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UMaine News Press Releases from Word Press XML export 2015

UMaine Offshore Wind Project Cited as One of Press Herald's Top Business Stories of 2014

02 Jan 2015

The University of Maine's offshore wind efforts were mentioned in the [Portland Press Herald](#) article, "Top 10 Maine business stories of 2014." In May, the University of Maine's offshore wind project was selected as an alternate by the U.S. Department of Energy for its next phase of the Advanced Technology Demonstration Program. The UMaine project received \$3 million for further research and development, and will be considered for more funding should additional funds become available.

WABI Reports on New Year's Eve Family Event at UMMA

02 Jan 2015

WABI (Channel 5) advanced the family-friendly activities offered at the University of Maine Museum of Art as part of Bangor's Downtown Countdown New Year's Eve celebration. The museum offered a free workshop for children to make a crown or tiara. The museum's education coordinator, Eva Wagner, said the event is a safe, family-friendly way to celebrate the New Year.

Yarborough Speaks with Media About State's Large Blueberry Crop

02 Jan 2015

David Yarborough, a blueberry specialist with University of Maine Cooperative Extension, spoke with news organizations, including [The Ellsworth American](#), WLBZ (Channel 2) and the [Bangor Daily News](#) about the 2014 blueberry harvest. Yarborough said although the federal figures for the harvest won't come out until the end of the month, the crop will exceed 100 million pounds, making it the second largest blueberry harvest in Maine's history, according to the article. The largest wild blueberry crop was 110.6 million pounds in 2000, the article states. The Associated Press also reported on Yarborough's figures. [The Boston Globe](#), Maine Public Broadcasting Network, [Portland Press Herald](#) and Daily Reporter carried the AP report. [Mainebiz](#) cited the Ellsworth American article.

UMaine Investigating Source of Unauthorized Tweet, Media Report

05 Jan 2015

The [Bangor Daily News](#) and [WABI](#) (Channel 5) reported the University of Maine is investigating an offensive and unauthorized tweet that was posted using an official university Twitter account. The tweet has been deleted and security on the account has been updated. "There is no evidence that any of the systems at the University of Maine were compromised," according to John Forker, chief information security officer for the University of Maine System. [Sun Journal](#) carried the BDN report.

Milardo's Research on Aunts, Uncles Cited in News-Press Parenting Column

05 Jan 2015

Research by Robert Milardo, a professor of family relations at the University of Maine, was cited in a [News-Press](#) parenting column about the important role aunts and uncles play in children's lives. Milardo's writings show aunts and uncles help parents care for their children, give parents breaks and lend advice to both children and adults, according to the article. "Not all nieces and nephews are close with uncles and aunts, but for some, their relationships are truly extraordinary — they fuse elements of parent-like obligations with friendship," Milardo said. "When adult siblings have

reasonably close relationships, without question everyone can benefit.”

Dill Speaks with Sun Journal About Common Winter Pests

05 Jan 2015

James Dill, a pest management specialist with the University of Maine Cooperative Extension, spoke with the Sun Journal for an article about insects that are common in Maine during the winter. Dill spoke about several pests and how to cope with them, including snow fleas, western conifer seed bugs, northern house mosquitoes, winter moths and spiders and Asian lady beetles. “It used to be when I first started, people would say, ‘Oh, boy, it must be boring during the winter being an entomologist,’” Dill said. “With the things that have come in, and looking at pests and you name it, there’s truly not a slow time of year anymore.”

Downtown Bangor Public Humanities Day to Feature Community Events Centered On Arts, Literature and History

05 Jan 2015

The University of Maine Humanities Center will host the third annual Downtown Bangor Public Humanities Day at various locations Jan. 24 with a kickoff event Jan. 23. Free events for participants of all ages will be offered at venues including the University of Maine Museum of Art (UMMA), Bangor Public Library and Maine Discovery Museum. This year’s Humanities Day is co-hosted by the Maine Folklife Center and UMMA. The Downtown Bangor Public Humanities Day began in 2013 to create a better forum for connecting UMaine faculty, staff and students with the general public in the region, according to UMHC director and UMaine history professor Liam Riordan. Local partners of the day are the Bangor Public Library and Maine Discovery Museum. Free bus service will be available from the UMaine campus to Bangor and is supported by the UMaine Office of Student Life. The events kick off 6 p.m. Friday, Jan. 23 with a humanities-themed PechaKucha presentation at Coe Space, 48 Columbia Street in Bangor. Speakers will include UMaine faculty and local cultural leaders. Refreshments will be provided and a \$6 donation is suggested. Events on Saturday, Jan. 24 are:

- 11 a.m.–11:45 a.m. at Maine Discovery Museum — Bangor Children’s Choir performance
- Noon–12:45 p.m. at Bangor Public Library — Brown bag luncheon discussion of the “Future of the Book” with Michael Alpert of UMaine Press, Deb Rollins of Fogler Library, Joshua Bodwell of Maine Writers & Publishers Alliance, and Barbara McDade of the Bangor Public Library
- 1–2:45 p.m. at University of Maine Museum of Art — Exhibit tour led by George Kinghorn, UMMA’s director and curator, at 1 p.m. and artist lecture by Brenton Hamilton at 2 p.m.
- 3–3:45 p.m. at Bangor Public Library — “Philosophy Tea” and group discussion of Edith Cobb’s “The Ecology of Imagination in Childhood” with Kirsten Jacobson, an associate professor of philosophy at UMaine, and members of the club, Philosophy Across the Ages
- 4–4:45 p.m. at Bangor Public Library — Screening by David Weiss, founder of Northeast Historic Film, of “An Oral Historian’s Work,” the legacy of Edward “Sandy” Ives, and discussion of the Maine Folklife Center and Northeast Historic Film

The UMHC has partnered with the [Bangor Daily News](#) on “My Maine Culture,” a project to celebrate Maine’s sense of place. In December, members of the public were invited to submit a digital postcard — an image or video with accompanying text — that captures participants’ Maine culture or what they love about the state. The BDN will publish highlights from the digital postcard collection before the Downtown Bangor Public Humanities Day to contribute to the day’s events, and BDN editor Erin Rhoda will share examples during the PechaKucha event Jan. 23. The Maine Folklife Center also may choose to preserve the digital postcards in its archives. The Downtown Bangor Public Humanities Day is one of several UMHC events planned for 2015. The UMaine Humanities Center, housed in UMaine’s College of Liberal Arts and Sciences since 2010, advances the teaching, research and public engagement of the arts and humanities to create richer collaboration among Maine residents. More about UMHC is online. For more information about the Downtown Bangor Public Humanities Day or to request a disability accommodation, contact Pauleena MacDougall, director of the Maine Folklife Center, at 581.1848 or pauleena.macdougall@umit.maine.edu, or visit the [Facebook](#) event

Merritt David Janes: Broadway Performer

05 Jan 2015

University of Maine alumnus and Broadway performer Merritt David Janes “DJ” will return to his alma mater in January as a guest artist in the School of Performing Arts benefit [concert](#), “150 Years of American Song: A Celebration of the University of Maine.” In recognition of UMaine’s 150th anniversary, more than 75 students in the School of Performing Arts will present selections from the Great American Songbook in a concert that aims to raise awareness of the school and funds for outreach programs. The student-run production takes place at 7:30 p.m. Friday, Jan. 23 in the Collins Center for the Arts. While on campus, Janes will teach a free master class on musical theater that is open to the public. University and area high school students will perform for and be coached by Janes at 3 p.m. Thursday, Jan. 22 in Minsky Recital Hall. Janes is currently on a national Broadway tour of “The Phantom of the Opera.” He is a Colchester, Vermont native who graduated from UMaine in 2004 with a bachelor’s degree in music education with concentrations in voice and trumpet. **What will your role be in the School of Performing Arts benefit concert?** I am honored to be the guest artist and cannot wait for this event. I will be singing six songs with the very talented jazz musicians in the UMaine big band. When I was a student, I never would have guessed I would be so excited to go to Maine in January. **Describe the master class you will be teaching:** I am really looking forward to this. My job as an actor allows me to stay in touch with my love of teaching with master classes like this one. I will be working with students on music they are in the process of preparing. The focus of our time will be on combining the technical aspects of musical performance with the artistic; bringing yourself to the material by relating artistically and technically with the intention and circumstance of the material. **Why UMaine?** I attended the Maine Summer Youth Music Program from seventh grade through my senior year in high school and was inspired to enroll in UMaine’s music school by the excellent teachers I worked with there. **Why did you decide to come back and support your alma mater in this way?** The School of Performing Arts and the Maine Center for the Arts — now the Collins Center for the Arts — are very special places for me. I have had so many great memories on the MCA stage in so many different flavors of performance with the UMaine Symphonic Band, UMaine Singers, Bangor Symphony Orchestra, Maine Steiners, and then coming back with the Broadway tour of “Sweeney Todd.” I have always jumped at every opportunity to perform there since I was in middle school, so when they asked me to come up this time, it was a no-brainer. **Describe your career path since graduation:** In my final year at UMaine, I had the privilege of student teaching at Windham High School with Richard Nickerson and the world-famous Windham Chamber Singers. After graduation, I was faced with the difficult decision to choose to begin my teaching career or pursue a career in performing. Call it fate or a total lack of practicality, but I decided to roll the dice and give performing a shot. I then attended The Circle in the Square Theatre School (in New York City) for two years. In the last two months of my time there, in an effort to “practice auditioning,” I booked my first professional role as Robbie Hart in “The Wedding Singer” Broadway tour. As luck would have it, I’ve been touring ever since for the last seven years in five other Broadway tours: “Sweeney Todd,” “Beauty and the Beast,” “Shrek,” “Catch Me if You Can,” and “The Phantom of the Opera.” **Describe your current job on the National Broadway Tour of “Phantom of the Opera”:** I think it’s safe to say the 25th anniversary Broadway tour of “The Phantom of the Opera” is the most prestigious production I’ve been a part of. For the first time in my career I am in an understudy position. I perform nightly as a featured ensemble member and it is my pleasure to understudy the wickedly talented, Helen Hayes Award nominee Edward Staudenmayer in the role of Andre. It has been quite the adventurous ride and I can’t believe that it has already been a year. **What difference has UMaine made in your life and in helping you reach your goals?** UMaine has made all the difference in the world. Receiving a great experience at an excellent music school is an invaluable and very unique tool that gives any performer on today’s stage the gift of versatility and consistency. I would not have had the ability or stamina to perform any of my previous roles without the experiences I was given at UMaine. **How does UMaine continue to influence your life?** My experience at UMaine continues to help me in many ways. My time there really taught me how to think outside the box and allowed me to sharpen my ability to anticipate, create and seize new and exciting opportunities. **When you were at UMaine, what was your favorite place on campus?** I was very fortunate to have regular access to Minsky Recital Hall which became my favorite place to rehearse and even served as a calming escape from time to time. **What’s your most memorable UMaine moment?** My time on the European concert tours with the Singers, Steiners and Oratorio Society were filled with irreplaceable memories of singing all over Europe in some of the most beautiful cathedrals in the world. Particularly on my last European tour with the Singers and the Steiners where I had the opportunity to conduct a combination of both the Steiners and Renaissance a cappella

groups. Tickets for “150 Years of American Song: A Celebration of the University of Maine” are \$25, \$12 for students with a valid MaineCard. Tickets are available at the Collins Center box office, by calling 581.1755 or online. For more information about the performance or to request a disability accommodation, call 581.1755. The event’s snow date is 7:30 p.m. Saturday, Jan. 24. More about the concert is [online](#).

Annual Skate with the Bears Jan. 11

06 Jan 2015

Friends of Maine Hockey will host the annual Skate with the Bears event from 4:15–5:15 p.m. Sunday, Jan. 11 at the Alford Arena. Members of the University of Maine men’s and women’s ice hockey teams will be on the ice meeting fans, signing autographs and posing for photos. Friends of Maine Hockey board members also will be in attendance to answer questions, sign up new members and sell merchandise in support of the teams. The event is free and open to the public. There is a limited supply of free skate rentals available. Hot cocoa, coffee and doughnuts will be provided by Dunkin’ Donuts, as well as pizza from Domino’s.

Foster’s Reports New Deadline for York County Master Gardener Training

06 Jan 2015

[Foster’s Daily Democrat](#) reported the deadline has been extended for applications for the 2015 University of Maine Cooperative Extension Master Gardener Volunteer training in York County. Friday, Jan. 23 is the new deadline to apply for the training that begins Jan. 27 at the Anderson Learning Center, 21 Bradeen St., Springvale.

UMaine Extension Videos Cited in Caledonian-Record Article on Fruit Pruning Season

06 Jan 2015

Videos created by the University of Maine Cooperative Extension were mentioned in a [Caledonian-Record](#) article about pruning fruit trees. The best time to prune tree fruit and small fruit, such as berries, is late winter to early spring while the plants are dormant, according to the article. The article stated UMaine Extension “has a couple of great videos for pruning blueberries and apples,” and included a [link](#) to the videos.

Concert to Celebrate UMaine’s 150th Anniversary, Maine Edge Reports

06 Jan 2015

[The Maine Edge](#) published a University of Maine news release advancing a student-run concert that will celebrate UMaine’s 150th anniversary and serve as a School of Performing Arts fundraiser. “150 Years of American Song: A Celebration of the University of Maine” will feature performances by a full big band, string orchestra and singing groups, as well as 13 featured vocal soloists. More than 75 students will bring to the stage selections from the Great American Songbook during the Jan. 23 concert at the Collins Center for the Arts. Proceeds benefit the UMaine School of Performing Arts student initiatives and outreach programs. Music Industry Today also posted the release.

UMMA to Benefit from State Tourism Grant, Press Herald Reports

06 Jan 2015

The University of Maine Museum of Art will benefit from a fall 2014 Tourism Enterprise Marketing Grant, according to the [Portland Press Herald](#). The Maine Office of Tourism recently announced eight recipients for the grants that aim to support tourism marketing projects in 2015 that will increase visitor traffic to Maine, the article states. The Maine Art Museum Trail, which UMMA is a member, will receive \$8,591. The trail is a collaborative of eight art museums that plans to rebrand since it’s initial development in 1997. The funding will go toward efforts such as creating a new brochure, an updated map and distribution of those products, according to the Press Herald.

Steneck Quoted in Press Herald Article on Protected Gulf of Maine Fishing Ground

06 Jan 2015

Robert Steneck, a marine scientist at the University of Maine, was interviewed by the [Portland Press Herald](#) for an article about the conflict over efforts to reopen part of Cashes Ledge, a protected Gulf of Maine fishing ground. Fishermen say access to the area will help them survive tight groundfishing regulations, while conservationists say the rare ecosystem should be left alone, according to the article. Steneck, who traveled to Cashes Ledge annually in the 1980s and 1990s, said he was amazed by the amount of fish in the area, but has witnessed a significant decline in abundance during that time because fishermen began targeting the area, the article states. Steneck told the Press Herald that Cashes Ledge is as an example of “an ecosystem past” that is largely gone from New England after centuries of commercial fishing. “These local stocks are very fragile and I think we have extirpated most of them along the Gulf of Maine,” he said.

Hoskins Dishes on Dirt in Sun Journal

07 Jan 2015

Bruce Hoskins, assistant scientist of Plant, Soil, and Environmental Sciences at the University of Maine, was quoted in a Sun Journal column that listed 10 things to get excited about this year. Hoskins remarked on the U.N. General Assembly naming 2015 the International Year of Soils. “People just kind of take it for granted. It really is the foundation for all plant production, food production,” said Hoskins, whose lab annually tests 15,000 soil samples then suggests how to improve crop production.

Kersbergen Quoted in Current Publishing Article on Organic Dairy Farmer Training

07 Jan 2015

Richard Kersbergen, a University of Maine Cooperative Extension educator on sustainable dairy and forage systems, was interviewed for a Current Publishing article on a Freeport farm’s new Organic Farmer Training Program and a unique piece of milking equipment it may use. While on sabbatical, Kersbergen has been working on the Wolfe’s Neck Farm training program that aims to open doors for people interested in organic dairy farming in Maine, according to the article. He said he hopes to help bring a portable milking parlor to the farm. The equipment isn’t used in the country, but is used in Europe, according to Kersbergen, who saw it in use in Holland and Germany. “The idea is, we import one as a model for a startup farmer to use,” he said. “The idea is to increase the number of organic dairy farmers. There are lots of startup expenses. This equipment could be transferable from farm to farm, for a dairy farmer whose lease arrangement might not work out.”

McGill’s Ecology Blog Ranked Among Most Influential, University of Michigan Reports

07 Jan 2015

An ecology blog co-written by Brian McGill, an associate professor of ecological modeling at the University of Maine, was named the fourth most read science blog, according to a [University of Michigan](#) news release. “From the Lab Bench, a blog about all things science,” in association with nature.com, recently conducted a survey to identify the most influential science blogs and bloggers, the release states. McGill’s blog, “[Dynamic Ecology](#),” was ranked the fourth most read among 600 respondents. McGill maintains the blog with Meg Duffy, an associate professor of ecology and evolutionary biology at the University of Michigan, and Jeremy Fox, an associate professor of population ecology at the University of Calgary.

2015 Dorothy Clarke Wilson Peace Writing Prize Awarded

07 Jan 2015

A first-year elementary education major at the University of Maine has been awarded this year’s Dorothy Clarke Wilson

Peace Writing Prize for his essay, "Reconciliation." John Dennis of Bangor, Maine, will receive \$500 for his award-winning essay. He will read his essay and be presented with his award at the annual Dr. Martin Luther King Jr. Day Breakfast, Jan. 19 at the University of Maine. Dennis is a storyteller and musician. Before joining the UMaine community, he served as cultural director for the Aroostook Band of Micmacs. This year, the peace writing competition, sponsored by the Wilson Center in Orono and open to all UMaine students, focused on the topic of forgiveness and reconciliation as defined by Desmond Tutu. The contest is named in honor of Dorothy Clarke Wilson, an internationally known peacemaker who was committed to writing on social issues and world peace. Honorable mentions this year by author and essay: Michael Bailey, "The Celebrated Genocide: Manifest Destiny and Native Peoples"; Berkay Payal, "Road to 'Paradiso': Forgiveness"; John Peters, "In the Eye of a Storm"; Olga Remesha, "My Tribe Surrounded by My Heart"; and Anna Weigang, "Metamorphosis." The Dorothy Clarke Wilson Peace Writing Prize is awarded each year by the Wilson Center, whose mission is to offer opportunities for spiritual growth to UMaine students, to work for social justice and to honor diversity. More information about the Wilson Center is [online](#).

Carnegie Foundation Selects UMaine for 2015 Community Engagement Classification

08 Jan 2015

The University of Maine is one of 240 colleges and universities in the United States selected to receive the 2015 Community Engagement Classification of the Carnegie Foundation for the Advancement of Teaching. UMaine and 156 other institutions received reclassification; 83 colleges and universities received first-time classification. In 2008, UMaine and Bates College were the first two institutions in Maine to receive the Carnegie Community Engagement Classification. The 2015 reclassification is valid until 2025. Today, five colleges and universities in Maine — UMaine, Bates, Saint Joseph's College, Unity College and the University of Maine at Machias — are among the 361 institutions nationwide that have achieved the Community Engagement Classification from the Carnegie Foundation. "Community engagement is an institutional priority that is critical to helping meet the needs of communities in Maine and beyond," said UMaine President Susan Hunter. "Since its inception, UMaine has been committed to public service as part of its statewide land grant mission. Today, community engagement is an important component of the UMaine student experience, and more integral than ever to our research and economic development initiatives. "This reclassification by the Carnegie Foundation recognizing our commitment to community engagement is a fitting tribute to UMaine's 150-year legacy that we're celebrating in 2015." The Community Engagement Classification recognizes those colleges and universities with an institutional focus on community engagement. Unlike the other Carnegie Classifications of Institutions of Higher Education that rely on national data, the Community Engagement distinction requires colleges and universities to voluntarily submit materials documenting their community engagement. In order to be selected, the colleges and universities provided descriptions and examples of institutionalized practices of community engagement that showed alignment among mission, culture, leadership, resources and practices. For reclassification, UMaine and the other institutions also had to provide evidence that the ongoing community engagement has become "deeper, more pervasive, better integrated and sustained." In UMaine's application to the Carnegie Foundation, numerous university-community partnerships and projects were highlighted. University of Maine Cooperative Extension, Maine Sea Grant, all six colleges and many university centers were represented, demonstrating the range and depth of the university's commitment to engagement, according to Claire Sullivan, associate dean for community engagement in the College of Liberal Arts and Sciences. Several efforts are geared toward the creation of collaborative networks across disciplines, institutions and state organizations. Partnerships include collaborations with local schools, as well as those that work toward the promotion of the arts and humanities. For example, one cultural project called Tree and Tradition featured a collaboration with the Hudson Museum, the Native American Studies Program, the School of Forest Resources and the Maine Indian Basketmakers Alliance, whose mission is to preserve the ancient tradition of brown ash and sweetgrass basketry among Maine's tribes. UMaine's community partnerships also serve an economic development function. That includes the Foster Center for Student Innovation, which has a leadership role in the Blackstone Accelerates Growth internship project. The university has placed an emphasis on aiding the people of Maine through projects devoted to youth, the elderly, families and diverse populations, as well as tackling important societal and health-related issues, such as hunger, autism spectrum disorders and substance abuse. Cooperative Extension, UMaine's largest outreach component, has a presence in every county, putting research to work in homes, businesses, farms and communities. UMaine also has focused on its natural resources through such initiatives as Sea Grant's Marine Extension Team, linking coastal communities with scientists to address pressing issues, and the Cooperative Forestry Resource Unit, working with Maine's forest landowners to ensure effective public policy and sustainable forest management practices.

The university has been instrumental in developing alternative energies research, education and partnerships, and connects knowledge with action through the Sustainability Solutions Initiative, promoting strong economies, vibrant communities and healthy ecosystems in Maine and beyond. At UMaine, community engagement is integral to the student experience. Student participation in the Bodwell Center for Service and Volunteerism programs has increased 192 percent in the past three years, with 5,975 students completing 19,400 service hours in 2013. Students are involved in service-learning courses, music and theater ensembles, Alternative Breaks, Engineers Without Borders, sustainable agriculture projects, Black Bear Mentors and the University Volunteer Ambulance Corps, to name a few. “The importance of this elective classification is borne out by the response of so many campuses that have demonstrated their deep engagement with local, regional, national, and global communities,” said John Saltmarsh, director of the New England Resource Center for Higher Education. “These are campuses that are improving teaching and learning, producing research that makes a difference in communities, and revitalizing their civic and academic missions.” Amy Driscoll, consulting scholar for the Community Engagement Classification, noted that, in this first reclassification process, there is “renewed institutional commitment, advanced curricular and assessment practices, and deeper community partnerships, all sustained through changes in campus leadership, and within the context of a devastating economic recession.” A news release about the Carnegie Foundation's 2015 Community Engagement Classification is [online](#). Contact: Margaret Nagle, 207.581.3745

UMaine Extension to Offer Guidance About Growing Elderberries

08 Jan 2015

A free informational meeting for current and interested elderberry growers will be held 1–3 p.m. Tuesday, Feb. 10, at the University of Maine Cooperative Extension office, 24 Main St., Lisbon Falls. Tori Lee Jackson, UMaine Extension educator and associate professor of agriculture and natural resources, and David Handley, UMaine Extension vegetable and small fruit specialist, will facilitate. Topics will include elderberry growers’ experiences and potential future needs, management practices and challenges, research-based information on elderberries as a potential production crop and insurance programs that cover elderberries. For more information, to make a reservation, or to request a disability accommodation, contact KymNoelle Sposato, 207.353.5550, kymnoelle.sposato@maine.edu.

Gabe’s Waterfront Concerts Economic Impact Studies Cited by BDN

08 Jan 2015

Peer-reviewed studies by University of Maine economics professor Todd Gabe were mentioned in the [Bangor Daily News](#) article, “Waterfront Concerts poised for biggest year to date, promoter tells Bangor business gathering.” Since the concert series began in 2010, it has held 75 events along the banks of the Penobscot River, according to the article. Gabe’s studies found that in the first four seasons, the concerts contributed an estimated \$47.5 million to the Bangor area economy, and that contribution has grown each year, the article states. The BDN report also was carried by the Sun Journal and cited by [Mainebiz](#).

UMMA Summer Exhibition Advanced in BDN Article

08 Jan 2015

The [Bangor Daily News](#) reported Bangor’s Business and Economic Development Committee approved a \$1,000 Individual Artist Grant that could allow a 10-foot-tall “monumental fiberglass buoy-like floating sculpture” to be anchored in the Kenduskeag Stream in downtown Bangor this summer. The buoy, created by Eastport artist Anna Helper, will be part of her exhibition on display from June through September at the University of Maine Museum of Art, which is located next to the Kenduskeag Stream between Central and State streets, according to the article. Helper told the BDN she hopes the piece will draw people to the museum.

Applications Due for March Master Gardener Training

09 Jan 2015

Applications are due Feb. 19 for the University of Maine Cooperative Extension Master Gardener Volunteers Program that starts March 5, from 10 a.m. to 1 p.m., at the UMaine Extension Piscataquis County office, 165 East Main St., Dover-Foxcroft. Live video conferencing of the training will be provided at Extension offices in Skowhegan, Fort Kent, Presque Isle and Houlton. UMaine Extension educators and other experts will provide 48 hours of research-based horticulture training over 16 weeks. Classroom and hands-on instruction will be included. The program will focus on ornamentals, garden vegetables, small fruits and fruit trees. Topics include soil science, composting and fertilizing, botany, growing nightshade vegetables, plant health and other aspects of plant management. After successful program completion, each Master Gardener Volunteer is expected to provide 40 hours of assistance to a community gardening project. The \$220 fee is due the first day of class; limited partial scholarships are available. For more information, or to request an application or disability accommodation, call 207.564.3301, 800.287.1491 (in Maine), TDD 800.287.8957. The application and more information also are available [online](#).

Farms.com Advances Dwyer's Agricultural Trades Show Talk

09 Jan 2015

[Farms.com](#) reported Jim Dwyer, a crops specialist with the University of Maine Cooperative Extension, will give a talk at the 74th Maine Agricultural Trades Show set for Jan. 13–15 at the Augusta Civic Center. Dwyer is scheduled to do a presentation on potato pest management on Jan. 13. Since 1941, the annual show has offered a place for agriculture producers and consumers to experience a variety of exhibitors, meetings, seminars and activities related to farming, according to the article.

UMaine Researchers Aiding Efforts to Develop American Eel Aquaculture

09 Jan 2015

University of Maine Marine Extension associates are involved in emerging efforts to develop aquaculture for American eel. Last October, scientists, eel biologists, eel merchants, entrepreneurs and government regulators attended a workshop on the eel industry sponsored by the USDA Northeastern Regional Aquaculture Center and organized by Barry Costa-Pierce (University of New England), Michael Timmons (Cornell University), Dana Morse (Maine Sea Grant) and David MacNeill (New York Sea Grant). Despite complications resulting from the potential listing of American eel as an endangered species, workshop participants concluded that the development of a local industry would benefit both wild fishermen and aquaculture entrepreneurs. Discussions will continue at the [Northeast Aquaculture Conference and Exposition](#) (Jan. 14–16 in Portland, Maine) and the [Maine Fishermen's Forum](#) (March 5–7 at the Samoset Resort in Rockport, Maine).

Annual Rev. Dr. Martin Luther King Jr. Breakfast Jan. 19 on Campus

12 Jan 2015

Wabanaki reconciliation will be the focus of a keynote address at the annual Rev. Dr. Martin Luther King Jr. Breakfast on Jan. 19, sponsored by the Greater Bangor Area NAACP and the University of Maine. Doors open at 8 a.m. in UMaine's Wells Conference Center. Tickets are \$20; \$12.50 for children 12 and under; free for students with a MaineCard. Tickets can be purchased at the door or in advance. Early ticket purchase is recommended (umaine.edu/multicultural). For ticket information or to request a disability accommodation, call 207.581.4095. The Rev. Dr. Martin Luther King Jr. Breakfast will open with welcoming remarks by Michael Alpert, president of the Greater Bangor Area NAACP; UMaine President Susan Hunter; and UMaine Vice President for Student Life and Dean of Students Robert Dana. Keynote speakers Esther Attean and Denise Altvater will speak on "Truth, Healing and Change: Maine-Wabanaki Reconciliation." Attean and Altvater are the advisers to the Maine Wabanaki-State Child Welfare Truth & Reconciliation Commission. Attean, a member of the Passamaquoddy Nation, co-directs Maine-Wabanaki REACH and is a training specialist with the Muskie School of Public Service at the University of Southern Maine, working with young people transitioning out of foster care. Attean was part of the Indian Child Welfare Act Training Workgroup and for seven years worked for the Penobscot Nation Department of Human Services, providing family support and community program development services. Altvater is the youth outreach and education coordinator

of Maine-Wabanaki REACH, and directs Maine's Wabanaki Youth Program of the American Friends Service Committee. She is the Passamaquoddy representative to the Maine Indian Tribal State Commission and is the Wabanaki liaison on the Board of Overseers for the Maine State Prison. For decades, she has worked to create a support and communication network for Native communities in the region. Other community leaders expected to participate in the King Breakfast include gkisedtanmoogk, a commissioner with the Maine Wabanaki-State Child Welfare Truth & Reconciliation Commission; and Mother Marguerite A.H. Steadman of St. John's Episcopal Church, Bangor. For more information about the breakfast, call 207.581.1406. Michael Alpert is the newly named president of the Greater Bangor Area NAACP. Alpert directs the University of Maine Press in Orono, a division of UMaine's Raymond H. Fogler Library. The Greater Bangor Area NAACP holds monthly meetings and special programs on issues of concern to the civil rights community. More information is available by calling 207.548.2081.

Courier Gazette Announces Shields' Victory

12 Jan 2015

The [Rockland-based Courier Gazette](#) carried a story about Don Shields being named the National Sportscasters and Sportswriters Association's Maine Sportscaster of the Year. Shields, who calls University of Maine women's basketball games for Learfield Sports/Black Bear Sports Properties, also has called area high school basketball contests for 30 years. The [Bangor Daily News](#) also carried a report about Shields.

Minnesota Meteorologist Utilizes Climate Reanalyzer

12 Jan 2015

In his Jan. 12 online edition of the [Minnesota-based Star Tribune](#), meteorologist Paul Douglas used the University of Maine Climate Change Institute's Climate Reanalyzer's Global Forecast System Model. The Climate Reanalyzer indicated the Gopher State would come out of the deep freeze and have several days with temperatures in the 30s. The Climate Reanalyzer also was used in a [Discover](#) magazine blog about a deep chill in Colorado.

MTM Interviews Neivandt About Foreign Technology Workers

12 Jan 2015

David Neivandt, associate vice president for research and graduate studies and director of the Graduate School of Biomedical Science and Engineering at the University of Maine, was cited in a [MaineToday Media](#) story about the state lagging behind in hiring foreign technology workers. The story reported that, despite a shortage of technically skilled professionals in Maine, businesses have, for the most part, not utilized the federal H-1B visa program that allows them to hire foreign guest workers with expertise in science, medicine, computers and engineering. Colleges and universities in Maine appear to be the exception. Neivandt said that in 2001, when he came to the U.S. from Australia, he obtained a visa in a few months. One major drawback, he said, is that spouses may not work unless they obtain their own H-1B visas.

Breece Provides Context about Oil Prices

12 Jan 2015

University of Maine economist James Breece was interviewed for a story in the [Morning Sentinel](#) about dropping oil prices. He said oil prices have plummeted due to a host of reasons, including that increased production of shale oil in North America has increased global supplies. In addition, Breece said as the Chinese economy and the European economy declined, the demand for oil has dropped. While Breece said oil prices will likely increase when the economies of China and Europe recover, he doesn't believe they'll reach previous record levels.

Ocean Garden Topic of Redmond's Talk

12 Jan 2015

Sarah Redmond, a marine extension associate with the Maine Sea Grant College Program at the University of Maine, will be a guest speaker at a free brown bag luncheon at noon Wednesday, Jan. 28, in Moore Auditorium at [Schoodic Institute at Acadia National Park](#). She'll discuss "Our Ocean Garden: Sea Vegetables of Maine." For more information, call 207.288.1310.

Students Reminded to File Their 2015–16 FAFSA

12 Jan 2015

The Office of Student Financial Aid reminds students that as of Jan. 1, they can file their 2015–16 Free Application for Federal Student Aid (FAFSA), which must be completed each year in order to receive financial aid at the University of Maine. March 1 is the University of Maine's priority filing deadline for FAFSA. Students who file their FAFSA after that date risk losing potential eligibility for some types of financial aid. The 2015–16 FAFSA requires students and parents of dependent students to submit their 2014 tax information. If you have not yet filed your 2014 tax return, use estimated information to submit the FAFSA by the March 1 priority filing deadline. Once your tax return is complete, you can use the IRS Data Retrieval Tool to upload your tax information directly from the IRS to your FAFSA. The IRS Data Retrieval Tool will be available for use starting Feb. 1. To complete FAFSA, go to [fafsa.gov](#). For more information on filing the FAFSA, visit [umaine.edu/stuaid](#) or contact the Office of Student Financial Aid, 207.581.1324.

Scientists Face Frontiers at Storytelling Event

12 Jan 2015

A field biologist, science writer, river restorer and senior producer will share their experiences at a science storytelling project 7 p.m. Tuesday, Jan. 20, at One Longfellow Square, 181 State St., in Portland. Skylar Bayer and Ari Daniel are co-producers of the event for The Story Collider, which creates live shows and podcasts in which people convey how science has personally affected their lives. Frontier is the theme for the storytellers, who will talk about learning about themselves and their disciplines. Scheduled participants are: Chuck Lubelczyk, field biologist at Maine Medical Research Institute; Laura Poppick, science journalist and educator; Molly Payne Winn, monitoring coordinator with Penobscot River Restoration Trust; and Erin Barker, senior producer for The Story Collider, two-time winner of The Moth's GrandSLAM competition and guest on the Peabody Award-winning show "The Moth Radio Hour." Bayer is pursuing her Ph.D. in marine reproductive ecology at the University of Maine Darling Marine Center in Walpole, Maine. She was featured in a prior podcast of The Story Collider titled "Phoning Home from Alvin." Bayer manages, edits and writes the blog [Strictlyfishwrap](#) and was the "the lonely lady scientist" in a 2013 feature titled "[The Enemy Within](#)" on "The Colbert Report." [Daniel tells stories](#) about science using radio and multimedia. He has reported for PRI's The World, NOVA, Radiolab and NPR. Daniel earned a Ph.D. in biological oceanography at Massachusetts Institute of Technology and Woods Hole Oceanographic Institution. Tickets are \$10 [online](#) at and \$12 at the door. Contact: Beth Staples, 207.581.3777

Campus Intersection Now a Four-Way Stop

13 Jan 2015

The University of Maine Police Department advises campus motorists that two new stop signs have been installed on Munson Road where it intersects with Schoodic and Moosehead roads, making this now a four-way stop. The goal is to improve pedestrian safety in the area and along Munson Road, where there are numerous crosswalks. Drivers and pedestrians: PLEASE USE CAUTION in this area as everyone adjusts to this new traffic pattern change.

VillageSoup, Weekly Preview UMaine Museum of Art's Winter Exhibitions

13 Jan 2015

[VillageSoup](#) and [The Weekly](#) reported on the University of Maine Museum of Art's winter exhibitions that will open to the public on Jan. 16 and run through March 21. The exhibits are, Barbara Putnam and Deborah Cornell's "Global

Change: The Dance of Contingencies,” Dan Estabrook’s “King & Clown” and Rachel Hellmann’s “Infra/Structure.”

Kennebec Journal, Morning Sentinel Promote Master Gardener Volunteers Program

13 Jan 2015

[Centralmaine.com](#), the website of the Kennebec Journal and Morning Sentinel, carried the announcement that the University of Maine Cooperative Extension Master Gardener Volunteers Program will start from 10 a.m. to 1 p.m. Thursday, March 5, at the UMaine Extension Piscataquis County office, 165 East Main St. in Dover-Foxcroft. Live video conferencing of the training is also provided at Extension offices in Skowhegan, Fort Kent, Presque Isle and Houlton. Applications are due Thursday, Feb. 19.

Kinghorn, UMMA Summer Exhibition Mentioned in BDN Article

13 Jan 2015

George Kinghorn, director and curator of the University of Maine Museum of Art, was cited in a [Bangor Daily News](#) article about the Bangor City Council approving a \$1,000 matching grant that could allow a 10-foot-tall “buoy-like floating sculpture” to be anchored in the Kenduskeag Stream in downtown Bangor this summer. The buoy, created by Eastport artist Anna Helper, will be part of her exhibition on display from June through September at the museum, according to the article. Helper is Bangor’s first recipient of an Individual Artist Grant, and she was encouraged by Kinghorn to apply for the grant through the city, the article states.

‘Historical Atlas of Maine’ Inspires MCF Trivia Quiz

13 Jan 2015

[Maine Community Foundation](#) CEO Meredith Jones compiled a trivia quiz based on the “Historical Atlas of Maine,” a 15-year project led by University of Maine researchers, including historian Richard Judd, geographer Stephen Hornsby and now-deceased Professor of English Burton Hatlen. Jones said she would give a polar fleece vest with the MCF logo to the person who posted correct responses to all eight trivia questions. One of the eight questions: Ice cut from the Kennebec River in the 1880s was shipped to which of the following countries:

- A. India
- B. New Zealand
- C. China
- D. South Africa
- E. Bermuda

[Mainebiz](#) also reported on the long-awaited printing of the “Historical Atlas of Maine.”

Peterson’s Track Review Cited by New York Racing Association

13 Jan 2015

Mick Peterson, a professor of mechanical engineering at the University of Maine, was mentioned in an official New York Racing Association (NYRA) statement addressing the health and safety of equine athletes and jockeys at Aqueduct Racetrack. In December 2014, the NYRA secured an independent review of Aqueduct’s inner track led by Peterson, who returned in January 2015 to further evaluate the track, according to the release. “New York has set the bar for the standard of care of racetrack surfaces. What stands out in New York is the record-keeping and the ability to compare measurements from year to year,” Peterson said. “We owe it to the fans, the riders, and horsemen to ensure this safety and accountability.” [Horse Racing Nation](#) published the article. Peterson’s review of the Aqueduct Racetrack also was cited in [Horse News](#) report for NJ.com.

WVH Covers Annual Skate with the Bears Event

13 Jan 2015

WVII (Channel 7) reported on the annual Skate with the Bears event that was hosted by Friends of Maine Hockey at the Alford Arena. Members of the University of Maine men's and women's ice hockey teams were on the ice meeting fans, signing autographs and posing for photos. UMaine men's ice hockey player Brady Campbell said the event serves as a reminder of what it was like to be a child and look up to and cheer for college athletes. "It's cool to know that little girls are looking up to us and want to be us one day. It's really just an honor," said women's ice hockey player Kelsey MacSorely.

Weekly, Maine Edge Advance Public Humanities Day

13 Jan 2015

[The Weekly](#) and [The Maine Edge](#) previewed events that are scheduled as part of the University of Maine Humanities Center's third annual Downtown Bangor Public Humanities Day on Jan. 24 with a kickoff event Jan. 23. Free events for participants of all ages will be offered at venues including the University of Maine Museum of Art (UMMA), Bangor Public Library and Maine Discovery Museum. This year's Humanities Day is co-hosted by the Maine Folklife Center and UMMA. Free bus service will be available from the UMaine campus to Bangor and is supported by the UMaine Office of Student Life. More about Downtown Bangor Public Humanities Day is [online](#).

UMaine Career Fair Jan. 28

14 Jan 2015

Editor's note: Due to the predicted snowstorm, the UMaine Career Fair has been rescheduled to Wednesday, Feb. 11. The event will take place from 10 a.m. to 3 p.m. at the New Balance Student Recreation Center. All previous employer registrations will be honored. The University of Maine Career Center will hold its 17th annual UMaine Career Fair from 10 a.m. to 3 p.m. Wednesday, Jan. 28 at the New Balance Student Recreation Center. More than 110 employers from Maine and around the country with job and internship opportunities are expected to exhibit at the fair. Several graduate and professional schools, as well as branches of the military, also will be represented at the event. "We have every sector of employment represented: business and industry, health care, human services/nonprofits, communications, education, military, environmental and forestry, sciences, engineering, and state and federal government," says Patty Counihan, director of the Career Center. Students attending the fair are encouraged to dress professionally and bring their resume. The UMaine Career Fair is the largest career fair in the state. While the event is held each year for UMaine students and alumni of all majors, students from colleges and universities around the state are welcome to attend. About 950 students attended the 2014 UMaine Career Fair. The event is underwritten by General Dynamics/Bath Iron Works and Camden National Bank with additional support from sponsors including athenahealth, Bangor Savings Bank, Community Health and Counseling Services, Tyler Technologies, Inc., AAA Northern New England, BTG, Catholic Charities Maine, Maine Army National Guard, Providence Services, Seven Islands Land Company, Spurwink Services and St. Joseph Healthcare. More information, including a list of participating employers, is available [online](#) or by contacting Counihan at counihan@maine.edu or 581.1355.

UMaine Public Health Reminder

14 Jan 2015

The University of Maine has been informed by the Maine Center for Disease Control about widespread influenza activity across the state in December and January. This activity includes both 33 newly reported outbreaks and increased hospital admission related to influenza across the state. These two metrics are indicators of the severity of illness this flu season. Given this information, the University of Maine is working to increase campus community awareness of the Maine Center for Disease Control influenza prevention recommendations. The latest information is [online](#). Influenza vaccination is still strongly encouraged to prevent or lessen the severity of influenza, especially to protect those persons at risk of more severe disease. The vaccine is widely available. January is not too late to get vaccinated. After administration, the vaccination takes about two weeks to take full effect. For questions about vaccination, contact the

Maine Immunization Program, immunizeme@maine.gov; 800.867.4775. Be familiar and follow the Maine CDC “No Flu 4 You” prevention guidelines, which include:

- Wash your hands: Remember to wash your hands frequently to prevent transmission of influenza. Use an alcohol-based hand sanitizer between hand washings.
- Cover your cough: Use tissues, or cough into your sleeve or elbow
- Stay home when you are sick: To lessen the spread of the virus, symptomatic individuals should remain home and practice social distancing while sick. Maine CDC recommends staying home until 24 hours after fever resolves without the use of medications.
- Get Vaccinated: Maine CDC recommends vaccination for everyone age 6 months and older. Influenza vaccine is provided at no cost by the state of Maine for young adults under age 19. For your convenience, vaccine is still available through UMaine’s Cutler Health Center; call for an appointment, 207.581.4000, or contact your personal health care provider for vaccine availability. Visit flu.gov and input your local zip code to locate a flu shot offering in your area.

Camden Conference Seats Available at Hutchinson Center, VillageSoup Reports

14 Jan 2015

[VillageSoup](#) reported the Camden Conference has announced that seats for the 28th annual conference at the Camden Opera House are sold out. The Feb. 20–22 event, “Russia Resurgent,” will also be live streamed at the University of Maine Hutchinson Center in Belfast and the Strand Theatre in Rockland. Seats are still available at the remote locations, according to the article. “Russia Resurgent” will go behind the news to examine Russia’s role in the world from multiple perspectives. The University of Maine also is offering an [accompanying course](#) on the topic. More about the 2015 Camden Conference is [online](#).

University Forest Cross-Country Ski Trail Focus of BDN Article

14 Jan 2015

Dorion Loop, a cross-country ski trail located in the University Forest, was the focus of a [Bangor Daily News](#) “1-minute ski” article. BDN reporter Aislinn Sarnacki wrote about the trail and her experience skiing through the 2.9-mile loop. The article also mentioned skis are available to rent at the Maine Bound Adventure Center.

Nelson’s Water Quality Research Cited in Valley News Report

14 Jan 2015

Sarah Nelson, a researcher with the George J. Mitchell Center for Sustainability Solutions at the University of Maine, spoke with [Valley News](#) for an article about high school students in Hartford, Vermont who are acting as citizen scientists to study the presence of mercury in the environment. Nelson, who studies environmental water quality issues, works with the data the students produce, according to the article. Nelson and her colleagues decided studying dragonflies would be the best way to measure mercury levels, and in the fall the students gathered dragonfly larvae for the study, the article states. Nelson said citizen science can promote scientific understanding throughout communities and help train a new generation of scientists. “There’s a kind of stereotypical view of a scientist in a white lab coat working on highly technical equipment that’s very expensive,” she said. “We help students understand there’s lots of ways to do science. Science is just figuring out how the world works.”

Students Talk About Upcoming School of Performing Arts Benefit Concert on WABI

14 Jan 2015

University of Maine students Ben McNaboe and Tori Mason spoke with WABI (Channel 5) about the upcoming

student-run benefit concert “150 Years of American Song: A Celebration of the University of Maine.” The Jan. 23 event at the Collins Center for the Arts will celebrate UMaine’s 150th anniversary and serve as a School of Performing Arts fundraiser. More than 75 students will bring to the stage selections from the Great American Songbook through performances by a full big band, string orchestra and singing groups. “It really showcases the dynamic nature of our students because not all of these students are majoring in music or even theatre or performing arts,” Mason said. “We’re all equally involved in the arts and really engaged.” UMaine alumnus and Broadway performer Merritt David Janes will perform during the concert and teach a free master class on musical theater on Jan. 22. WCSH (Channel 6) in Portland also aired a segment on the concert.

Extension Brings Seaweed Into Maine Kitchens

14 Jan 2015

Three experts will discuss sourcing, selecting and preparing seafood and seaweed Saturday, Feb. 21, from 10 a.m. to 1 p.m., at the University of Maine Cooperative Extension Cumberland County office, 75 Clearwater Drive, Falmouth. Barton Seaver, Hillary Krapf and Sarah Redmond will share their knowledge about Maine seafood and edible seaweed during the February edition of the yearlong “From Scratch: Your Maine Kitchen” series. Seaver, a National Geographic Fellow, chef and author, seeks to restore people’s relationship with the ocean, land and with each other — through dinner. In his book, “For Cod & Country,” he showcases seasonal seafood, vibrant spices and farm-fresh produce with recipes for family-friendly meals. In 2009, “Esquire” magazine named Seaver Chef of the Year and in 2008, “Bon Appetit” named his restaurant Hook one of the top 10 eco-friendly restaurants in America. Seaver, who accepted a Fellowship with the Explorer Program at the National Geographic Society, believes sustainability is an ecological and a humanitarian issue. He directs the Healthy and Sustainable Food Program at the Center for Health and the Global Environment at Harvard’s School of Public Health. Krapf founded the 2014 Maine Seaweed Festival, which highlighted diverse uses and benefits of seaweed as well as the seaweed industry in the state. She says while seaweed is low in calories, eating seaweed and sea vegetables shouldn’t be viewed as a fad diet trend. Krapf will showcase how to incorporate seaweed in soups and salads and demonstrate that it can be a comfort food. Seaweed, she says, is an ideal source of iodine, which is key for healthy thyroid function and overall health. Vitamin K, calcium, iron and essential trace minerals not easily found in other foods also are in seaweed and sea vegetables. Redmond, a marine associate with the Maine Sea Grant College Program at the University of Maine, says sea vegetables, which are both vegetables and seafood, bridge the gap between land and ocean. Maine is a major producer of wild foraged and cultivated sea vegetables. Maine seafood — including cod, clams, herring, lobster, mackerel, mussels and oysters — is a half-billion dollar industry that supports fishing families, working waterfronts, local economies and the state’s heritage. Redmond will discuss when each seafood is in season, where it is fished and what to look for when choosing, buying and preparing it. Cost is \$40; proceeds benefit the UMaine Extension Nutrition Program in Cumberland County. For more details, or to request a disability accommodation, contact 207.781.6099, 1.800.287.1471 (in Maine), extension.rlreception@maine.edu. Additional installments in the “From Scratch: Your Maine Kitchen” series are slated to include “Weird Maine Fermentables” in March, as well as “Maine Cheese Pairings,” “Foraging Maine Greens” and “Drinking the Maine Harvest.” Some topics may change. Contact: Beth Staples, 207.581.3777

‘Growing the Taste of Maine’ Theme of Portland Flower Show Youth Essay Contest

15 Jan 2015

Maine youth are invited to describe their “Growing the Taste of Maine” garden in the Portland Flower Show student essay contest. Three prizes (\$50, \$30 and \$20) will be awarded in each of three age categories (6–9, 10–13 and 14–18). Essays will be judged on creativity, focus and passion in describing the garden and what grows in it. Winning essays will be announced at the opening night preview Wednesday, March 4; selected essays will be posted for viewing during the show, which runs March 5–8, 2015, at the Portland Company Complex, 58 Fore St., Portland. Wednesday, Feb. 11 is the deadline to enter the ninth annual contest, which is co-sponsored by University of Maine Cooperative Extension. For an application and rules, call 800.287.1471 or email amy.witt@maine.edu. Applications and information also are available at portlandcomapny.com and umaine.edu.

UMaine Facilities, Researchers Mentioned in Press Herald Article on Aquaculture

15 Jan 2015

The University of Maine was mentioned in a [Portland Press Herald](#) article about Maine's growing aquaculture industry. The article states fish farms are having an easier time getting loans from commercial lenders and are attracting capital from private equity investors, according to industry leaders and financial experts. Sebastian Belle, executive director of the Maine Aquaculture Association, said Maine's research facilities, such as UMaine's Darling Marine Center in Walpole and UMaine's Center for Cooperative Aquaculture Research (CCAR) in Franklin, are the best in North America, but the state faces a shortage of "intellectual capital" because few researchers specialize in aquaculture. Paul Anderson, director of the Aquaculture Research Institute, said there will be more opportunity for research projects soon, thanks to a \$20 million grant from the National Science Foundation, the article states.

One-Bid Wonders Features Friendship of UMaine Basketball Players

15 Jan 2015

[One-Bid Wonders](#) carried a feature about the friendship of University of Maine men's basketball teammates Zarko Valjarevic, a Serbian, and Marko Pirovic, a Croatian. While killing along ethnic lines occurred for more than a decade in the former Yugoslavia, these two are as close as brothers. Valjarevic was born in Belgrade, Serbia, in 1991, months before war was declared. Pirovic was born in 1994 to Croatian parents who had escaped to Canada. Basketball, they both said, brought them comfort. "You can tell their friendship is really deep right away," UMaine men's basketball coach Bob Walsh was quoted in the article. "They're both really intelligent — it's not like they don't know the history: they've been through it, they understand the history from their country. They get along so well, they're literally like brothers on the court and off the court." The [Bangor Daily News](#) also published the report.

UMaine Services Cited in Reports on Maine Agricultural Trades Show

15 Jan 2015

Programs and services offered by the University of Maine and the University of Maine Cooperative Extension were mentioned in articles about the Maine Agricultural Trades Show in Augusta. The [Kennebec Journal](#) reported on a talk given by a state inspector who described how to obtain a home food processing license in order to sell homemade jellies, jams and baked goods. The inspector said acidified foods, such as salsa, pickles, dilly beans and relishes, need to have the process approved by UMaine's Food Science and Human Nutrition Department, the article states. The [Sun Journal](#) article included quotes from Alexandra Tomaso, a business assistant at Pietree Orchard in Sweden, Maine, who is on the board of Maine AgrAbility, a program that assists farmers, loggers and fishermen with disabilities and chronic illnesses so they can remain active in production agriculture. AgrAbility is a nonprofit partnership between UMaine Extension, Goodwill Industries of Northern New England and Alpha One. "The coolest thing, I think, is [AgrAbility will] come to the farms and they do free assessments," Tomaso said. "There are so many options that people don't know are there. We just want to get the word out on how to stay safe and farm as long as you can."

Kersbergen Speaks with MPBN About Organic Milk Shortage in Maine

15 Jan 2015

Richard Kersbergen, a University of Maine Cooperative Extension educator on sustainable dairy and forage systems, was interviewed by the [Maine Public Broadcasting Network](#) for the report, "Organic milk scarce on Maine store shelves as demand outstrips supply." The shortage is caused by basic supply and demand, according to the report. "Organic milk production has been relatively flat in terms of the amount of milk being produced, but the demand is obviously going up," Kersbergen said. He added that transitioning from being a conventional dairy farmer to an organic dairy farmer could take up to three years.

Department of Wildlife, Fisheries, and Conservation Biology Celebrates New Name

16 Jan 2015

The University of Maine's Department of Wildlife, Fisheries, and Conservation Biology (WFCB) formally recognized its new name and celebrated the department's tradition of education and research at a recent event. The division, previously known as the Department of Wildlife Ecology, officially changed its name in September 2014 to better reflect its current graduate and undergraduate programs. About 300 supporters of the department were invited to the Jan. 15 event on campus. "The change directly mirrors the department's academic structure," says Lindsay Seward, an instructor and coordinator of the undergraduate ecology and environmental sciences program. Wildlife education at UMaine began with the establishment of the Maine Cooperative Wildlife Research Unit in 1935 and approval of a master's degree in wildlife management. A bachelor's degree in wildlife management was created in the mid-1940s, and master's and Ph.D. degrees were offered in 1983 with the creation of the Department of Wildlife in a new College of Forest Resources. In 1994, the name was changed to the Department of Wildlife Ecology. The Department of Wildlife, Fisheries, and Conservation Biology offers programs that lead to undergraduate and graduate degrees. Undergraduate students pursue concentrations in fisheries, wildlife science and management, and conservation biology. Over the past several years, WFCB has experienced growth in both academics and research. Undergraduate enrollment has nearly doubled over a four-year period and research productivity continues to be high, according to department officials. "We look forward to a promising future as our program continues to grow and evolve to meet the conservation needs of today," says Daniel Harrison, current chair of the department. The curriculum offered through the Department of Wildlife, Fisheries, and Conservation Biology allows students to meet the requirements for professional certification by the American Fisheries Society and The Wildlife Society. Aquatic and fisheries work within the department has increased over the last decade. More than 40 percent of current graduate students have projects that are directly linked to commercial and recreational fisheries, according to Joseph Zydlewski, an associate professor in the department and assistant leader of fisheries for the Maine Cooperative Fish and Wildlife Research Unit. The name change also conforms to similar college departments throughout the country, as well as state agencies and the U.S. Fish and Wildlife Service. Contact: Elyse Kahl, 207.581.3747

BDN Advances Orono Community Theatre Play in Cyrus Pavilion

16 Jan 2015

The [Bangor Daily News](#) reported Ten Bucks Theatre Company and Orono Community Theatre are coming together for the first time to offer Arthur Miller's "Death of a Salesman" at the Cyrus Pavilion Theater on the UMaine campus. The Cyrus Pavilion Theater was named after Orono Community Theatre director Sandy Cyrus' late husband and former UMaine theatre professor Edgar Allan "Al" Cyrus. Bringing both acting groups to the theater means a lot to the directors — Sandy Cyrus and UMaine theatre instructor Julie Lisnet, who was a student of Al Cyrus, according to the article. "We all feel so much affection for this building. Al had his eye on the building for so long. It was a sheep barn when I was a student at UMaine," Lisnet said. "There's a lot of memories here. It means a lot to all of us." The play is slated for 7 p.m. Jan. 16–17 and Jan. 23–24; and 2 p.m. Jan. 18 and 25. The Maine Edge also published an article on the play.

Kennebec Journal Covers Jackson's Farm Marketing Session at Trades Show

16 Jan 2015

The [Kennebec Journal](#) covered an online marketing session for farmers led by Tori Jackson at the 74th Maine Agricultural Trades Show in Augusta. Jackson, an associate professor with the University of Maine Cooperative Extension, spoke about the importance of marketing a farm like any other business. "The first thing you want to do is sell things your customers want. Sometimes that's not going to match what you think you want to do initially," Jackson said. The presentation targeted startup farmers or those seeking to change or grow their business, according to the article. Jackson stressed the importance of building a brand and creating an online presence.

Press Herald Reports on FY16 Community Conversation

16 Jan 2015

The [Portland Press Herald](#) covered the University of Maine's FY16 Community Conversation, a follow-up to a similar

gathering held in October. UMaine President Susan Hunter; Jeff Hecker, executive vice president for academic affairs and provost; and Ryan Low, interim vice president for administration and finance, spoke during the event. The officials said they expect to cut \$8.5 million from the school's \$242 million budget the year ending June 2016 without layoffs or eliminating academic programs, according to the article. The officials also said enrollment and credit hours are up this year, boosting tuition revenue.

Capps Part of Mexican Stream Ecology Collaboration to Study Urban Rivers

16 Jan 2015

Krista Capps, a research assistant professor in the University of Maine Department of Wildlife, Fisheries, and Conservation Biology, is leading a project that aims to provide the foundation for greater understanding of urban rivers in developing countries. The project, "Mexican Urban Stream Ecology Collaboration (MUSE)," received a \$60,690 grant from the National Science Foundation for initial data gathering in Mexico. Much of what scientists know about the influence of urbanization on stream ecology comes from studying rivers and streams in countries such as the United States and Australia, according to the researchers. However, urban rivers in developing economies may be used by humans for sources of untreated drinking water, direct conduits for sewage and freshwater fisheries. Understanding how biological communities and processes are affected by increasing urbanization is essential to correctly manage urban watersheds in developing regions, the researchers say. MUSE will bring together stream ecologists and fish biologists from the United States and Mexico to begin to understand the links among urbanization, stream ecology, and freshwater fisheries in southern Mexico. The researchers say they hope the project initiates a new collaboration that will generate knowledge and resources for scientists and natural resource managers.

Mount Desert Islander Previews Riordan's American Revolution Talk

20 Jan 2015

The [Mount Desert Islander](#) reported Acadia Senior College in Bar Harbor will host University of Maine history professor Liam Riordan at its Food for Thought program at Birch Bay Village in Halls Cove on Jan. 23. Riordan is expected to present his talk, "Does the American Revolution Look Different from the Penobscot River?" His presentation will focus on three events of the Revolution — the capture of the Margareta, the burning of Falmouth and British control of Castine — to better understand the Revolution in Maine, according to the article.

NYT Cites Peterson's Work with Horse Racing Association

20 Jan 2015

Professor of mechanical engineering Michael Peterson's work with the New York Racing Association was cited in the [New York Times](#) and [Queens Chronicle](#) following the deaths of 11 horses since late November while running at Aqueduct Racetrack. The [New York Racing Association](#) is working with Peterson, executive director of the Racing Surfaces Testing Laboratory in Orono, as one measure to ensure the safety of equine athletes and jockeys.

BDN Advances Student-Run School of Performing Arts Benefit Concert

20 Jan 2015

The [Bangor Daily News](#) reported on the upcoming student-run benefit concert "150 Years of American Song: A Celebration of the University of Maine." The Jan. 23 event at the Collins Center for the Arts will celebrate UMaine's 150th anniversary and serve as a School of Performing Arts fundraiser. More than 75 students will bring to the stage selections from the Great American Songbook through performances by a full big band, string orchestra and singing groups. UMaine alumnus and Broadway performer Merritt David Janes will perform during the concert and teach a free master class on musical theater on Jan. 22. "[Janes] has experienced much success since leaving UMaine, so this is a great opportunity to have an artist of his caliber perform on stage alongside our students," said Ben McNaboe, a music education major who is the show's music director and conductor. "It's just an unbelievable experiential learning experience for us all."

Media Cover Annual Rev. Dr. Martin Luther King Jr. Breakfast at UMaine

20 Jan 2015

The [Bangor Daily News](#), WABI (Channel 5) and WLBZ (Channel 2) reported on the annual Rev. Dr. Martin Luther King Jr. Breakfast sponsored by the Greater Bangor Area NAACP and the University of Maine. Wabanaki reconciliation was the focus of this year's keynote address by Esther Attean and Denise Altvater, advisers to the Maine Wabanaki-State Child Welfare Truth & Reconciliation Commission. "For me, the work of Martin Luther King was about giving everyone a voice," Altvater said. The [Portland Press Herald](#) also mentioned the breakfast in a report on celebrations around the state.

Jones, Mahon Guests on MPBN's 'Maine Calling'

20 Jan 2015

Nory Jones, a University of Maine professor of management information systems; and John Mahon, the John M. Murphy Chair of International Business Policy and Strategy, and professor of management at UMaine; were recent guests on the [Maine Public Broadcasting Network's](#) "Maine Calling" radio show. Jones and Mahon spoke about what it means for a corporation to be socially responsible.

Students Speak at Peace & Justice Center's MLK Celebration, BDN Reports

20 Jan 2015

The [Bangor Daily News](#) reported several University of Maine students were part of a panel discussion at the Peace & Justice Center of Eastern Maine's Martin Luther King Jr. Day celebration. The four members of the panel discussed being young and black today and cited experiences both on and off campus, according to the article. The panelists were Izundu Ngwu, an international student from Nigeria; Ronald Robbs, an elementary education major and president of the Black Student Union at UMaine; Ogechi Ogoke, a chemical engineering major and president of the UMaine chapter of the National Society of Black Engineers; and Muna Abdullahi, director of Multicultural Student Life on campus. Each stressed the need to achieve King's dream that people should not be judged by the color of their skin, the article states. "Maine may be one of the whitest places I've ever lived, but it also may be one of the most open and accepting places," Ogoke said. "You are able to grow here as an individual."

Pendse Awarded Funds to Encourage Involvement of Females in Forestry

20 Jan 2015

Sheila Pendse, a project development associate in the Dean's Office of the University of Maine College of Engineering, is leading a project that aims to engage female middle school students from rural Maine communities in forest bioproducts research programs and STEM careers. The Engineering Information Foundation recently awarded Pendse \$12,540 to create a Sustainable Energy Leaders of the Future (SELF) group to address the need for a diverse workforce in the state's forest industry. Girls Engineer Maine (GEM), a statewide educational outreach program designed to increase the number of women studying engineering, aims to start the education initiative by promoting awareness about the responsible use of a forest ecosystem among middle school girls. The project's objective is to introduce about 80 girls to forest bioproducts research for potential renewable energy sources and value-added materials that will provide STEM career opportunities within Maine's forest industry, according to the researchers. SELF will pair each participant with a female mentor who is enrolled in an undergraduate STEM degree program at UMaine. When the participants start high school, they will have the opportunity to create research projects in sustainable forest management and forest bioproducts, the researchers say.

Football Team Announces 2015 Schedule

21 Jan 2015

The University of Maine football program has released its 2015 schedule. The season is highlighted by a pair of Football Bowl Subdivision (FBS) contests at Boston College and Tulane, a home game against Yale, and a competitive set of Colonial Athletic Association (CAA) league contests where UMaine will face all three CAA teams who made the NCAA FCS Playoffs in 2014. The Black Bears' season opener is Sept. 5 at Boston College. The team's first home game will be Sept. 26 against Rhode Island. UMaine closes out the regular season at New Hampshire on Nov. 21. "When we informed our team of the 2015 schedule I was taken by the level of excitement in the eyes of our players," says head coach Jack Cosgrove. "This is as challenging a schedule as we've ever encountered here to two FBS games and a great Ivy League opponent in Yale for our non-conference slate. The CAA segment speaks for itself, we need to be ready each and every Saturday. So our fans know, our preparation for this great schedule has already begun." Season tickets are on sale and can be reserved by calling the ticket office at 207.581.BEAR or 800.756.TEAM. The full schedule and news release are online.

Students Prepare for School of Performing Arts Benefit Concert, WABI Reports

21 Jan 2015

WABI (Channel 5) reported on a rehearsal of University of Maine students for the upcoming student-run benefit concert "150 Years of American Song: A Celebration of the University of Maine." The Jan. 23 event at the Collins Center for the Arts will celebrate UMaine's 150th anniversary and serve as a School of Performing Arts fundraiser. More than 75 students will bring to the stage selections from the Great American Songbook through performances by a full big band, string orchestra and singing groups. Morgan Cates, a business administration major who will emcee the event, said proceeds from the concert will go toward SPA outreach programs that place UMaine students in the community and public classrooms to "spread the joy of the performing arts." The concert also was mentioned on WVII (Channel 7) and in the [Bangor Daily News](#) column, "5 things to do this weekend."

MCSPC to Honor Barton Seaver as Distinguished Maine Policy Fellow

21 Jan 2015

Editor's note: Due to the predicted snowstorm, this event will not be held Tuesday, Jan. 27. Efforts will be made to reschedule. Chef, author and sustainable food system expert Barton Seaver is being honored by the Margaret Chase Smith Policy Center (MCSPC) as a Distinguished Maine Policy Fellow at a reception at 4 p.m. Tuesday, Jan. 27, at the University Club, Fogler Library at the University of Maine. The MCSPC is a nonpartisan, independent, research and public service unit of UMaine. Seaver works collaboratively with industry and institution leaders, policymakers, media and conservationists and is a leading voice for sustainable food systems. The director of the Sustainable Seafood and Health Initiative at the Center for Health and the Global Environment at the Harvard School of Public Health spearheads initiatives to inform citizens about how menu and diet choices can promote healthier people, more secure food supplies and thriving communities. "Esquire" magazine's 2009 Chef of the Year also is on a mission to restore people's relationship with the ocean, the land, and with each other — through dinner. Seaver is both a National Geographic Society Fellow and the first Sustainability Fellow in Residence at the New England Aquarium, where he educates restaurant and culinary school staffs about sustainable seafood. In 2012, then-Secretary of State Hillary Clinton named Seaver to the United States Culinary Ambassador Corp. The Jan. 27 event is co-sponsored by University of Maine Cooperative Extension, Maine Sea Grant College Program at the University of Maine, Maine EPSCoR at the University of Maine and the university's School of Marine Sciences. The MCSPC brings Fellows to campus each semester to teach an undergraduate class, engage faculty in discussions about research and public policy, tour research projects and meet with UMaine administration and graduate students. By connecting Maine leaders with students and faculty, the program stimulates interest in state policy research and gives policymakers a better understanding of the value of the university.

Student Innovation Center named Nonprofit of the Year

22 Jan 2015

The University of Maine Foster Center for Student Innovation has received the Nonprofit of the Year Award from the

Bangor Region Chamber of Commerce. The award was presented at the chamber's annual dinner, Jan. 21 at the Cross Insurance Center, Bangor. The Foster Center supports student entrepreneurs and innovators. In FY14, it counseled students, provided business workspace for student-run companies, and supported internships and extracurricular training in workplace skills. The center is the home of the Innovation Engineering program and is part of the Blackstone Accelerates Growth initiative. The Foster Center is part of the UMaine Office of Innovation and Economic Development, which provides leadership in working with organizations to leverage UMaine's assets to build and grow Maine's economy. In addition to commercializing technologies developed in its research facilities, Innovation and Economic Development offers access to R&D expertise, facilities and equipment to Maine companies, coaches businesses bringing products to market, trains innovators and entrepreneurs, and provides business incubation services for startups.

Smith's Research Hot Topic for ScienceInsider

22 Jan 2015

Top 10 lists are compiled annually — last year there were lists for best books, Seinfeld characters, movies and restaurants. In 2014, an article about a University of Maine professor's research made a best-read list. Michelle Smith, assistant professor in the School of Biology and Ecology, co-authored a paper about teaching approaches. Aleszu Bajak penned "[Lectures Aren't Just Boring, They're Ineffective, Too, Study Finds](#)," for ScienceInsider about the research that Smith and others conducted with lead author Scott Freeman of the University of Washington, Seattle. The piece was ScienceInsider's third most popular of the year, just behind pieces on plagiarism and Ebola. The researchers re-analyzed 225 studies that compared grades of students enrolled in undergraduate science, engineering and mathematics courses taught in a typical lecture format with the grades of students in STEM courses that utilized active learning methods. Freeman, Smith and others found students in classes that incorporated active learning techniques were 1.5 times more likely to pass than those in traditional lecture format classes. In addition, they found students in active learning sections earned grades nearly one-half a standard deviation higher, or, for example, a B rather than a B-, than students listening to a lecturer. The well-read study, "Active learning increases student performance in science, engineering, and mathematics," was published online in the Proceedings of the National Academy of Sciences of the United States of America. In Bajak's ScienceInsider article about the study, Harvard University physicist Eric Mazur was quoted saying the research is important and that "it's almost unethical to be lecturing if you have this data." He continued, "It's good to see such a cohesive picture emerge from their meta-analysis — an abundance of proof that lecturing is outmoded, outdated, and inefficient." Also in December, Smith and Farahad Dastoor, lecturer of biological sciences, were highlighted in a National Science Foundation story titled "[Rules of engagement: Transforming the teaching of college-level science](#)." Thanks to Smith and Dastoor, 800 UMaine students in three introductory biology sections utilize clickers (response devices) and engage in small group conversations rather than sitting and listening to information dispensed by a "sage on a stage." Smith "is helping to re-envision science education on her campus as well as across the country," says the article. In 2013, Smith became principal investigator on four projects and co-principal investigator on another that were granted \$6.8 million in total funding from the National Science Foundation; [UMaine's portion](#) was \$1,012,269. The projects are aimed at improving nationwide science instruction and assessments. The studies are collaborative with other universities and involve UMaine administrators, faculty, postdoctoral and graduate students, undergraduates and area K-12 teachers. Contact: Beth Staples 207.581.3777

School of Marine Sciences Program Gives Students a Global Perspective

22 Jan 2015

Kathleen Marciano's interest was piqued last spring when professor Fei Chai announced in class that summer marine science internships were available in China. Marciano and friend and classmate Timothy (TJ) Goodrow decided to apply. In May, they learned they had been accepted and in mid-June, the University of Maine students boarded a plane destined for at Xiamen University on the coast of Fujian Province. "...[I]t was a pretty hectic process; it happened so fast, it didn't seem real," says Marciano, who in December completed her degree in marine science with a concentration in aquaculture. The 22-year-old from Scituate, Massachusetts says she's always loved the ocean. "Once I got to UMaine I became interested in aquaculture because I believe it to be one of the few ways to sustain a seafood industry while reducing fishing stress on the oceans," Marciano says. The internship in China, she says, was a valuable educational,

cultural and life experience. The educational component included working in an environmental toxicology lab 50 hours a week for two months. She studied chronic effects of butyl methoxydibenzoylmethane (used in skin sun protection products to absorb ultraviolet radiation) on the development of the marine copepod *Tigriopus japonicus*. Goodrow called his internship a once-in-a-lifetime experience to view the world from a vastly different perspective. “Traveling across the world is not for everyone,” says Goodrow, 22, of Ayer, Massachusetts. “It takes a strong-willed person to complete the challenge, but in more ways than one, it changed me into a better person and I would recommend anyone to do the same.” And Goodrow plans to take more challenges; after he graduates in May with a degree in marine science and minor in aquaculture, he plans to travel the world. Students’ pursuit of excellence at Xiamen University made quite an impression on Marciano. Founded in 1921, the university’s motto is “Pursue Excellence, Strive for Perfection.” “Before I went to China I wasn’t sure what I wanted to do after I graduated from UMaine,” she says. “When I ... saw how hard the students worked — most of our friends were grad students — I knew I wanted to do the same. I also learned a lot of valuable things from my research that have helped me in classes and in writing my capstone paper. I did environmental toxicology for my capstone.” Marciano also appreciated the opportunities to see sights, explore and learn about China’s history and culture. In Fuzhou, the capital of Fujian Province, she toured museums and ancient dynasty sites. She also rode on a train for 24 hours to reach Wuyi Shan — a wild, protected mountainous area that includes rare wildlife species. She says it’s the most beautiful place she’s ever visited in her life. “...All the mountains and crazy wildlife made me really appreciate where I was and how lucky I was to get such a unique experience,” she says. Due to her unfamiliarity with the Chinese language and due to the intense heat and humidity, Marciano says she occasionally felt lonely, weary and dependent. But she says the new friends she made in Xiamen were the nicest, most genuine and helpful people she’s ever met. “I also loved attempting to learn Chinese, emphasis on *attempting*,” she says. “My friends loved teaching me words and phrases, and no matter how badly I butchered them I still felt like I was learning.” Communicating also was sometimes a challenge for Goodrow. But he says many people in China spoke some English and he used actions to convey his intentions. Like Marciano, he says the extreme heat and humidity, as well as the rich food, took some getting used to. Goodrow says the internship — which included lab work and traveling to aquaculture farms — significantly enhanced his knowledge of marine science. The rural communities along the coast cluster around aquaculture farms and organisms raised there, he says. “The communities are like families — selfless groups of people with the same goal of bettering themselves by working hard,” Goodrow says. “I was so impressed by the tenacity of the aquaculture farmers and their ingenious methods of culturing species of abalone (snail), shrimp and sea urchins.” Chai, director of the School of Marine Sciences at UMaine, says the exchange program provides students with opportunities to enhance their learning experience and gain a more comprehensive perspective, which will help them in their careers, and will benefit marine science. “We need to foster global thinking to meet the challenges and issues of the 21st century,” says Chai, who earned his undergraduate and master of science degrees at Shandong College of Oceanology (now Ocean University of China), on the coast of China about 690 miles north of Xiamen University. “We’re all interconnected and we need to understand each other’s cultures and concerns. And we need to try to find common solutions to address global issues.” During the fall 2014 semester, 25 students, including 17 from Brazil and eight from China, attended UMaine through the marine science exchange program. Of the eight students from China, four took classes at the flagship university in Orono and four studied at UMaine’s seaside Darling Marine Center in Walpole. Xiamen University students Yuwei (Talifin) Wang, 20, and Xiaoling (Zoe) Zhou, 19, studied on the Orono campus and Ocean University of China students Shuling (Shirley) Chen, 20, and Yumeng (Julie) Pang, 19, studied at DMC. These four exchange students say they started learning English at 5 or 6 years of age. Wang is from Beijing, an ancient city with a population of 22 million people and Zhou is from Chengdu City; the natural home of giant pandas has a population of about 14 million. At Xiamen University, which has 38,000 full-time students on its three campuses, Wang says his schedule is “study, study, study.” The standard protocol, he says, is for professors to lecture the 140 or so students in class, and for students to sit and take notes. Wang liked the interaction between instructors and students at UMaine, which has an enrollment of about 11,300. “Here in Maine, we talk with people with different ideas and use knowledge to solve problems in class,” he says. Zhou appreciated the participatory approach, as well. “The way of thinking in China is to receive knowledge from the teacher,” Zhou says. “Here, it is more active. We ask questions and have to figure things out ourselves.” Chen, of Changsha, Hunan Province, and Pang, of Linyi, Shandong Province, were impressed with the hands-on learning they participated in at DMC. “I think I totally engaged in the courses and experience...,” says Pang, who liked the scent of the ocean. “We have been lots of places for social research or field trips and I also conducted an independent study with the help of several professors; we really had a good time on that. If you really want to get to learn the marine science and you have a strong interest in marine science, you can experience it [at] Darling Marine Center. Chen was thrilled to be immersed in the ocean environment and said that multiple field trips and cruises provided the opportunity to “connect theory with reality.” “I feel ... much closer to real marine science than

before and I really like marine biology,” Chen says. Pang liked participating in community events, including oyster and pumpkin festivals, and Chen enjoyed spending the Christmas holiday — “one of the best and sweetest time periods here” — with research associate professor Rhian Waller. The DMC food was delicious and the people were friendly, says Pang who, like Chen, said the Maine winter temperatures were a shock. The exchange students returned to China in late December. Chai says five students from Xiamen University have been accepted to study marine science at UMaine in fall 2015. Contact: Beth Staples, 207.581.3777

Seahawks Undefeated Since Inspirational Mask From Hudson Museum Delivered to Seattle

22 Jan 2015

When the Seattle Seahawks lost 24–20 to the Kansas City Chiefs on Nov. 16, 2014, the defending Super Bowl champions were 6–4 and reeling. But a week later, the Seahawks won the first of six straight regular-season contests. In the ensuing Divisional Playoff, the top-seeded Seahawks trounced the Carolina Panthers, then clinched a have-to-see-it-to-believe-it 28–22 victory over Green Bay in the NFC title game. Some followers say Seattle’s resurgence might be attributed to several factors — key players became healthy, teammates aired their grievances and Percy Harvin was traded. Gretchen Faulkner, director of the Hudson Museum at the University of Maine, has another theory. On Nov. 18, two days before Seattle began its return to glory, the transformation mask that inspired the Seahawks logo was unveiled at the Burke Museum at the University of Seattle, Washington. The Hudson Museum had loaned the mask to the Burke Museum to be included in its *Here & Now: Native Artists Inspired* exhibit that runs until July 27, 2015. A Kwakwaka’wakw (kwock-KWOCKY-wowk) artist or artists carved the cedar mask in the late 19th or early 20th century. Kwakwaka’wakw is an Indigenous people of the Pacific Northwest Coast. The brightly colored cedar mask has mirrors for eyes. When closed, it’s 2 feet long and depicts a bird of prey. When open, it’s 3 feet long and reveals a painted representation of a human face. Masks are traditionally worn in Kwakwaka’wakw ceremonies that include singing, dancing and giving gifts, and often memorialize a deceased chief. The mask was in good company at the Seattle unveiling, where Kwakwaka’wakw community members George Me’las Taylor and Andy Tanis Everson blessed the mask and performed a welcome dance. Jim Zorn, Seattle quarterback from 1976–81, also spoke. The Lombardi trophy was situated nearby. Faulkner traveled to the West Coast for the unveiling at the Burke Museum, which raised funds to have the mask transported across country. She is pleased the people of Seattle can view the mask in person. But she hopes any luck the mask may have brought to the Seahawks runs out before Sunday, Feb. 1, when they face off with the Patriots in Super Bowl XLIX in Glendale, Arizona. Faulkner delivered remarks at the celebratory event, saying, “When you live in Maine, you don’t customarily root for the Seahawks, but [2014] was an exception, as among the collection of the Hudson Museum at the University of Maine was a mask linked to the team.” She noted other connections that UMaine has with New England’s beloved Patriots and the Seahawks. In 2005, the Seahawks drafted Mosiula Mea’alofa Tatupu, who played one year of college football for the Black Bears. Tatupu’s father, Mosi Tatupu, played 13 seasons for the Pats, from 1978 to 1990. In addition, the transformation mask was once owned by artist Max Ernst, who, for a time, lived in Arizona, the state where the Super Bowl is being played. Faulkner has issued a friendly wager with Burke Museum counterpart Julie Stein. If Seattle wins the contest, Faulkner says she’ll ship a “lobstah dinner” to Stein. If the Patriots win, Stein will send a Dungeness crab feast to Faulkner. Faulkner says Richard Emerick, the late UMaine anthropologist and founder of the Hudson Museum, told her years ago the wooden mask was the inspiration for the Seahawks logo that was introduced in 1975. But there was no corroborating information in the mask’s collection file linking it to the team. In 1982, avid baseball fan William Palmer of Falmouth Foreside, Maine, had bequeathed the mask, as well as other Northwest Coast art and an extraordinary collection of Pre-Colombian artifacts, to UMaine. After the Seahawks Super Bowl win over the Denver Broncos on Sunday, Feb. 2, 2014, Faulkner told museum board member Isla Baldwin what Emerick had shared with her years before. While researching online, Baldwin discovered a blog written by Robin K. Wright, curator of Native American art and director of the Bill Holm Center at Burke Museum. A few days before Super Bowl XLVIII, Wright posted a blog “Searching for what inspired the Seattle Seahawks logo.” In her blog, Wright attributed the mask to the Kwakwaka’wakw and included a photograph of the inspiration mask from Robert Bruce Inverarity’s 1950 book, “Art of the Northwest Coast Indians.” The mask in the photograph was the same mask displayed at the Hudson Museum, catalogue number HM5521. In a televised interview just prior to the Super Bowl, Wright said she hoped the blog and TV interview might unearth the location of the mask. That it did. And it set in motion a number of interesting events. Contact: Beth Staples, 207.581.3777

Academic Affairs Faculty Forum to Focus on Evaluation of Student Learning Outcomes

22 Jan 2015

The Faculty Senate Executive Committee and Provost Jeff Hecker are pleased to invite members of the university community to participate in the second Academic Affairs Faculty Forum of the year. The open forum, focusing on evaluation of student learning outcomes in foundational areas, will be held from 3–4:40 p.m., Feb. 4, in the Bangor Room, Memorial Union. The meeting will continue the dialogue started at the Faculty Forum on Oct. 6, 2014 focused on “Foundational Competencies for the 21st Century.” In that forum, a panel of faculty members discussed the learning outcomes identified through the LEAP Initiative of the AAC&U. A sense emerged at the forum that the LEAP outcomes have value and that, while we think UMaine is doing well providing our students the opportunities to develop these competencies, we need to assess more effectively. Subsequent to the Oct. 6 forum, Brian Doore, director of assessment, and Kirsten Jacobsen, associate professor of philosophy, attended a meeting regarding the Multi-State Collaborative (MSC), an agreement among signatory states to work together on a pilot project to test a process for learning outcomes assessment based on the LEAP VALUE rubrics. UMaine has now been invited to join the MSC. The Feb. 4 forum will focus on what this means for UMaine and how interested faculty can get involved. You can find relevant background materials, including video of the Oct. 4 forum, linked on the Provost’s [Web page](#). Forum participants are encouraged to look over some of the background information prior to the forum. Additional information, including a link to a video of the forum and a summary of key topics discussed, will be added after the meeting. There will be a space where faculty members can submit reactions, comments or questions.

Former State Attorney General, Politician to Speak at UMaine

22 Jan 2015

The University of Maine will host former state attorney general, politician and alumnus James Tierney Feb. 10–11. Tierney, who served in the Maine State Legislature, was the state’s attorney general from 1981–1990 and the Democratic candidate for governor in 1986. While attorney general, he was active in litigation against the tobacco industry. Tierney currently teaches at the law schools of Harvard and Columbia. At Columbia Law School he directs the National State Attorneys General Program. He also has served as a consultant to emerging democracies in Eastern Europe and has worked to oversee elections in Albania, Bulgaria, Cameroon and Croatia. Tierney will deliver the talk, “Race and American Justice,” from 11 a.m. to noon Wednesday, Feb. 11 in the Estabrooke Ballroom. He will discuss recent grand jury decisions in Ferguson, Missouri and New York City, and the role race plays in the American justice system. Tierney also will lead a session for students from 4 to 5 p.m. Tuesday, Feb. 10 in the FFA Room of the Memorial Union. He will speak about his career in law, share experiences from his time as attorney general and offer advice to students considering law school and a career in the legal profession. The session is hosted by the UMaine Political Science Department and the UMaine Pre-Law Society. For more information or to request a disability accommodation, contact Robert Glover at 581.1880 or robert.glover@maine.edu.

UMaine Graduate to Discuss Ancient, Modern Hurricanes During Honors Lecture

22 Jan 2015

Amy Benoit Frappier, a University of Maine graduate and Skidmore College professor, will deliver the 2014–2015 Distinguished Honors Graduate Lecture on Monday, Feb. 2. Frappier will speak about “The Natural Philosophy of Hurricanes in the Anthropocene” at 4 p.m. in the Buchanan Alumni House. She will discuss the study of ancient and modern hurricanes, the consequences of a changing Earth and what it means for humans to be a small part of a global force. Frappier graduated from UMaine with Honors and a degree in geological sciences in 1999. She earned her Ph.D. in Earth and environmental sciences from the University of New Hampshire in 2006. Frappier currently is an assistant professor in the Department of Geosciences at Skidmore College and serves as the Charles Lubin Family Professor for Women in Science. In 2002, the Distinguished Honors Graduate Lecture series was established to show appreciation to UMaine Honors graduates and to recognize their accomplishments, vision and connection with UMaine.

BDN Publishes ‘My Maine Culture’ Digital Postcard Collaboration with UMHC

22 Jan 2015

The [Bangor Daily News](#) published 50 digital postcards as part of its “My Maine Culture” collaboration with the University of Maine Humanities Center. The project was created to celebrate Maine’s sense of place. In December, members of the public were invited to submit a digital postcard — an image or video with accompanying text — that captures their Maine culture or what they love about the state. Highlights from the collection are now online and will contribute to the Downtown Bangor Public Humanities Day. The events kick off 6 p.m. Friday, Jan. 23 with a humanities-themed PechaKucha presentation at Coe Space, 48 Columbia Street, where BDN editor Erin Rhoda will share examples from the collection. The Maine Folklife Center also may choose to preserve the digital postcards in its archives. More information about the Downtown Bangor Public Humanities Day is [online](#).

Coach, Players Talk to BDN About Under-Inflated Footballs

22 Jan 2015

Jack Cosgrove, head coach of the University of Maine football team, and several players spoke with the [Bangor Daily News](#) about under-inflated footballs in response to the NFL’s investigation of the New England Patriots. Cosgrove said he was confused about the circumstances surrounding the investigation. “How did the air come out of the balls?” Cosgrove asked. “Why didn’t the referees recognize it during the game, since they handled the footballs? Are they kicking the same footballs? If they are using under-inflated balls, that’s a huge disadvantage to the kickers.” Cosgrove and the players told the BDN air pressure does affect passing ability — making it easier to grip if it’s rainy, but harder to kick or throw, especially in windy conditions.

Riordan Writes Op-Ed on Humanities for BDN

22 Jan 2015

Liam Riordan, a University of Maine history professor, board member of the Maine Humanities Council and director of the UMaine Humanities Center, wrote an opinion piece for the [Bangor Daily News](#). In his article, “The world needs the humanities, and UMaine is responding,” Riordan cited the UMaine Humanities Center’s third annual Downtown Bangor Public Humanities Day, scheduled for Jan. 24 with a kickoff event Jan. 23.

Foster Center Receives Award at Bangor Chamber Dinner, Media Report

22 Jan 2015

The [Bangor Daily News](#) and WABI (Channel 5) reported the Foster Center for Student Innovation at the University of Maine received the Nonprofit of the Year Award from the Bangor Region Chamber of Commerce. The award was presented at the chamber’s annual dinner, Jan. 21 at the Cross Insurance Center, Bangor. The Foster Center supports student entrepreneurs and innovators and is part of the UMaine Office of Innovation and Economic Development, which provides leadership in working with organizations to leverage UMaine’s assets to build and grow Maine’s economy.

Audrey Cross, Ashley Thibeault and Danielle Walczak: Collaborative Researchers

22 Jan 2015

University of Maine Honors College undergraduates Audrey Cross and Ashley Thibeault tracked all of UMaine Dining’s food purchases for several months last year; they tracked everything from mayonnaise to sushi-grade tuna. Then they crunched the numbers, noting the percentage of food purchased from local producers. They discovered that UMaine stacked up well against other universities with 15 percent of all food coming from local sources dedicated to sustainable practices. They reported their findings in a poster presented at the Maine EPSCoR State Conference in December. “We want to see if we can get the university to commit to a goal of 20 percent by 2020,” says Cross, a junior, whose work is based on the Real Food Challenge — a national student movement to create sustainable food goals. “Where our food comes from means something. We want students to get in the habit of thinking that way, so after they graduate they can’t go back to, like, the ambiguous tomato.” The research and analysis were made possible by grants from a new initiative of UMaine’s Honors College. The Sustainable Food Systems Research Collaborative

(SFSRC) brings together students, faculty and community partners to enable an interdisciplinary approach to solving problems of food production and distribution, as well as hunger. SFSRC faculty also see a broader role for the collaborative as a center for innovative solutions to multiple aspects of food systems: social, cultural and economic, as well as physical boundaries and personal challenges. Students of any major are welcome and encouraged, faculty say. Cross and seniors Thibeault and Danielle Walczak are the first fellows of the program, which received seed funding from the Senator George J. Mitchell Center for Sustainability Solutions. The fellowships allowed each student to expand their food-systems-related senior theses, granting them access to a network of faculty and community partners such as farmers and food service professionals. The grant also gave them time to dedicate themselves exclusively to the work for a month following last year's spring semester. The idea, say faculty affiliates, is to build a rich collaborative that includes undergraduate students at all levels, university researchers and a network of invested community partners. New lines of inquiry will build on previous students' work, making it possible to identify common factors and guiding principles that underlie studies in a variety of disciplines. "Working together the group leverages the multiple disciplines of the participants to generate a broad view of the food system landscape before individual members take on specific projects," says Francois Amar, dean of the Honors College. "The energy and enthusiasm of the first fellows has been incredible. In addition to wanting to focus on their own research problem or thesis topic, they were very open to reading and discussing articles and meeting with stakeholders who had broader concerns. Undergraduates are not yet fully integrated into a research discipline and so can often be very open to hybrid approaches to solving problems." Amar and colleagues say the research collaborative was born after they realized students such as Cross, Thibeault and Walczak were duplicating efforts. "My colleagues and I realized that a number of students were working on research related to the food system, but were doing so mostly in isolation," says Melissa Ladenheim, adjunct assistant professor in Honors and interim coordinator of advancement. "The support from the Mitchell Center allowed us to create a nerve center where we can coordinate these efforts. The collaborative fosters continuity in relationships and research that encourage students to engage in meaningful projects with real implications for our community partners." For Walczak that meant spending a lot of time on farms last year rather than cloistered in a library. Walczak, who is researching small Maine farms, met with several young farmers to assess their food production, business acumen and community connections. Her goal is to understand their lives, which mainly involve small, diversified livestock and vegetable production, and what their contributions mean to the state. She discovered that, despite Maine's aging population, young farmers who own small farms are on the rise. A journalism major, Walczak laid out her discoveries in a piece of literary journalism, outlining the struggles facing these new farmers such as land acquisition, availability of markets, climate change and capital. "There are successes, but I'm interested in looking behind the statistics and getting the real story: What are the struggles facing these farmers? What makes them tick? SFSRC has allowed me to be really thoughtful about my process and how I set up my project. I was able to discuss ideas and engage in a place-based approach toward our food system," she says. Amar sees the year-old collaborative growing far beyond its current incarnation. And though building a large database of original research will require the work of multiple students over several years, the collaborative is gaining attention. The SFSRC team gave a presentation on its model at the National Collegiate Honors Council meeting in Denver in November. The talk attracted interest from faculty and students. Next up is a session on food systems at the 2015 Maine Sustainability and Water Conference in March. SFSRC, says Amar, has potential implications beyond UMaine. "Tailoring community-based research to undergraduates is novel and, I think, may be transportable to other complex problems and other institutions," he says.

Tim Simons: From Cyrus Theatre to the Cinema

22 Jan 2015

Tim Simons, a 2001 University of Maine graduate with a bachelor's degree in theatre, is a long way from his childhood home in Readfield, Maine. He now stars as White House liaison Jonah Ryan on the Emmy-winning HBO series "Veep" alongside Julia Louis-Dreyfus, Tony Hale and Anna Chlumsky. Simons also has starred in several movies, including "Beneath the Harvest Sky," "The Interview" and the Oscar-nominated "Inherent Vice." Simons credits UMaine for his success and shares memories of when he was a student. **Catching the acting bug** The honest answer to why I chose UMaine may not be one UMaine would advertise with, but it may have been the only school I was accepted to. I wanted nothing more than to get out of the state. Unfortunately I wasn't a very good high school student. At least I was when I applied myself, which wasn't often. That being said, going to UMaine was ultimately how I found my way to the job I love, and friends I still keep in touch with. I loved every second of my time at UMaine. I became interested in acting when I was a freshman. Students in the Introduction to Directing Class in the Theatre Department had to direct 10-

minute plays and I auditioned for them. I caught the bug and stuck with it. I decided I was going to pursue acting professionally during my sophomore year after my first big show and with a lot of prodding from one of the graduate students — Claude Giroux. He was the one who put the thought in my mind that I could make a living in theatre.

Learning the hard way Sandra Hardy was my first acting teacher at UMaine. She was harsh, but that's how she should be. Nothing was ever really good enough. She hammered the basics into us. There are still things she taught me that I think about whenever I get a job. My classmates and I were never fancy, we weren't known the country over, but we worked hard, and we had talented people. We poured everything we had into the shows we did. We learned how to be professional. One thing Maine teaches you is that you aren't bigger than anything. Winter comes in, and it's cold — everyone gets cold the same. If I knew then what I know now, I would have done more, written more, created more work and put on more shows instead of waiting for the work to come to me. That's something I still struggle with. I wish I had set up those habits then, maybe I'd be better at that now.

Performing on campus I have far too many memorable UMaine moments to count, but one that sticks out is coming back to school early one fall to rehearse for "Glengarry Glen Ross." Campus was empty, and only the cast was there. It felt really cool. The Cyrus Pavilion Theatre was my favorite place on campus. It's still one of the best spaces I've ever performed in. I loved it.

Life beyond Maine Moving to Chicago and getting cast in my first play there were big professional milestones for me after graduating from UMaine. I also booked my first commercial gig in Chicago, which was for KFC. I was also an extra on the movie "Stranger than Fiction" and even though I got cut, it made me want to do more film work, and spurred my move to Los Angeles. Although I took some improvisation classes at Second City Chicago, the majority of my improv training comes from Upright Citizens Brigade in LA. I love their training because it seems to be less about making a funny joke and more about making a strong scene. The training is applicable to all performance, not just comedy. It's also been a huge help with the improvisational elements of 'Veep.' Now that I have kids, I keep looking for things in Los Angeles that remind me of my childhood in Maine that I can show them, but there aren't a lot of streams, creeks and forests to run around in out here. I'm trying to figure out how they can have a small-town experience, but it's not without challenges. I love LA though; it's a city that doesn't get a lot of love from New York or Chicago, but it's amazing. People should give it more credit.

It can't get any better Working on 'Veep' is fantastic. I love the job, and I love the people I work with. It's a job that artistically satisfies me and let's me support my family. It literally can't get better than that. My character Jonah Ryan is a guy that likes being close to power and likes having an important job at an important address. I think there is a shallowness and selfishness that people in this world have that is very directly relatable to Los Angeles. I'm working on my dream role right now. As far as future plans go, I just hope to continue to get work. I've always been a big fan of character actors who can jump from genre to genre, and I'd love to be able to do that. Steve Buscemi is an example. He can seamlessly play any genre — from leading man to bit part — and it's always memorable.

The importance of failing The advice I would give UMaine acting students is to create your own work and fail repeatedly. Also, get used to the word 'no;' you will hear it for years and years — more often than you will hear the word 'yes.'

Accounting Students to Offer Tax Filing Assistance

23 Jan 2015

Accounting students in the Maine Business School at the University of Maine are offering free federal and state income tax filing assistance to the public, under the supervision of Steven Colburn, associate professor of accounting. From Jan. 29 through April 10, except for the weeks of March 2 and March 9, free help sessions will be available 3:30–5 p.m. Thursdays, at 312 D.P. Corbett Business Building on campus, and from 10 a.m. to noon Fridays, at the Orono Public Library, 39 Pine St. Filers are asked to bring all their tax information for 2014 and, if they have it, a copy of their 2013 return. All filers' information will be treated confidentially. Colburn will review all tax returns before they are filed. To make a required appointment, contact Colburn, 581.1982, colburn@maine.edu.

Sun Journal Previews Maine Moose Festival in Bethel

23 Jan 2015

The [Sun Journal](#) reported the Bethel Chamber of Commerce and the University of Maine 4-H Camp and Learning Center at Bryant Pond will host the Bethel Maine Moose Festival from June 12 to 14. The annual Maine Moose Permit Lottery will be held June 13 in Bethel, according to the article.

Media Interview Faulkner About Museum Artifact, Possible NFL Team Logo Inspiration

23 Jan 2015

Gretchen Faulkner, director of the Hudson Museum at the University of Maine, spoke with WABI (Channel 5) and the [Portland Press Herald](#) about a native mask that belongs to the museum and may be the inspiration for the original team logo for the NFL's Seattle Seahawks. The wooden Northwest Coast transformation mask depicts a bird of prey when closed and reveals a painted depiction of a human face when opened. The mask is currently on loan to Seattle's Burke Museum and since the unveiling of the artifact at the Washington museum in November, the Seahawks have not lost a game. Faulkner said she hopes any luck the mask may have brought the Seahawks runs out before they play the New England Patriots in Super Bowl XLIX. The museum directors also have wagered a lobster and crab dinner on the outcome of the game, Faulkner said. [Co.Design](#) also reported on the mask.

UMaine Aquaculture Facilities, Research Cited in Free Press Articles

23 Jan 2015

University of Maine aquaculture facilities and research were quoted in articles by The Free Press titled "Farming the Blue Frontier." One of the articles focused on the growth of Maine sea farms and mentioned the diverse products in the state. The [article](#) cited Sea & Reef Aquaculture, a company that is housed at UMaine's Center for Cooperative Aquaculture Research (CCAR) and provides tropical marine fishes to the saltwater aquarium trade. CCAR in Franklin, UMaine's Darling Marine Center in Walpole and the Aquaculture Research Institute in Orono were mentioned as some of the best aquaculture research facilities in North America. Maine Sea Grant, UMaine's outreach marine education program, was cited in a related [article](#) on oysters and mussels. Maine Sea Grant is researching growing mussels and kelp together, with the kelp acting as a filter for the waste produced by the mussels, according to the article. UMaine's aquaculture facilities and efforts also were mentioned in an [Ellsworth American](#) article on the industry.

BDN Interviews Riordan, MacDougall About Public Humanities Day

23 Jan 2015

The [Bangor Daily News](#) spoke with Liam Riordan, a University of Maine history professor, board member of the Maine Humanities Council and director of the UMaine Humanities Center; and Pauleena MacDougall, director of the Maine Folklife Center, about the UMaine Humanities Center's third annual Downtown Bangor Public Humanities Day on Jan. 24 with a kickoff event on Jan. 23. "The humanities are vital and dynamic, but are often hard to explain in a general way," Riordan said. "The public humanities events showcase the range of activities that count as the humanities, from music and the visual arts to philosophy, film, oral history and more." Several events for participants of all ages will be offered at venues including the University of Maine Museum of Art, Bangor Public Library and Maine Discovery Museum. "We hope the program will provide stimulating discussions, will be fun and will build personal connections between UMaine faculty and members of the Greater Bangor community," MacDougall said.

Rubin Talks with WABI About Ripple Effect of Low Gas Prices

23 Jan 2015

Jonathan Rubin, a professor of resource economics and policy at the University of Maine, spoke with [WABI](#) (Channel 5) for a report about low gas prices and how it affects the average consumer. "We all rejoice when we go to the pump now, right? We're paying about two bucks a gallon, which is about half of what it was just a year ago," Rubin said. "So if you're cutting that cost in half, the savings are going to be hundreds, maybe four or five hundred dollars would be what a family is going to see in savings. It's real savings." He also warned that the low cost may not last. "We probably are close to the bottom of prices, and we would expect them to rise," Rubin said.

Jacobson Promotes Humanities, Philosophy Across Generations

23 Jan 2015

Kirsten Jacobson, an associate professor of philosophy at the University of Maine, is connecting her students with members of the community in efforts to promote the humanities among residents of various ages. In 2009, Jacobson created the service-learning program Philosophy Across the Ages to supplement her teaching while serving the public. The outreach program brings UMaine undergraduates together with high school students and retirement community members through discussions of philosophy texts. Program participants join voluntarily and share a “desire to discuss serious questions of philosophy and examine how they are relevant to everyday life,” Jacobson says. The project gives Jacobson’s students the opportunity to lead a class discussion, connects local high school students with a university experience, and engages retirement community members to engaging discussions with younger members of their community, Jacobson says. In the 2013–2014 academic year, 10 UMaine undergraduate students participated in the program, visiting Orono High School and Dirigo Pines, a retirement community in Orono. So far in the 2014–2015 academic year, seven UMaine undergraduate students and 15 Orono High School students have participated, according to Jacobson. On Jan. 24, undergraduate and high school members of Philosophy Across the Ages will join Jacobson at the Bangor Public Library to host a “Philosophy Tea” as part of the University of Maine Humanities Center’s third annual Downtown Bangor Public Humanities Day. The gathering will involve a discussion of a selection from Edith Cobb’s “The Ecology of Imagination in Childhood.” Jacobson also is working to create a University of Maine–Orono High School Humanities Collaboration to find creative ways to bring together faculty and students at UMaine and the high school with community members around shared interests in the humanities, she says. “We envision this project to have a number of stages, and are aiming to establish some form of permanent programming connecting our two campuses and the surrounding community through the humanities,” Jacobson says, adding she hopes the relationship will produce humanities-based collaborative events such as co-taught seminars, workshops and presentations.

William S. Cohen Institute Focusing on Leadership and Public Service

26 Jan 2015

The William S. Cohen Center for International Policy and Commerce at the University of Maine has been renamed the William S. Cohen Institute for Leadership and Public Service. The new name better captures the broad range of interdisciplinary initiatives it has been involved with in recent years. The Cohen Institute is designed to model and promote leadership and public service through programs that reflect and honor the legacy of Secretary Cohen’s extraordinary record of service to the people of Maine and the nation. A central focus of the institute is to provide a forum for the civil, thoughtful and serious discussion of a range of contemporary public affairs issues. The Cohen Center, established in 1997, has sponsored a number of UMaine programs, including its signature biennial William S. Cohen Lecture Series. The William S. Cohen Papers were donated to Fogler Library in 1996. The Cohen Institute will continue these important programs, including its focus on national and international policy issues. University of Maine Provost Jeffrey Hecker has appointed political science professor Richard Powell to serve as director of the Cohen Institute until June 30, 2015. One of Powell’s primary goals is to enhance the Cohen Institute’s collaborations with a broad range of programs on campus with similar interests and missions.

UMaine Career Fair Postponed

26 Jan 2015

Due to the predicted snowstorm, the University of Maine Career Center has postponed its 17th annual UMaine Career Fair. The fair, which was previously scheduled for Wednesday, Jan. 28, is now scheduled for Wednesday, Feb. 11. The fair will run from 10 a.m. to 3 p.m. at the New Balance Student Recreation Center. All previous employer registrations will be honored. More information, including a list of participating employers, is available [online](#) or by contacting Patty Counihan at counihan@maine.edu or 581.1355.

WVH Advances Workshop on Direct Market Tips for Agricultural Products

26 Jan 2015

WVII (Channel 7) reported the University of Maine Cooperative Extension is hosting a workshop in Dover-Foxcroft that will offer tips and techniques on how to reach out to potential customers of agricultural products. Extension educator Donna Coffin will lead the workshop from 6:30 to 8:30 p.m. Feb. 11.

Wilson Quoted in BDN Editorial on Fisheries Management

26 Jan 2015

James Wilson, a University of Maine marine sciences professor, was quoted in the [Bangor Daily News](#) editorial, "Regulations have done little to boost cod in Gulf of Maine: Lobster management offers clear direction." According to the editorial, regulators craft uniform rules to cover vast areas of the ocean; as if the ocean is a uniform ecosystem. "The Gulf of Maine is a very diverse place," Wilson said. "Down East Maine, it's totally different from Casco Bay, and Casco Bay is totally different from Gloucester and from Provincetown. When we manage fish, we treat all those areas as if they were the same."

Press Herald Interviews Steneck for Scallop Fishery Report

26 Jan 2015

The [Portland Press Herald](#) spoke with Robert Steneck, a marine scientist at the University of Maine, for the article, "As the scallop fishery rebounds, divers hope for a break." Steneck spoke about the early days of diving for scallops, which began in the 1970s, as an alternative to dragging. "Back then I was not alone in thinking this resource seemed almost unlimited and as far as the eye could see," Steneck said. "Obviously I was dead wrong about that." He said both methods of harvesting scallops can disrupt the environment. Steneck said he doesn't see a perfect way of going forward, but he likes the approach the Department of Marine Resources has been taking, the article states.

UMaine Students Cited in Mainebiz Article on Portland Companies Attracting Talent

26 Jan 2015

The University of Maine was mentioned in a [Mainebiz](#) article about companies in Greater Portland that are finding creative solutions to attract new and talented employees. Kepware Technologies, a communications software company, plans to increase its staff by one third in 2015, according to the article. UMaine's Electrical Engineering Department, has been a steady source of junior-level talent for the company, which funds three scholarships and hosts five paid summer internships each year, the article states. Kepware's president told MaineBiz the relationship with UMaine allows the company to get to know the students, and for the students to get to know Kepware. Company officials also sit on UMaine's advisory board, so they can provide curriculum advice and ensure that students have the skills they need to work in current and emerging markets, the article states.

WABI Covers Downtown Bangor Public Humanities Day

26 Jan 2015

WABI (Channel 5) reported on the third annual Downtown Bangor Public Humanities Day, hosted by the University of Maine Humanities Center. Program events for all ages highlighted the arts, literature and history at community venues including the University of Maine Museum of Art, Bangor Public Library and Maine Discovery Museum. Liam Riordan, a UMaine history professor, board member of the Maine Humanities Council and director of the UMaine Humanities Center, said the day offers a chance to take the humanities out of the classroom and into the community to engage the public more effectively. He added that the diverse group of participants made the day a success.

Jumars Quoted in ScienceInsider Article on Future of Ocean Science

26 Jan 2015

University of Maine marine scientist Pete Jumars was quoted in a [ScienceInsider](#) article about a report on the future of

ocean research that was recently released by a National Research Council (NRC) panel. The report calls for cutting spending on major ocean infrastructure, such as new ships and fixed seafloor observatories, in order to increase available funding for research, which has been on the decline, the article states. Jumars said bolting expensive equipment in specific places makes less sense now than in the past, due to advances in technology and especially “at a time when oceanographic processes are undergoing tremendous, rapid, climatic spatial shifts.”

Maine's Land Grant Celebrates its Legacy in the State

26 Jan 2015

The University of Maine is celebrating its 150th anniversary in 2015 with events on campus and statewide, and an interactive website to encourage community engagement by the many constituents of the state's land and sea grant university. In a Jan. 23 [letter to the community](#), UMaine President Susan Hunter noted the significance of this anniversary for the state and its many constituents — an opportunity to celebrate UMaine's legacy and to understand how that history informs the university's future. “The University of Maine's 150th anniversary observance will reaffirm the teaching, research and economic development, and outreach mission of a 21st-century land grant institution, and its potential to change lives,” President Hunter said in her community letter. “For 150 years, the University of Maine has had a leadership role in the state. Because Maine's potential is our purpose, UMaine serves as the state's major research and cultural hub, linking our resources with the needs of industries and businesses, schools, cultural institutions, Maine government and communities. In this, our 150th year, there is more recognition than ever that the land grant university can — and must — play a key role in enhancing the quality of life for citizens all across Maine and beyond,” Hunter said. President Abraham Lincoln signed the first Morrill Act establishing the land grant mission with the goal to provide “practical education that had direct relevance” to people's daily lives. The Maine legislature passed a bill to create Maine's land grant institution on Feb. 24, 1865. Gov. Samuel Cony signed it the next day. The first board of trustees, chaired by Hannibal Hamlin of Bangor, addressed the Maine people three months later, noting that “it is by the union of scientific knowledge with physical industry, that labor becomes most productive, and the laborer gains.” UMaine welcomed its first class of 12 students in September 1868; the first graduation was held in 1872. Today, UMaine enrolls more than 11,200 undergraduate and graduate students from throughout Maine and the U.S., and more than 65 countries, and has more than 105,000 alumni worldwide. UMaine's 150th anniversary events began with the School of Performing Arts benefit production, “150 Years of American Song: A Celebration of the University of Maine,” Jan 23. Other 150th celebration events during this anniversary year:

- University of Maine Day at the State House in Augusta, Feb. 24 — the date 150 years ago that the Maine legislature passed the bill creating the Maine State College of Agriculture and the Mechanic Arts.
- Women in Leadership Week, March 23–27, featuring a Presidential Installation on March 26, Collins Center for the Arts.
- Maine Day, April 29.
- Commencement, May 9.
- Open University Day and Homecoming, Oct. 17–18.

More information about these and other anniversary events will be on the [150th website](#). The 150th website provides news, archival photos and historical information, and opportunities for members of the UMaine community and its many constituents to share their memories of the university. Contact: Margaret Nagle, 207.581.3745

UMaine Advanced Manufacturing Center, Maine MEP Announce Partnership

26 Jan 2015

The University of Maine's Advanced Manufacturing Center (AMC) has entered into a new agreement with the Maine Manufacturing Extension Partnership (Maine MEP) that will expand the center's capacity, Maine MEP announced. The partnership, which will place a Maine MEP project manager at AMC, will promote closer collaboration between the organizations with the goal of enhancing the services available to manufacturers in the state, according to a Maine MEP news release. Forest Wentworth, a UMaine graduate with a bachelor's degree in mechanical engineering technology, has been hired as the MEP/AMC project manager. Wentworth will provide research, design and manufacturing services

to private sector clients and will serve as Maine MEP's liaison with AMC, the release states. "This partnership expands the capacity of AMC to offer engineering and manufacturing solutions to Maine companies," says John Belding, director of AMC. Belding said although Wentworth will be mainly responsible for supervising projects in the AMC machine and fabrication shop, he will also contribute to outreach efforts by regularly visiting manufacturers around the state to promote the center's services. The Maine MEP is a program of the Maine Department of Economic and Community Development and an affiliate of the National Institute of Standards and Technology (NIST) under the U.S. Department of Commerce. The full release is [online](#).

UMaine Humanities Center Sponsors Discussion by Historians at Selma Screening

28 Jan 2015

The University of Maine Humanities Center has organized a screening of Selma on Saturday, Jan. 31, at 6:20 p.m., at Bangor Mall Cinemas on Stillwater Avenue. The general admission cost for the screening will include a brief discussion by historians Nathan Godfried of the University of Maine and Dave Haus of Husson University. For more information, contact Liam Riordan, director of the UMaine Humanities Center, 581.1913.

Nominations Sought for 2015 Barbara Hikel Retiree Award

28 Jan 2015

Nominations are being accepted for the 2015 Barbara Hikel Retiree Award, established in memory of an exemplary University of Maine employee who stayed involved with the university for many years after her retirement. The award goes to a UMaine retiree who provides extraordinary voluntary service to the university. The award will be presented at the 2015 President's Council of Retired Employees Homecoming. The recipient of the Barbara Hikel Award must be a university retiree (at least 10 years of service and age 55 or older). Typically, those eligible will have retired at least three years before their nomination for the award. Email marian@maine.edu for a nomination form.

Accept an Engineering Challenge at 4-H Science Saturday

28 Jan 2015

Designing a container to assist a University of Maine Climate Change Institute professor with research is the focus of a UMaine 4-H Science Saturday workshop from 10 a.m. to 1 p.m. Feb. 14 at Edward T. Bryand Global Sciences Center on campus. Youth in grades 6–8 will build a canister to keep ice core samples gleaned from the Peruvian Andes frozen and intact for research. Participants also will tour the Sawyer Environmental Research Center. And, after lunch, youth will have the option to swim at the pool in the New Balance Student Recreation Center. The \$15 fee includes the science program and lunch; the optional swim is \$3. Registration materials are available [online](#). Maximum enrollment is 20; Feb. 6 is the deadline to register. For more information, or to request a disability accommodation, contact Jessica Brainerd, 581.3877.

Student Quoted in BDN Article on University System's Partial Coal Divestment

28 Jan 2015

Brooke Lyons-Justus, a University of Maine sophomore, was quoted in a [Bangor Daily News](#) article about the University of Maine System board of trustees voting to partially divest from investments in the coal industry. The decision makes the university the first land grant, higher-education institution in the country to cut fossil fuel from its portfolio, according to the report. Lyons-Justus is a student advocate with Divest UMaine, which is part of a national movement calling on higher education institutions to divest from fossil fuels, the article states. As part of a public comment before the vote, Lyons-Justus said divestment advocates are a concerned group of people who have invested in the university and will play an important role in the planet's future. "The risk [of divestment] is low, but the message is strong," she said.

Breece Speaks with China Daily USA About Maine, China Relations

28 Jan 2015

James Breece, an economics professor at the University of Maine, was interviewed for a [China Daily USA](#) article about the Maine International Trade Center (MITC) recently opening an office in Shanghai. The office will focus on foreign direct investment, according to the article. Breece, who teaches a Chinese economy course and has traveled to China many times, said the Chinese don't know much about Maine because of its size and remote location. He said the Shanghai office will educate the Chinese more about the state and can work to improve tourism, as well as the state's economic activity with China, including through biomedicine, optical instruments, pharmaceuticals and real estate. "The opportunities in education are endless," Breece said. "Our educational system particularly is already attracting a great number of Chinese students."

Grad Student Writes Op-Ed for BDN

28 Jan 2015

Roy Ulrickson III, a graduate student in his final year of the University of Maine's Master of Social Work program, wrote an opinion piece for the [Bangor Daily News](#) titled "Equal opportunity: Why the state should pick up 100% of school costs." Ulrickson of Dexter has worked in education since 2006.

Yahoo Sports Covers Mask That Inspired Seahawks Logo

28 Jan 2015

Gretchen Faulkner, director of the University of Maine Hudson Museum, was heralded in a [Yahoo Sports](#) piece for her efforts in loaning the museum's transformation mask that inspired the Seattle Seahawks logo to the Burke Museum at the University of Seattle. A Kwakwaka'wakw (kwock-KWOCKY-wowk) artist or artists carved the cedar mask in the late 19th or early 20th century. Kwakwaka'wakw is an Indigenous people of the Pacific Northwest Coast. Faulkner, a New England Patriots fan, said that for years she showed off what she refers to as the Seahawks mask. "I wouldn't get much response," Faulkner said. "People were Patriot fans, so they were like, 'Yeah, sure.'" Interest in the mask has increased considerably since it was unveiled Nov. 18 at a welcome ceremony at the Burke, which included Kwakwaka'wakw community members George Me'las Taylor and Andy Tanis Everson, as well as former Seahawks quarterback Jim Zorn. The Patriots and the Seattle Seahawks square off Sunday in Super Bowl XLIX. The Hudson Museum was also mentioned in a publisher's note about the mask in [Inlander](#), a Pacific Northwest weekly.

UMaine Awarded \$150,000 Grant for Food, Agriculture Research, WABI Reports

28 Jan 2015

WABI (Channel 5) reported the U.S. Department of Agriculture and the National Institute of Food and Agriculture have awarded a \$150,000 research grant to the University of Maine to help fund the university's Agriculture and Food Research Initiative. The project aims to develop a magnetic resonance imaging (MRI) method to better understand food-borne pathogens, according to the report. U.S. Sens. Susan Collins and Angus King announced the award in a press release. "Federal funding is crucial to supporting our university system and this announcement is great news for the University of Maine. Their continued exemplary research and the advancements these programs produce are an important contribution to the Maine economy," the senators said in a joint statement. The full release is [online](#). Leading the research will be Vivian Wu, professor of microbiology and food safety in the School of Food and Agriculture.

Cetinic Featured in Oceanography Society Report on Progress of Women in the Field

29 Jan 2015

Ivona Cetinic plays with son Veles on a beach in Rhode Island after her four-week research cruise aboard R/V Endeavor (in background) in summer 2014.

University of Maine researcher Ivona Cetinic is one of four Maine scientists featured in The Oceanography Society's "Women in Oceanography: The Next Decade," a supplement to the December issue of "Oceanography" magazine. The special report released Jan. 26 reviews progress in career advancement for female oceanographers over the last 10 years and where additional attention is needed. Three oceanographers from Bigelow Laboratory for Ocean Sciences — Beth N. Orcutt, Patricia Matrai and LeAnn Whitney — also contributed to this second volume. The first was published in March 2005. Orcutt and Cetinic, a research associate in the School of Marine Sciences at UMaine's Darling Marine Center in Walpole, joined forces to articulate the continuing challenges that women face in the field. "The ratio of women to men at higher ranks in oceanography still lags, even though women have comprised roughly half of oceanography graduate students during the past decade," says Orcutt. "We not only looked at recent trends but tried to identify some of the reasons behind this advancement lag." "While there have been positive improvements over the past 10 years, such as increasing numbers of female professors, there are still signs of barriers to women advancing in their careers," says Cetinic. "We hope that our analysis is useful to students and early career women oceanographers, who will have the tools to break the glass ceiling that still exists in oceanography." More than 200 autobiographical sketches in the supplement provide a broad view of oceanography. The scientists describe rewarding aspects of their careers, as well as challenges and how they balance work and personal lives. "I love being an oceanographer. I see the ocean as my playground, and gliders, sensors, and filters as my toys. My play buddies are some of the smartest people in the world," Cetinic says. "I wake up every day happy and looking forward to facing issues and solving problems that help us to better understand nature and ultimately to be better inhabitants of this planet." "Women in Oceanography: The Next Decade" is available online. The Oceanography Society was founded in 1988 to disseminate knowledge of oceanography and its application through research and education, to promote communication among oceanographers, and to provide a constituency for consensus building across all the disciplines of the field. It is a nonprofit, tax-exempt organization incorporated in the District of Columbia. The Darling Marine Center, the marine laboratory of the University of Maine, is celebrating its 50th anniversary in 2015. It is located on the Damariscotta River Estuary in Maine's midcoast region, 100 miles south of the Orono campus. Resident faculty and students are associated with UMaine's School of Marine Sciences. Their research interests range from biogeochemistry, remote sensing and ocean optics to invertebrate taxonomy and ecology, deep-sea biology, phytoplankton physiology and marine archaeology. Bigelow Laboratory for Ocean Sciences, an independent not-for-profit research institution on the coast of Maine, conducts research ranging from microbial oceanography to large-scale ocean processes that affect the global environment. Recognized as a leader in Maine's emerging innovation economy, the Laboratory's research, education, and enterprise programs are spurring significant economic growth in the state. Contact: Beth Staples, 207.581.3777

UMaine Extension Taking Orders for Asparagus, Rhubarb, Berry Plants

29 Jan 2015

University of Maine Cooperative Extension is taking orders for its "Grow It Right!" plant sale, which is a fundraiser for the Master Gardener Volunteers program. Available plants are a highbush blueberry three-pack, two varieties per pack, \$35.95; 10-pack of asparagus crowns, \$15; 25 young dormant strawberry plants, \$15; five raspberry canes, \$18; three blackberry canes, \$25; and rhubarb crowns, \$12 each. All are suitable for Maine's climate and will be ready for spring planting. Graduates of the UMaine Extension Master Gardener Volunteers program have been active for more than 30 years, doing demonstrations, creating community gardens, organizing educational events, growing food for Maine Harvest for Hunger and leading community-based volunteer efforts. Sale proceeds will support these projects and provide need-based program scholarships. Orders must be placed by May 1. Plants will be available for pickup at Extension county offices Saturday, May 16 or Monday, May 18, depending on location. Purchase plants and get more information, including video clips on site selection and soil testing [online](#). To place a mail order, call Andrea Herr, 207.781.6099. For more information, or to request a disability accommodation, contact Richard Brzozowski, 207.781.6099, 800.287.1471 (in Maine), richard.brzozowski@maine.edu; or Marjorie Peronto, 207.667.8212, 800.287.1479 (in Maine), marjorie.peronto@maine.edu.

Fourth Annual Bearfest Dance Marathon March 21

29 Jan 2015

The University of Maine is holding the fourth annual 12-hour Bearfest Dance Marathon on Saturday, March 21 at the New Balance Student Recreation Center. Since 2012, the event has raised more than \$130,000 to help area hospitals support local children. This year, UMaine student organizers want to make the event the largest community fundraiser on campus. Organizers hope to raise \$75,000 for EMHS Foundation Children's Miracle Network Hospitals, including Eastern Maine Medical Center in Bangor. More information, including how to donate and register, is online.

Maine Edge, Free Press Preview 4-H Science Saturday Workshop at UMaine

29 Jan 2015

[The Maine Edge](#) and [The Free Press](#) published a University of Maine news release about an upcoming 4-H Science Saturday workshop on campus. Youth in grades 6–8 will design a container to assist a UMaine Climate Change Institute professor with research on Feb. 14 at the Edward T. Bryand Global Sciences Center. Participants will build a canister to keep ice core samples gleaned from the Peruvian Andes frozen and intact for research. Children also will tour the Sawyer Environmental Research Center, eat lunch, and have the option to swim at the pool in the New Balance Student Recreation Center.

'Historical Atlas of Maine' Called Ambitious, Fascinating in George Smith Review

29 Jan 2015

The "Historical Atlas of Maine," a geographical and historical interpretation of the state from the end of the last ice age to 2000, was recently reviewed on [GeorgeSmithMaine.com](#). "It's so big it's hard to pick up, but it's even harder to put down," the review states of the book that culminates a 15-year scholarly project led by University of Maine researchers. "While the text is certainly informative and interesting, you will spend a lot of time studying the amazing maps and charts," Smith writes.

Brady Presents at Water Quality Forum, Boothbay Register Reports

29 Jan 2015

The [Boothbay Register](#) reported Damian Brady, an assistant research professor in the University of Maine's School of Marine Sciences at the Darling Marine Center and assistant director for research at Maine Sea Grant, spoke at a January public meeting of the Damariscotta River Association (DRA). The meeting was held to discuss the Damariscotta Estuary, its water quality and overall condition, according to the article. For his presentation, Brady used data from 1968 through 1977 compared to recent monitoring by Mary Jane Perry, interim director of the Darling Marine Center. The data showed dramatic temporal changes in phytoplankton blooms, the article states.

UMaine Planetarium Announces Winter Star Show Schedule

30 Jan 2015

The new Maynard F. Jordan Planetarium in the Emera Astronomy Center at the University of Maine launches its first year of operation with family star shows that will let audiences experience space through the most advanced sky theater in Maine. In February, the planetarium's programs include "Stars" at 7 p.m. every Friday, starting Feb. 6. The show examines the energetic lives of stars with close-up images and narration by the original Luke Skywalker, Mark Hamill. For the younger crowd, at 2 p.m. Sundays, starting Feb. 1, the star dome fills with models and simulations that explain the mysterious, often vital interactions of "Earth, Moon & Sun" with the help of a foolish coyote. The planetarium's Definiti digital visualization theater features a model of the universe that will recreate a cluster of the moon, Mars and Venus that takes place in late February. Star show visitors will learn how to view the rare grouping in the Maine sky and how the planets and moon align from an astronaut's point of view. In March, "Undiscovered Worlds" will explore the planets of distant stars on Friday evenings; and "The Little Star That Could," a show of stars and success for younger children, will play Sunday afternoons. A March solar eclipse not visible from Maine will be simulated in the Definiti 4K theater as a special live segment in each show. Admission to all shows is \$6, and seating is limited. Tickets can be purchased in advance by phone, mail or in person at the Jordan Planetarium, 5799 Emera Astronomy Center, Orono ME

04469-5799. More information, show descriptions and a full schedule are available at the Emera Astronomy Center [website](#). For more information about visits and programs, call 581.1341.

Two Exhibitions to Open in Lord Hall Gallery Feb. 6

30 Jan 2015

The Lord Hall Gallery at the University of Maine will present two new exhibitions that display art created by current and former UMaine faculty. **Featured Faculty/2015** An exhibition of new work by Department of Art faculty will be held in the Lord Hall Gallery from Feb. 6 to March 13. Work by Constant Albertson, Louise Bourne, Susan Camp, John Eden, Michael Grillo, Laurie E. Hicks, Samantha Jones, Gregory Ondo and Matt Smolinsky will be featured. Art will include photography, painting, ceramics, glass and mixed media installations. The exhibition presents an overview of the research and creative accomplishments of studio, art education and art history faculty. **Illusions and Reality: The Photographs of Alan Stubbs** A small retrospective of photographs by Alan Stubbs will be held in his memory in the Lord Hall Gallery from Feb. 6 to March 13. Stubbs, who retired as a psychology professor at UMaine, also was an accomplished photographer who often taught courses in the Department of Art. His research at the university was on visual perception, and his photographs — diverse in form and subject — reflect his interest in and understanding of the ways people perceive their surroundings. Stubbs died in October 2014. The exhibition honors his contributions to the department's faculty and students, as well as the university. The exhibitions are free and open to the public. Lord Hall Gallery is open from 9 a.m.–4 p.m. Monday through Friday and is wheelchair accessible.

Moriarity Speaks About Foster Center, Top Gun Program on Pulse Morning Show

30 Jan 2015

Jesse Moriarity, coordinator of the University of Maine's Foster Center for Student Innovation, was a recent guest on WZON's Pulse Morning Show. Moriarity spoke about the 2015 edition of the Top Gun entrepreneur accelerator program. The program is offered by Maine Center for Entrepreneurial Development (MCED) and UMaine's Target Technology Incubator as part of the Blackstone Accelerates Growth initiative. Top Gun participants attend biweekly classes at the University of Southern Maine, the Target Technology Center or University College at Rockland and work with mentors who will help them apply what they have learned to accelerate growth. Moriarity said this year's class is the largest yet.

Maine Edge Advances Emera Center's Winter Star Shows

30 Jan 2015

[The Maine Edge](#) reported on scheduled public star shows for the month of February at the Emera Astronomy Center. The Maynard F. Jordan Planetarium's winter series of programs begins with "Stars" every Friday at 7 p.m. The show examines the lives of stars with close-up images and narration by the original Luke Skywalker, Mark Hamill. For the younger crowd, at 2 p.m. Sundays, the star dome fills with models and simulations that explain the mysterious, often vital interactions of "Earth, Moon & Sun" with the help of a foolish coyote. Admission to all shows is \$6, and seating is limited.

Innovate for Maine Program Seeking Interns and Maine Companies

02 Feb 2015

The University of Maine's Foster Center for Student Innovation is seeking motivated, innovative college students and Maine companies for the Innovate for Maine Fellows program. The application deadline for both college students and companies is March 15, 2015. The Innovate for Maine Fellows program is open to students pursuing college degrees in Maine or residents attending college elsewhere. Students can work full time or part time during the summer, with the possibility of continuing part time during the academic year. Innovate for Maine Fellows connects the best and brightest Maine college students with the state's most exciting, growing companies as a way to create jobs through innovation

and entrepreneurship. The program offers paid internships that place students with companies to receive training in innovation and entrepreneurship, and real-world job experience. Other benefits for interns include potential academic credit and networking opportunities with Maine business leaders. “I feel very lucky that my first job is at a startup like Tide Creative (in Portland),” says Dana Hopkins, a current Innovate for Maine Fellow. “It’s letting me get experience in multiple areas, including social media, customer support, blogging, event coordination and even a little project management. This opportunity never would have happened without the Innovate for Maine program, and I will always be grateful.” Students chosen to become the next class of Innovate for Maine Fellows participate in an intensive week of preparation before beginning their internships. The mandatory “boot camp” includes training in UMaine’s cutting-edge Innovation Engineering program, a systematic process for developing breakthrough innovations. In addition, students learn more about Maine’s entrepreneurial landscape and network with entrepreneurial leaders. Applications are also available for Maine companies looking for summer interns. Companies selected to participate in this program are able to get the help they need to accelerate innovation projects and grow their businesses. Trained innovation experts guide and mentor both the fellow and the company for the duration of the project. UMaine handles all recruiting, screening, matching, hiring, and initial innovation and workplace training. The Innovate for Maine program will match interns with companies that are developing innovative new products or services, and seeking to significantly grow revenues and employment. The initiative, supported in part by Blackstone Accelerates Growth, assists companies with matching funds, according to company size, to support the cost. Blackstone Accelerates Growth is a partnership between the University of Maine, Maine Technology Institute and the Maine Center for Entrepreneurial Development. The goal of the initiative is to create jobs and economic development in Maine through entrepreneurship and growth. It works with partners to create statewide programs with coordinated, focused activities to accelerate companies, connections and the next generation of Maine entrepreneurs. It operates as part of the Blackstone Charitable Foundation, a \$50 million Entrepreneurship Initiative to support innovative programs that drive job creation. “There are a number of Maine companies developing new innovations that are eager for talented students who understand the innovation process,” said Renee Kelly, co-director of the Foster Center. “By matching students trained in Innovation Engineering with these companies, we hope to help the companies grow while helping Maine students see that there are great opportunities to work and stay in Maine after they graduate.” For more information and applications for the Innovate for Maine program: foster.target.maine.edu/2-uncategorised/207-innovate-for-maine-fellows-program. For more information about UMaine’s Innovation Engineering program: foster.target.maine.edu/educators/what-is-innovation-engineering. For more information about Blackstone Accelerates Growth: blackstonegrowth.com.

The Beat Goes On

02 Feb 2015

Boston-based Vic Firth is known for pairing drumsticks that have the same weight and feel, satisfying experienced musicians who demand consistent performance. When the company wanted to understand the implications of a new drumstick tooling technology being used in its Newport, Maine production facility, it came to the the University of Maine’s Advanced Manufacturing Center. Using the latest in digital metrology software, PolyWorks, and a Faro Edge laser scanning arm, the differences in the old and new products were measured. Vic Firth was then able to modify its new tooling technology to make drumsticks that meet the exacting specifications of their customers.

Helping Maine Entrepreneurs

02 Feb 2015

The Top Gun Entrepreneurship Acceleration program is an annual five-month business accelerator for entrepreneurs. Top Gun combines mentoring and curriculum in three locations statewide: Orono, Portland and Rockland. The program is offered through a partnership among the University of Maine, the Maine Technology Institute and the Maine Center for Entrepreneurial Development. The University of Maine’s Target Technology Incubator coordinates and hosts the Orono Top Gun class as a part of its focus on helping Maine-based startups and innovative companies grow their businesses. Entrepreneurs enrolled in the program:

- Participate in biweekly training sessions, each one focused on a single business topic
- Are assigned one or more mentors who provide guidance and answer questions throughout the five-month period

- Engage with other entrepreneurs who share successes, failures and lessons learned
- Receive guidance, practice, and feedback on business pitches
- Get a chance to deliver a business pitch and/or showcase a business to an audience of over 300 potential investors, business leaders and journalists

Participants from the 2014 class from Penobscot, Hancock, and Piscataquis counties include:

- The Juice Cellar, Belfast
- Specialty Sweets, Bangor
- The Loyal Biscuit Company, Belfast, Camden, Rockport, Waterville
- The Northern Maine Distilling Company, Brewer
- GenoTyping Center of America, Bar Harbor
- Oats Any Time, Palmyra
- Sandra B. Dressing and Dressage, Dover-Foxcroft

Of Top Gun's 79 graduates, close to 95 percent are still in business. To date, Top Gun graduates have landed over \$8 million in grants and other financing.

UMaine Extension Offers Beekeeping Course

02 Feb 2015

A five-session University of Maine Cooperative Extension beginning beekeeping course starts 6:30–8:30 p.m. Thursday, Feb. 26, at the Washington County UMaine Extension office, 28 Center St., Machias. Master Beekeeper Andrew Dewey will teach the course, which will be held Thursday nights, except for March 19, through April 2. The course also will be available remotely at Washington County Community College, 1 College Drive, Calais. Course topics include the honeybee colony, constructing hives, seasonal management, pests and diseases and honey production. Students will visit a local hive for observation and hands-on experience during a field lab. Class graduates will become members of the Washington County Beekeepers, a chapter of the Maine State Beekeepers Association. Course fee is \$60 per person or per couple to help cover the cost of materials. Class size is limited to 15 people in Machias and 10 in Calais. Thursday, Feb. 19 is the registration deadline. To register, and for more information, visit or email tara.a.wood@maine.edu. To request a disability accommodation, call 800.287.1542 (in state) or 207.255.3345.

Today's Energy Solutions Cites UMaine Advanced Manufacturing Center, Maine MEP Partnership

02 Feb 2015

Today's Energy Solutions published a Maine Manufacturing Extension Partnership (Maine MEP) news release announcing a new agreement between Maine MEP and the University of Maine's Advanced Manufacturing Center (AMC). The partnership, which will place a Maine MEP project manager at AMC, will promote closer collaboration between the organizations with the goal of enhancing the services available to manufacturers in the state, according to the release.

BDN Publishes Latest Column in Butler's 'People Next Door' Series

02 Feb 2015

The [Bangor Daily News](#) published the latest article in the yearlong "The People Next Door" series by Sandra Butler, a professor of social work at the University of Maine, and Luisa Deprez, a professor and department chair of sociology and women and gender studies at the University of Southern Maine. "Living in a house of cards: A look back at people in Maine who are just scraping by," is the pair's latest column to share stories of Mainers struggling in today's economy.

Teachers from China Attend Workshop at UMaine, BDN Reports

02 Feb 2015

The [Bangor Daily News](#) reported about 40 English teachers from Harbin, China, and the surrounding area toured John Bapst Memorial High School in Bangor, met city officials and visited the University of Maine to learn about American education and government. According to the article, the delegates were scheduled to attend a foreign language education workshop at UMaine, which has actively recruited foreign students, including from China.

Op-Ed by Leahy, Student Cited in BDN Article on Wood Banks

02 Feb 2015

An [op-ed](#) on local wood banks written by Jessica Leahy, an associate professor of human dimensions of natural resources at the University of Maine, and Sabrina Vivian, a senior studying ecology and environmental sciences, was mentioned in the [Bangor Daily News](#) article, “Wood banks start to catch on in Maine, but not without some growing pains.” Waldo County Woodshed, a Belfast-based nonprofit that seeks to provide firewood to low-income residents, began after a local business owner read the pair’s op-ed in the BDN, according to the article. “Each one has to be grassroots, to fit the need of the community,” Leahy said about starting wood banks. “The more the idea spreads, the more the communities can be proactive. It’s people being self-sufficient, spending time together and helping each other,” she said. The Sun Journal published the BDN article, and the Maine Public Broadcasting Network ran a report on the topic.

Murphy, Harvest for Hunger Featured in Press Herald Article

02 Feb 2015

The [Portland Press Herald](#) mentioned the University of Maine Cooperative Extension’s Harvest for Hunger program and interviewed program organizer and UMaine Extension educator Barbara Murphy for the article “Maine food pantries connecting with farmers to provide fresh produce.” For more than 15 years, gardeners across Maine have grown nearly 1.9 million pounds of produce for Harvest for Hunger, according to the article. In most counties, the food is taken to food pantries to distribute, but in Oxford County, the program hosts weekly distribution nights where 180 families pick up produce, watch cooking demonstrations and sample dishes made with the food they receive that week, the article states. Murphy said it’s encouraging to hear the Oxford County families say they are changing their eating habits or are better able to pay household bills because of the program.

Mayewski Co-Writes Op-Ed on Climate Change for BDN

02 Feb 2015

Paul Mayewski, director of the Climate Change Institute at the University of Maine, co-wrote an opinion piece on climate change for the [Bangor Daily News](#) with Darryl W. Lyon, a lieutenant colonel in the Maine National Guard. The article is titled “Maine is a leader in confronting climate change in the High North.”

Milardo Speaks with BDN About Maine’s High Divorce Rate

02 Feb 2015

Robert Milardo, a professor of family relations at the University of Maine, was quoted in the [Bangor Daily News](#) article, “Despite recent decline, Maine’s divorce rate is still among highest in U.S. Why?” Milardo said the majority of divorces occur by the seventh year of marriage because around year five to seven, the romance starts to decline and conflicts increase. He also said having young children can put stress on a relationship, and couples are less likely to divorce the older they are when they get married. “Those people who are marrying in their late 20s or early 30s develop more stable relationships. They enter the marriage more financially secure and more secure in themselves,” Milardo said.

Reminder: Academic Affairs Faculty Forum Feb. 4

02 Feb 2015

The second Academic Affairs Faculty Forum, focusing on evaluation of student learning outcomes in foundational areas, will be held from 3–4:40 p.m., Feb. 4, in the Bangor Room, Memorial Union. The open forum will continue the dialogue started at the Oct. 6 Faculty Forum focused on “Foundational Competencies for the 21st Century.” In addition, the Feb. 4 forum will include discussion of the Multi-State Collaborative (MSC), an agreement among signatory states to work together on a pilot project to test a process for learning outcomes assessment based on the LEAP VALUE rubrics, that UMaine has been invited to join. More about the Feb. 4 forum is [online](#). You can find relevant background materials, including video of the Oct. 4 forum, linked on the Provost’s [Web page](#).

Maine 4-H Alumni Invited to ‘Check In’ for \$10,000 Science Sponsorship

03 Feb 2015

University of Maine Cooperative Extension 4-H invites alumni to take part in a national contest to help it win a \$10,000 “Innovation Incubator” Science Sponsorship. The contest is part of the 4-H GROWN Alumni Campaign, sponsored by the National 4-H Council and HughesNet. The goal is to share hands-on science, technology, engineering and mathematics (STEM) learning experiences with youth in small communities across the country. Maine 4-H alums are asked to “check in” online, tag friends and cast votes. If UMaine Extension 4-H wins the contest, the \$10,000 sponsorship will provide for STEM activities that encourage youth to design innovative science solutions for real community challenges. The contest ends Monday, March 16. Also, if Maine 4-H wins, two local young innovators will have a chance to receive an all-expense paid trip to the flagship 4-H National Youth Science Day in Washington, D.C., where they will participate in the world’s largest youth-led science experiment. More information is available [online](#) or by calling 207.581.3188.

MPBN Interviews Professor Emeritus Palmer on Maine’s Political Independence

03 Feb 2015

Kenneth Palmer, a professor emeritus of political science at the University of Maine, spoke with the [Maine Public Broadcasting Network](#) for the report “Why is Maine so politically independent?” Maine has more unenrolled voters than it does voters registered with either of the major parties, and it is also one of the most reliably “purple” states, which means in both statewide and presidential elections, Mainers may vote for a member of either party, according to the report. Palmer spoke about several reasons for the high number of independent voters in the state, including Maine’s communitarianism culture, high political engagement and dislike of professional politicians.

Times Higher Ed Publishes Review by Rogers

03 Feb 2015

[Times Higher Education](#) recently published a review by Deborah Rogers, an English professor at the University of Maine. Rogers wrote about “Loving Literature: A Cultural History,” by Deidre Shauna Lynch.

Maine Policy Review Essay Focus of MPBN Report

03 Feb 2015

Sylvia Most, a high school teacher in Windham, spoke with the [Maine Public Broadcasting Network](#) about her current [Maine Policy Review](#) commentary, “Creative Pathways Through High School: A Response to John Dorrer, ‘Do We Have the Workforce Skills for Maine’s Innovation Economy?’” Dorrer’s piece appeared in an earlier edition of the Maine Policy Review. Most said the image of the trades needs to change in education.

The Weekly Reports on Smith’s Popular Research Topic for ScienceInsider

03 Feb 2015

[The Weekly](#) published a University of Maine news release about research on teaching methods by Michelle Smith, an assistant professor in the School of Biology and Ecology. Aleszu Bajak penned “[Lectures Aren’t Just Boring. They’re Ineffective, Too, Study Finds](#),” for ScienceInsider about the research that Smith and others conducted with lead author Scott Freeman of the University of Washington, Seattle. The piece was ScienceInsider’s third most popular of 2014, just behind articles on plagiarism and Ebola.

Brewer Quoted in Press Herald Article on LePage’s Address, Budget

03 Feb 2015

Mark Brewer, a political science professor at the University of Maine, spoke with the [Portland Press Herald](#) for an article about Gov. Paul LePage’s proposed budget and planned State of the State address. LePage is expected to outline his tax reform and budget proposals during the address and then take his message around the state to gain support among voters and lawmakers, according to the article. Brewer said often the best way to sway undecided legislators is to convince constituents to make the case. “I think it is even more important in this case because the governor’s budget, as proposed, is such a dramatic change from business as usual in Maine,” he said. “We are hearing from a lot of Republican legislators who are very uneasy about this budget ... so he needs to go out and sell this proposal, and not only sell it to local leaders but sell it to regular Mainers.”

Garder Sheds Light on Winter Economy for Sun Journal

03 Feb 2015

Per Garder, professor of civil and environmental engineering at the University of Maine, talked about the impact of the recent deluge of snow on the economy in the Sun Journal piece “Businesses mixed on too much snow.” “People have gotten the expectation nowadays it should be possible to drive like summertime, all the time, everywhere. If we go back a couple of generations people had very different expectations,” Garder said. “To a great extent, I think, snowstorms just delay. People don’t go out shopping today but tomorrow will be a sunny, beautiful day and there’s a pent-up need. I don’t think snow and winter is devastating to the economy. And of course it can also be beneficial that people come to Maine for snowmobiling or skiing.” A 2010 study that Garder co-authored for the UMaine Margaret Chase Smith Policy Center estimated agencies in Maine spent \$98 million (\$76 per person) maintaining winter roads and purchased about 750 pounds of rock salt per person each winter.

Rubin Talks About Electric Rates on MPBN’s ‘Maine Calling’

03 Feb 2015

Jonathan Rubin, a professor of resource economics and policy at the University of Maine, was a recent guest on the [Maine Public Broadcasting Network](#)’s “Maine Calling” radio show. Rubin and other guests spoke about electric rates in Maine, including how rates are determined and why they fluctuate.

268 Student-Athletes to be Recognized for Academic Success

04 Feb 2015

The University of Maine’s 26th annual Scholar-Athlete Recognition Ceremony will honor 268 student-athletes for their academic success on Feb. 9 in Wells Conference Center. At the 6:30 p.m. ceremony, 187 student-athletes will be recognized as scholar-athletes for achieving a 3.0 or higher grade point average for the 2014 year and/or having a cumulative GPA of at least 3.0. Eighty-one first-year student-athletes will be honored as “rising stars” for earning a 3.0 GPA or higher in their first semester at UMaine. A total of 3,376 medallions have been presented since the annual awards began in 1989. This year marks the largest group of student-athletes to be recognized at the ceremony. It also is the 11th consecutive year that more than half of the university’s student-athletes will be honored. During the reception, the annual recipients of the M Club Dean Smith Award — presented to the top male and female scholar-athlete — will be announced. Team MAINE will also be named, honoring the sophomore, junior or senior from each team who has

achieved the highest grade point average in 2014. The event is sponsored by the University of Maine Foundation, University Credit Union, University of Maine M Club and the UMaine Alumni Association. The news release from UMaine Athletics listing all the scholar-athletes is online.

Maine Edge Advances Lord Hall Gallery Exhibits, UMaine Career Fair

04 Feb 2015

The Maine Edge advanced two new exhibitions on display at the University of Maine's Lord Hall Gallery from Feb. 6 to March 13. "Featured Faculty/2015" will show new work by Department of Art faculty that will include photography, painting, ceramics, glass and mixed media installations. "Illusions and Reality: The Photographs of Alan Stubbs" is a retrospective of photographs by former UMaine psychology professor Alan Stubbs, who also was an accomplished photographer who taught courses in the Department of Art. Stubbs died in October 2014. The exhibition honors his contributions to the department's faculty and students, as well as the university. [The Maine Edge](#) also reported the Career Center's 17th annual UMaine Career Fair that was previously scheduled for Jan. 28 is now scheduled for Wednesday, Feb. 11, due to a winter storm. The event will run from 10 a.m. to 3 p.m. at the New Balance Student Recreation Center and will feature more than 110 employers from Maine and around the country with job and internship opportunities.

Pendleton, Student to Perform Free Valentine's Concert, Ellsworth American Reports

04 Feb 2015

[The Ellsworth American](#) reported soprano Karen Pendleton, who teaches in the University of Maine's School of Performing Arts, and tenor and pianist Colin Graebert, a UMaine student, will perform a free concert in celebration of Valentine's Day. The program of love songs is the second show in a series of free noontime concerts presented by the Ellsworth Community Music Institute (ECMI) at the Bryant E. Moore Community Center in Ellsworth, according to the article. Pendleton and Graebert, who is completing a degree in music education with a concentration in voice, will perform selections from the classical and music theater genres as well as some familiar standards during the Feb. 11 event, the article states.

Tri-Town Weekly Interviews Jackson Ahead of Elderberry Talk in Lisbon

04 Feb 2015

The Tri-Town Weekly published an interview with Tori Jackson, an associate professor with the University of Maine Cooperative Extension, ahead of her Feb. 10 talk on growing elderberries at the UMaine Extension office in Lisbon. Jackson will host the meeting for gardeners who either grow the berries or are considering growing the crop. "Elderberries are one of those fruits everyone has heard of, but not many people have grown," Jackson said. "We have elderberries growing wild in Maine, but since they are not eaten fresh, you would have to know what to do with them to enjoy them." She said the fruit is commonly used to make jams and jellies, pies, juice or wine, as well as for medicinal purposes.

UMaine Extension Part of Portland School Lunch Collaboration, Forecaster Reports

04 Feb 2015

The University of Maine Cooperative Extension was mentioned in an article by The Forecaster about the Portland School Department's new school lunch campaign, "Choose School Lunch." The program is a collaboration between the schools, Portland-based Cultivating Community, UMaine Extension and FoodCorps, a team of AmeriCorps leaders working to connect children with healthier food options, according to the article. The program aims to provide more local and nutritious food for students.

UMaine to Host First Marathon and Half Marathon, Offer Training

04 Feb 2015

For years, the University of Maine has hosted popular races such as the Black Bear Triathlon, the Healthy High 5k/10k and the Black Bear Attack Adventure Race. This summer, UMaine will host its first full and half marathon as part of the Black Bear Race series. The inaugural Black Bear Marathon and Half Marathon will take place at 7:30 a.m. Sunday, June 21. “We believe that the marathon and half marathon will be the biggest events in our already exceptionally popular race series,” says Lauri Sidelko, director of the Student Wellness Resource Center and co-director of the race. The 26.2-mile course is a double loop of the 13.1-mile course that begins on the UMaine campus and travels through Orono and Old Town and back to the university’s bike path. The marathon is a certified course, which gives runners the opportunity to qualify for larger races, such as the Boston Marathon. The race begins at 7:30 a.m. and has a six-hour limit for the marathon course. An early start at 6:30 a.m. is available to those who prefer an extra hour to complete the marathon. The early start is not available for the half marathon. A 7:15 a.m. start also is available for wheelchair entrants. Registration is open [online](#). Until March 30, fees are \$85 for the full and \$60 for the half. After March 31, fees are \$95 and \$75, respectively. The first 1,200 runners to register will receive a logo race shirt, and the first 500 also will receive race logo running socks. Medals will be given to all registered runners who cross the finish line. Participants must be at least 14 years old on race day, as recommended by the Road Runners Club of America. A race expo and packet pickup will be held from 10 a.m. to 6 p.m. on campus Saturday, June 20. More information, including the exact location, will be available [online](#). In advance of the race, Campus Recreation is offering Black Bear Marathon Training for runners who are interested in participating, but would either prefer some coaching or training with others. Participants will run weekly as a group with an experienced trainer and will be given a detailed training plan, handouts on various race topics and \$10 off race registration. Training starts Saturday, Feb. 7 at the New Balance Student Recreation Center. To join, runners must currently be able to run at least three miles without stopping. More information on the training is on the Campus Recreation [website](#). The Black Bear Race series is run by the Student Wellness Resource Center. Proceeds from the Black Bear Marathon and Half Marathon will provide scholarships to Campus Recreation summer camp participants, as well as support student projects and opportunities offered through the wellness program. Race organizers also plan to form a fundraising partnership with charitable organizations to give back to the community. More about the race is on the Black Bear Marathon and Half Marathon [website](#) and [Facebook](#) event page. For more information or to request a disability accommodation, contact race directors Sidelko at sidelko@maine.edu, 581.1423; or Thad Dwyer at thad.dwyer@umit.maine.edu. Those interested in volunteering as part of the race committee, at packet pickup or on race day should contact Sidelko.

High School Students Help Collect Snowpack Data for Research Initiative

04 Feb 2015

About 300 students at 13 Maine high schools are collecting data on Maine’s snowpack to feed into a national database tapped by scientists. The project is part of the Acadia Learning Program, a joint venture of the University of Maine’s Senator George J. Mitchell Center for Sustainability Solutions, UMaine’s School of Forest Resources and the Schoodic Institute at Acadia National Park. The Acadia Learning Program has been in place since 2007 and has included research on mercury concentrations in dragonfly larvae that has expanded to 50 national parks and schools throughout the Northeast. The snowpack project is collecting data not available elsewhere, program coordinators say. Though the National Weather Service and U.S. Geological Survey record snowpack measurements, they only do so in open areas, while Acadia Learning Program students can compile data from forested areas. The students measure depth, snow-water equivalent and duration of snowpack, plus additional datasets based on their interests. “Students develop background understanding about weather and climate, create hypotheses, develop a collection strategy, collect data and analyze them,” says Sarah Nelson, an associate research professor at the Mitchell Center and UMaine’s School of Forest Resources, as well as the principal investigator of the snowpack project. “We discovered that students learned a lot through hands-on field investigation and authentic data collection and analysis.” More about this project is [online](#).

Miladin Bogetic: United Nations Officer

04 Feb 2015

Miladin Bogetic, a public information officer at the United Nations Office at Geneva, attended the University of Maine

from 2001–02 as part of UMaine’s international student exchange program while he was an undergraduate at the American University in Bulgaria (AUBG). Bogetic was born in Sarajevo, Bosnia and Herzegovina and grew up in Podgorica, Montenegro, where his family still lives. He earned a bachelor’s degree in political science and international relations from AUBG in 2003, a diploma in advanced international studies from Johns Hopkins University-SAIS in Bologna in 2004 and master’s degree in advanced international studies from Diplomatic Academy Vienna in 2005. **Why did you decide to come to UMaine?** After spending two years at the American University in Bulgaria (AUBG), I felt like changing the environment a little bit and trying something different. The University of Maine was an obvious choice — an established, well-respected school that had very strong bilateral ties with AUBG. There were a number of courses I wanted to take that were available at UMaine and not at AUBG. I also had heard great things about beautiful nature in Maine. **How did your UMaine experience compare to your time at other universities?** From the start, I felt very warmly welcomed by the entire UMaine community, from the Office of International Programs to my American classmates, staff and faculty across campus. The small Bulgarian community at UMaine, primarily Aglika Georgieva and Orlina Boteva, took care of me and another exchange student and made us feel even more welcome. They picked us up on the day we arrived in Bangor and provided so much invaluable advice and assistance during the whole year. The fact that UMaine is located in a small town — without big city distractions nearby — contributed to this sense of belonging and community. All other places where I studied (Blagoevgrad, Bologna, Vienna) were much larger and the student body was more dispersed. Academically, there were some courses I truly enjoyed, such as professor James Warhola’s classes on Russian foreign policy and professor Michael Palmer’s political philosophy. **Describe your current job and responsibilities with the UN:** My job entails communicating to the press corps and the public on the activities of the UN and International Geneva. This is done through regular and ad hoc press briefings and conferences, coverage of human rights treaty bodies, running UN Geneva social media accounts, and conducting outreach activities with local schools, universities and NGOs [non-governmental organizations]. A major project I recently worked on was TEDxPlaceDesNations, which took place Dec. 11 and featured 11 extraordinary individuals making a difference in people’s lives with the help of International Geneva. **How long have you been in your current position?** I have been in Geneva since September 2013. Prior to that, I worked as a political affairs officer at the UN Interim Force in Lebanon (UNIFIL) for three years. Before, I was a diplomat in the Foreign Ministry of Montenegro. **Have you been back to Maine or campus since 2002?** My girlfriend and I visited Maine and campus in September 2005. We were warmly welcomed by Karen Boucias [the former director of UMaine’s Office of International Programs], who let us stay at her beautiful home for a couple of days. It was great to see some former classmates, favorite professors and staff, and have a meal at York Commons, where I used to work. **While at UMaine, did you work closely with a professor or mentor who made your experience better?** I particularly enjoyed classes with professor James Warhola; one on the history of the Soviet Union, and the other on Russia’s foreign policy. Coming from Eastern Europe, it was great to exchange thoughts and ideas with such a connoisseur of Slavic cultures and political systems. As I was preparing to graduate from the American University in Bulgaria, Warhola gave me valuable advice and support for graduate studies, for which I am still grateful. The entire staff in the Office of International Programs was truly supportive and made me feel welcome throughout the academic year. **What was your favorite place on campus?** I liked the large central lawn [the Mall], which was great to hang out in early fall and late spring, with trees assuming colors they can only have in New England. I also quite enjoyed my residence hall — Estabrooke — and the state-of-the-art gym. **Most memorable UMaine moment?** Perhaps the excursion to the stunning Acadia National Park, organized by Mireille Le Gal of the Office of International Programs. That was when I saw a moose for the first time in my life. Oronoka parties were always fun, too. **What advice would you give students who are considering studying abroad?** Studying abroad would truly expand your horizons and open your mind. It is a great opportunity to experience a different culture, improve a foreign language and live in a new community for 8–10 months. Friendships and connections made during a year abroad often last a lifetime. Twelve years later, I can say that I am glad to have been given an opportunity to spend a year at UMaine. It helped me learn a lot, grow and develop as a person, and experience beautiful New England, which is still my favorite part of the U.S.

Kaczor Awarded Funds for Maine Healthy Beaches Program

04 Feb 2015

Keri Kaczor, a marine professional with the University of Maine Cooperative Extension, has secured annual funding for the Maine Healthy Beaches Program. Kaczor is the coordinator of the statewide program that is dedicated to monitoring water quality and protecting public health on Maine’s coastal beaches. The program, which is funded annually by a U.S.

Environmental Protection Agency grant managed by the Maine Department of Environmental Protection (DEP), was recently awarded \$177,500 for “Maine Healthy Beaches 2015.” The program is a partnership between UMaine Extension/Maine Sea Grant, the Maine DEP and local municipalities. Participation in the program is voluntary and provides a quality-assured, unified structure for monitoring, assessment and public notification of coastal beach water quality conditions. Beaches in the program span from Kittery to Mount Desert Island, according to Kaczor. UMaine Extension staff involved in the project work to make well-informed beach management decisions as well as address pollution issues, Kaczor says.

University of Maine Announces Fall 2014 Dean’s List

05 Feb 2015

The University of Maine recognized 2,114 students for achieving Dean’s List honors in the fall 2014 semester. Of the students who made the Dean’s List, 1,622 are from Maine, 394 are from 32 other states and 98 are from 27 countries other than the U.S. Listed below are students who received Dean’s List honors for fall 2014, completing 12 or more credit hours in the semester and earning a grade point average of 3.5 or higher. [Also available is a breakdown of the Dean’s List by Maine counties.](#) *Please note that some students have requested that their information not be released; therefore, their names are not included.*

Last Name	First Name	City	State	Country
Abbo	Soraya	Richmond	CA	
Abbotoni	Sarah	Houlton	ME	
Aboulfarage	Saleh	Jeddah		Saudi Arabia
Abrams	Molly	Cutler	ME	
Aceto	Lauren	Scarborough	ME	
Achille	Charlene	Longueuil		Canada
Ackley	Megan	Holden	ME	
Acord	Noell	Richmond	ME	
Adams	Wilson	Barrington	RI	
Addessi	Antonio	Orono	ME	
Albert	Christopher	Bradford	ME	
Albert	Samuel	Eagle Lake	ME	
Alberts	Kristen	South China	ME	
Aldrich	Benjamin	Hancock	NH	
Alfonso	Nicole	Bridgewater	MA	
Ali	Yousuf	Dubai		United Arab Emirates
Allan	Connor	Wilbraham	MA	
Allan-Rahill	Nathaniel	Orono	ME	
Allen	Mathew	Sanford	ME	
Allenwood	Jennifer	Waldo	ME	

Alley	Adrienne	Livermore	ME	Saudi Arabia
Alley	Kelli	Bucksport	ME	
Allisot	Sarah	Windsor	ME	
Alshaeban	Saeed	Najran		
Alsuruj	Ayman	Orono	ME	
Altvater	Natalie	Perry	ME	
Altvater	Nicole	Old Town	ME	
Amaral	Jillian	East Providence	RI	
Ames	Bethany	Eliot	ME	
Ames	Nicholas	Kennebunkport	ME	
Andersen	Shayne	Holden	ME	
Anderson	Christopher	Old Town	ME	
Anderson	Emily	Weybridge	VT	
Andrews	Joshua	Bangor	ME	
Andrews	Max	Holden	ME	
Ansart	Michael	Tenants Harbor	ME	
Antle	James	Orono	ME	
Apple	Jane	Manchester	NH	
Areno	Meagan	Old Town	ME	
Ashey	Nicholas	Bangor	ME	
Atherton	Margaret-Grace	Brewer	ME	
Attean	Thomas	Indian Island	ME	
Audet	Alexander	Pittsfield	ME	
Audet	David	Augusta	ME	
Audet	Scott	Old Town	ME	
Austin	David	Fairfield	ME	
Aw	Sokhna	Orono	ME	
Ayes	Armando	Tegucigalpa		Honduras
Babcock	Caroline	Newton	NH	
Babineau	Ariana	Bangor	ME	
Bacchiocchi	Ellen	Lovell	ME	
Bagley	Amanda	Presque Isle	ME	

Bailey	Brooke	Biddeford	ME	
Bailey	Jacob	Buckfield	ME	
Bailey	Michael	Waterville	ME	
Bailey	Taylor	Vassalboro	ME	
Baldinger	Anna	Ungenach		Austria
Ballard	Devin	Caribou	ME	
Ballew	Erin	Hallowell	ME	
Ballou	Molly	Skowhegan	ME	
Banks	Rodney	Orono	ME	
Barberi	Olivia	Winterport	ME	
Barela	Antonia	New Boston	NH	
Barker	Cleo	Portland	ME	
Barker	James	Jay	ME	
Barletta	Anthony	Mahopac	NY	
Barra	Dominic	Wells	ME	
Barth	Riley	Waterville	ME	
Bartlett	James	Jay	ME	
Bartlett	Lucas	Oakland	ME	
Bartlett	Orie	Hampden	ME	
Bartley	Patrick	Bangor	ME	
Bartos	Katherine	Greene	ME	
Basquez	Sarah	Brunswick	ME	
Bassis	Michelle	Plainville	MA	
Bate	Keegan	Holden	ME	
Bateman	Ryan	Old Town	ME	
Bates	Gina	Merrimack	NH	
Bauer	Holly	Portland	ME	
Bauld	William	West Kennebunk	ME	
Bayer	Tayler	Portage	IN	
Beal	Caleb	Machiasport	ME	
Bean	Justin	Turner	ME	
Bean	Philip	Sidney	ME	

Beaton	Cordell	Houlton	ME
Beauchemin	Michelle	Saco	ME
Beauchesne	Julie	Camden	ME
Beaudry	Zachary	Searsport	ME
Beaulier	Abbigale	Berwick	ME
Beauregard	Christian	Stratton	ME
Becker	Alexander	North Chelmsford	MA
Becker	Alexandrea	Newburgh	ME
Bedard	Brittany	Hulls Cove	ME
Bedard	Ciera	Owls Head	ME
Beeckel	John	Augusta	ME
Beedy	Joshua	Phillips	ME
Beeskau	Stephanie	Kittery	ME
Begin	Robert	Saco	ME
Belanger	Alexander	Dayton	ME
Belanger	Dylan	Moscow	ME
Belanger	Jaimie	Clinton	ME
Belisle Haley	Campbell	Yarmouth	ME
Bellefleur	Abby	Auburn	ME
Benedix	Derek	Mexico	ME
Bennett	Abigail	Oxford	ME
Bennett	Alan	Gray	ME
Bennett	Lauren	Auburn	ME
Benoit	Mitchell	Cape Neddick	ME
Benson	Colin	Auburn	ME
Benson	Margaret	Milford	ME
Berger	Olivia	Bethel	CT
Berger	Brian	Bangor	ME
Bergeron	Rachael	Waterville	ME
Bergeron	Ryan	Howland	ME
Bergeron	Brett	Newmarket	NH
Berglund	Kelly	Hermon	ME

Berkey	Zoe	Duncan	Canada
Bernier	Spencer	Greenville Junction	ME
Berry	Kate	Orono	ME
Berube	Macey	Turner	ME
Berube	Nathan	Lewiston	ME
Bessey	Joshua	Winterport	ME
Bhatta	Abhinav	Urbanville	IA
Bibb	Tiana	Jericho	VT
Bickford-Duane	David	Orrington	ME
Billings	Ryan	West Paris	ME
Bilodeau	Juliana	Brewer	ME
Binette	Felicia	Auburn	ME
Binette	Dalton	Milan	NH
Bishop	Katherine	Frankfort	ME
Bishop	Katie	Glenburn	ME
Bishop	Sarah	Orono	ME
Bistri	Donald	Tirana	Albania
Biswas	Sonia	Brewer	ME
Bizier	Thomas	Livermore	ME
Black	Aaron	Fayette	ME
Black	Alex	Fayette	ME
Black	Brailee	Trenton	ME
Blais	Benjamin	New Gloucester	ME
Blake	Austin	Westbrook	ME
Blanchard	Brian	Thorndike	ME
Blanchard	Matthew	Cumberland Center	ME
Blauvelt	Samuel	Windham	ME
Blodgett	Mary Ellen	Fairfield	ME
Blood	Emily	Searsmont	ME
Bloss	Amanda	Litchfield	ME
Bodinier	Emilie	Niafles	France
Bois	Kevin	Westbrook	ME

Boissonneault	Eve	Sudbury	Canada
Bolduc	Eric	Dixfield	ME
Bolduc	Natalie	Dixfield	ME
Bolduc	Samuel	Bangor	ME
Bolin	Danielle	Windsor Locks	CT
Bolster	Katherine	Walpole	ME
Bonin	Jesse	Boothbay	ME
Bonnanzio	Anne	Milford	CT
Boomer	Rebekah	Hampden	ME
Boomer	Sarah	Hampden	ME
Bordeau	Emily	Old Orchard Beach	ME
Bouchard	Margaret	Topsham	ME
Bouchard	Mariana	Brewer	ME
Boucher	Katherine	East Lyme	CT
Boucher	Kevin	Madawaska	ME
Bouffard	Ian	Wales	ME
Bourgoin	Brandon	Lee	ME
Bourque	Blake	Belgrade	ME
Bousfield	Kayla	Glenburn	ME
Bouthot	Justine	Biddeford	ME
Bovie	Marissa	Vassalboro	ME
Bowen	Nicole	Fairfield	ME
Bowen	Zachary	Plaistow	NH
Bowman	Alexis	Waterville	ME
Bowman	Evan	Hermon	ME
Boyington	Nikky	Swanville	ME
Boyle	Nicoleen	Nashua	NH
Brackett	Ashley	Auburn	ME
Brackett	Taylor	Auburn	ME
Bradford	Abigail	Westport Island	ME
Bragg	Allyson	Roxbury	MA
Bragg	Abigail	Sumner	ME

Brainerd	Amanda	Bangor	ME	
Brakey	Allison	Orono	ME	
Brannigan	Jack	Chelsea	ME	
Brasslett	Roger	Brewer	ME	
Brecker	Joshua	Stow	ME	
Breton	Gretel	Greenville	ME	
Brewer	Addison	Bangor	ME	
Bridges	Katie-Lynn	Calais	ME	
Brigham	Emilie	Andover	MN	
Brightney	James	Newburyport	MA	
Briglio	Justin	Saulte Ste Marie		Canada
Brooks	Tyler	Orono	ME	
Brosnan	John	Barrington	RI	
Brown	Cameron	Natick	MA	
Brown	Aaron	Clinton	ME	
Brown	Abegayle	Gorham	ME	
Brown	Adam	Scarborough	ME	
Brown	Amy	Newburgh	ME	
Brown	Caitlynn	Portland	ME	
Brown	Darren	Westbrook	ME	
Brown	Garrett	Eliot	ME	
Brown	Isiah	Dixfield	ME	
Brown	Jordan	Augusta	ME	
Brown	Joshua	Orono	ME	
Brown	Karen	Edgecomb	ME	
Brown	Nicole	Lebanon	ME	
Brown	Samantha	Orono	ME	
Brown	Renee	Schenectady	NY	
Browne	Hailey	Oakville		Canada
Bruno	Catherine	Hampden	ME	
Bryant	Emily	Orono	ME	
Buck	Clarissa	Chapman	ME	

Buck	Kelsey	Chapman	ME	
Buck	Jayne	Nottingham	NH	
Bucklin	Benjamin	Searsport	ME	
Bucklin	Jacob	Searsport	ME	
Buczkowski	Emily	Woolwich	ME	
Bullard	Andrew	Alfred	ME	
Bullard	Samantha	Levant	ME	
Bunn	Connor	Mertztown	PA	
Buonomano	Nolan	Fitzwilliam	NH	
Burditt	Gabriel	Hampden	ME	
Burke	Heather	Orono	ME	
Burleigh	Maxine	Medway	ME	
Burne	Courtney	Topsham	ME	
Burnette	Matthew	Brunswick	ME	
Burns	Crystal	Bangor	ME	
Burns	Nathan	Whitefield	ME	
Burrows	Daniel	Haverhill	MA	
Bursch	Cody	Minneapolis	MN	
Burton	Lindsey	North Yarmouth	ME	
Bush	Timothy	Brewer	ME	
Bussell	Kelly	Bangor	ME	
Butler	Andrew	Berwick	ME	
Butler	John	Newport	ME	
Buttarazzi	Colin	Arundel	ME	
Byrnes	Meaghan	Windham	ME	
Byron	Blaine	Ottawa		Canada
Cabrera	Alexander	Miami	FL	
Caccese	Vincent	Bangor	ME	
Calabrese	Victoria	Sierra Vista	AZ	
Call	Helen	Dresden	ME	
Callahan	Emily	Raymond	ME	
Cammack	Marc	Holden	ME	

Campbell	Evan	Cumberland	ME
Campbell	John	Cape Elizabeth	ME
Campbell	Victoria	Marlton	NJ
Cannon	Christine	Dover Foxcroft	ME
Capella	Maralee	Wanaque	NJ
Caramihalis	Katherine	Alfred	ME
Carlin	Karyn	Surry	ME
Carlson	Benjamin	Gorham	NH
Carlucci	John	Danbury	CT
Carmichael	Chloe	Bucksport	ME
Caron	Christina	Dayton	ME
Caron	Kimberly	Brewer	ME
Caron	Molly	Holden	ME
Caron	Sarah	Holden	ME
Carpenter	Taylor	New Limerick	ME
Carpentier	Bradford	Windham	ME
Carr	Jordan	Veazie	ME
Carrier	Tyler	Barre	VT
Carroll	Aleeshia	Lyman	ME
Carten	Sarah	Reading	MA
Carter	Mindy	Blue Hill	ME
Cartlidge	Calen	Westminster	CO
Caruso	Paul	Cumberland Center	ME
Casey	Jillian	Burlington	MA
Casey	Shawn	Veazie	ME
Cashin	Jennifer	New Boston	NH
Cashman	Anna	W Wardsboro	VT
Casoli	Jonna	Waterboro	ME
Castagnetto	Kyle	Winslow	ME
Castonguay	Arianna	Augusta	ME
Castonguay	Zakkary	Lewiston	ME
Castro	Anthony	Cape Elizabeth	ME

Cates	Morgan	Camden	ME	
Caulfield	Kathryn	Naples	ME	
Cavallaro	Kayla	Portland	ME	
Cavanaugh	Meaghan	Calais	ME	
Caywood	Naomi	New Sharon	ME	
Cedrone	Evan	Manchester	CT	
Celestine	Patrick	Portland	ME	
Chadrawi	Amber	Dover Foxcroft	ME	
Chaisson	Emma	Norfolk	MA	
Chamberlain	Thad	Benton	ME	
Chamberland	Ryan	Auburn	ME	
Champagne	Josie	Fairfield	ME	
Champagne	Rebecca	West Gardiner	ME	
Chan	Perry	Lewiston	ME	
Chantillon	Tim	Aartselaar		Belgium
Chapman	Benjamin	Portland	ME	
Chapman	Molly	Brewer	ME	
Chapman	Ella	Post Mills	VT	
Chappell	Brett	Rock Falls	IL	
Charles	Chantel	Hackney, London		United Kingdom
Chase	Brittney	Glenburn	ME	
Chase	Cody	Rockland	ME	
Chase	Jacob	Orland	ME	
Chase	John	Lee	ME	
Chase	Rachel	Warren	ME	
Chase	Aaron	Concord	NH	
Chavis	Grace	Fairfield	ME	
Chavis	Hannah	Fairfield	ME	
Cheff	Joseph	Glenburn	ME	
Chen	FuFei	Owls Head	ME	
Chen	Shuling	Changsha City		China
Cherry	Alexander	Scarborough	ME	

Chomyn	Mallerie	Freeport	ME
Chretien	Brandyn	South Portland	ME
Chu	Connor	Winthrop	ME
Church	Miranda	Dover Foxcroft	ME
Church	Patrick	Lancaster	NH
Ciomei	Hayden	Stonington	ME
Cirrinone	Amy	Hampden	ME
Claar	Joseph	Orono	ME
Clark	Brandon	Greene	ME
Clark	Camden	Newport	ME
Clark	Dallas	Augusta	ME
Clark	Daniel	Bangor	ME
Clark	Jesse	Calais	ME
Clark	Kaitlin	Standish	ME
Clark	Edward	Croton on Hudson	NY
Clarke	Naedia	Randolph	MA
Clarke	Kenneth	Litchfield	ME
Clarke	Mamie	Sebec	ME
Clasby	James	Loudon	NH
Claussen	Rachel	North Granby	CT
Clement	Leah	Orono	ME
Clements	Rebecca	Veazie	ME
Cliff	Audrey	Hermon	ME
Clifford	Julie	Bangor	ME
Clifford	Krista	Oxford	ME
Cloran	William	Lincoln	ME
Closson	Andrew	Hampden	ME
Closson	Matthew	Hampden	ME
Cloutier	Michael	Townsend	MA
Cloutier	Hannah	Old Town	ME
Cloutier	Meagan	Calais	ME
Cloutier	Moriah	Vassalboro	ME

Cloutier	Shane	Durham	ME
Cloutier	Taylor	Old Town	ME
Cloutier	Emberly	Niskayuna	NY
Clyne	Kevin	Salem	MA
Cochran	Taylor	Topsfield	ME
Codega	Anthony	Castine	ME
Colburn	Shelby	Eddington	ME
Cole	Alexandra	Belgrade	ME
Cole	Avery	Orono	ME
Cole	Dylan	Hampden	ME
Cole	Jacob	Sidney	ME
Coleman	Tyler	Rockport	ME
Colesworthy	Peter	North Yarmouth	ME
Colfer	Emily	Manchester	ME
Collett	Blaise	Orono	ME
Collett	Schuyler	Orono	ME
Collias	Joseph	Wilton	CT
Collins	Annie	Caribou	ME
Collins	Jacob	Rockland	ME
Collins	Kayla	Orono	ME
Colson	Sierra	Mount Desert	ME
Comaskey	Lucy	Brunswick	ME
Conklin	Shelby	Saco	ME
Connelly	Meghan	Wells	ME
Connerty-Marin	Zachary	Orono	ME
Conrad	Olivia	Yarmouth	ME
Cook	Abigail	Canandaigua	NY
Cooledge	Danielle	Scarborough	ME
Cooney	Lynne	Westport Island	ME
Coonfield	Alissa	Havertown	PA
Cooper	Ashley	Westport	MA
Copeland	Theresa	Holden	ME

Copp	Jason	Madison	ME
Copperman	Keren	Orono	ME
Corbett	Emma	Yarmouth	ME
Corey	Nicholas	Lisbon	ME
Cormier	Jacqueline	Sullivan	ME
Cormier	Kayla	Caribou	ME
Corriveau	Kelsey	Castle Hill	ME
Corson	Megan	Dresden	ME
Costello	Sara	Yarmouth	ME
Coston	Katrina	Bangor	ME
Cote	Elizabeth	Augusta	ME
Cote	Robert	Biddeford	ME
Cotter	Summer	East Sandwich	MA
Coulter	Everett	Saint Albans	ME
Courtney	Alexandra	Saco	ME
Courtney	Amelia	Saco	ME
Courtright	Sarah	Bangor	ME
Couture	Emalee	West Gardiner	ME
Cowan	Kara	Orrington	ME
Cowger	Felicia	Weston	ME
Cox	Ryan	Bar Harbor	ME
Cox	Sean	Bar Harbor	ME
Coyle	Donncha	Lebanon	NH
Coyne	Katherine	Barrington	RI
Craig	Emily	Stonington	CT
Cramer	Camille	Milo	ME
Crandall	Rebecca	Houlton	ME
Crane	Ashley	Gorham	ME
Crawford	Anthony	Wells	ME
Cromwell	Jackson	Westport Island	ME
Crone	Logan	Danforth	ME
Cronin	Colby	Sanford	ME

Cronin	Taylor	Naples	ME
Cropley	Colleen	Hermon	ME
Crosby	Kathleen	Georgetown	ME
Crosby	Sierra	Lisbon Falls	ME
Cross	Jenna	Bangor	ME
Cross	Samuel	South Portland	ME
Cross	Heather	Barton	VT
Croteau	Steven	Litchfield	NH
Crowley	Jamie	Old Orchard Beach	ME
Cullinane	Andrew	Enfield	NH
Cullinane	Grace	Enfield	NH
Cumming	James	Manchester	ME
Cummings	Kerry	Westport Island	ME
Cunningham	Taylor	Beverly	MA
Cunningham Tuthill	Rachel	North Providence	RI
Curless	Jeffrey	Watertown	CT
Curran	Nicolette	Skowhegan	ME
Curtis	Alyssa	Eliot	ME
Curtis	Amanda	Freeport	ME
Curtis	Mariah	Orono	ME
Curtis	Caroline	Virginia Beach	VA
Cust	Alex	Hampden	ME
Cutting	Kathryn	Sebago	ME
Cyr	Allison	Cross Plains	TN
Czora	Thelian	Contoocook	NH
D'Alessio	Daniel	Middleboro	MA
D'Antilio	Kestrel	Hartland	ME
D'salva-Bouton	Ruby	Guilford	ME
Dagher	Katerina	Veazie	ME
Daigle	Elise	Natick	MA
Daigle	Katrina	Glenburn	ME
Daley	Jennie	Sullivan	ME

Daley	Jordan	Calais	ME
Daly-O'Donnell	Jake	Walpole	ME
Damboise	Shaunna	Kents Hill	ME
Damsky	Jenya	Salem	MA
Dandy	Michael	Portland	ME
Daneau	Alexis	Lawrence	MA
Danforth	Ashley	Hampden	ME
Danforth	Katherine	Hampden	ME
Dao	Kent	Biddeford	ME
Darling	Douglas	Wells	ME
Darlington	Jana	Brockton	MA
Darragh	Jade	Bucksport	ME
Davis	Brady	Freeport	ME
Davis	Jennifer	Kennebunkport	ME
Davis	Kelsey	Deer Isle	ME
Day	Jillian	Machiasport	ME
de Silva	Amy	North Dartmouth	MA
Deakin	Joshua	Hampden	ME
Dean	Audrey	Dayton	ME
Dean	Sarah	Richmond	ME
Dean	Chelsea	Seabrook	NH
DeBrock	Spencer	Newtown	CT
Dechaine	Cassandra	Waterville	ME
Decker	Daniel	Dover Foxcroft	ME
Dee	Nathan	Bangor	ME
Deering	Emily	South China	ME
DeForest	Sally	Brunswick	ME
DeFrancesco	Kayleigh	Saco	ME
DeGone	Brianna	Turner	ME
Delaney	Mark	West Newbury	MA
Delcourt	Meaghan	Old Town	ME
DeLisle	Allison	Rome	ME

DellaMattera	Allison	Belfast	ME
DeLong	Katelyn	Bangor	ME
DeLong	Joshua	Auburn	ME
DeMello	Sara	Rochester	MA
Demin	Elizabeth	Saco	ME
Demissew	Amanuel	Laurel	MD
Denbow	Chad	Lubec	ME
Dendinger	Reuben	New Orleans	LA
Denduang	Anderson	Stockton Springs	ME
Densmore	Drew	New Gloucester	ME
Deon	Hanna	Industry	ME
Deroche	Caroline	Eddington	ME
Derosier	Derek	Orono	ME
DeRoy	Joseph	Gorham	ME
Deschaine	Jonathan	Dedham	ME
Deschesne	Jasmine	Hampden	ME
Deshon	Jacquelyn	Dover	NH
Desjardins	Lucas	Bangor	ME
Desoto	Marianna	Gardiner	ME
Desrochers	Spencer	Biddeford	ME
DeVaudreuil	Laura	Cumberland	ME
Dever	Mary	Dover Foxcroft	ME
Devers	Connor	North Attleboro	MA
DeVoe	Savannah	Naples	ME
Devou	Jessica	Levant	ME
Dewey	Marley	Falmouth	ME
Dezso	Lisa	Old Town	ME
DiAngelo	Anthony	Greenville Junction	ME
DiBello	Kristen	Greene	ME
Dick	Cameron	Sidney	ME
Dickinson	Jaden	Skowhegan	ME
Diemer	Trevor	Freedom	ME

Dietrich	Alexis	Freeport	ME
Dill	Jedd	Kennebunk	ME
Dillane-Warwick	Sennen	Bangor	ME
Dillon	Kelsey	Scarborough	ME
Dimick	Taylor	Portland	ME
DiPhilippo	Isabella	Scarborough	ME
DiPompo	Brittany	Jay	ME
DiPrisco	Chad	Springvale	ME
DiRenzo	Katherine	North Attleboro	MA
Dix	Alexandria	Lebanon	ME
Doak	Lauren	Fort Kent	ME
Doiron	Cara	Bangor	ME
Donahue-Ramsey	Samantha	Scarborough	ME
Donley	Julia	Gorham	ME
Donnelly	Samuel	Hampden	ME
Donovan	Laura	Veazie	ME
Dood	Megan	Readfield	ME
Dooling	Kelly	South Portland	ME
Doran	Brian	AYR	Canada
Dorman	Maxwell	Keene	NH
Doty	James	Ellsworth	ME
Douglass	Dana	Phippsburg	ME
Dow	Lillian	Millinocket	ME
Dowd	Kailey	Mendon	MA
Downer	Tori	Cape Elizabeth	ME
Downing	Mindy	Brownville	ME
Doyer	Olivia	Mechanic Falls	ME
Doyle	Frances	Stockton Springs	ME
Doyle	Johna	Gorham	ME
Doyon	Emily	Biddeford	ME
Drake	Caleb	Kennebunk	ME
Drinkwater	Maggie	South Thomaston	ME

Driscoll	Suzanne	Yarmouth	ME
Drotar	Jesse	Lincolnville	ME
Drummond	Chase	Weeks Mills	ME
Drysdale	Melissa	Eliot	ME
Dube	Cecilia	Winterport	ME
DuBois	Desirae	Island Falls	ME
Dubois	Hannah	Bangor	ME
Dubois	Samuel	Oakland	ME
Dubuc	Nate	Windham	ME
Duddy	Samuel	Cape Elizabeth	ME
DuEst	Sydney	Scarborough	ME
Duff	Michelle	Bangor	ME
Duffy	Bridget	Gardiner	ME
Dufresne-Dixon	Marie	Auburn	ME
Duggan	Michael	Acton	MA
Duguay	Sage	Waterville	ME
Dumas	James	Lewiston	ME
Dumas	Jared	Lewiston	ME
Dumas	Kevin	Old Town	ME
Dunbar	Elizabeth	Southwest Harbor	ME
Dunham	Diane	Charleston	ME
Dunham	Jennifer	Old Town	ME
Dunleavey	Michael	Gouldsboro	ME
Dunn	Avery	Dayton	ME
Dunn	Nathan	Berwick	ME
Dunning	Matthew	Orrington	ME
Dunphy	Megan	Pittsfield	ME
Dunton	Samantha	Winterport	ME
Duperry	Ryan	Clinton	ME
Dupuis	Lynsie	Rumford	ME
Duran-Frontera	Emily	Las Marias	Puerto Rico
Duron	Olivia	Hampden	ME

Dwyer	Patrick	Worcester	MA	
Dyer	Guthrie	Orono	ME	
Dyer	Jessica	Brooksville	ME	
Dyer	Emily	Bristol	RI	
Dziegiel	Brandie	Southwest Harbor	ME	
Eaton	Ashley	Yarmouth	ME	
Ebina	Yukino	Aomori		Japan
Edgerton	Rashon	Brunswick	ME	
Edmondson	Mimi	North Yarmouth	ME	
Edwards	Ashley	West Suffield	CT	
Edwards	Kelly	Pownal	ME	
Egeland	Dylan	Cape Elizabeth	ME	
Elder	Hannah	Edgecomb	ME	
Eldridge	Erin	Brunswick	ME	
Eldridge	William	Gorham	ME	
Ellsmore	Bethany	Wigan		United Kingdom
Ellsworth	Naomi	Greenwood	ME	
Elsemore	Caleb	South Portland	ME	
Elwell	Abigail	Hartland	ME	
Elwell	Amber	Spruce Head	ME	
Emajoe	Liis	Tallinn		Estonia
Emerson	Darlene	Bangor	ME	
Emery	Mason	South China	ME	
Engelhart	Erich	Nashua	NH	
Engroff	Aaron	Orrington	ME	
Erickson	Jo-an	Acton	MA	
Erickson	Austin	Blue Hill	ME	
Errico	Lauren	Kennebunk	ME	
Erwin	Rosaleen	Brunswick	ME	
Escobar	Jared	Orono	ME	
Eslin	Allyson	Bangor	ME	
Estey	Ezra	Windsor	CT	

Etro	Isabella	Eliot	ME	
Evangelista	Shania	Old Orchard Beach	ME	
Falkin	Amy	Roswell	GA	
Fall	Amanda	East Haddam	CT	
Falvey	Shannon	Orrington	ME	
Fappiano	Nicholas	Exeter	NH	
Fargnoli	Nicholas	Wayland	MA	
Farley	Gabrielle	Blue Hill	ME	
Farr	Allison	Cumberland Center	ME	
Fasano	Robert	Jefferson	ME	
Fatula	John	Bradley	ME	
Faugno	Theodore	Stamford	CT	
Favreau	Samuel	Falmouth	ME	
Fearing	Sarah	Union	ME	
Fearn	Benjamin	Bangor	ME	
Federico	Jennifer	Glenburn	ME	
Fellows	Mitchell	Readfield	ME	
Fenn	Oliver	Washington	ME	
Fereshetian	Allison	Turner	ME	
Ferguson	Julianna	Sandwich	MA	
Ferguson	Grace	Gray	ME	
Ferguson	Nickolas	Sidney	ME	
Fernald	Coleman	Bar Harbor	ME	
Ferrara	Rachel	North Yarmouth	ME	
Ferry	Shauna	Bowdoinham	ME	
Ferszt	Jerry	Caribou	ME	
Feuka	Abigail	Perry	MI	
Fichter	Casey	Benedicta	ME	
Fillsack	Mareike	Brachtal		Germany
Finemore	Kirsha	Oakland	ME	
Fischang	Colby	Oakland	ME	
Fish	Amy	Mountville	PA	

Fisher	Jamie	South Portland	ME
Fisher	Zachary	Sabattus	ME
Fitzgerald	Ashley	Franklin	MA
Fitzgerald	Allicyn	Bowdoin	ME
Fitzgerald	Reilly	Winthrop	ME
Fitzpatrick	Delaney	Patten	ME
Fitzpatrick	Kelsey	Houlton	ME
Fitzpatrick	Molly	North Yarmouth	ME
Fitzpatrick	Shannon	Orono	ME
Flanagan	Ryan	Farmington	ME
Flanagan	Meghan	Brookline	NH
Flanders	Michael	New Gloucester	ME
Fletcher	Jennifer	South Portland	ME
Flynn	Brian	Rocky Hill	CT
Fogg	Kailey	Old Orchard Beach	ME
Folan	Molly	Gorham	ME
Foley	Erin	Winterport	ME
Foley	Jackson	Eliot	ME
Foley	Sean	Portland	ME
Folger	Hannah	South Berwick	ME
Folger	Madelyn	South Berwick	ME
Folsom	Alison	Saco	ME
Ford	Sarah	Londonderry	NH
Fortier	Daniel	Lewiston	ME
Fortier	Tara	Guilford	ME
Fortier-Brown	Colby	Randolph	ME
Fortin	Michaela	Jefferson	ME
Fortin	Brianna	Hooksett	NH
Foster	Jacob	Athol	MA
Foster	Andrew	Jefferson	ME
Foster	Andria	Orono	ME
Foster	Devon	Bangor	ME

Foster	Krista	Hudson	ME	
Fouchereaux	Claire	Yarmouth	ME	
Fournier	Andrew	Bangor	ME	
Fowler	Stephanie	Casco	ME	
Fowlie	Kyle	Rockland	ME	
Francis	Christopher	Hampden	ME	
Francis-Mezger	Pascal	Searsport	ME	
Franklin	Amy	Bath	ME	
Freeman	Maxfield	Portland	ME	
Freire Sanches	Franco	Campo Mourao		Brazil
Frey	Derek	Kenduskeag	ME	
Fried	Nicholas	Millerstown	PA	
Frisard	Meghan	Groton	MA	
Frost	Sarah	Franklin	ME	
Fujimagari	Mariah	Markham		Canada
Fuller	Chynna	Old Town	ME	
Fullmer	Adam	Hallowell	ME	
Fullmer	Logan	Lebanon	PA	
Gagne	Eliot	Westbrook	ME	
Gagne	Cassidy	Barrington	NH	
Gagnon	Drew	Raymond	ME	
Gagnon	Victoria	Madawaska	ME	
Galgano	Elise	Cape Elizabeth	ME	
Gallant	Emily	Rumford	ME	
Gallant	Cole	Brookline	NH	
Gamache	Jillian	Windham	ME	
Garcelon	Cassie	Brewer	ME	
Garcia	Joseph	Etna	ME	
Garfield	Nicholas	Lowell	ME	
Garland	Russell	Scarborough	ME	
Gates	Avery	Norway	ME	
Gayton	Kayla	Sabattus	ME	

Gazura	Kaylie	Setauket	NY
Geffken	Maximilian	Lincolnville	ME
Geissler	Michael	Cumberland Center	ME
Geldermann	Hallie	Bristol	NH
Gendreau	Deejay	Madawaska	ME
Gendreau	Jacob	Saint David	ME
Gent	Melissa	Searsport	ME
Georges	Marie-France	Orono	ME
Germaine	Rachel	Westbrook	ME
Germanakos	Adrienne	Lynbrook	NY
Gerow	Gabriel	Glenburn	ME
Gervais	Connor	Scarborough	ME
Giammarco	Charles	Clifton	ME
Gibbons	Amanda	Saco	ME
Gibbs	Wendy	Brooks	ME
Gifford	Miranda	Bradley	ME
Gilbert	Christopher	Bernardston	MA
Gilbert	Heather	Farmingdale	ME
Gilbert	Mariah	Cumberland Center	ME
Gilbert	Shanay	Hallowell	ME
Gilio	Jordyn	Hampden	ME
Gillette	Catherine	Brownfield	ME
Gilley	Kortlyn	Stetson	ME
Gillis	Alexis	Brunswick	ME
Giroux	Marissa	Richmond	VT
Gissler	Jenna	Newbury	NH
Glazer	Holly	Stanmore	United Kingdom
Gleason-Boure	Nicolas	Windham	
Glidden	Olivia	Portland	
Gluchanicz	Alice	New Harbor	ME
Glusker	Elisha	Augusta	ME
Goding	Natalie	Livermore Falls	ME

Goins	Faythe	Elgin	SC
Goldshein	Laura	Orono	ME
Gonnella	Edward	Old Town	ME
Good	Brittany	Presque Isle	ME
Goodale	Tabatha	Alfred	ME
Goode	Sarah	Westford	MA
Goode	Andrew	Boothbay	ME
Goodin	Joseph	Orono	ME
Goodine	Lauren	Woodville	ME
Goodine	Mercedes	Bangor	ME
Goodney	Christopher	Henderson	NV
Goodridge	Allison	Bowdoin	ME
Goodwin	Brady	Alfred	ME
Goodwin	Cameron	Windham	ME
Goodwin	Rita	Passaic	NJ
Goplerud	Elise	Lexington	MA
Gordon	Joshua	Presque Isle	ME
Gosselin	Sarah	Greene	ME
Gottlieb	Kathryn	Boothbay	ME
Gould	Grace	Waterville	ME
Goulet	John	Lewiston	ME
Goulet	Stephen	Presque Isle	ME
Goulette	Zachary	Turner	ME
Goupille	Kyle	Presque Isle	ME
Gowell	Ian	Amherst	NH
Gower	Abigail	Whitefield	ME
Grace	Sean	South Thomaston	ME
Grady	Kelsie	Waldoboro	ME
Graebert	Colin	Stockton Springs	ME
Graham	Kelly	Merrimack	NH
Gramse	Stephanie	Falmouth	ME
Granger	Aeleah	Gray	ME

Grant	Elizabeth	South Portland	ME
Grant	Miranda	Ellsworth	ME
Grass	Meagan	Orrington	ME
Gray	Abbie	Old Town	ME
Gray	Kayla	Verona Island	ME
Greco	Callie	Greene	ME
Green	Mckenzie	Augusta	ME
Greenawalt	Kayla	Auburn	PA
Greene	Nicole	Winslow	ME
Greenlaw	Devin	Brunswick	ME
Greenlaw	Tyler	Old Town	ME
Greenwood	Courtney	Windham	ME
Gregory	Steven	Millinocket	ME
Gridley	Sierra	Portland	ME
Griffeth	Charlie	Caribou	ME
Griffin	Gregory	Hodgdon	ME
Griffin	Ashley	Coventry	RI
Griffith	Thomas	Veazie	ME
Grimm	Natalie	Saint Louis	MO
Grindle	Alexa	Holden	ME
Grindle	Kimberly	Brewer	ME
Grindle	Samuel	Deer Isle	ME
Grissinger	Alexa	Elkins Park	PA
Grondin	Sarah	Falmouth	ME
Grossman	Emily	Westbrook	ME
Grover	Hannah	East Vassalboro	ME
Grzybowski	Cameron	Newmarket	NH
Guidosh	Michael	Saint Johnsbury	VT
Guild	Cameron	Manchester	ME
Gundlach	Chelsey	Norwood	MA
Guptill	Jennifer	Vinalhaven	ME
Gurney	Mercedes	Rumford	ME

Gusmini	Shannon	Natick	MA	
Gustafsson	Mikaela	Sodertalje		Sweden
Haddaway	Conrad	Sudborough		United Kingdom
Hadyniak	Kyle	Freedom	ME	
Haines	Savannah	Westport Point	MA	
Haines	Thomas	Wilton	ME	
Halfman	Maggie	Fond Du Lac	WI	
Hall	Heather	Sebago	ME	
Hall	Jessica	Ingersoll		Canada
Hall-Stratton	Daya	Orono	ME	
Haller	Taryn	Mystic	CT	
Hallgren	Jacob	Berlin	NH	
Halliday	Corey	North Berwick	ME	
Halligan	Christopher	Winthrop	ME	
Hamami	Efrat	Lexington	MA	
Hamilton	Jessica	Orono	ME	
Hamm	Jill	Bangor	ME	
Hammond	Allison	Rangeley	ME	
Hamrick	Nichole	Ellsworth	ME	
Hannigan	Abigail	Kittery Point	ME	
Hanscom	Dylan	Dexter	ME	
Hanson	Kaitlyn	Warren	ME	
Hanson	Kyle	Oakland	ME	
Hardy	Emma	Veazie	ME	
Hardy	Jessie	Bangor	ME	
Haritos	Nicholas	Kennebunk	ME	
Harkins	Matthew	Bernard	ME	
Harman	Sarah	Old Town	ME	
Harriman	Jacob	Augusta	ME	
Harriman	Lorna	Troy	ME	
Harrington	Danielle	Milford	ME	
Harrington	Katherine	Cumberland Center	ME	

Harris	Jacquelyn	Westbrook	ME	United Kingdom
Harris	Rebecca	Saco	ME	
Harrison	Phillip	St Johns		
Harrison-Billiat	Neal	Appleton	ME	
Hartford	Alexander	Jay	ME	
Hartin	Shelby	Crystal	ME	
Harvell	Kimberly	Calais	ME	
Harvey	Rachel	Southington	CT	
Harvey	Alicia	South Portland	ME	
Harvey	Naja	Saint Paul	MN	
Harvie	Christian	Scarborough	ME	
Hashey	Nicolette	Hermon	ME	
Hashmi	Hina	Veazie	ME	
Haskell	Brooke	Dexter	ME	
Hatch	Bonnie	Hermon	ME	
Hatch	Jacob	Portland	ME	
Hatch	Samuel	Litchfield	ME	
Hathaway	Carter	Turner	ME	
Hathaway	Katie	Veazie	ME	
Hauer	Alexander	Bridgeport	CT	
Hay	Ian	West Roxbury	MA	
Hayden	Abigail	Surry	ME	
Hayden	Anna	Brewer	ME	
Hayes	Darren	Plymouth	ME	
Hayes	William	Harpswell	ME	
Hayford	Andrew	Cape Neddick	ME	
Haynes	Megan	Rochester	MN	
Heald	Sarah	Clinton	ME	
Hebert	Michael	Portland	ME	
Hegarty	Holly	Dixmont	ME	
Heikkinen	Mikael	Auburn	ME	
Hein	Jill	Holden	ME	

Helfen	Erin	Brewer	ME	Germany
Helsor	Logan	Lincoln	ME	
Hendershot	Evan	Durham	ME	
Henderson	Zackary	Bangor	ME	
Heno	Timothy	Franklin	MA	
Herlihy	John	Brewer	ME	
Hernandez	Marcy	Houlton	ME	
Hernandez	Nathaniel	Auburn	ME	
Herrick	Robert	Topsham	ME	
Herron	Kimberly	Old Town	ME	
Herrschaft	Gene	Portland	ME	
Hersom	David	Turner	ME	
Heuer	Annika	Stolberg		
Heuschkel	James	New Hartford	CT	
Hewins	Kia	Cape Elizabeth	ME	
Heyden	Deborah	Carmel	ME	
Hidu	Julia	Hampden	ME	
Higgins	Carolyn	Melrose	MA	
Higgins	Gavin	Lincoln	ME	
Higgins	Lucas	Waterville	ME	
Higgins	Nickolette	Hermon	ME	
Hildebrant	Charles	Dover Foxcroft	ME	
Hill	Morgan	Turner	ME	
Hillier	Todd	Bangor	ME	
Hilt	Samantha	Union	ME	
Hindley	Dillion	Freeport	ME	
Hindley	Zachery	Freeport	ME	
Hindy	George	Nashua	NH	
Hitte	Hannah-Nicole	West Warwick	RI	
Hoak	Sarah	Cambridge	ME	
Hockridge	Cady	Bangor	ME	
Hoepner	Joshua	Damariscotta	ME	

Hoey	Samuel	Searsmont	ME	
Hoffman	Melissa	Madison	CT	
Hoffman	Jennifer	Chagrin Falls	OH	
Hohenstein	Tyler	Alexandria	VA	
Holbrook	Sarah	Fort Fairfield	ME	
Holland	Lauren	Canterbury	CT	
Holland	Jesse	Brunswick	ME	
Hood	Leslie	Bangor	ME	
Hood	McKenzie	Bangor	ME	
Hooke	Steven	Bangor	ME	
Hoops	Sarah	Scarborough	ME	
Horne	Joshua	Jay	ME	
Houdeshell	Jordan	Ledyard	CT	
Houston	Emma	Kingfield	ME	
Houtz	Jack	Stamford	CT	
Howard	Aubrie	Fryeburg	ME	
Howard	Kenneth	Greenville Junction	ME	
Howard	Melissa	Nobleboro	ME	
Howatt	Ethan	Farmington	ME	
Howe	Maeghen	Biddeford	ME	
Howell	Anne	Union	ME	
Howell	Lauren	Ludlow	ME	
Howson	Maria	Hampden	ME	
Hoyt	Allison	Concord	NH	
Hu	Panyang	Linhai City		China
Hu	Yuqi	Hangzhou		China
Hubbard	Kennedy	Auburn	ME	
Huffor	Cheyenne	Whitinsville	MA	
Hughes	Amanda	Clifton	ME	
Hulst	Colin	Scarborough	ME	
Hummel	Victoria	Niederoesterreich		Austria
Hummes	Katie	Lewiston	ME	

Huneke	Brittney	Hastings	MN	
Hunt	Mary	Bucksport	ME	
Hunter	Haley	Caribou	ME	
Hupper	Afton	Owls Head	ME	
Hurley	Madison	Arlington	MA	
Hurley	Taylor	Marshfield	MA	
Hurley	Michael	Sanford	ME	
Huston	Logan	Hampden	ME	
Huston	Marlee	Bangor	ME	
Hutchins	Travis	Winthrop	ME	
Hutchinson	Britni	Turner	ME	
Hutchinson	James	Saco	ME	
Hutchinson	Samantha	Turner	ME	
Hutton	Benjamin	Prescott		Canada
Iannazzi	Angelina	Hampden	ME	
Inkova	Diana	Orono	ME	
Innes	Gregory	Sydney		Australia
Introne	Alexander	Orono	ME	
Iselborn	Lucy	Scarborough	ME	
Iverson	Erin	Levant	ME	
Jabar	Hannah	Waterville	ME	
Jackson	Teal	Brewer	ME	
Jacques	Daniel	Durham	ME	
Jacques	Michelle	Sanford	ME	
Jakubow	Nicole	New York	NY	
James	Allison	York	ME	
Jamo	Kristina	East Millinocket	ME	
Jandreau	Darin	Madawaska	ME	
Janeczek	Kathryn	Westford	MA	
Jarvis	Jenice	Presque Isle	ME	
Jeffrey	Benjamin	Orrington	ME	
Jenkins	Samuel	Old Orchard Beach	ME	

Jenkins	Taylor	Bangor	ME	
Jennings	Ryan	Holden	ME	
Jewett	Ian	Fayette	ME	
Jiang	Hubert	San Francisco	CA	
Jimenez	Alexandria	Montville	ME	
Johnson	Connor	Taunton	MA	
Johnson	Benjamin	Yarmouth	ME	
Johnson	Drew	Freeport	ME	
Johnson	Morgan	Holden	ME	
Johnson	William	East Montpelier	VT	
Johnston	Kasey	Lockport	NY	
Johnston	Emily	Karrinyup		Australia
Joles	Alexzea	Bangor	ME	
Jolicoeur	Marisa	Waterville	ME	
Jones	Sheraton	Anaheim	CA	
Jones	Ian	Canton	CT	
Jones	Kaitlin	Norwalk	CT	
Jones	Kayla	Wallingford	CT	
Jones	Christopher	Biddeford	ME	
Jones	Elizabeth	Waterville	ME	
Jones	Jaron	Old Town	ME	
Jones	Tucker	Poland	ME	
Jones	William	Falmouth	ME	
Jones	William	Portsmouth	NH	
Jordan	Anna	Ellsworth	ME	
Jordan	Merissa	Lincoln	ME	
Jordan	Samuel	Camden	ME	
Joyce	Lindsey	Cushing	ME	
Jugovic	Iva	Leskovac		Republic of Serbia
Junkins	Hayley	Berwick	ME	
Jurson	Courtney	Hodgdon	ME	
Kaiser	Lauren	Winthrop	ME	

Kamara	Abdul	Scituate	MA	
Kandiko	Lindsey	Madison	ME	
Kaplan	Ariel	South Berwick	ME	
Kaplan	Toni	South Berwick	ME	
Karam	Noah	Bangor	ME	
Karas	Hanna	Hope	ME	
Karno	Rachel	Farmington	ME	
Karunasiri	Charm	Caribou	ME	
Karunasiri	Chaya	Caribou	ME	
Kashkooli	Kimia	Glenburn	ME	
Kashkooli	Maryam	Bangor	ME	
Kaspala	Adam	Surry	ME	
Katz	Lara	Arlington	VA	
Kaulfers	Taylor	Brewer	ME	
Kaur	Shareena	Birmingham		United Kingdom
Kavanah	Grace	Readfield	ME	
Keating	Karissa	North Andover	MA	
Keating	Hannah	York	ME	
Keaton	Katherine	Caribou	ME	
Keefner	Nicole	Great Barrington	MA	
Keeley	Margaret	Manchester	ME	
Keene	Leaha	Gorham	ME	
Keim	Loren	Dixfield	ME	
Kelley	Spencer	Danbury	CT	
Kelley	Michael	Manchester	ME	
Kelly	Madeline	Dover-Foxcroft	ME	
Kelly	Nellie	Boothbay	ME	
Kelsey	Emily	Portland	ME	
Kendal	Autumn	Orono	ME	
Kendall	Lena	New Sharon	ME	
Kennedy	Michael	Biddeford	ME	
Kent	Thomas	Eliot	ME	

Kerbs	Caleb	Brooklyn	NY	
Kern	Grant	Cumberland Center	ME	
Kerner	Anastasia	Lancaster	PA	
Kerrigan	Shannon	Litchfield	NH	
Kertesz	Zoli	Freedom	ME	
Kiah	Robert	Holden	ME	
Kieffer	Ginger	Caribou	ME	
Kiely	Timothy	Brunswick	ME	
Kiffney	Grace	Portland	ME	
Kiidli	Taaniel	South Portland	ME	
Kilby	James	Staffs		United Kingdom
Kimball	Frances	Bridgton	ME	
King	Sarah	Quincy	MA	
King	Chelsea	Holden	ME	
King	Nicole	Bangor	ME	
Kingston	Victoria	Bradford		Canada
Kinson	Damick	Grand Junction	CO	
Kirby	Allyson	Gray	ME	
Kisilywicz	Joachim	Bangor	ME	
Kittridge	Jamie	North Yarmouth	ME	
Kluge-Edwards	Leona	Casco	ME	
Kmetz	Emily	Groton	MA	
Knight	Christian	Biddeford	ME	
Knight	Lucas	Buxton	ME	
Knowles	Sarah	Andover	MA	
Knowles	Ethan	Brunswick	ME	
Knowlton	Audrey	Oakland	ME	
Knox	Keenan	Sidney	ME	
Kobrock	Emily	Gardiner	ME	
Koehler	Benjamin	Orono	ME	
Kohler	Kaitlin	Standish	ME	
Koizar	Sigrid	Vienna		Austria

Kolmar	Philip	Orono	ME	
Kolysher	Sydney	White Rock		Canada
Kornchuk	Krista	South Portland	ME	
Koss	Aaron	Montpelier	VT	
Kowalsky	Makaila	Colchester	CT	
Kramer	Ira	Veazie	ME	
Kreyssig	Stephannie	Milford	ME	
Kriegel	Darron	Rochester	NY	
Kringstad	Samantha	Orange	CT	
Kritzman	Gregory	Topsham	ME	
Kuplinski	Paige	Camden	ME	
Kurmin	Andrew	Marshfield	MA	
Kutchmarick	Aleksandr	Gorham	ME	
L'Abbe	Eve	Laval		Canada
L'Abbe	Joanie	Leval		Canada
Labbe	Meaghan	Saco	ME	
Labonte	Christian	Lewiston	ME	
Lachapelle	Devin	Norridgewock	ME	
LaClaire	Hannah	Windham	ME	
Lacroix	Cedric	Shefford		Canada
Ladd	Cory	Millinocket	ME	
Ladd	Hannah	Somerville	ME	
Ladd	Zachery	Amherst	NH	
Ladner	Justin	West Gardiner	ME	
LaFountain	Caitlin	Topsham	ME	
Laggis	Alexandra	Fairfield	VT	
LaGrange	Haley	Bowdoin	ME	
LaJoie	Nicholas	Van Buren	ME	
Lajoie	Conner	Yarmouth	ME	
Laliberte	Patrick	Windham	ME	
Lalor	Crockett	Lincolnville	ME	
LaMarca	John	Kittery	ME	

Lamarche	Nicole	Bradford	ME	
Lamb	Trevor	Lowell	MA	
Lambert	Jacqueline	Presque Isle	ME	
Lambrecht	Mark	Kittery Point	ME	
Lambrecht	Mary	Kittery Point	ME	
Lamond	Lucas	Brewer	ME	
Lamontagne	Ciera	Arundel	ME	
Lamoreau	Aaron	Bangor	ME	
Lamson	Andrew	Westbrook	ME	
Lancaster	Joseph	Scarborough	ME	
Landl	Victoria	Rochester	NY	
Landry	Cain	Saco	ME	
Landry	Drew	Saco	ME	
Landry	Dylan	Concord	NH	
Lane	Craig	York	ME	
Lane	Emily	Rockport	ME	
Lane	Evan	Old Town	ME	
Lane	Meghan	Rockport	ME	
Lane	Zachary	Portland	ME	
Lang	Tyler	Manchester	ME	
Langlais	Priscilla	Cranston	RI	
Langley-Wolf	Alyssa	Surry	ME	
Langtry	Jillian	Fort Frances		Canada
Lapham	Katrina	Belfast	ME	
LaPlante	Rhiannon	Skowhegan	ME	
Laplante	Eric	Van Buren	ME	
Laraway	Robert	Orono	ME	
LaRochelle	Julia	Winthrop	ME	
LaRose	Stefan	Cape Elizabeth	ME	
Larson	Michael	Marshfield	ME	
LaRue	Nicole	Auburn	ME	

Lataille	Sophia	Hampden	ME	Vietnam
Laverriere	Danielle	Saco	ME	
Lawrence	Caroline	Newtown	CT	
Lawrence	Troy	Orono	ME	
Lawson	Joseph	Wilton	ME	
Le	Hoang Anh	Hanoi		
Leary	Madison	Worcester	MA	
LeBaron	Allyson	Bedford	NH	
Lebel	Samuel	Winterport	ME	
LeBlond	Paige	Lewiston	ME	
Leclair	Joseph	Fairfield	ME	
Leclerc	Stephanie	Camden	ME	
LeConey	Liam	Fryeburg	ME	
Ledwith	Jordan	Norton	MA	
Lee	Jennifer	Framingham	MA	
Lee	Marjorie	East Waterboro	ME	
Lee	Vanessa	Durham	ME	
Lees	Katherine	Saco	ME	
Leese	Janet	Bernardston	MA	
Leighton	Thomas	Brewer	ME	
Leithiser	Jake	Old Town	ME	
Leland	Kayla	Steep Falls	ME	
Lelio	Danielle	Lee	NH	
Lenfest	Jarrold	Windsor	ME	
Leonard	Hayley	Braintree	MA	
Leopold	Ruth	Wilton	ME	
Lessard	Nicole	Corinth	ME	
Lessard	Trevor	Greene	ME	
Lessard	Kathryn	Bedford	NH	
Letourneau	Adam	Old Town	ME	
Letourneau	Zebediah	Rochester	NH	

LeVasseur	James	Stillwater	ME	China
Levasseur	Renee	Plymouth	ME	
Levesque	Jake	Farmingdale	ME	
Levi	Jordan	Old Forge	NY	
Lewis	Emily	Liberty	ME	
Li	Zhexin	Gutian		
Libby	Casey	Hollis Center	ME	
Libby	Justin	Brunswick	ME	
Libby	Stacey	New Gloucester	ME	
Libby	Stephanie	New Gloucester	ME	
Liberman	Kathryn	Sumner	IL	China
Lilieholm	Jennifer	Hampden	ME	
Limewood	Whitney	Bonaire	GA	
Lindbom	George	Bangor	ME	
Lindsay	Benjamin	Scarborough	ME	
Linn	Abigail	Elkhart	IN	
Linnell	Jason	Bangor	ME	
Little	Stephanie	Norridgewock	ME	
Littlefield	Elizabeth	North Berwick	ME	
Liu	Yao	Panzhihua		
Lively	Jason	Wilbraham	MA	China
Livingston	Amanda	Old Town	ME	
Livingston	Blaine	Old Town	ME	
Livingston	Hannah	Old Town	ME	
Lizotte	Craig	Skowhegan	ME	
Lochala	Abigail	New Sharon	ME	
Lochowski	Andrew	East Haddam	CT	
Locke	Kylee	Old Town	ME	
Locke	Natasha	South Portland	ME	
Lodge	Susan	Old Town	ME	
Loftin	Lori	Lutz	FL	

Logan	Connor	Cape Elizabeth	ME	China
Logie	Devon	Linneus	ME	
Long	William	Bangor	ME	
Longfellow	Steven	Farmingdale	ME	
Looker	Robert	Ellsworth	ME	
Loring	Delaney	Portland	ME	
Loseby	Justin	White River Junction	VT	
Louis	Jonathan	Taunton	MA	
Love	Tyrel	Orono	ME	
Lovejoy	Victoria	Augusta	ME	
Lucas	Michael	Auburn	ME	
Lucier	Celena	Waterville	ME	
Lucy	Colleen	Verona Island	ME	
Ludden	Danielle	Unity	ME	
Luken	Hannah	West Gardiner	ME	
Lund	Jillian	Belchertown	MA	
Lunn	Johanna	Bangor	ME	
Lunn	Nicholas	Houlton	ME	
Luo	Tian	Shenzhen		
Lupo	Holly	Smithfield	ME	
Lutick	Zachary	Auburn	ME	
Luy	Sebastian	Standish	ME	
Lydick	Victoria	St. John	IN	
Lynch	Briana	Auburn	ME	
Lyons	Jared	Medway	ME	
Lyons	Michael	New Gloucester	ME	
Mabie	Anna	Skowhegan	ME	
MacDonald	Abigail	Yarmouth	ME	
MacDonald	Amanda	Brunswick	ME	
Mace	Kelby	Readfield	ME	
Machala	Michelle	New York	NY	

MacKay	Patrick	Ellsworth	ME	
Mackie-Malcolm	Currenn	Stow	ME	
Maclean	Michael	Wilton	ME	
Macy	Thomas	Hallowell	ME	
Maddocks-Wilbur	Justice	Ellsworth	ME	
Madsen	Brendan	Dover	NH	
Mahar	Rachael	Pembroke	ME	
Mahboub	Aakan	Jedday		Saudi Arabia
Malady	Joseph	Freedom	ME	
Malitsky	Leah	Kennebunk	ME	
Maloy	Maggie	Biddeford	ME	
Manandhar	Sony	Kathmandu		Nepal
Mancheva	Amanda	Sofia		Bulgaria
Manley	Hunter	Orono	ME	
Mantis	Alexis	Orono	ME	
Manzo	Katelyn	Etna	ME	
Mao	Yanxiang	Beijing		China
Marean	Emily	Westbrook	ME	
Markie	Dailyn	Mattawamkeag	ME	
Marquis	Kayla	Orono	ME	
Marsh	Devin	Saco	ME	
Marshall	Brittney	Sabattus	ME	
Marshall	Hallie	Atco	NJ	
Marshall	Grace	New Dominion		Canada
Martell	Megan	Guilford	ME	
Martens	Lorin	Freeport	ME	
Martin	Kristen	Ellington	CT	
Martin	James	Orono	ME	
Martin	Lydia	Lisbon	ME	
Martin	Mikaela	Georgetown	ME	
Martin	Molly	Holden	ME	

Martin	Morgan	Bowdoin	ME	Nepal
Martin	Paige	Bath	ME	
Martin	Teiga	Bremen	ME	
Martin	Elijah	Albuquerque	NM	
Marvin	Abigail	Orrington	ME	
Maskay	Aman	Kathmandu		
Mason	Emma	Owls Head	ME	
Mason	Rebecca	Dexter	ME	
Mason	Zachary	Wells	ME	
Massey	Katelyn	Waterville	ME	
Masters	Jaclyn	Auburn	ME	
Mathieu	Kirsten	Moscow	ME	
Mathieu	Samantha	Oakland	ME	
Mathis	Nathan	Portland	ME	
Matteo	Caroline	Camden	ME	
Mattor	Riley	Hollis Center	ME	
Matus	Leah	West Hartford	CT	
Matusko	Rachel	Cape Elizabeth	ME	
Maxwell	Harli	Lincoln	ME	
Mayer	Emily	Winthrop	ME	
Mazzeo	Isaac	Spencer	NY	
McAvoy	Stephanie	Rochester	NY	
McCauley	Ashley	Biddeford	ME	
McClain	Sage	Orono	ME	
McCollough	Margaret	Hampden	ME	
McCormick	Michael	Whitefield	ME	
McCullum	Jonathan	Hallowell	ME	
McDaniels	Lucas	Skowhegan	ME	
McDonald	Alicia	Fryeburg	ME	
McDonald	Allison	Falmouth	ME	
McEachern	Cecelia	Ellsworth	ME	

McEnery	William	Durham	ME	
McGraw	James	Beverly	MA	
McKague	Cameron	Standish	ME	
McKeen	Lindsay	Gray	ME	
McKim	Keegan	Trenton	ME	
McKim	Tyler	Trenton	ME	
McKinney	Eileen	Auburn	ME	
McLaughlin	Chelsea	Manchester	ME	
Mclaughlin	Anne	Harpswell	ME	
McLean	Laura	Finchhampstead		United Kingdom
McMahon	Cameron	Wells	ME	
McManus	Nikkiah	Bangor	ME	
McSwain	Arden	Edgecomb	ME	
Meagher	Caitlyn	Dayville	CT	
Mecray	Ian	Cumberland	ME	
Meeker	Maude	Naples	ME	
Meister	Stacy	Milford	ME	
Melcher	Eloise	Bowdoin	ME	
Melcher	Jack	Portland	ME	
Melcher	Mikaela	Bowdoin	ME	
Melhus	Benjamin	Fairfax	VA	
Melmed	Garvey	Greenbush	ME	
Meltzer	Sophie	Old Town	ME	
Menard	Patrick	Wells	ME	
Mendonca	Inara	Rio das Antas		Brazil
Mensa	Ashley	Waterbury	CT	
Mercier	Erin	Augusta	ME	
Merriam	Jamie	Harpswell	ME	
Messina	Nicholas	Derry	NH	
Messmer	Brian	Topsham	ME	
Mestieri	Lindsay	Bangor	ME	

Metcalf	Christina	West Baldwin	ME	Norway
Meyer	Jillian	Sayville	NY	
Michaud	Haley	Topsham	ME	
Michaud	Haley	Old Town	ME	
Michaud	Kirk	Madawaska	ME	
Midtskogen	Sunniva	Holmestrand		
Midura	Natalie	Chelmsford	MA	
Miller	Cole	Hiram	ME	
Miller	Forrest	Holden	ME	
Miller	Ian	Winterport	ME	
Miller	Katherine	Rockwood	ME	
Miller	Kera	Rumford	ME	
Miller	Marie	Blanchard Twp	ME	
Mills	Emily	Holden	ME	
Mills	Heidi	Rockland	ME	
Mininni	Anna	Biddeford	ME	
Misner	Nicole	Tampa	FL	
Mitchell	Tiffany	Brooksville	ME	
Mitman	Ivy	Strong	ME	
Moeller	Michelle	Bangor	ME	
Mondene	Olivia	Eliot	ME	
Mondor	Amber	Biddeford	ME	
Monson	Maci	Hampden	ME	
Moody	Abigail	Houlton	ME	
Moody	Renee	Lincolnville	ME	
Moon	Amber	Brewer	ME	
Moon	Molly	Bar Harbor	ME	
Mooney	Alexandria	Millinocket	ME	
Mooney	Molly	Gray	ME	
Moore	Megan	Trumbull	CT	
Moore	Nathan	Patten	ME	

Moore	Nicole	Newport	ME	
Moore	Robert	Cumberland Center	ME	
Moores	Whitney	Orono	ME	
Moran	Haleigh	Orono	ME	
Moran	Lindsey	Orono	ME	
Morancy	Hunter	Wilder	VT	
More	Jennifer	Deloraine		Canada
Moreshead	Molly	Holden	ME	
Morey	Megan	Chichester	NH	
Morgan	Annie	Reading	MA	
Morgan	Andrew	Old Town	ME	
Morgan	Cody	Exeter	ME	
Morgan	Rebecca	Bangor	ME	
Moriarty	Kaitlyn	Old Town	ME	
Moriarty	Kirsty	Orono	ME	
Morin	Erika	Fairfield	ME	
Morin	Maxwell	Old Town	ME	
Morin	Tyler	South Paris	ME	
Morrill	Jennifer	Holden	ME	
Morris	Alexandra	East Walpole	MA	
Morris	Matthew	East Millinocket	ME	
Morrison	Gillian	Southwest Harbor	ME	
Morrison	Gregory	Windham	ME	
Morrison	Kyle	North Yarmouth	ME	
Morrisette	Peyton	Scarborough	ME	
Mosher	Brianna	Gardiner	ME	
Mosquera-Cardi	Katerina	Pointe-Claire		Canada
Mpelkas	Calandra	Stow	MA	
Mukose	John	Kampala		Uganda
Mulligan	Graham	Oakland	NJ	
Mullis	Sarah	Corinna	ME	

Mulvaney	Kimberly	Orono	ME	United Kingdom
Munn	Douglas	Canastota	NY	
Munroe	Ceilidh	Saint Albans	VT	
Murphy	Daniel	Chelmsford	MA	
Murphy	Jayna	Orono	ME	
Murphy	Laurianne	Lewiston	ME	
Murray	Amber	Orono	ME	
Murray	Matthew	Milford	ME	
Murtagh	Autumn	Cape Neddick	ME	
Musil	Jack	Skidby		
Myers	Jason	Plantsville	CT	
Myhaver	Casey	Gray	ME	
Nadeau	Evan	Brewer	ME	
Nadeau-Carney	Vie	Biddeford	ME	
Nahor	Evan	Thendara	NY	
Naisbitt	Landere	Blue Hill	ME	
Nappi	Aric	Westbrook	ME	
Nappi	Nathan	Eliot	ME	
Naranja	Antonio	Fort Kent	ME	
Nash	Casey	Brewer	ME	
Nashi	Christopher	Saco	ME	
Nason	Kayla	Carmel	ME	
Nazar	Eleanor	Readfield	ME	
Nazar	Madeline	Readfield	ME	
Ndaruhutse	Bienvenu	Orono	ME	
Neal	Jacob	Aurora	ME	
Neal	Kevin	Harborside	ME	
Nedik	Evan	Old Town	ME	
Nelson	Anders	Orono	ME	
Nelson	Benjamin	Hampden	ME	
Nelson	David	Old Town	ME	

Nelson	James	Waterville	ME	
Nelson	Michael	Waterville	ME	
Nerney	Jocelyn	Londonderry	NH	
Netherton	Haley	Fishers	IN	
Neuschwanger	Shelby	Boothbay Harbor	ME	
Newcomb	Jesse	Norway	ME	
Newcomb	David	Eatontown	NJ	
Newman	Michael	Ellsworth	ME	
Nguyen	Duc	Ho Chi Minh City		Vietnam
Nguyen	Han	Ho Chi Minh		Vietnam
Nguyen	Huong Ly	Hanoi		Vietnam
Nguyen	Phong	Da Nang		Vietnam
Nichols	Aron	Bangor	ME	
Nichols	Catherine	Brewer	ME	
Nichols	Emma	Brewer	ME	
Nichols	Jenna	Sanford	ME	
Nicholson	Shannon	Cape Elizabeth	ME	
Nickerson	Brittney	Dedham	ME	
Nickerson	Hannah	Holden	ME	
Nickerson	Jordan	Holden	ME	
Nicols	Sarah	Mexico	ME	
Noble	Sarah	Kittery	ME	
Noel	Holly	Uxbridge	MA	
Nolan	Kyle	Camden	ME	
Nolan	Erin	Brooklyn	NY	
Noll	Hannah	South Portland	ME	
Noonan	Hannah	Portland	ME	
Nordstrom	Kjell	Wilton	ME	
Norman	Justin	Sanford	ME	
Norman	Courtney	Pointe Claire		Canada
Norton	Daniel	Amesbury	MA	

O’Berry	Kaytee	Alton	ME	
O’Connor	Seamus	Montrose	CO	
O’Connor	Michael	York	ME	
O’Gorman	Samantha	Natick	MA	
O’Neil	James	Saco	ME	
O’Neil	Shannon	Milan	NH	
O’Neill	Brendan	Buxton	ME	
O’Shea	Samantha	Kennebunkport	ME	
O’Sullivan	Nora	Fairfield	CT	
O’Sullivan	James	Mansfield	MA	
Oakes	Amber	Levant	ME	
Oberholtzer	Matthew	Cape Elizabeth	ME	
Oettinger	Brittany	Winterport	ME	
Ogden	Katrina	Attleboro	MA	
Ogden	Megan	Bristol	VT	
Ogun	Chelsea	North Providence	RI	
Oleson	Ashley	Lamoine	ME	
Oliveira	Eduardo	Piracicaba		Brazil
Ondish	Jeffrey	Elkton	MD	
Oppewall	Emma	Southwest Harbor	ME	
Orach	Jesse	Gorham	ME	
Oren	Christian	Casco	ME	
Orrell	Jordan	North Oxford	MA	
Orsini	Leah	Raymond	ME	
Orsini	Seraphina	South Berwick	ME	
Osborne	Julia	Bangor	ME	
Osborne	Jake	Burlington		Canada
Osnoe	Jorden	Levant	ME	
Ossanna	Elliot	Bar Harbor	ME	
Ouellette	Cameron	Orono	ME	
Ouellette	George	Harpswell	ME	

Ouellette	Jared	Jay	ME	
Ouellette	Taylor	Turner	ME	
Outman	Susan	Old Town	ME	
Ovington	Alexis	Kittery	ME	
Ozog	James	Bangor	ME	
Palken	Gregory	Northborough	MA	
Palmer	Madeline	Scarborough	ME	
Palmeter	Zechariah	Orono	ME	
Palsson	Luke	Marshfield	MA	
Pang	Yumeng	Shandong		China
Paradee	Rebecca	Gardiner	ME	
Paradis	Christopher	Skowhegan	ME	
Paradis	Daniel	Sidney	ME	
Paradis	Hannah	Minot	ME	
Paradis	Kylie	Lebanon	ME	
Paradis	William	Presque Isle	ME	
Paredes	Joshua	Bangor	ME	
Paris	Reid Vincent	Melrose	IA	
Parker	Abby	Orono	ME	
Parker	Keith	Brewer	ME	
Parker	Logan	Freeport	ME	
Parker	Valerie	Grand Isle	ME	
Parkhurst	Meghan	Brewer	ME	
Parkinson	Samuel	Cumberland Center	ME	
Pasquarella	Margaret	New Milford	CT	
Pasquerillo	Elias	Hermon	ME	
Pasquine	Laura	Bangor	ME	
Passos	Jeysa	Itatiba		Brazil
Patnaude	Joshua	Sanford	ME	
Patten	Jalisa	Old Town	ME	
Patterson	Julie	Bangor	ME	

Paul	Christine	Levant	ME
Payne	Brianna	Lewiston	ME
Peachey	Blake	Augusta	ME
Pease	Zachary	York	ME
Pedersen	Cory	Whitefield	ME
Pellerin	Morgan	Waterville	ME
Pelletier	Briar	Portland	ME
Pelletier	Kali	Ashland	ME
Pelletier	Samantha	Orono	ME
Pelletier	Samantha	Saint David	ME
Peltier	Jayson	Plymouth	MA
Peng	Yi	Old Town	ME
Pepin	Taylor	Sanford	ME
Peralta	Gabriela	Woolwich	ME
Pereira	Camila	Joao Pessoa	Brazil
Perez	Cristina	Milbridge	ME
Perkins	Andrew	Kittery	ME
Perkins	Sarah	Merrimack	NH
Perron	Kaelina	Auburn	ME
Perruzzi	Mica	Southwest Harbor	ME
Perry	Danielle	Freeport	ME
Perry	Daniel	Keller	TX
Personeni	Sarah	South Berwick	ME
Peters	John	Lewiston	ME
Peterson	Amy	West Boylston	MA
Peterson	Clayton	Gorham	ME
Peterson	George	Auburn	ME
Pew	Elek	East Andover	ME
Pfister	Peter	Bangor	ME
Pflugradt	Elizabeth	New Gloucester	ME
Phillips	Mataquess	Waterbury	CT

Phinney	Andrew	Lincoln	ME	Brazil
Phinney	Christopher	Milford	ME	
Pierce	Kevin	Camden	ME	
Pierce	Margaret	Hermon	ME	
Pierce	Samuel	Portland	ME	
Pike	Kendall	Saco	ME	
Pinatti	Sarah	Willington	CT	
Pines	Molly	Woodbridge	CT	
Pingree	Nigel	East Machias	ME	
Piper	Kathryn	Manchester	MD	
Plaisted	Taylor	Hampden	ME	
Plourde	Adya	Eliot	ME	
Plourde	Chelsey	Fort Kent	ME	
Plourde	Matthew	Gardiner	ME	
Plourde	Shayne	Byron	ME	
Plunkett	Sarah	Old Town	ME	
Poirier	Justin	Plainville	MA	
Polhemus	Meredith	Orono	ME	
Poliquin	Chandra	Old Town	ME	
Pomeroy	Benjamin	Gorham	ME	
Pominova	Mariya	Bedford	MA	
Pope	Kacey	South Berwick	ME	
Porter	Gianna	Whiting	ME	
Porter	Katelyn	Holden	ME	
Portis	Tobias	Goiania		
Postell	Hanna	Mapleton	ME	
Poulin	Christopher	Lewiston	ME	
Poulin	Gabrielle	Auburn	ME	
Poulin	James	Lewiston	ME	
Poulin	Olivia	Oakland	ME	
Pouliot	Catherine	South Berwick	ME	

Poussard	Cameron	Lewiston	ME
Powell	Christopher	Bucksport	ME
Powell	Lydia	Appleton	ME
Powell	Robert	Unity	ME
Power	Savanna	Norridgewock	ME
Powers	Archibald	Rancho Palos Verdes	CA
Pratico	Abigail	Falmouth	ME
Praul	Andrea	Sun Prairie	WI
Preble	Lucas	Jay	ME
Prescott	Jennifer	South China	ME
Prescott	Morgan	South China	ME
Pressley	Sarah	Old Town	ME
Price	Karlee	Winslow	ME
Price	Kody	Winslow	ME
Pride	Kathleen	Scarborough	ME
Proctor	Elizabeth	Newbury	MA
Proctor	Jasmine	Old Town	ME
Proctor	James	Wilton	NH
Prusaitis	Andrew	Bangor	ME
Puckett	Justin	Chelsea	ME
Pulver	Jeffrey	Vassalboro	ME
Purgiel	Andrew	South Berwick	ME
Purnell	Benton	Oakland	ME
Py	Griffin	Portland	ME
Pyke	Christopher	Sandwich	MA
Querfurth	Katarina	Wellesley	MA
Raffalli	Jordan	North Andover	MA
Raftice	Kayla	Cape Elizabeth	ME
Rahman	Auyon	Dhaka	Bangladesh
Raines	Wesley	Kittery	ME
Ralphs	Samantha	Lebanon	IL

Ramsdell	Gillian	Wells	ME
Rancourt	Rebecca	Turner	ME
Randall	Sean	Portland	ME
Raphael	Nicole	Boxford	MA
Rashed	Nadia	Wells	ME
Raybine	Charles	Scarborough	ME
Raymond	Dara	Old Town	ME
Raymond	Michelle	York	ME
Read	Lindsay	Hooksett	NH
Redfern	Ian	Ipswich	MA
Redmond	Jillian	Skowhegan	ME
Reed	Benjamin	Franklin	ME
Reed	Daniel	New Sharon	ME
Reed	Emma	Houlton	ME
Regis	Jason	Old Orchard Beach	ME
Reichel	Kent	Hampden	ME
Reichel	Kristina	Hampden	ME
Reinhardt	Amelia	Tenants Harbor	ME
Reiss	Thomas	Westport Island	ME
Renfro	Brian	Hartland	VT
Reno	Caroline	Brunswick	ME
Reno	Emma	Brunswick	ME
Renouf	Daniel	Whitby	Canada
Revello	Katherine	Portsmouth	RI
Reynolds	Catherine	Dunstable	MA
Reynolds	Jack	Fitchburg	MA
Reynolds	Christine	Portland	ME
Rheaume	Hannah	Lewiston	ME
Rice	Lauren	Harpswell	ME
Rich	Katlyn	Tenants Harbor	ME
Richard	Anna	Wareham	MA

Richard	Matthew	Bradley	ME	
Richards	Scott	Old Town	ME	
Richards	Audra	Saint Paul	MN	
Richford	Emma	Old Town	ME	
Richmond	Nicholas	Orono	ME	
Rickards	Andrea	Bangor	ME	
Rideout	Jack	Portland	ME	
Ridge	Ethan	Gray	ME	
Ridley	Kendra	Ottawa		Canada
Riendeau	Chelsey	Newcastle	ME	
Ring	Marie	Topsham	ME	
Riordan	James	China	ME	
Ripley	Shawn	Greenbush	ME	
Ritchie	Jenna	Manahawkin	NJ	
Ritland	Anna	Dexter	ME	
Roach	Julie	Old Town	ME	
Robbins	Amanda	Livermore Falls	ME	
Robbins	Margaret	Richmond	ME	
Robe	James	Waterville	ME	
Roberts	Alexander	Randolph	ME	
Roberts	Christianna	Saco	ME	
Roberts	Miranda	Hermon	ME	
Robinson	Ashley	Bangor	ME	
Robinson	Cary	Steuben	ME	
Robinson	Dylan	Brunswick	ME	
Robinson	Jason	Old Town	ME	
Robinson	Morgan	Levant	ME	
Robinson	Sarah	Gorham	ME	
Robison	Alexander	Falmouth	ME	
Robitaille	Melanie	Jay	ME	
Rocha	Timothy	Kensington	NH	

Rochester	Ariel	Kittery	ME
Rock	Samuel	Peru	ME
Rockwood	Nathan	Ellsworth	ME
Roderick	Christopher	Mechanic Falls	ME
Rodrigue	Taylor	Manchester	CT
Rogers	Jeffrey	Bangor	ME
Rogers	Sara	Topsham	ME
Rogers	Timothy	Kittery	ME
Rolfe	Taylor	Fairfield	ME
Romano	Kartika	Lisbon Falls	ME
Romich	Rebecca	Groton	MA
Ronan	Katelynn	Glenburn	ME
Roney	Ethan	Freeport	ME
Rosa	Joshua	Wakefield	RI
Rose	Amanda	Island Falls	ME
Rosebeary	Kelsey	Poulsbo	WA
Ross	Claire	Auburn	ME
Ross	Margaret	Hampden	ME
Rourke	Suzanne	Friendship	ME
Rovito	Erica	Bangor	ME
Rowe	Jamie	Scarborough	ME
Rowley	Christopher	Porter	ME
Roy	Dayna	North Andover	MA
Roy	Emily	Brunswick	ME
Roy	Jaime	Orrington	ME
Roy	Jonathan	Frenchville	ME
Roy	Kaitlyn	Lewiston	ME
Roy	Samantha	Brunswick	ME
Rubin	Nicole	Georgetown	ME
Ruel	Nathan	Kennebunk	ME
Ruhlin	Hannah	Orrington	ME

Rumsey	Mathew	Waterville	ME	United Kingdom
Runyambo	Daniella	Portland	ME	
Russell	Hannah	Georgetown	ME	
Russell	Sadie	Pownal	ME	
Russell	Travis	Orono	ME	
Ruthven	Olivia	Smithfield	RI	
Rutt	Jacob	Scarborough	ME	
Ryan	Eileen	Trabuco Canyon	CA	
Ryan	Carolyn	Melrose	MA	
Ryan	Amanda	Ludlow	ME	
Ryan	Andrya	Bangor	ME	
Ryan	Erik	Ludlow	ME	
Ryan	Evelyn	Buckinghamshire		
Rybka	Ryan	North Yarmouth	ME	
Ryle	Aoife	Portland	ME	
Sample	Keith	Windham	ME	
Sampson	Evan	Portland	ME	
San Diego	John	Sullivan	ME	
Sanborn	Madeline	North Waterboro	ME	
Sanborn	Shannon	Standish	ME	
Santariello	Andrea	Tolland	CT	
Santomango	Sierra	Greene	ME	
Santos	Samantha	Canaan	ME	
Sanzaro	Krystina	Holden	ME	
Sargent	Emily	Camden	ME	
Sarol	Amanda	Greenville	ME	
Sarra	Ashley	Hanscom AFB	MA	
Saucier	Samantha	Saco	ME	
Sauer	Madison	Norwich	CT	
Scala	Rachel	Windham	ME	
Scales	Matthew	Exeter	NH	

Scanlan	Mary	Pembroke	MA	Germany
Scarlett	Shannon	Bangor	ME	
Schaefer	Calvert	Westminster	MD	
Schaefer	Matthew	Glenburn	ME	
Schaff	Benjamin	Oakland	ME	
Schanck	Andrew	Pittsfield	ME	
Schanck	Morgan	Pittsfield	ME	
Scherer	Kyle	Jefferson	ME	
Schildkamp	Matthew	Middlebury	VT	
Schneider	Adeline	Bowdoinham	ME	
Schneider	Kayla	East Waterboro	ME	
Schrader	Derrek	Bridgton	ME	
Schrader	Mark	Denmark	ME	
Schreiber	Clemens	Neubrandenburg		
Schurhamer	Eric	Saint Paul	MN	
Scione	Kaila	Bangor	ME	
Scofield	Connor	Glenburn	ME	
Scott	Connor	Topsham	ME	
Scott	Ryan	Belgrade	ME	
Scott	Sidney	Hampton	NH	
Scott	Grace	Abingdon	VA	
Scully	Allison	Waterville	ME	
Searle	Margaret	Laconia	NH	
Sears	Stephanie	Bristol	CT	
Sedler	Erica	South Berwick	ME	
SeeHusen	Kaitlyn	Gorham	ME	
SeeHusen	Michael	Gorham	ME	
Seekins	Brittany	Pittsfield	ME	
Seeley	Kassidy	Jonesboro	ME	
Seeley	Taylor	Jonesboro	ME	
Seigars	Camerin	Gardiner	ME	

Selengbe	Viany	Lewiston	ME	
Sell	Julia	Cushing	ME	
Selwood	Lauren	Winthrop	ME	
Sementelli	Anthony	Fairfield	ME	
Sender	August	Waldo	ME	
Seneres	Jenn	Saco	ME	
Seneres	Kent	Saco	ME	
Seney	Sydney	Egg Harbor City	NJ	
Sepanek	Robert	Vienna	ME	
Serbent	Todd	Waterville	ME	
Seuwen	Patrick	Monchengladbach		Germany
Sevigney	Katherine	Wells	ME	
Shackett	Sydney	Sidney	ME	
Shalkowski	Casey	Saunderstown	RI	
Shaughnessy	Abigale	Enfield	CT	
Shaughnessy	Brian	Colonia	NJ	
Shaw	Bree-Anne	Glenburn	ME	
Shaw	Connor	Presque Isle	ME	
Shaw	Faith	Lewiston	ME	
Shaw	Morgan	Turner	ME	
Shaw	Olivia	Detroit	ME	
Shea	Ian	Brownfield	ME	
Shea	Michael	Biddeford	ME	
Sheehan	Tracy	Marshfield	MA	
Sheehan	Bailey	Yarmouth	ME	
Shepard	Serra	Alton	NH	
Shepherd	Bradley	Farmingdale	ME	
Shepherd	Samuel	Hallowell	ME	
Sheridan	Brooke	Levant	ME	
Sherwood	Talia	Topsfield	MA	
Shimmel	Pamela	Old Town	ME	

Shirley	Kristen	Bath	ME	
Shkara	Ahmed	Portland	ME	
Shore	Devin	Ajax		Canada
Shorette	Nicholas	Orono	ME	
Short	Matthew	Middletown	NJ	
Shortt	Terry	Bangor	ME	
Shrestha	Riju	Kathmandu		Nepal
Shue	Harvey	Belfast	ME	
Shuman	Amanda	Cicero	NY	
Sicotte	Jacob	Lewiston	ME	
Siladi	Skye	Montville	ME	
Silton	Shayna	Westford	MA	
Silva DeOliveira	Rodrigo	Belem		Brazil
Silver	Nicholas	Wade	ME	
Silverman	Alana	Orono	ME	
Simard	Adam	Shelburne	NH	
Simonsen	Jeremiah	Orono	ME	
Simpson	Hannah	Enfield, London		United Kingdom
Sinclair	Braden	Old Town	ME	
Singer	Amy	Old Town	ME	
Sirois	Emilee	Caribou	ME	
Sirois	Hannah	Kennebunk	ME	
Sirois	Rachel	Winslow	ME	
Sirois	Stephanie	Minot	ME	
Skillern	Ryan	Naples	ME	
Skillin	Lee	Falmouth	ME	
Skoczenski	Grace	Waterville	ME	
Slagger	Ashara	Bangor	ME	
Slaven	Merrill	Orland	ME	
Slavin	Daniel	Scarborough	ME	
Sluzenski	Nicholas	Charlotte	ME	

Smart	Connor	Lincoln	ME	
Smart	Denise	Howland	ME	
Smith	Anneliese	Bethel	ME	
Smith	Benjamin	Old Town	ME	
Smith	Christopher	Lincolnvile	ME	
Smith	Erin	Bangor	ME	
Smith	Javahn	Orono	ME	
Smith	Justin	Orrington	ME	
Smith	Kaitlyn	Jay	ME	
Smith	Kathryn	Readfield	ME	
Smith	Kylie	Orono	ME	
Smith	Lindsey	Gorham	ME	
Smith	Megan	Falmouth	ME	
Smith	Megan	Bucksport	ME	
Smith	Miles	Clinton	ME	
Smith	Nicolette	Lincoln	ME	
Smith	Reagan	Holden	ME	
Smith	Brendan	Hudson	NH	
Smith	Jeremy	Seabrook	TX	
Snedeker	Brianna	Richmond	ME	
Soden	Megan	Sangerville	ME	
Sol	Jacob	Acushnet	MA	
Sollberger	Cory	Berwick	ME	
Solovey	Gennady	St Petersburg		Russian Federation
Sone	Bronte	Orono	ME	
Soohey	Robert	Whitefield	ME	
Soohey	Stephen	Whitefield	ME	
Southard	Matthew	Gorham	ME	
Spencer	Kristen	Scarborough	ME	
Spicer	Preston	Preston	CT	
Spitzfaden	Anna	Bradley	ME	

Spruce	James	Orono	ME
St Jean	Jocelyn	Stillwater	ME
St John	Justin	Harrison	ME
St John	Ashley	Raymond	NH
St Laurent	Mikaela	Lewiston	ME
St Peter	Christopher	Glenburn	ME
St Peter	Jacob	Old Town	ME
St Pierre	Bailey	Caswell	ME
St Pierre	Emily	Caswell	ME
St Pierre	Shelby	Turner	ME
St-Pierre	Danielle	Essex Junction	VT
Stack	Lindsay	Saco	ME
Stahl	Nicholas	Bangor	ME
Stange	Caitlin	Herndon	VA
Stanhope	Jonathan	Bangor	ME
Stanley	Jennifer	Sidney	ME
Stanley	Sarah	Southwest Harbor	ME
Stanton	Rebecca	Plymouth	MA
Staples	Viktoria	Brooklin	ME
Starbird	Bryanne	Waterford	ME
Stasz	Lauren	Fall River	MA
Stauble	Emily	Amherst	NH
Stearns	Aleeza	Orono	ME
Stefl	Hannah	Fayetteville	NY
Stemm	Tyler	Simsbury	CT
Stephens	Kendra	Woodland	ME
Stevenson	Jason	Wayne	ME
Steward	Andrea	Orono	ME
Stewart	Harold	Presque Isle	ME
Stewart	Meaghan	Sanford	ME
Stewart	Melissa	Bucksport	ME

Stewart	Matthew	Hooksett	NH	Canada
Stewart	Holly	North Vancouver		
Stiles	Hattie	Eliot	ME	
Stinson	Katrina	Bangor	ME	
Stock	Christian	Sanbornton	NH	
Stohlberg	Anthony	Center Barnstead	NH	
Stolo	Jacqueline	Alfred	ME	
Stone	Jessica	Gilmanton Iron Works	NH	
Strain	Jaime	Saco	ME	
Strohm	James	Old Orchard Beach	ME	
Studwell	Evan	Brunswick	ME	Indonesia
Sturgeon	Elizabeth	Hampden	ME	
Stutzman	Jacob	Harmony	ME	
Sudbeck	Dakota	Hampden	ME	
Sukeforth	Sarah	Falmouth	ME	
Sullivan	Fawn	Hermon	ME	
Sullivan	John	Scarborough	ME	
Sulloway	Wesley	Bridgton	ME	
Sundah	Naomi	Tangerang		
Sutter	Mackenzie	Holden	MA	
Sutton	Chelsea	Forestdale	MA	
Sweeney	Isaac	Springvale	ME	
Sylvester	Shaun	Old Town	ME	
Ta	Henry	Saco	ME	
Tabachnick	Elijah	Portland	ME	
Talbot	Matthew	East Machias	ME	
Tannoia	Dominic	South Portland	ME	
Taplin	Matthew	Gray	ME	
Tardif	Kyle	Madawaska	ME	
Tasker	Synclaire	Eddington	ME	
Tata	Lauren	Bangor	ME	

Taylor	Alyssa	Saint Albans	ME
Taylor	Lucas	South Berwick	ME
Teeters	Drake	Stamford	CT
Tengeres	Jill	Millerstown	PA
Terry	Joshua	Rowley	MA
Terwilliger	David	Cape Elizabeth	ME
Theriault	Benjamin	Salisbury	MA
Theriault	Lindsay	Minot	ME
Theriault	Monique	Howland	ME
Theriault	Kathryn	Hampstead	NH
Theriault	Noelle	Hampstead	NH
Therrien	Kelsey	Weare	NH
Thibault	Jaymi	Orono	ME
Thibault	Ethan	Colchester	VT
Thibeault	Ashley	South Hamilton	MA
Thibodeau	Elsa	Stockholm	ME
Thibodeau	Kristen	Hampden	ME
Thibodeau	Matthew	Turner	ME
Thiele	Kurt	Hallowell	ME
Thielen	Cynthia	Surry	ME
Thoman	Todd	Spring Grove	PA
Thomas	Brent	Dover Foxcroft	ME
Thomas	Faith	Orrington	ME
Thomas	Katie	Dover Foxcroft	ME
Thomas	Shannon	Newton	NJ
Thompson	Allison	Bangor	ME
Thompson	Melissa	Old Town	ME
Thompson	Benjamin	Contoocook	NH
Thomson	Tamara	Waite	ME
Thorne	Haley	Steep Falls	ME
Threeton	Kendra	South Berwick	ME

Thurlow	Amanda	Howland	ME	
Tibbetts	Mackenzie	Bar Harbor	ME	
Tidd	Morgan	Eddington	ME	
Tiemann	Rosa	Ellsworth	ME	
Tomczyk	Nathan	Norway	ME	
Toothaker	Sareena	Orono	ME	
Toothaker	Zandalee	Orono	ME	
Topel	Avery	Windham	ME	
Topor	Zachary	Ellington	CT	
Toppin	Haley	Columbia Falls	ME	
Toribio	Patrick	Athens	ME	
Torok	Jacob	Monroe	CT	
Torres	Rachael	Houlton	ME	
Torrey	Brandon	Columbia	ME	
Torsch	Jonathan	Orono	ME	
Toth	Emma	Sandown	NH	
Toto	Sarah	Vassalboro	ME	
Tougher	Alice	Little Eaton		United Kingdom
Towle	Brittany	Glenburn	ME	
Towle	Jacob	Presque Isle	ME	
Townsend	Kaitlyn	Livermore	ME	
Traceski	Matthew	Somers	CT	
Tranchemontagne	Abby	Acton	ME	
Trask	Sydney	Easton	ME	
Travis	Emily	Orrington	ME	
Traxler	Spencer	Newburyport	MA	
Treacy	Meghann	Brooklyn	NY	
Treadwell	Sarah	Carmel	ME	
Tremblay	Ethan	Orono	ME	
Tremont	Jordan	Lunenburg	MA	
Triandafillou	Laura	Orono	ME	

Triebwasser	Ginger	Shelton	CT	
Triglione	Michael	Bridgton	ME	
Trueblood	Dylan	Durham	NH	
Trundy	Ross	Addison	ME	
Trussell	Dehvin	Gardiner	ME	
Trussell	Zoie	Old Town	ME	
Trzilova	Dominika	Missoula	MT	
Tseng	Matthew	Falmouth	ME	
Tsuda	Camila	São José do Rio Preto		Brazil
Tufts	Trevor	Jay	ME	
Turcotte	Joseph	Wales	ME	
Turcotte	Samantha	Cornville	ME	
Turcotte	Tyler	Wales	ME	
Turnbull	Brittney	Oxford	ME	
Turner	Holden	Easton	ME	
Turner	Isaac	Brunswick	ME	
Turner	Katherine	Freeport	ME	
Turner	Nolan	Hampden	ME	
Turner	Sean	Hollis Center	ME	
Turner	Rebecca	Bedford	NH	
Twardochleb	Erin	Gaithersburg	MD	
Twombly	Phillip	Lyman	ME	
Tynes	Emily	New Gloucester	ME	
Tyrrell	Taylor	Auburn	ME	
Tytula	Sabrina	West Brookfield	MA	
Unruh	Nathan	Ellsworth	ME	
Urquhart	Alyssa	Alna	ME	
Uteuova	Aliya	Astana		Kazakhstan
Vachon	Isabelle	Ellsworth	ME	
Vachon	Rosehannah	Ellsworth	ME	
Vaidya	Nipun	Kathmandu		Nepal

Vaillancourt	Laura	Milford	ME
Valente	Alicia	New Gloucester	ME
Valentino	Steven	Wells	ME
Vallance	Kathleen	Brewer	ME
Van Goffrier	Graham	Norwell	MA
Van Steenberghe	Drew	Old Town	ME
Vanasse	Anna	Orono	ME
Vandez	Steven	Old Town	ME
Vaudreuil	Haley	Naples	ME
Vear	Aysha	Winslow	ME
Velez	Andres	Old Town	ME
Veljacic	Sydney	Orono	ME
Ventrella	Kathryn	Jay	ME
Verville	Shane	Pownal	ME
Verzoni	Anthony	Scarborough	ME
Vezza	Julianna	Madison	NJ
Vickers	Nicholas	Carrabassett Valley	ME
Vicnaire	Abigail	Dedham	ME
Viola	Joseph	Scarborough	ME
Violette	Leanne	Bangor	ME
Vivian	Sabrina	Blue Hill	ME
Waddell	Evan	Presque Isle	ME
Wade	Jessica	Hermon	ME
Wadsworth	Ariana	Thomaston	ME
Wakeland	Linley	Dedham	ME
Walczak	Danielle	Lee	NH
Walden	Benjamin	Reading	MA
Walker	Dean	Caribou	ME
Walker	Jason	Rockland	ME
Walker	Michael	Oxford	ME
Wallace	Sophie	Auburn	ME

Wallace	Tamra	Thomaston	ME	
Wallace	Samuel	Brentwood	NH	
Wallingford	Axl	Orono	ME	
Walsh	Allan	Oakland	ME	
Walsh	Gwendolyn	Readfield	ME	
Walton	Benjamin	Ellsworth	ME	
Walton	Isaac	Glenburn	ME	
Wan	Teng	Ningho		China
Wang	Yuwei	Beijing		China
Wang	Weina	Shijazhuang City		China
Wanning	Lucy	Blue Hill	ME	
Ward	Austin	Lovell	ME	
Ward	Bethany	Charleston	ME	
Ward	Jacob	Hampden	ME	
Warner-Evans	Hilary	West Bath	ME	
Warr	Gareth	Stonington	ME	
Waterman	Timothy	Biddeford	ME	
Watson	Valerie	Randolph	MA	
Weaver	Nicole	Warren	ME	
Webb	Ellie	Hampden	ME	
Webster	Rachael	Gorham	ME	
Weed	Megan	Deer Isle	ME	
Weeks	Jeffrey	Orrington	ME	
Weiner	Adam	Bangor	ME	
Welch	Sarah	Center Lovell	ME	
Wells	Timothy	Bremen	ME	
Wessels	Abigail	Morrill	ME	
Wessels	Alexis	Franconia	NH	
West	William	Milbridge	ME	
Westbrook	Molly	Ithaca	NY	
Westra	Peter	New Gloucester	ME	

Whitaker	Emily	Westport Island	ME
White	Carla	Waldoboro	ME
White	Eric	Bangor	ME
White	Franki	Houlton	ME
White	John	Bucksport	ME
White	Justin	Winthrop	ME
White	Lawryn	Fairfield	ME
White	Olivia	Clinton	ME
White	Lindsey	Exeter	NH
Whitehead	Kai	Bath	ME
Whitten	Alissa	Enfield	ME
Wight	Katherine	South China	ME
Wight	Sadie	Bucksport	ME
Wild	Kylie	Brunswick	ME
Wilder	Brianna	Rock Falls	IL
Wilder	Kevin	Derry	NH
Wilkinson	Emma	Windsor	ME
Williams	Blaine	Holden	ME
Williams	Casey	Topsham	ME
Williams	Colleen	Freeport	ME
Williams	Delaney	Caribou	ME
Williams	Haley	Orrington	ME
Williams	Haley	Windham	ME
Williams	Sonja	Old Town	ME
Williams	Lauren	Hampton	NH
Willis	Justin	Castine	ME
Willows	Jake	Auburn	ME
Wilson	Alexandria	Lewiston	ME
Wilson	Ambyr	Peru	ME
Wilson	Angela	Orono	ME
Wilson	Annabelle	Orono	ME

Wilson	Colby	North Monmouth	ME
Wilson	Jordan	Hodgdon	ME
Wilson	Joshua	Hermon	ME
Wilson	Kelly	Westbrook	ME
Wilson	Kelsey	Peru	ME
Wilson	Russell	Hartland	ME
Winch	Rogan	Newburgh	ME
Winchenbach	Jared	Milford	ME
Wing	Oleg	Litchfield	ME
Winslow	Monica	Hockessin	DE
Winters	James	Orono	ME
Wirth	Alexandra	Portland	ME
Wittman	Rebecca	Old Orchard Beach	ME
Wojtkowski Barbeau	Leila	Nottingham	NH
Wold	Eric	Freeport	ME
Wolfe	Meghan	Winslow	ME
Wolland	Dani	Perham	ME
Wong	Lisa	Gorham	ME
Wood	Jessica	Hermon	ME
Wood	Elizabeth	Catlett	VA
Woodford	Delaney	Minot	ME
Woods	Michael	Farmingdale	ME
Woods	Megan	Hardwick	NJ
Woodward	Hannah	Corea	ME
Woolfolk	Elizabeth	Mount Desert	ME
Wormwood	Avery	Standish	ME
Wortman	Tristan	Holden	ME
Wozmak	Samantha	Lebanon	ME
Wright	Geena	Pembroke	MA
Wright	Anna	North Berwick	ME
Wright	Elizabeth	Mapleton	ME

Wright	Ian	North Berwick	ME	
Wu	Yuying	Wenzhou City		China
Yahn	Ellen	Sharon	CT	
Yamasaki	Tais	Campo Grande		Brazil
Yarumian	Mary	Bar Harbor	ME	
Yates	Whitney	Standish	ME	
Yori	William	Brooks	ME	
York	Amanda	Milford	ME	
Yu	Anne	North Brunswick	NJ	
Zambrano	Sadie	Atkinson	ME	
Zepeda	Adolfo	Dover Foxcroft	ME	
Zhang	Xinruo	GuiLin		China
Zhao	Zhonghua	Yulin City		China
Zhou	Xiaoling	Chengdu City		China
Zoroya	Zachary	Milford	ME	
Zwirner	Colin	Windham	ME	

Fall 2014 Dean's List by Maine Counties

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[Androscoggin County](#) [Aroostook County](#) [Cumberland County](#) [Franklin County](#) [Hancock County](#) [Kennebec County](#) [Knox County](#) [Lincoln County](#) [Oxford County](#) [Penobscot County](#) [Piscataquis County](#) [Sagadahoc County](#) [Somerset County](#) [Waldo County](#) [Washington County](#) [York County](#) **Androscoggin County** Auburn: Abby Bellefleur, Lauren Bennett, Colin Benson, Felicia Binette, Ashley Brackett, Taylor Brackett, Ryan Chamberland, Joshua Delong, Marie Dufresne-Dixon, Mikael Heikkinen, Nathaniel Hernandez, Kennedy Hubbard, Nicole LaRue, Michael Lucas, Zachary Lutick, Briana Lynch, Jaclyn Masters, Eileen McKinney, Kaelina Perron, George Peterson, Gabriel Poulin, Claire Ross, Taylor Tyrrell, Sophie Wallace, Jake Willows Durham: Shane Cloutier, Evan Hendershot, Daniel Jacques, Vanessa Lee, William McEnery Greene: Katherine Bartos, Brandon Clark, Kristen DiBello, Sarah Gosselin, Callie Greco, Trevor Lessard, Sierra Santomango Lewiston: Nathan Berube, Zakkary Castonguay, Perry Chan, James Dumas, Jared Dumas, Daniel Fortier, John Goulet, Katie Hummes, Christian Labonte, Paige LeBlond, Laurianne Murphy, Brianna Payne, John Peters, Christopher Poulin, James Poulin, Cameron Poussard, Hannah Rheame, Kaitlyn Roy, Viany Selengbe, Faith Shaw, Jacob Sicotte, Mikaela St Laurent, Alexandria Wilson Lisbon: Nicholas Corey, Lydia Martin Lisbon Falls: Sierra Crosby, Kartika Romano Livermore: Adrienne Alley, Thomas Bizier, Katelyn Townsend Livermore Falls: Natalie Goding, Amanda Robbins Mechanic Falls: Olivia Doyer, Christopher Roderick Minot: Hanna Paradis, Stephanie Sirois, Lindsay Theriault, Delaney Woodford Poland: Tucker Jones Sabattus: Zachary Fisher, Kayla Gayton, Brittney Marshall Turner: Justin Bean, Macey Berube, Brianna DeGone, Allison Fereshetian, Zachary Goulette, Carter Hathaway, David Hersom, Morgan Hill, Britni Hutchinson, Samantha Hutchinson, Taylor Ouellette, Rebecca Rancourt, Morgan Shaw, Shelby St Pierre, Matthew Thibodeau Wales: Ian Bouffard, Joseph Turcotte, Tyler Turcotte **Aroostook County** Ashland: Kali Pelletier Benedicta: Casey Fichter Caribou: Devin Ballard, Annie Collins, Kayla Cormier, Jerry Ferszt, Charlie Griffeth, Haley Hunter, Charm Karunasiri, Chaya Karunasiri, Katherine Keaton, Ginger

Kieffer, Emilee Sirois, Dean Walker, Delaney Williams Castle Hill: Kelsey Corriveau Caswell: Bailey St Pierre, Emily St Pierre Chapman: Clarissa Buck, Kelsey Buck Crystal: Shelby Hartin Eagle Lake: Samuel Albert Easton: Sydney Trask, Holden Turner Fort Fairfield: Sarah Holbrook Fort Kent: Lauren Doak, Antonio Naranja, Chelsey Plourde Frenchville: Jonathan Roy Grand Isle: Valerie Parker Hodgdon: Gregory Griffin, Courtney Jurson, Jordan Wilson Houlton: Sarah Abbotoni, Cordell Beaton, Rebecca Crandall, Kelsey Fitzpatrick, Marcy Hernandez, Nicholas Lunn, Abigail Moody, Emma Reed, Rachael Torres, Franki White Island Falls: Desirae DuBois, Amanda Rose Linneus: Devon Logie Ludlow: Lauren Howell, Amanda Ryan, Erik Ryan Madawaska: Kevin Boucher, Victoria Gagnon, DeeJay Gendreau, Darin Jandreau, Kirk Michaud, Kyle Tardif Mapleton: Hanna Postell, Elizabeth Wright New Limerick: Taylor Carpenter Perham: Dani Wolland Presque Isle: Amanda Bagley, Brittany Good, Joshua Gordon, Stephen Goulet, Kyle Goupille, Jenice Jarvis, Jacqueline Lambert, William Paradis, Connor Shaw, Harold Stewart, Jacob Towle, Evan Waddell Saint David: Jacob Gendreau, Samantha Pelletier Stockholm: Elsa Thibodeau Van Buren: Nicholas LaJoie, Eric Laplante Wade: Nicholas Silver Woodland: Kendra Stephens **Cumberland County** Bridgeton: Frances Kimball, Derrek Schrader, Wesley Sulloway, Michael Triglione Brunswick: Sarah Basquez, Matthew Burnette, Lucy Comaskey, Sally DeForest, Rashon Edgerton, Erin Eldridge, Rosaleen Erwin, Alexis Gillis, Devin Greenlaw, Jesse Holland, Timothy Kiely, Ethan Knowles, Justin Libby, Amanda MacDonald, Caroline Reno, Emma Reno, Dylan Robinson, Emily Roy, Samantha Roy, Evan Studwell, Isaac Turner, Kylie Wild Cape Elizabeth: John Campbell, Anthony Castro, Tory Downer, Samuel Duddy, Dylan Egeland, Elise Galgano, Kia Hewins, Stefan LaRose, Connor Logan, Rachel Matusko, Shannon Nicholson, Matthew Oberholtzer, Kayla Raftice, David Terwilliger Casco: Stephanie Fowler, Leona Kluge-Edwards, Christian Oren Cumberland: Evan Campbell, Laura DeVaudreuil, Ian Mecray Cumberland Center: Matthew Blanchard, Paul Caruso, Allison Farr, Michael Geissler, Mariah Gilbert, Katherine Harrington, Grant Kern, Robert Moore, Samuel Parkinson Falmouth: Marley Dewey, Samuel Favreau, Stephanie Gramse, Sarah Grondin, William Jones, Allison McDonald, Abigail Pratico, Alexander Robison, Lee Skillin, Megan Smith, Sarah Sukeforth, Matthew Tseng Freeport: Mallerie Chomyn, Amanda Curtis, Brady Davis, Alexis Dietrich, Dillion Hindley, Zachery Hindley, Drew Johnson, Lorin Martens, Logan Parker, Danielle Perry, Ethan Roney, Katherine Turner, Colleen Williams, Eric Wold Gorham: Abegayle Brown, Ashley Crane, Joseph DeRoy, Julia Donley, Johna Doyle, William Eldridge, Molly Folan, Leaha Keene, Aleksandr Kutchmarick, Jesse Orach, Clayton Peterson, Benjamin Pomeroy, Sarah Robinson, Kaitlyn SeeHusen, Michael SeeHusen, Lindsey Smith, Matthew Southard, Rachael Webster, Lisa Wong Gray: Alan Bennett, Grace Ferguson, Ae Leah Granger, Allyson Kirby, Lindsay McKeen, Molly Mooney, Casey Myhaver, Ethan Ridge, Matthew Taplin Harpswell: William Hayes, Anne McLaughlin, Jamie Merriam, George Ouellette, Lauren Rice Harrison: Justin St John Naples: Kathryn Caulfield, Taylor Cronin, Savannah DeVoe, Maude Meeker, Ryan Skillern, Haley Vaudreuil New Gloucester: Benjamin Blais, Drew Densmore, Michael Flanders, Stacey Libby, Stephanie Libby, Michael Lyons, Eliabeth Pflugradt, Emily Tynes, Alicia Valente, Peter Westra North Yarmouth: Lindsey Burton, Peter Colesworthy, Mimi Edmonson, Rachel Ferrara, Molly Fitzpatrick, Jamie Kittridge, Kyle Morrison, Ryan Rybka Portland: Cleo Barker, Holly Bauer, Caitlynn Brown, Kayla Cavallaro, Patrick Celestine, Benjamin Chapman, Michael Dandy, Taylor Dimick, Sean Foley, Maxfield Freeman, Olivia Glidden, Sierra Gridley, Jacob Hatch, Michael Hebert, Gene Herrschaft, Emily Kelsey, Grace Kiffney, Zachary Lane, Delaney Loring, Nathan Mathis, Jack Melcher, Hannah Noonan, Briar Pelletier, Samuel Pierce, Griffin Py, Sean Randall, Christine Reynolds, Jack Rideout, Daniella Runyambo, Aoife Ryle, Evan Sampson, Ahmed Shkara, Elijah Tabachnick, Alexandra Wirth Pownal: Kelly Edwards, Sadie Russell, Shane Verville Raymond: Emily Callahan, Drew Gagnon, Leah Orsini Scarborough: Lauren Aceto, Adam Brown, Alexander Cherry, Danielle Cooledge, Kelsey Dillon, Isabella DiPhilippo, Samantha Donahue-Ramsey, Sydney DuEst, Russell Garland, Connor Gervais, Christian Harvie, Sarah Hoops, Colin Hulst, Lucy Iselborn, Joseph Lancaster, Benjamin Lindsay, Peyton Morrisette, Madeline Palmer, Kathleen Pride, Charles Raybine, Jamie Rowe, Jacob Rutt, Daniel Slavin, Kristen Spencer, John Sullivan, Anthony Verzoni, Joseph Viola Sebago: Kathryn Cutting, Heather Hall South Portland: Brandyn Chretien, Samuel Cross, Kelly Dooling, Caleb Elsemore, Jamie Fisher, Jennifer Fletcher, Elizabeth Grant, Alicia Harvey, Taaniel Kiidli, Krista Kornchuk, Natasha Locke, Hannah Noll, Dominic Tannoia Standish: Kaitlin Clark, Kaitlin Kohler, Sebastian Luy, Cameron McKague, Shannon Sanborn, Avery Wormwood, Whitney Yates Steep Falls: Kayla Leland, Haley Thorne West Baldwin: Christina Metcalf Westbrook: Austin Blake, Kevin Bois, Darren Brown, Eliot Gagne, Rachel Germaine, Emily Grossman, Jacquelyn Harris, Andrew Lamson, Emily Marean, Aric Nappi, Kelly Wilson Windham: Samuel Blauvelt, Meaghan Byrnes, Bradford Carpentier, Nate Dubuc, Jillian Gamache, Nicolas Gleason-Boure, Cameron Goodwin, Courtney Greenwood, Hannah LaClaire, Patrick Laliberte, Gregory Morrison, Keith Sample, Rachel Scala, Avery Topel, Haley Williams, Colin Zwirner Yarmouth: Campbell Belisle Haley, Olivia Conrad, Emma Corbett, Sara Costello, Suzanne Driscoll, Ashley Eaton, Claire Fouchereaux, Benjamin Johnson, Conner Lajoie, Abigail MacDonald, Bailey Sheehan **Franklin County** Carrabassett Valley: Nicholas Vickers Farmington: Ryan Flanagan, Ethan Howatt,

Rachel Karno Industry: Hanna Deon Jay: James Barker, James Bartlett, Brittany DiPompo, Alexander Hartford, Joshua Horne, Jared Ouellette, Lucas Preble, Melanie Robitaille, Kaitlyn Smith, Trevor Tufts, Kathryn Ventrella Kingfield: Emma Houston New Sharon: Naomi Caywood, Lena Kendall, Abigail Lochala, Daniel Reed Phillips: Joshua Beedy Rangeley: Allison Hammond Stratton: Christian Beauregard Strong: Ivy Mitman Wilton: Thomas Haines, Joseph Lawson, Ruth Leopold, Michael Maclean, Kjell Nordstrom **Hancock County** Aurora: Jacob Neal Bar Harbor: Ryan Cox, Sean Cox, Coleman Fernald, Molly Moon, Elliot Ossanna, Mackenzie Tibbetts, Mary Yarumian Blue Hill: Mindy Carter, Austin Erickson, Gabrielle Farley, Landere Naisbitt, Sabrina Vivian, Lucy Wanning Brooklin: Viktoria Staples Brooksville: Jessica Dyer, Tiffany Mitchell Bucksport: Kelli Alley, Chloe Carmichael, Jade Darragh, Mary Hunt, Christopher Powell, Megan Smith, Melissa Stewart, John White, Sadie Wight Castine: Anthony Codega, Justin Willis Corea: Hannah Woodward Dedham: Johathan Deschaine, Brittney Nickerson, Abigail Vicnaire, Linley Wakeland Deer Isle: Kelsey Davis, Samuel Grindle, Megan Weed Ellsworth: James Doty, Miranda Grant, Nichole Hamrick, Anna Jordan, Robert Looker, Patrick MacKay, Justice Maddocks-Wilbur, Cecelia McEachern, Michael Newman, Nathan Unruh, Isabelle Vachon, Rosehannah Vachon, Benjamin Walton Franklin: Sarah Frost, Benjamin Reed Gouldsboro: Michael Dunleavey Harborside: Kevin Neal Hulls Cove: Brittany Bedard Lamoine: Ashley Oleson Mount Desert: Sierra Colson, Elizabeth Woolfolk Orland: Jacob Chase, Merrill Slaven Southwest Harbor: Elizabeth Dunbar, Brandie Dziegiel, Gillian Morrison, Emma Oppewall, Mica Perruzzi, Sarah Stanley Stonington: Hayden Ciomei, Gareth Warr Sullivan: Jacqueline Cormier, Jennie Daley, John San Diego Surry: Karyn Carlin, Abigail Hayden, Adam Kaspala, Alyssa Langley-Wolk, Cynthia Thielen Trenton: Brailee Black, Keegan McKim, Tyler McKim Verona Island: Kayla Gray, Colleen Lucy **Kennebec County** Augusta: David Audet, John Beeckel, Jordan Brown, Arianna Castonguay, Dallas Clark, Elizabeth Cote, Elisha Glusker, Mckenzie Green, Jacob Harriman, Victoria Lovejoy, Erin Mercier, Blake Peachey Belgrade: Blake Bourque, Alexandra Cole, Ryan Scott Benton: Thad Chamberlain Chelsea: Jack Brannigan, Justin Puckett China: James Riordan Clinton: Jaimie Belanger, Aaron Brown, Ryan Duperry, Sarah Heald, Miles Smith, Olivia White East Vassalboro: Hannah Grover Fairfield: David Austin, Mary Ellen Blodgett, Nicole Bowen, Josie Champagne, Hannah Chavis, Joseph Leclair, Erika Morin, Taylor Rolfe, Anthony Sementelli, Lawryn White Farmingdale: Heather Gilbert, Jake Levesque, Steven Longfellow, Bradley Shepherd, Michael Woods Fayette: Aaron Black, Alex Black, Ian Jewett Gardiner: Marianna Desoto, Bridget Duffy, Emily Kobrock, Brianna Mosher, Rebecca Paradee, Matthew Plourde, Camerin Seigars, Dehvin Trussell Hallowell: Erin Ballew, Adam Fullmer, Shanay Gilbert, Thomas Macy, Jonathan McCullum, Samuel Shepherd, Kurt Thiele Kents Hill: Shaunna Damboise Litchfield: Amanda Bloss, Kenneth Clarke, Samuel Hatch, Oleg Wing Manchester: Emily Colfer, James Cumming, Cameron Guild, Margaret Keeley, Michael Kelley, Tyler Lang, Chelsea McLaughlin North Monmouth: Colby Wilson Oakland: Lucas Bartlett, Samuel Dubois, Kirsha Finemore, Colby Fischang, Kyle Hanson, Audrey Knowlton, Samantha Mathieu, Olivia Poulin, Benton Purnell, Benjamin Schaff, Allan Walsh Randolph: Colby Fortier-Brown, Alexander Roberts Readfield: Megan Dood, Mitchell Fellows, Grace Kavanah, Kelby Mace, Eleanor Nazar, Madeline Nazar, Kathryn Smith, Gwendolyn Walsh Rome: Allison DeLisle Sidney: Philip Bean, Jacob Cole, Cameron Dick, Nickolas Ferguson, Keenan Knox, Daniel Paradis, Sydney Shackett, Jennifer Stanley South China: Kristen Alberts, Emily Deering, Mason Emery, Jennifer Prescott, Morgan Prescott, Katherine Wight Vassalboro: Taylor Bailey, Marissa Bovie, Moriah Cloutier, Jeffrey Pulver, Sarah Toto Vienna: Robert Sepanek Waterville: Michael Bailey, Riley Barth, Rachael Bergeron, Alexis Bowman, Cassandra Dechaine, Sage Duguay, Grace Gould, Lucas Higgins, Hannah Jabar, Marisa Jolicoeur, Elizabeth Jones, Celena Lucier, Katelyn Massey, James Nelson, Michael Nelson, Morgan Pellerin, James Robe, Mathew Rumsey, Allison Scully, Todd Serbent, Grace Skoczenski Wayne: Jason Stevenson Weeks Mills: Chase Drummond West Gardiner: Rebecca Champagne, Emalee Couture, Justin Ladner, Hannah Luken Windsor: Sarah Allisot, Jarrod Lenfest, Emma Wilkinson Winslow: Kyle Castagnetto, Nicole Greene, Karlee Price, Kody Price, Rachel Sirois, Aysha Vear, Meghan Wolf Winthrop: Connor Chu, Reilly Fitzgerald, Christopher Halligan, Travis Hutchins, Lauren Kaiser, Julia LaRochelle, Emily Mayer, Lauren Selwood, Justin White **Knox County** Appleton: Neal Harrison-Billiat, Lydia Powell Camden: Julie Beauchesne, Morgan Cates, Samuel Jordan, Paige Kuplinski, Stephanie Leclerc, Caroline Matteo, Kyle Nolan, Kevin Pierce, Emily Sargent Cushing: Lindsey Joyce, Julia Sell Friendship: Suzanne Rourke Hope: Hanna Karas Owls Head: Ciera Bedard, FuFei Chen, Afton Hupper, Emma Mason Rockland: Cody Chase, Jacob Collins, Kyle Fowlie, Heidi Mills, Jason Walker Rockport: Tyler Coleman, Emily Lane, Meghan Lane South Thomaston: Maggie Drinkwater, Sean Grace Spruce Head: Amber Elwell Tenants Harbor: Amelia Reinhardt, Katlyn Rich, Michael Ansart Thomaston: Ariana Wadsworth, Tamra Wallace Union: Sarah Fearing, Samantha Hilt, Anne Howell Vinalhaven: Jennifer Guptill Warren: Rachel Chase, Kaitlyn Hanson, Nicole Weaver Washington: Oliver Fenn **Lincoln County** Alna: Alyssa Urquhart Boothbay: Jesse Bonin, Andrew Goode, Kathryn Gottlieb, Nellie Kelly Boothbay Harbor: Shelby Neuschwanger Bremen: Teiga Martin, Timothy Wells Damariscotta: Joshua Hoepner Dresden: Helen Call, Megan Corson Edgecomb: Karen Brown, Hannah Elder, Arden McSwain Jefferson: Robert Fasano, Michaela Fortin,

Andrew Foster, Kyle Scherer New Harbor: Alice Gluchanicz Newcastle: Chelsey Riendeau Nobleboro: Melissa Howard Somerville: Hannah Ladd Waldoboro: Kelsie Grady, Carla White Walpole: Katherine Bolster, Jake Daly-O'Donnell Westport Island: Abigail Bradford, Lynne Cooney, Jackson Cromwell, Kerry Cummings, Thomas Reiss, Emily Whitaker Whitefield: Nathan Burns, Abigail Gower, Michael McCormick, Cory Pedersen, Robert Soohey, Stephen Soohey **Oxford County** Bethel: Anneliese Smith Brownfield: Catherine Gillette, Ian Shea Buckfield: Jacob Bailey Byron: Shayne Plourde Center Lovell: Sarah Welch Denmark: Mark Schrader Dixfield: Eric Bolduc, Natalie Bolduc, Isiah Brown, Loren Keim East Andover: Elek Pew Fryeburg: Aubrie Howard, Liam LeConey, Alicia McDonald Greenwood: Naomi Ellsworth Hiram: Cole Miller Lovell: Ellen Bacchiocchi, Austin Ward Mexico: Derek Benedix, Sarah Nicols Norway: Avery Gates, Jesse Newcomb, Nathan Tomczyk Oxford: Abigail Bennett, Krista Clifford, Brittney Turnbull, Michael Walker Peru: Samuel Rock, Ambyr Wilson, Kelsey Wilson Porter: Christopher Rowley Rumford: Lysie Dupuis, Emily Gallant, Mercedes Gurney, Kera Miller South Paris: Tyler Morin Stow: Joshua Brecker, Currenn Mackie-Malcom Sumner: Abigail Bragg Waterford: Bryanne Starbird West Paris: Ryan Billings **Penobscot County** Alton: Kaytee O'Berry Bangor: Joshua Andrews, Nicholas Ashey, Ariana Babineau, Patrick Bartley, Brian Berger, Samuel Bolduc, Amanda Brainerd, Addison Brewer, Crystal Burns, Kelly Bussell, Vincent Caccese, Daniel Clark, Julie Clifford, Katrina Coston, Sarah Courtright, Jenna Cross, Nathan Dee, Katelyn DeLong, Lucas Desjardins, Sennen Dillane-Warwick, Cara Doiron, Hannah Dubois, Michelle Duff, Darlene Emerson, Allyson Eslin, Benjamin Fearn, Devon Foster, Andrew Fournier, Mercedes Goodine, Jill Hamm, Jessie Hardy, Zackary Henderson, Todd Hillier, Cady Hockridge, Leslie Hood, McKenzie Hood, Steven Hooke, Marlee Huston, Taylor Jenkins, Alexzea Joles, Noah Karam, Maryam Kashkooli, Nicole King, Joachim Kisilywicz, Aaron Lamoreau, George Lindbom, Jason Linnell, William Long, Johanna Lunn, Nikkiah McManus, Lindsay Mestieri, Michelle Moeller, Rebecca Morgan, Aron Nichols, Julia Osborne, James Ozog, Joshua Paredes, Laura Pasquine, Julie Patterson, Peter Pfister, Andrew Prusaitis, Andrea Rickards, Ashley Robinson, Jeffrey Rogers, Erica Rovito, Andrya Ryan, Shannon Scarlett, Kaila Scione, Terry Shortt, Ashara Slagger, Erin Smith, Nicholas Stahl, Jonathan Stanhope, Katrina Stinson, Lauren Tata, Allison Thompson, Leanne Violette, Adam Weiner, Eric White Bradford: Christopher Albert, Nicole Lamarche Bradley: John Fatula, Miranda Gifford, Matthew Richard, Anna Spitzfaden Brewer: Margaret-Grace Atherton, Juliana Bilodeau, Sonia Biswas, Mariana Bouchard, Roger Brasslett, Timothy Bush, Kimberly Caron, Molly Chapman, Cassie Garcelon, Kimberly Grindle, Anna Hayden, Erin Helfen, John Herlihy, Teal Jackson, Taylor Kaulfers, Lucas Lamond, Thomas Leighton, Amber Moon, Evan Nadeau, Casey Nash, Catherine Nichols, Emma Nichols, Keith Parker, Meghan Parkhurst, Kathleen Vallance Carmel: Deborah Heyden, Kayla Nason, Sarah Treadwell Charleston: Diane Dunham, Bethany Ward Clifton: Charles Giammarco, Amanda Hughes Corinna: Sarah Mullis Corinth: Nicole Lessard Dexter: Dylan Hanscom, Brooke Haskell, Rebecca Mason, Anna Ritland Dixmont: Holly Hegarty East Millinocket: Kristina Jamo, Matthew Morris Eddington: Shelby Colburn, Caroline Deroche, Synclaire Tasker, Morgan Tidd Enfield: Alissa Whitten Etna: Joseph Garcia, Katelyn Manzo Exeter: Cody Morgan Glenburn: Katie Bishop, Kayla Bousfield, Brittney Chase, Joseph Cheff, Katrina Daigle, Jennifer Federico, Gabriel Gerow, Kimia Kashkooli, Katelynn Ronan, Matthew Schaefer, Connor Scofield, Bree-Anne Shaw, Christopher St Peter, Brittany Towle, Isaac Walton Greenbush: Garvey Melmed, Shawn Ripley Hampden: Orie Bartlett, Rebekah Boomer, Sarah Boomer, Catherine Bruno, Gabriel Burditt, Amy Cirrinone, Andrew Closson, Matthew Closson, Dylan Cole, Alex Cust, Ashley Danforth, Katherine Danforth, Joshua Deakin, Jasmine Deschesne, Samuel Donnelly, Olivia Duron, Christopher Francis, Jordyn Gilio, Julia Hidu, Maria Howson, Logan Huston, Angelina Iannazzi, Sophia Lataille, Jennifer Lilieholm, Margaret McCollough, Maci Monson, Benjamin Nelson, Taylor Plaisted, Kent Reichel, Kristina Reichel, Margaret Ross, Elizabeth Sturgeon, Dakota Sudbeck, Kristen Thibodeau, Nolan Turner, Jacob Ward, Ellie Webb Hermon: Kelly Berglund, Evan Bowman, Audrey Cliff, Colleen Cropley, Nicolette Hashey, Bonnie Hatch, Nickolette Higgins, Elias Pasquerillo, Margaret Pierce, Miranda Roberts, Fawn Sullivan, Jessica Wade, Joshua Wilson, Jessica Wood Holden: Megan Ackley, Shayne Andersen, Max Andrews, Keegan Bate, Marc Cammack, Molly Caron, Sarah Caron, Theresa Copeland, Alexa Grindle, Jill Hein, Ryan Jennings, Morgan Johnson, Robert Kiah, Chelsea King, Molly Martin, Forrest Miller, Emily Mills, Molly Moreshead, Jennifer Morrill, Hannah Nickerson, Jordan Nickerson, Katelyn Porter, Krystina Sanzaro, Reagan Smith, Blaine Williams, Tristan Wortman Howland: Ryan Bergeron, Denise Smart, Monique Theriault, Amanda Thurlow Hudson: Krista Foster Indian Island: Thomas Attean Kenduskeag: Derek Frey Lee: Brandon Bourgoin, John Chase Levant: Samantha Bullard, Jessica Devou, Erin Iverson, Amber Oakes, Jorden Osnoe, Christine Paul, Morgan Robinson, Brooke Sheridan Lincoln: William Cloran, Logan Helsor, Gavin Higgins, Merissa Jordan, Harli Maxwell, Andrew Phinney, Connor Smart, Nicolette Smith Lowell: Nicholas Garfield Mattawamkeag: Dailyn Markie Medway: Maxine Burleigh, Jared Lyons Milford: Margaret Benson, Danielle Harrington, Stephannie Kreyssig, Stacy Meister, Matthew Murray, Christopher Phinney, Laura Vaillancourt, Jared Winchenbach, Amanda York, Zachary Zoroya Millinocket: Lillian Dow, Steven Gregory, Cory Ladd, Alexandria Mooney Newburgh:

Alexandrea Becker, Amy Brown, Rogan Winch Newport: John Butler, Camden Clark, Nicole Moore Old Town: Nicole Altwater, Christopher Anderson, Meagan Areno, Scott Audet, Ryan Bateman, Hannah Cloutier, Taylor Cloutier, Meaghan Delcourt, Lisa Dezso, Kevin Dumas, Jennifer Dunham, Chynna Fuller, Edward Gonnella, Abbie Gray, Tyler Greenlaw, Sarah Harman, Kimberly Herron, Jaron Jones, Evan Lane, Jake Leithiser, Adam Letourneau, Amanda Livingston, Blaine Livingston, Hannah Livingston, Kylee Locke, Susan Lodge, Sophie Meltzer, Haley Michaud, Andrew Morgan, Kaitlyn Moriarty, Maxwell Morin, Evan Nedik, David Nelson, Susan Outman, Jalisa Patten, Yi Peng, Sarah Plunkett, Chandra Poliquin, Sarah Pressley, Jasmine Proctor, Dara Raymond, Scott Richards, Emma Richford, Julie Roach, Jason Robinson, Pamela Shimmel, Braden Sinclair, Amy Singer, Benjamin Smith, Jacob St Peter, Shaun Sylvester, Melissa Thompson, Zoie Trussell, Drew Van Steenberghe, Steven Vandez, Andres Velez, Sonja Williams Orono: Antonio Addressi, Nathaniel Allan-Rahill, Ayman Alsuruj, James Antle, Sokhna Aw, Rodney Banks, Kate Berry, Sarah Bishop, Allison Brakey, Tyler Brooks, Samantha Brown, Joshua Brown, Emily Bryant, Heather Burke, Joseph Claar, Leah Clement, Avery Cole, Blaise Collett, Schuyler Collett, Kayla Collins, Zachary Connerty-Marin, Keren Copperman, Mariah Curtis, Derek Derosier, Guthrie Dyer, Jared Escobar, Shannon Fitzpatrick, Andria Foster, Marie-France Georges, Laura Goldshein, Joseph Goodin, Daya Hall-Stratton, Jessica Hamilton, Diana Inkova, Alexander Introne, Autumn Kendal, Benjamin Koehler, Philip Kolmar, Robert Laraway, Troy Lawrence, Tyrel Love, Hunter Manley, Alexis Mantis, Kayla Marquis, James Martin, Sage McClain, Whitney Moores, Haleigh Moran, Lindsey Moran, Kirsty Moriarty, Kimberly Mulvaney, Jayna Murphy, Amber Murray, Bienvenu Ndarhutse, Anders Nelson, Cameron Ouellette, Zechariah Palmeter, Abby Parker, Samantha Pelletier, Meredith Polhemus, Nicholas Richmond, Travis Russell, Nicholas Shorette Alana Silverman, Jeremiah Simonsen, Javahn Smith, Kylie Smith, Bronte Sone, James Spruce, Aleeza Stearns, Andrea Steward, Jaymi Thibault, Sareena Toothaker, Zandalee Toothaker, Jonathan Torsch, Ethan Tremblay, Laura Triandafillou, Anna Vanasse, Sydney Veljacic, Axl Wallingford, Angela Wilson, Annabelle Wilson, James Winters Orrington: David Bickford-Duane, Kara Cowan, Matthew Dunning, Aaron Engroff, Shannon Falvey, Meagan Grass, Benjamin Jeffrey, Abigail Marvin, Jaime Roy, Hannah Ruhlin, Justin Smith, Faith Thomas, Emily Travis, Jeffrey Weeks, Haley Williams Patten: Delaney Fitzpatrick, Nathan Moore Plymouth: Darren Hayes, Renee Levasseur Stetson: Kortlyn Gilley Stillwater: James LeVasseur, Jocelyn St Jean Veazie: Jordan Carr, Shawn Casey, Rebecca Clements, Katerina Dagher, Laura Donovan, Thomas Griffith, Emma Hardy, Hina Hashmi, Katie Hathaway, Ira Kramer Woodville: Lauren Goodine **Piscataquis County** Atkinson: Sadie Zambrano Blanchard Township: Marie Miller Brownville: Mindy Downing Dover-Foxcroft: Christine Cannon, Amber Chadrawi, Miranda Church, Daniel Decker, Mary Dever, Charles Hildebrant, Brent Thomas, Katie Thomas, Adolfo Zepeda, Madeline Kelly Greenville: Gretel Breton, Amanda Sarol Greenville Junction: Spencer Bernier, Anthony DiAngelo, Kenneth Howard Guilford: Ruby D'salva-Bouton, Tara Fortier, Megan Martell Milo: Camille Cramer Sangerville: Megan Soden Sebec: Mamie Clarke **Sagadahoc County** Bath: Amy Franklin, Paige Martin, Kristen Shirley, Kai Whitehead Bowdoin: Allicyn Fitzgerald, Allison Goodridge, Haley LaGrange, Morgan Martin, Mikaela Melcher, Eloise Melcher Bowdoinham: Shauna Ferry, Adeline Schneider Georgetown: Kathleen Crosby, Mikaela Martin, Nicole Rubin, Hannah Russell Phippsburg: Dana Douglass Richmond: Noell Acord, Sarah Dean, Margaret Robbins, Brianna Snedeker Topsham: Margaret Bouchard, Courtney Burne, Robert Herrick, Gregory Kritzman, Caitlin LaFountain, Brian Messmer, Haley Michaud, Marie Ring, Sara Rogers, Connor Scott, Casey Williams West Bath: Hilary Warner-Evans Woolwich: Emily Buczkowski, Gabriela Peralta **Somerset County** Athens: Patrick Toribio Cambridge: Sarah Hoak Canaan: Samantha Santos Cornville: Samantha Turcotte Detroit: Olivia Shaw Fairfield: Grace Chavis Harmony: Jacob Stutzman Hartland: Kestrel D'Antilio, Abigail Elwell, Russell Wilson Madison: Jason Copp, Lindsey Kandiko Moscow: Dylan Belanger, Kristen Mathieu Norridgewock: Devin Lachapelle, Stephanie Little, Savanna Power Pittsfield: Alexander Audet, Megan Dunphy, Morgan Schanck, Andrew Schanck, Brittany Seekins Rockwood: Katherine Miller Saint Albans: Everett Coulter, Alyssa Taylor Skowhegan: Molly Ballou, Nicolette Curran, Jaden Dickenson, Rhiannon LaPlante, Craig Lizotte, Anna Mabie, Lucas McDaniels, Christopher Paradis, Jillian Redmond Smithfield: Holly Lupo **Waldo County** Belfast: Allison DellaMattera, Katrina Lapham, Harvey Shue Brooks: Wendy Gibbs, William Yori Frankfort: Katherine Bishop Freedom: Trevor Diemer, Kyle Hadyniak, Zoli Kertesz, Joseph Malady Liberty: Emily Lewis Lincolnville: Jesse Drotar, Maximilian Geffken, Crockett Lalor, Renee Moody, Christopher Smith Montville: Alexandria Jimenez, Skye Siladi Morrill: Abigail Wessels Searsmont: Emily Blood, Samuel Hoey Searsport: Zachary Beaudry, Benjamin Bucklin, Jacob Bucklin, Pascal Francis-Mezger, Melissa Gent Stockton Springs: Anderson Denduang, Frances Doyle, Colin Graebert Swanville: Nikky Boyington Thorndike: Brian Blanchard Troy: Lorna Harriman Unity: Daniel Ludden, Robert Powell Waldo: Jennifer Allenwood, August Sender Winterport: Olivia Barberi, Joshua Bessey, Cecilia Dube, Samantha Dunton, Erin Foley, Samuel Lebel, Ian Miller, Brittany Oettinger **Washington County** Addison: Ross Trundy Calais: Katie-Lynn Bridges, Meaghan Cavanaugh, Jesse Clark, Meagan Cloutier, Jordan Daley, Kimberly Harvell Charlotte: Nicholas Sluzenski Columbia: Brandon

Torrey Columbia Falls: Haley Toppin Cutler: Molly Abrams Danforth: Logan Crone East Machias: Nigel Pingree, Matthew Talbot Jonesboro: Kassidy Seeley, Taylor Seeley Lubec: Chad Denbow Machiasport: Caleb Beal, Jillian Day Marshfield: Michael Larson Milbridge: Cristina Perez, William West Pembroke: Rachael Mahar Perry: Natalie Altvater Steuben: Cary Robinson Topsfield: Taylor Cochran Waite: Tamara Thomson Weston: Felicia Cowger Whiting: Gianna Porter **York County** Acton: Abby Tranchemontagne Alfred: Andrew Bullard, Katherine Caramihalis, Tabatha Goodale, Brady Goodwin, Jacqueline Stolo Arundel: Colin Buttarazzi, Ciera Lamontagne Bernard: Matthew Harkins Berwick: Abbigale Beaulier, Andrew Butler, Nathan Dunn, Hayley Junkins, Cory Sollberger Biddeford: Brooke Bailey, Justine Bouthot, Robert Cote, Kent Dao, Spencer Desrochers, Emily Doyon, Maeghen Howe, Christopher Jones, Michael Kennedy, Christian Knight, Maggie Maloy, Ashley McCauley, Anna Mininni, Amber Mondor, Vie Nadeau-Carney, Michael Shea, Timothy Waterman Buxton: Lucas Knight, Brendan O'Neill Cape Neddick: Mitchell Benoit, Andrew Hayford, Autumn Murtagh Dayton: Alexander Belanger, Christina Caron, Audrey Dean, Avery Dunn East Waterboro: Marjorie Lee, Kayla Schneider Eliot: Bethany Ames, Garrett Brown, Alyssa Curtis, Melissa Drysdale, Isabella Etro, Jackson Foley, Thomas Kent, Olivia Mondene, Nathan Nappi, Adya Plourde, Hattie Stiles Hollis Center: Casey Libby, Riley Mattor, Sean Turner Kennebunk: Jedd Dill, Caleb Drake, Lauren Errico, Nicholas Haritos, Leah Malitsky, Nathan Ruel, Hannah Sirois Kennebunkport: Nicholas Ames, Jennifer Davis, Samantha O'Shea Kittery: Stephanie Beeskau, John LaMarca, Sarah Noble, Alexis Ovington, Andrew Perkins, Wesley Raines, Ariel Rochester, Timothy Rogers Kittery Point: Abigail Hannigan, Mary Lambrecht, Mark Lambrecht Lebanon: Nicole Brown, Alexandria Dix, Kylie Paradis, Samantha Wozmak Lyman: Aleeshia Carroll, Phillip Twombly North Berwick: Corey Halliday, Elizabeth Littlefield, Anna Wright, Ian Wright North Waterboro: Madeline Sanborn Old Orchard Beach: Emily Bordeau, Jamie Crowley, Shania Evangelista, Kailey Fogg, Samuel Jenkins, Jason Regis, James Strohm, Rebecca Wittman Saco: Michelle Beauchemin, Robert Begin, Shelby Conklin, Alexandra Courtney, Amelia Courtney, Kayleigh DeFrancesco, Elizabeth Demin, Alison Folsom, Amanda Gibbons, Rebecca Harris, James Hutchinson, Meaghan Labbe, Cain Landry, Drew Landry, Danielle Laverriere, Katherine Lees, Devin Marsh, Christopher Nashi, James O'Neil, Kendall Pike, Christianna Roberts, Samantha Saucier, Jenn Seneres, Kent Seneres, Lindsay Stack, Jaime Strain, Henry Ta Sanford: Mathew Allen, Colby Cronin, Michael Hurley, Michelle Jacques, Jenna Nichols, Justin Norman, Joshua Patnaude, Taylor Pepin, Meaghan Stewart South Berwick: Hannah Folger, Madelyn Folger, Ariel Kaplan, Toni Kaplan, Seraphina Orsini, Sarah Personeni, Kacey Pope, Catherine Pouliot, Andrew Purgiel, Erica Sedler, Lucas Taylor, Kendra Threeton Springvale: Chad DiPrisco, Isaac Sweeney Waterboro: Jonna Casoli Wells: Dominic Barra, Meghan Connelly, Anthony Crawford, Douglas Darling, Zachary Mason, Cameron McMahon, Patrick Menard, Gillian Ramsdell, Nadia Rashed, Katherine Sevigney, Steven Valentino West Kennebunk: William Bauld York: Allison James, Hannah Keating, Craig Lane, Michael O'Connor, Zachary Pease, Michelle Raymond

UMaine Extension Seeks 4-H Adult Volunteers

05 Feb 2015

University of Maine Cooperative Extension 4-H in Washington County seeks adult volunteers to share their knowledge about nature, heritage arts, science, photography, gardening, shooting sports and other specialties with youth in special interest (SPIN) clubs. SPIN clubs will meet for a minimum of six one-hour sessions over the next three to six months. Washington County UMaine Extension office personnel will provide training, resources and help with activity planning. For more information or to get involved, contact Extension Educator Jen Lobley, 255.3345, 800.287.1542 (in Maine), or jennifer.lobley@maine.edu.

Artesani to Lead Public Discussion Before Voice Concert

05 Feb 2015

The University of Maine Humanities Center has organized a free public lecture and discussion led by UMaine music professor Laura Artesani ahead of a Feb. 8 concert by vocal trio Voice. Artesani will speak at 2 p.m. in the Collins Center for the Arts' Miller Cafe before the 3 p.m. performance in Minsky Recital Hall. Coffee and tea will be served during the discussion. Voice, a vocal trio from Oxford, England, will perform works by Hildegard of Bingen and other early masters, traditional arrangements from around the world and contemporary compositions. The concert is part of the Collins Center for the Arts' 2014/15 Chamber Music Series. For ticket information, call 800.622.TIXX. A reception will follow the performance. For more information about the discussion, call Liam Riordan, director of the UMaine

Humanities Center at 581.1913.

Free Family Fun Cooking Class Offered in Skowhegan

05 Feb 2015

University of Maine Cooperative Extension and FoodCorps are offering a free cooking class for income-eligible families 5–6 p.m. Wednesdays, March 4–25, at the UMaine Extension Somerset County office, 7 County Drive, Skowhegan. The four-session class is designed for income-eligible families with children living at home. Parents will be taught to prepare quick and easy main meals while youth make healthy snacks. Participants who complete the program will receive a cooking kit that includes recipes and kitchen tools. For more information, including questions about eligibility, as well as to register and request disability accommodations, call 207.474.9622 or email gail.cardarelli@maine.edu.

UMaine Lobster Salad Part of Taste of Maine Senate Lunch, WABI Reports

05 Feb 2015

[WABI](#) (Channel 5) reported Sen. Susan Collins recently hosted the U.S. Senate’s first bipartisan lunch of the new legislative session. The taste of Maine lunch featured Maine lobster salad made from a special recipe from the University of Maine, chips made from Maine potatoes grown in Van Buren and Maine blueberry pie that was topped with vanilla and wild blueberry ice cream from Gifford’s in Skowhegan, according to the report. The monthly lunches aim to build more productive relationships in the Senate, the report states.

Pendse Quoted in BDN Article on Proposed Hampden Waste Handling Facility

05 Feb 2015

The [Bangor Daily News](#) reported the Municipal Review Committee (MRC) voted unanimously to enter a development agreement with Maryland-based company Fiberight that wants to build a solid waste processing facility in Hampden that will turn trash into biofuel. The MRC hired a team of students from UMaine’s Forest Bioproducts Research Institute (FBRI) led by Hemant Pendse, a UMaine professor who leads the FBRI research team focused on creating and commercializing new bioproducts. The team was tasked with studying Fiberight’s operations to determine if its technology will work in the colder temperatures of Maine. Pendse, who spoke about the study’s results, said he and other team members have experience with concepts similar to that being advanced by Fiberight, many of them from Maine’s pulp and paper industry. In addition to a visit to Fiberight’s Virginia plant, the team worked with consultants, he said. “So to give you the upshot, our analysis of the Fiberight technology and their operating experiences is that the technology is sound and it’s ready to be deployed in Maine,” Pendse said. [The Free Press](#) also published a report about the proposed facility and study.

Pen Bay Pilot Highlights 4-H, Innovate for Maine Fellows News

06 Feb 2015

The [Pen Bay Pilot](#) highlighted two University of Maine announcements in its education roundup. It ran a release announcing University of Maine Cooperative Extension is asking 4-H alumni to take part in a national contest to bring a \$10,000 “Innovation Incubator” Science Sponsorship to Maine. [The Maine Edge](#) also ran the release. In addition, the online news source and [Foster's Daily Democrat](#) reported UMaine's Foster Center for Student Innovation is seeking college students and Maine companies for the Innovate for Maine Fellows program. To apply, visit the Foster Center’s [website](#).

DMC Site of Natural Science Illustration Workshop

06 Feb 2015

The sixth annual Natural Science Illustration Workshop will be held June 15–19, at the University of Maine Darling Marine Center in Walpole. The workshop is for those who want to illustrate a natural history journal with sketches and watercolors and for people who want to create scientifically accurate drawings. Prior art training is not required. David Wheeler, who teaches at the Pratt Institute Center Extension Campus at Munson-Williams-Proctor Arts Institute, will be the instructor. He has made life-size dinosaur models for the American Museum of Natural History in New York and Osaka Museum of Natural History in Japan. Cost is \$370; room and board at DMC are available for an additional fee. April 15 is the registration deadline. For more information and to register, call 207.563.8220.

BDN Features New Media Student Projects

06 Feb 2015

The Bangor Daily News reported on a student digital narrative project in a University of Maine new media course taught by Associate Professor Joline Blais. The project was inspired by the BDN endeavor titled My Maine Culture. The student projects celebrated Maine's sense of place and included memories of lobstering and becoming immersed in Maine's art scene. Student Kevin Boucher described his childhood in Madawaska: "I grew up all the way up north where Acadian culture is everywhere and Frenglish is a language. I lived right next to the Canadian border so most of my family are Canadians and we went to Canada for a lot of things. It was like having a city that we didn't live in but could visit anytime we wanted. I loved living in good old Madawaska because I had places I could feel like I was completely lost in the woods when only being a few steps away from being back in civilization." To view the student entries, visit 443.nmdprojects.net/2015.

Media Cover Release of Ocean Acidification Report

06 Feb 2015

Several media outlets covered the release of a report commissioned by the 126th Maine Legislature to study the effects of coastal and ocean acidification on species commercially harvested on the Maine coast. Rep. Michael Devin, a marine biologist at the Darling Marine Center, chaired the group and UMaine oceanographer Larry Mayer was a member of the panel. The commission's goals included monitoring and investigating ocean acidification effects, reducing emissions of carbon dioxide, strengthening pollution reduction efforts and informing stakeholders. The panel asked for a \$3 million bond so scientists can obtain more information about increasing ocean acidity. This study was the first of its kind on the East Coast, according to the panel. It included fishermen, scientists, aquaculture professionals, lawmakers and state officials. Outlets covering the release included ThinkProgress and WCSH-6. The Morning Sentinel and Kennebec Journal carried the [AP report](http://APreport). To read the report: maine.gov/legis/opla/Oceanacidificationreport.pdf.

UMaine Hosts Nor'easter Bowl

06 Feb 2015

High school teams from Maine and New Hampshire are competing in the Nor'easter Bowl — a regional ocean science competition — Saturday, Feb. 7, in the D.P. Corbett Business Building at the University of Maine. Science of oil in the ocean is the theme of the contest. Four- and five-member student teams will be challenged with quick-answer buzzer questions and thought-provoking team challenge queries. Competition will be held 9—10 a.m., 10:30 a.m.—noon, 1—2 p.m. and 2:30—4:30 p.m. The awards ceremony will be at 4:45 p.m. The winning squad earns the right to take part with 22 other regional champions in the 18th Annual National Ocean Sciences Bowl at the University of Southern Mississippi's Gulf Coast Research Lab on April 23–26, in Ocean Springs, Mississippi. The Nor'easter Bowl is part of the National Ocean Sciences Bowl — a program of the nonprofit Consortium for Ocean Leadership. The goal is to encourage the next generation of marine scientists, policymakers, teachers, explorers, researchers, technicians, environmental advocates and informed citizens, to be stewards of the ocean.

WVH Reports on Nor'easter Bowl at UMaine

09 Feb 2015

WVII (Channel 7) reported high school teams from Maine and New Hampshire were set to compete at the Nor'easter Bowl — a regional ocean science competition — at the University of Maine over the weekend. Student teams were challenged with quick-answer buzzer questions and team challenge queries throughout the day. The winning team earns the right to take part with 22 other regional champions in the 18th annual National Ocean Sciences Bowl in Mississippi this April. The Nor'easter Bowl is part of the National Ocean Sciences Bowl — a program of the nonprofit Consortium for Ocean Leadership.

Schoodic Institute CEO Cites UMaine Partnership in Press Herald Q&A

09 Feb 2015

Mark Berry, president and CEO of the Schoodic Institute at Acadia National Park, mentioned the organization's partnership with the University of Maine during an interview with the [Portland Press Herald](#). Berry said the institute, which is a nonprofit that works to inspire people to explore outside, has a partnership with UMaine that was developed through the Acadia Learning program. As part of the program, students collect dragonflies for UMaine scientists who then analyze the insects to determine mercury levels in ponds around the state, according to Berry. "By doing this, students help produce a picture of the mercury contamination in the environment. The National Park Service picked it up and it's now at 50 parks across the country," Berry said.

UMMA Offers Valentine Card Making, WVII Reports

09 Feb 2015

WVII (Channel 7) reported the University of Maine Museum of Art in downtown Bangor offered a free craft activity over the weekend. Families were invited to make Valentine's Day cards while visiting the museum, according to the report. Organizers told WVII that hosting family activities allows people to see what the museum has to offer.

Cetinic Featured in Oceanography Society Magazine, Boothbay Register Reports

09 Feb 2015

[Boothbay Register](#) published a University of Maine news release about University of Maine researcher Ivona Cetinic being one of four Maine scientists featured in The Oceanography Society's "Women in Oceanography: The Next Decade," a supplement to the December issue of "Oceanography" magazine. The report reviews progress in career advancement for female oceanographers over the last 10 years and where additional attention is needed. Cetinic, a research associate in the School of Marine Sciences at UMaine's Darling Marine Center in Walpole, co-wrote an article about the continuing challenges women face in the field. "While there have been positive improvements over the past 10 years, such as increasing numbers of female professors, there are still signs of barriers to women advancing in their careers," Cetinic said.

Dean Dana, Smith Talk with Press Herald About Beneficial Student Life Programs

09 Feb 2015

Robert Dana, the University of Maine's vice president for student life and dean of students, and Barbara Smith, who runs UMaine's commuter and nontraditional student program, spoke with the [Portland Press Herald](#) about beneficial student services for an article about increased tuition on college campuses. Smith said although services such as the commuter lounge, costs the university money, it pays off in student satisfaction and retention. "I think students of whatever age need to really connect to an institution or they're not going to stay," she said. Dana also spoke about the veterans services program, which helps answer questions and provides a staffed veterans lounge on campus. He said there are about 7,000 commuter or nontraditional students, and about 400 veterans and dependents on campus. "It's money well spent," Dana said of the programs. "You can't just not attend to that part of the population." Connor Scott, a UMaine junior studying business administration and international security, was featured in a related [Press Herald](#) article about how three Maine students are dealing with debt.

Target Technology Incubator Company Featured in Boston Globe

09 Feb 2015

Double Blue Sports Analytics, a University of Maine Target Technology Incubator company, was featured in The Boston Globe article, "Technology gives goalies edge in advancements." The startup's hockey goaltending analytics app was mentioned in the article as being used with GoPro cameras and iPads to help goalies at Tufts. Dan Kerluke, a former associate head coach for the UMaine hockey team, co-founded the startup. "If [the goalie has] given up eight high-glove goals, you can click on the shot chart and see all the videos attached to those eight goals," Kerluke said. "Instantly for a goalie coach, you can go through those high-glove goals and find out what the deficiency is, then work on something in practice to make that improvement. As a goalie coach, to aggregate 10 games' worth of goals against can be 30 or 40 hours of work. This technology extracts that simply and gives it meaning."

Markowsky Quoted in Scientific American Article on Pulsating Stars, Golden Ratio

09 Feb 2015

George Markowsky, a mathematician and computer science professor at the University of Maine, was quoted in a [Scientific American](#) article about how astronomers have discovered variable stars that periodically dim and brighten at frequencies close to the golden ratio. The golden ratio is the irrational number 0.61803398875, known as the Greek letter phi, according to the article. The connection between the golden ratio and the stars could be meaningful or it could be a fluke, the article states. "Many claims about natural phenomena and the golden ratio are exaggerated," Markowsky said. "I refuse to accept anything off by 2 percent or more as evidence of the golden ratio. After all, around any real number there are infinitely many other real numbers. People don't seem to write papers about the mystic properties of .6 (which is very close to .618....)."

2015 'M' Club Dean Smith Award Winners Announced

10 Feb 2015

The University of Maine has named women's basketball player Liz Wood and track and field athlete Wilson Adams the recipients of the 2015 "M" Club Dean Smith Award. The award is presented annually to the top male and female student-athletes with outstanding academic and athletic achievement along with citizenship and community service. Adams of Barrington, Rhode Island is a bioengineering major with a minor in physics who plans to pursue graduate studies. His research has included working in the development of specialized equipment for automated handling of larval zebrafish and on a project to design and produce biodegradable lobster shell golf balls. Adams, captain of the track and field team, has set multiple school records while at UMaine. He is a four-time America East champion in the weight throw and hammer, winning both events in 2012 and 2014. He has been named the UMaine and America East student-athlete of the week multiple times and has been selected to the America East All-Conference and IC4A All-Eastern teams. Wood of Catlett, Virginia is a junior in the Honors College majoring in biology with a pre-med concentration and a minor in chemistry. She was named the 2013 America East Women's Basketball Student-Athlete of the Year and is a two-time selection to the America East Commissioner's Honor Roll. She received the Second Year Academic Book Award in the school of Biology and Ecology in 2013 and is a two-time finalist for the Women's Basketball Coaches Association (WBCA) All-State Good Works Team for her significant impact in the community, in the classroom and on the court. This past summer, she also participated in an internship at Colorado State University working in a laboratory on a NASA-funded project in cancer biology. Wood, who is co-captain of the women's basketball team, recently became the 18th women's basketball student-athlete in school history to record 1,000 points. She was named the America East preseason Player of the Year and earned a spot on the preseason All-Conference list. In addition, the University of Maine Athletic Department named its seventh annual "Team Maine" representing the top sophomore, junior or senior achieving the highest grade point average in 2014. More information, including a full list of Team Maine student-athletes, is online.

Student Running for Vice Chairwoman of Maine Republican Party, BDN Reports

10 Feb 2015

The [Bangor Daily News](#) reported that Abigail Bennett, a first-year economics major at the University of Maine, is running for vice chairwoman of the Maine Republican Party. Bennett is the daughter of Chairman Rick Bennett. The Republican State Committee will choose officers Saturday, Feb. 14 in Augusta, the article states.

Maine Edge Previews Black Bear Marathon, Half Marathon

10 Feb 2015

[The Maine Edge](#) published a University of Maine news release about the university hosting its first full and half marathon this summer as part of the Black Bear Race series. The inaugural Black Bear Marathon and Half Marathon will take place June 21. Campus Recreation also is offering marathon training for runners who are interested in participating, but would either prefer some coaching or training with others. Starting in February, participants will run weekly as a group with an experienced trainer and will be given a detailed training plan, handouts on various race topics and \$10 off race registration.

BDN Reports on 2015 ‘M’ Club Dean Smith Award Winners

10 Feb 2015

The [Bangor Daily News](#) reported University of Maine women’s basketball player Liz Wood and track and field athlete Wilson Adams received the school’s 2015 “M” Club Dean Smith Award during an academic ceremony Monday night. The award is presented annually to the top male and female student-athletes with outstanding academic and athletic achievement along with citizenship and community service. More about the award and winners is online.

WABI Interviews Young About Measles Preparation

10 Feb 2015

Dick Young, auxiliary operations director at the University of Maine’s Cutler Health Center, spoke with [WABI](#) (Channel 5) for a report about preparing for the possibility of measles on campus. Young said UMaine officials are closely monitoring the measles outbreak in California and would follow Centers for Disease Control and Prevention (CDC) guidelines if there was a confirmed case on campus. The last confirmed case of measles in Maine was in 1997, according to the report.

Fairman, Mason Write Op-Ed on Education Research for BDN

10 Feb 2015

Janet Fairman, an associate research professor of education at the University of Maine, and Craig Mason, a professor with Maine Education Policy Research Institute and the Center for Research and Evaluation at UMaine, wrote an opinion piece for the [Bangor Daily News](#) titled “Maine schools can do more to engage parents effectively to help students learn.” The op-ed focused on research investigating the role of parent engagement in supporting students’ academic learning. Katie Thompson and Theresa Gillis, doctoral students in the educational leadership program at UMaine, contributed to the research. A full version of the report is online.

Wu Talks to Food Safety Magazine About Latest Research

10 Feb 2015

Vivian Wu, a professor of microbiology and food safety in the School of Food and Agriculture, was interviewed by [Food Safety Magazine](#) about her latest research on food-borne pathogens. Wu’s project recently received a \$150,000 research grant from the U.S. Department of Agriculture and the National Institute of Food and Agriculture to develop a magnetic resonance imaging (MRI) method to better understand food-borne pathogens. Wu said the research team’s

goal is not only to better understand the process by which harmful bacteria move into the edible parts of fresh produce, but to come up with ways to prevent pathogen internalization in food.

UMaine to Host 11th Annual International Dance Festival Feb. 21

11 Feb 2015

The University of Maine will hold the 11th annual International Dance Festival (IDF) on Feb. 21 at the Collins Center for the Arts. The performances, which are free and open to the public, will take place at 2 and 7 p.m. The event will feature performances by dancers from more than a dozen regions around the world including Vietnam, Brazil, India and the Caribbean. The IDF was a student-led initiative that began in 2005. The festival is organized by the Office of International Programs and the International Student Association. For more information or to request a disability accommodation, visit the Office of International Programs [website](#) or call 581.3437.

New Haven Register Publishes Article on Student Finishing Hometown Mural

11 Feb 2015

The [New Haven Register](#) reported University of Maine student Laura Bollert recently returned home to Milford, Connecticut to fill in a mural she painted in high school. In 2012, Bollert sketched and painted an 8-by-20-foot mural of a tidal marsh on a wall of the Milford Point Coastal Center, according to the article. She returned over winter break to fill it in after a broken television was removed from the middle of the mural, the article states. "I'm really happy with it," said Bollert, who plans to be a wildlife researcher.

RSU 10 Planning Trips to 4-H Camp, Sun Journal Reports

11 Feb 2015

The Sun Journal reported the Regional School Unit 10 board of directors approved trips to the University of Maine 4-H Learning Center at Bryant Pond. Rumford Elementary School fifth-graders will take part in an overnight nature experience June 1 and 2, and Dixfield Elementary students in grades three through five will take part in a daylong visit May 18, according to the report. "Our goal is to get kids outside into the natural world," said Lyndsey Smith, lakeside classroom coordinator at Bryant Pond, during her presentation to the board.

Professor Emeritus Donaldson Guest on MPBN's 'Maine Calling'

11 Feb 2015

Gordon Donaldson, professor emeritus of education at the University of Maine, was a recent guest on the [Maine Public Broadcasting Network's](#) "Maine Calling" radio show. Donaldson and other guests spoke about "The past, present and future of rural education in Maine."

WABI Advances UMaine Extension's Cooking on a Budget Class in Skowhegan

11 Feb 2015

WABI (Channel 5) reported the University of Maine Cooperative Extension and FoodCorps are hosting a four-session class in Skowhegan for parents to learn tips about cooking on a budget. Participants who complete the program will receive a cooking kit with recipes and tools. Classes start March 4.

Media Cites Simons-Legaard's Declining Deer Habitat Research

11 Feb 2015

A study by Erin Simons-Legaard, an assistant research professor in forest landscape modeling in the School of Forest

Resources, was the focus of a segment on Bob Duchesne's "Wild Maine" radio show on [92.9 FM The Ticket](#). Simons-Legaard's research focuses on the decline of wintering habitat for deer in the Northern Maine woods. The interview also was cited in a [Bangor Daily News](#) blog post by George Smith titled, "Homeless deer may be doomed in Maine's North Woods."

UMaine Business Challenge Expands to Other Schools, MaineBiz Reports

11 Feb 2015

Organizers of the UMaine Business Challenge, the state's largest student entrepreneurship competition, recently announced the contest is no longer limited to Maine's public universities, according to [MaineBiz](#). The organizers said students at all of Maine's higher education institutions looking to pitch their business ideas are eligible to compete for a total of \$20,000 in cash and consulting prizes, including free entry into the Maine Center for Entrepreneurial Development's Top Gun program, the article states. The UMaine Business Challenge was founded in 2011 by a group of 2010 UMaine graduates who wanted to give back to their alma mater while creating more opportunities for student entrepreneurs. "Our two main goals have never changed: Support collegiate entrepreneurs and help contribute to Maine's economic growth. Opening up the competition helps us accomplish both of those," said organizer James Morin in a prepared statement.

UMaine Extension Offers Course to Veterans Interested in Farming

12 Feb 2015

University of Maine Cooperative Extension is offering "So You Want to Farm in Maine?" to military veterans beginning 6–9 p.m. Tuesday, March 17, at University of Maine at Augusta, Richard Randall Student Center, 46 University Drive, Augusta. Extension educators Tori Jackson and Caragh Fitzgerald and other area experts will teach the course, which will be held six consecutive Tuesdays. The class is designed for farmers and those who want to operate a farm. It will cover knowledge and skills necessary to start, adapt and maintain a profitable land-based business. Cost is \$50, which includes the textbook and all materials; the fee covers more than one farm business partner if they share materials. Online registration is required; the course is limited to 25 participants. For more information or to request a disability accommodation, call 207.353.5550 or email kymnoelle.sposato@maine.edu.

UMaine Road Snow, Ice Removal Research Cited in Hartford Courant Article

12 Feb 2015

Research conducted at the University of Maine was mentioned in a [Hartford Courant](#) article about a debate in Connecticut over road snow and ice removal methods. The Connecticut Academy of Science and Engineering (CASE) is currently studying whether widely used effective salt compounds are corroding vehicles faster than sand and/or salt, as several truckers claim, according to the article. In Maine, the DOT protocol for snow removal uses the same ingredients as in Connecticut, but in different concentrations. UMaine has also studied road snow and ice removal methods, similar to what CASE is researching now, the article states.

WABI Previews Annual Play 4Kay Women's Basketball Game

12 Feb 2015

WABI (Channel 5) reported the University of Maine women's basketball team is prepared to play the annual Play 4Kay breast cancer awareness game on Feb. 15. Play4Kay is named after Kay Yow, a longtime North Carolina State women's coach who died of breast cancer in 2009. Funds raised for the game go to the Kay Yow Foundation to support breast cancer research. Coach Richard Barron said if the team raises \$10,000, he will shave his head. Barron also visited WABI's studio to talk about the game.

UMaine Career Fair Featured on WLBZ

12 Feb 2015

WLBZ (Channel 2) covered the University of Maine Career Center's 17th annual UMaine Career Fair at the New Balance Student Recreation Center. About 120 employers from Maine and around the country with job and internship opportunities exhibited at the fair. Several graduate and professional schools, as well as branches of the military, also were represented at the event. "It's really rewarding to be able to come back to your alma mater and be on the other side of the table and help students just like yourself identify if it's the right opportunity for them, and figuring out what they want to do, and being in a position to provide them that opportunity," said Nathan Kinney, a 2012 UMaine graduate who is now a small business manager for Key Bank. Patty Counihan, director of the Career Center, said about 800 students attended the fair.

Journal Article on Wireless Sensor Research One of the Most Downloaded

12 Feb 2015

An paper co-authored by Ali Abedi, associate professor of electrical and computer engineering, was one of the 50 most downloaded articles in the IEEE Sensors Journal in October-November 2014. The paper, "Wireless Sensor Systems for Space and Extreme Environments: A Review" (Vol. 14, No. 11, November 2014), was co-authored by Abedi and Habib Rashvand, School of Engineering, University of Warwick; Jose M. Alcaraz-Calero, School of Computing, Telecommunications and Networks, University of the West of Scotland; Paul Mitchell, University of York; Subhas Chandra Mukhopadhyay, Massey University. The latest Top 50 papers are [online](#).

Office of International Programs Offering Passport Day Feb. 18

13 Feb 2015

The Office of International Programs is offering a Passport Day on Wednesday, Feb. 18 to help UMaine students, faculty and staff apply for a new passport or renew an expiring one. Those who visit Estabrooke Hall, Room 240 from 10 a.m. to 3 p.m. will get their photo taken and be able to pick up a U.S. passport application. The cost for two photos is \$10; exact amount in cash is required. Passport applications can be processed at post offices in Orono and Old Town. For more information or to request a disability accommodation, call the Office of International Programs at 581.3437.

Art Department Accepting Applications for After-School Program

13 Feb 2015

The University of Maine Department of Art is accepting applications for the after-school ArtWorks! program. For more than 30 years, UMaine's Art Education Program has offered the program for students in grades K–8. ArtWorks! provides children an opportunity to explore the world of art through hands-on experiences with a variety of visual media, the history of art, and the viewing of art works. The spring ArtWorks! session will run five consecutive weeks with classes held 3:30–5 p.m. Fridays in Lord Hall on the UMaine campus. Classes begin March 20 and continue through April 17. Classes are organized by grade level and are taught by art education majors, who are preparing to become art teachers. The program is supervised by Laurie Hicks, professor of art. Participants will have the opportunity to work with diverse media as they explore the ways experiences with art help encourage creative expression and manipulative skills, as well as aid in viewing and understanding the visual world. This semester, students will consider and make art as a form of storytelling. A \$25 fee covers the cost of materials. The program is offered on a first come, first served basis. Applications are available through the Department of Art and are due no later than Feb. 25. For more information or an application, contact Hicks at 581.3247 or laurie.hicks@umit.maine.edu. Lord Hall is wheelchair accessible.

Blueberry Commission Director to Help UMaine Extension Get Funding, Mainebiz Reports

13 Feb 2015

[Mainebiz](#) reported the Wild Blueberry Commission of Maine has named former attorney Nancy McBrady its new

executive director. McBrady is expected to help grow and advocate for Maine's wild blueberry industry, according to the article. She also will help the University of Maine Cooperative Extension obtain funding for research and development programs related to the state's blueberry industry, the article states. The [Portland Press Herald](#) also carried a report.

UMaine Climate Change Report Cited in Seacoast Online Article

13 Feb 2015

A 2009 University of Maine climate change study was mentioned in a [Seacoast Online](#) article about state Rep. Lydia Blume, D-York, sponsoring a bill to help Maine's coastal towns prepare for sea level changes. The report, "[Maine's Climate Future](#)," showed that Maine's sea levels are rising and the frequency of severe storms will increase, according to the article. The report also estimates that more than 260 businesses in York County are at risk of flooding, the article states.

Woodsmen's Team, Forestry Students to Volunteer for Belfast Wood Bank

13 Feb 2015

A dozen students from the University of Maine Woodsmen's Team and Society of American Foresters Student Chapter will volunteer their services for Maine's newest wood bank in Belfast on Feb. 14. At Maine Grilling Woods in Waldo, the students will help chop nine cords of firewood that was purchased through a fundraising effort by Waldo County Woodshed, a nonprofit that seeks to provide firewood to low-income residents. The UMaine Woodsmen's Team is a co-ed organization dedicated to maintaining the old woods skills and competing on the intercollegiate level in logging sports throughout the Northeast and Canada. The team has been a UMaine tradition for more than 40 years. The Society of American Foresters is the national, scientific and educational organization representing the forestry profession in the United States. The student chapter at UMaine is dedicated to furthering professionalism, networking and the learning experience of forestry students and related majors.

National History Day Student Research Workshop March 3

17 Feb 2015

Middle and high school students who are interested in history are welcome to attend a National History Day (NHD) research workshop at the University of Maine on March 3. Students, along with parents and/or teachers, will have the opportunity to meet with UMaine history faculty, graduate students and library staff from 2:30–4:30 p.m. on campus to help advance their research. Students can come with a fully developed idea or seek help starting a project for the national competition that encourages independent research. The workshop will begin in Fogler Library, where students can discuss their research project, seek assistance with online database searches, and connect with experts who can point to primary sources in Fogler Library's Special Collections and the Maine Folklife Center. For more information about the workshop or to request a disability accommodation, email Liam Riordan at riordan@umit.maine.edu. More than half a million students, encouraged by thousands of teachers, participate in NHD annually. Students choose historical topics and conduct extensive primary and secondary research related to the annual theme. Students present their work in the form of original papers, websites, exhibits, performances or documentary videos. Projects are evaluated by judges in a statewide competition, and state winners move on to the national contest in Washington, D.C. UMaine is hosting the Maine National History Day competition March 28. Registration for the state contest is [online](#) and closes March 7. The national contest will take place June 14–18 at the University of Maryland, College Park. More information about Maine National History Day is available on the UMaine [website](#), [Facebook](#) and by contacting John Taylor, the NHD state coordinator, at john.m.taylor@maine.edu or 207.474.7133.

BDN Reports Women's Basketball Team Wins Play 4Kay Game, Meets Goal

17 Feb 2015

The [Bangor Daily News](#) reported on the University of Maine women's basketball team's annual Play 4Kay breast

cancer awareness game. The team beat Stony Brook 57–49 and exceeded their \$10,000 fundraising goal for the Kay Yow Foundation to support breast cancer research. Coach Richard Barron, who dyed his hair pink for the game, followed through with his promise to shave his head if the team’s goal was reached, according to the BDN.

Stack Quoted in Press Herald Maine Gardener Column

17 Feb 2015

Lois Berg Stack, an ornamental horticulture specialist with the University of Maine Cooperative Extension, was interviewed for the latest column in the [Portland Press Herald](#)’s Maine Gardener series. The column, “Sure, grow your own flowers for nuptials, but have a Plan B,” included advice from Stack and other gardening experts. “Plants are going to do what they are going to do,” Stack said. She suggested couples grow more flowers than they need in three sets at different times — “one for the date, one a little behind and one a little ahead.” She also warned growing flowers may not save money because investing in the extra flowers will probably be more expensive than buying the exact number of blooms needed.

WABI Covers 4-H Science Saturday

17 Feb 2015

WABI (Channel 5) reported on a University of Maine 4-H Science Saturday workshop at UMaine’s Climate Change Institute. About a dozen children in grades six through eight helped design a canister to keep ice core samples gleaned from the Peruvian Andes frozen and intact for research. “Kids were eager to give me a recommendation on how to design and pack my ice to bring it back,” said Charles Rodda, a UMaine graduate student and 4-H STEM Ambassador who will travel to Peru on a research expedition in March. “Certainly some of those ideas are going to be incorporated in how we bring back our ice.”

Media Report Students’ Volunteer Efforts at Belfast Wood Bank

17 Feb 2015

WABI (Channel 5) and the [Bangor Daily News](#) reported about a dozen students from the University of Maine Woodsmen’s Team and Society of American Foresters Student Chapter volunteered their services for Maine’s newest wood bank in Belfast. At Maine Grilling Woods in Waldo, the students helped chop nine cords of firewood that was purchased through a fundraising effort by Waldo County Woodshed, a nonprofit that seeks to provide firewood to low-income residents. “The students were so excited at the chance to volunteer,” Jessica Leahy, an associate professor in UMaine’s School of Forest Resources, told the BDN. “Students today care about making a difference. The Woodsmen’s Team trains nearly every day on their logging sports skills, so the chance to come down and work up some wood while helping others was the perfect fit for them.”

Archival Photo Exhibit, ‘Fish, Wind and Tide,’ at UMaine’s Hutchinson Center

17 Feb 2015

A photography exhibition, “Fish, Wind and Tide: Art and Technology of Maine’s Resources,” is on display through March 21, at the Allen and Sally Fernald Art Gallery at the University of Maine Hutchinson Center in Belfast. The free public exhibit showcases photos from the archives of the Penobscot Marine Museum in Searsport, Maine, depicting unique and varied uses of wind energy. Maynard Bray, technical editor of “Wooden Boat Magazine,” captioned the photographs. The exhibit is open 9 a.m.–8 p.m. Monday through Friday; 9 a.m.–noon Saturday. The Hutchinson Center is on 80 Belmont Avenue.

Tamara Thomson: Racetrack Tester

17 Feb 2015

Tamara Thomson, a second-year mechanical engineering major with a minor in mathematics, has worked at the Racing Surfaces Testing Laboratory in Orono since her first year at UMaine. The Racing Surfaces Testing Laboratory is a nonprofit organization that performs testing of horse racing track surfaces for performance and safety, as well as compares a variety of surfaces used in the industry. The lab's executive director is Michael "Mick" Peterson, a mechanical engineering professor at UMaine. Thomson is one of the lab's primary testers, who has traveled to conduct on-site testing of tracks. She also contributes through training and writing. She was first author of a bulletin written at the lab titled "Predicting Horse Performance on Turf Using Three Commercially Available Monitoring Tools." She performed all of the statistical analysis for the report. Thomson has also worked at Biologically Applied Engineering, a corporation organized by Peterson to provide engineering services for research in the biological, veterinary and natural sciences. Born in Brownsville, Texas, Thomson's family currently lives in Waite, Maine. She was the valedictorian of her class at Woodland High School in Baileyville, Maine; is a student in the Honors College; and is involved with the Society of Women Engineers (SWE).

Describe Racing Surfaces Testing Laboratory and the work you do there Working at Racing Surfaces Testing Laboratory has been an amazing experience. We perform analysis on samples sent from all over North America and the U.K. We look at composition, shear strength, cohesion, etc. and provide data to the tracks so they can better maintain their surfaces. It might sound mundane, but it's actually a relatively novel concept; testing of this sort is pretty new to racetrack managers, who have been operating simply with intuition and tradition for hundreds of years. With the information that the lab provides, we can tell the track managers things like how long it takes for their sand to break down and how their surfaces behave at different temperatures and moisture contents. All of this information helps fine-tune the track maintenance process and ultimately helps make racing safer for horses and jockeys. Our long-term goal is to create a database containing all the data we have collected over the years. When this goal is realized, comparing track surfaces will be a snap, and data will be easier than ever to analyze.

Describe the work you have done at Biologically Applied Engineering While Racing Surfaces handles the laboratory testing, Biologically Applied Engineering completes on-site testing. We use the Orono Biomechanical Surface Tester (OBST), which was designed and built by Mick Peterson and his colleagues, as well as ground penetrating radar (GPR) and time domain reflectometry (TDR) to get a better idea of the surfaces' characteristics during racing. This past summer, I traveled to Illinois, New York, Kentucky, Ohio and Florida to work on-site. As expected, I learned so much about the mechanics of granular materials, but I also learned a lot about the politics of the racing industry and communication in general.

Why UMaine? UMaine is the best engineering school in the state, and out-of-state schools are a touch beyond my budget.

Why engineering? When I was a kid, I decided I would be a wildlife zoologist. Allergies to basically everything outside culled that dream, and I devised a new life plan through the process of elimination. I knew I needed to find something fascinating that would allow me to secure a job and be financially stable. I don't like hospitals, and I'm not a great orator, so I ruled out medicine and law. Engineering was a big category that was left, and it was really the only one that seemed interesting. I picked mechanical engineering because it is the most versatile. From here, I could go on to almost anything. I'm so pleased with my choice. I have found that I fit in well with the students in my classes, I'm challenged and interested in the curriculum, and I'm very excited to graduate into the field of engineering.

What are your plans for after graduation? As a student, I haven't had the opportunity to see all the options that are available yet. I think my best course is to find a job in the engineering field and take some time deciding what I want to focus on before going to graduate school.

What difference has UMaine made in your life and in helping you reach your goals? UMaine is the institution through which I am learning the skills I will need to support myself for the rest of my life. Beyond that, it's been a safe place to grow up and figure out how to be an adult. I've made a lot of friends that I think will remain close for a long time. It's definitely the college of my heart always.

UMaine Cyber Defense Team to Compete in Regional Contest

18 Feb 2015

The University of Maine Cyber Defense Team has advanced to a regional competition at Syracuse University in March. Members of the team will compete at the annual Northeast Collegiate Cyber Defense Competition March 20–22. The team earned its spot in the contest after placing fifth in a preliminary competition with 13 other schools that was held in January. According to the National Collegiate Cyber Defense Competition, the contest simulates security operations for a small company. Teams must quickly familiarize themselves with network systems and software before beginning to defend against attacks while also providing customer service to users. Team members participating in the contest include Theodore Farnsworth, John Woodill, Mitchell Vezina, Gregory Antonellis and Alexander French. George Markowsky, professor of computer science at UMaine, is the team's faculty adviser. Follow the team during the contest

on Twitter [@CybersecLab](#). More information on the competition is [online](#).

UMaine Working With Information Security, Law Enforcement on Theft of Computer Containing Student Roster Data

18 Feb 2015

A University of Maine laptop computer and media card used by a faculty member were stolen from a checked bag on an airline flight earlier this month, potentially exposing the personal information of 941 students enrolled in physics courses dating to 1999. University of Maine System General Counsel has notified the Office of the Maine Attorney General of the information breach, as required under the state's Notice of Risk to Personal Data Act. Feb. 10, the laptop and media card were reported stolen from a checked bag on a flight from Seattle to Boston. The loss was reported to the airline and Massachusetts State Police. As of Feb. 18, there has been no indication that the data has been used. The laptop and media card contained student roster data. The records of 604 students enrolled from 1999 to 2007 included names, Social Security numbers, phone numbers, email addresses, grade data and course information. Records for 337 students enrolled from 2000 to 2014 included names, and course name and year. The 604 whose records included Social Security numbers will be offered one year of free identity protection. Those services, to be provided by Experian Information Solutions at UMaine's expense, include credit monitoring, alerts regarding credit changes and identity theft insurance. Contact: Margaret Nagle, 207.581.3745

Activities Slated for Weeklong UMaine Winter Carnival

18 Feb 2015

Several activities are planned as part of the University of Maine's annual Winter Carnival from Feb. 17–22. The event is open to all UMaine students. Activities will take place throughout campus and include a Mardi Gras celebration in the Memorial Union; a snowman building contest, sledding and fire pit with s'mores and hot cocoa on the Mall; a snowball tournament at the tennis courts; and men's and women's hockey games at Alfond Arena. For more information or a complete schedule, contact the Office of Campus Activities and Student Engagement (CASE) at 581.1736.

UMaine Extension Farming Course for Veterans Previewed in Maine Edge

18 Feb 2015

[The Maine Edge](#) published a University of Maine news release about the University of Maine Cooperative Extension's farming course for military veterans. "So You Want to Farm in Maine?" begins March 17, at University of Maine at Augusta. Extension educators Tori Jackson and Caragh Fitzgerald, along with other area experts will teach the course, which will be held six consecutive Tuesdays. The class is designed for farmers and those who want to operate a farm. It will cover knowledge and skills necessary to start, adapt and maintain a profitable land-based business.

Mitchell Quoted in Morning Sentinel Article on Skowhegan Mascot

18 Feb 2015

John Bear Mitchell, Wabanaki Center Outreach and Student Development Coordinator at the University of Maine and University of Maine System Native American Waiver Coordinator, was quoted in a [Morning Sentinel](#) article about Penobscot organizers who want Skowhegan schools to stop using the Indian image as a sports mascot. Representatives of the state's Wabanaki — the four tribes that make up Maine's Indian population — said they want a planning session with school officials before they agree to a larger community discussion, according to the article. The officials said resistance to the change from the Skowhegan community comes from a misunderstanding of what the image means to the tribes. Mitchell, who has helped set a structure and rules for such a meeting, said "using Native Americans along with the associated images as mascots, logos and nicknames does the opposite of honor."

Maine Edge Advances International Dance Festival

18 Feb 2015

[The Maine Edge](#) published a University of Maine news release announcing the 11th annual International Dance Festival Feb. 21 at the Collins Center for the Arts. The performances, which are free and open to the public, will take place at 2 and 7 p.m. The event will feature performances by dancers from more than a dozen regions around the world including Vietnam, Brazil, India and the Caribbean. The festival is organized by the Office of International Programs and the International Student Association.

Comins Guest on MPBN's 'Maine Calling' Radio Show

18 Feb 2015

Neil Comins, a University of Maine professor of physics and astronomy, was a recent guest on the [Maine Public Broadcasting Network](#)'s "Maine Calling" radio show. The show, titled "The latest news from outside our planet," focused on updates from NASA and beyond.

UMaine Animal Health Lab Cited in WGME Report on Maine Moose Population

18 Feb 2015

The University of Maine's Animal Health Laboratory was mentioned in the WGME (Channel 13 in Portland) report, "Maine moose numbers down, biologists tag and study population." According to the report, there are nearly 60,000 moose in Maine, which is down from 75,000 three years ago. State biologists are monitoring the health of moose in order to determine why the population is declining. Lee Kantor, a moose biologist with Maine Inland Fisheries and Wildlife, said one of the biggest threats to moose is the winter tick. Kantor said when a dead moose is discovered, a full necropsy is done at UMaine's Animal Health Laboratory to determine the cause of death.

Press Herald Quotes Xue in Article on Portland Harbor's Icy Buildup

18 Feb 2015

Huijie Xue, an oceanography professor at the University of Maine, was quoted in a [Portland Press Herald](#) article about Portland Harbor's icy buildup and the problems it creates for sea travel. Portland is normally an ice-free port because the Gulf of Maine has strong tides, according to the article. Xue said the tides mix the water column and bring deeper, warmer water to the surface along the coast. The tidal river carries little fresh water into the harbor during the winter, making the salt content in harbor water similar to that in the ocean. But recent heavy snowfalls have brought more fresh water into the harbor, making it more likely to freeze, the article states.

Bayer Interviewed for MPBN Report on Increased Maine Lobster Sales in China

18 Feb 2015

Bob Bayer, executive director of the Lobster Institute at the University of Maine, spoke to the [Maine Public Broadcasting Network](#) for a report about how China's rising middle class and Maine lobsters' relatively low prices are creating a rise in American lobster sales in China. Although China buys lobsters from other countries, Bayer said the price of American lobster is competitive. "The primary competition in Asia in general is lobster from Australia and New Zealand, which has always been priced much, much higher than American lobster," Bayer said. "So we're able to compete on price, big time." [FIS](#), the website of Fish Information & Services, cited the MPBN report.

University Singers to Perform Spring Tour Around State

19 Feb 2015

The University of Maine's University Singers will perform several free concerts around central and northern Maine in March as part of the choir's annual spring tour. Under the direction of Francis Vogt, a School of Performing Arts faculty

member, the group of about 60 singers will perform evening shows at middle and high schools and a church before ending the tour with two performances on campus. The tour kicks off at 7:30 p.m. March 9 at Stearns High School in Millinocket. Other free concerts are 7 p.m. March 10 at Presque Isle Middle School, 7 p.m. March 11 at Madawaska Middle-High School, 7:30 p.m. March 13 at Oxford Hills Comprehensive High School in South Paris, and 7 p.m. March 14 at South Parish Congregational Church in Augusta. The choir ends the tour with two performances at Minsky Recital Hall on the UMaine campus in Orono at 7:30 p.m. March 21 and 2 p.m. March 22. Tickets for the Orono shows are \$9, or free with a valid student MaineCard. Tickets are available at the Collins Center box office by calling 581.1755. The University Singers is an advanced concert choir with members from a variety of disciplines across campus. Every four years, the Singers perform abroad; in 2012, the group sang in Switzerland, Italy and Austria. Auditions are held each fall. A complete tour schedule is online. For more information, or to request a disability accommodation, call 581.1755 or visit the group's [Facebook](#) page.

Sheep Shearing Schools Slated for Spring

19 Feb 2015

The Maine Sheep Breeders Association and University of Maine Cooperative Extension will offer three sheep shearing schools in March and April, designed for people with different levels of experience. Four instructors will teach beginner sheep shearing from 9 a.m. to 3 p.m. Saturday, March 7, at Wolfe's Neck Farm, 184 Burnett Road, Freeport, Maine. The \$40 per person fee includes a shearing manual and lunch. Enrollment is limited to 16. Spectators are welcome. Kevin Ford teaches a two-day blade shearing school 1–4 p.m. Friday, April 17 and 8 a.m.–3 p.m. Saturday, April 18, at Sabbathday Lake Shaker Village, 707 Shaker Road, New Gloucester, Maine. The \$120 per person fee includes a shearing manual and lunch each day. Participants will be taught to set up, sharpen and use hand shears. Enrollment is limited to 10; previous sheep-shearing experience is recommended. Shears will be available for purchase. Spectators are welcome. Gwen Hinman will instruct intermediate-level sheep shearing from 8 a.m. to 4 p.m. Sunday, April 26, at Meadowcroft Farm, 45 Hopkins Road, Washington, Maine. This school is designed for participants to improve their shearing skills; attendees should bring their own shears. The \$85 per person fee includes a shearing manual and lunch. Enrollment is limited to six. Beginner- and intermediate-level schools use a conventional shearing method with handheld electric shears. The blade shearing school uses nonelectric hand shears or blades. Register online. For more information, or to request a disability accommodation, call Andrea Herr, 207.781.6099, 800.287.1471 (in Maine).

Media Report on Theft of Laptop Containing Student Roster Data

19 Feb 2015

The Associated Press, [Maine Public Broadcasting Network](#), [Portland Press Herald](#) and [Bangor Daily News](#) were among several news organizations to report the University of Maine is working with information security and law enforcement on the theft of a laptop containing student roster data. A UMaine laptop computer and media card used by a faculty member were stolen from a checked bag on an airline flight earlier this month, potentially exposing the personal information of 941 students enrolled in physics courses dating to 1999. The records of 604 students enrolled from 1999 to 2007 included names, Social Security numbers, phone numbers, email addresses, grade data and course information. Records for 337 students enrolled from 2000 to 2014 included names, and course name and year. As of Feb. 18, there has been no indication that the data has been used. [The Boston Globe](#) and [WLBZ](#) (Channel 2) carried the AP report.

Republic Journal Advances Rural Living Day

19 Feb 2015

[The Republican Journal](#) reported the University of Maine Cooperative Extension and the Waldo County Extension Association are hosting the 21st annual Rural Living Day on March 21 in Thorndike. Classes will be available throughout the day on a variety of topics including farming with horses, starting a home-based food business, solar energy, soil biology and preserving the harvest using dehydration. Workshops for children also will be available and will focus on rocket building, gardening and taste testing. More about Rural Living Day is [online](#).

Maine Edge Reviews School of Performing Arts Production of ‘Love’s Labour’s Lost’

19 Feb 2015

[The Maine Edge](#) published a review of the University of Maine School of Performing Arts production of William Shakespeare’s “Love’s Labour’s Lost.” The review calls the play “an ambitious choice — and a largely successful one.” Remaining performances of the show are scheduled for noon Feb. 19, 7:30 p.m. Feb. 20–21 and 2 p.m. Feb. 22 in Hauck Auditorium.

MPBN Reports on First Black Bear Marathon

19 Feb 2015

The [Maine Public Broadcasting Network](#) reported about 250 participants have already signed up for the University of Maine’s inaugural full and half marathon this summer. Race organizer Lauri Sidelko said they’re hoping to attract more than 1,000 runners to the Black Bear Marathon on June 21. She said there are spots available for 800 runners on the 13.1-mile course and 400 participants for the full 26.2-mile course.

CPR Demonstrations to be Held at Men’s Ice Hockey Game Feb. 21

20 Feb 2015

The University of Maine Training and Safety (UMTS) organization will demonstrate hands-only CPR during the UMaine men’s ice hockey game against Northeastern on Feb. 21. The goal of the student-run group, which operates as part of University Volunteer Ambulance Corps, is to train 1,000 people in hands-only CPR this year. The group is halfway to meeting its goal. Hockey fans can help by visiting the UMTS table in the Alford Arena’s main lobby during the game, where instructors will offer free 30-second sessions. Trainers also will offer instruction in the use of an automated external defibrillator (AED) on a manikin. Those who perform hands-only CPR Saturday night will be entered into a drawing for a Friends of Maine Hockey gift basket filled with UMaine hockey items and will receive \$5 off a Heartsaver certification course.

Learn to Protect Poultry from Disease at Free Seminar

20 Feb 2015

University of Maine Cooperative Extension will offer a free seminar about protecting poultry from disease 10 a.m.–noon Saturday, March 14, at the UMaine Extension Penobscot County office, 307 Maine Ave., Bangor. Information for current and future backyard poultry keepers will include backyard biosecurity, recognizing diseases and National Poultry Improvement Plan participation. For more information and to preregister, contact Melissa Freeman, 207.287.6564, melissa.freeman@maine.gov. To request a disability accommodation, call 207.942.7396, 800.287.1485 (in Maine). Seminar sponsors are UMaine Extension, as well as the Maine Organic Farmers and Gardeners Association and the Maine Department of Agriculture, Conservation and Forestry Division of Animal and Plant Health.

Republican Journal Previews Archival Photo Exhibit at UMaine’s Hutchinson Center

20 Feb 2015

[The Republican Journal](#) reported a photography exhibition, “Fish, Wind and Tide: Art and Technology of Maine’s Resources,” is on display through March 21, at the Allen and Sally Fernald Art Gallery at the University of Maine Hutchinson Center in Belfast. The free public exhibit showcases photos depicting unique and varied uses of wind energy from the archives of the Penobscot Marine Museum in Searsport. Maynard Bray, technical editor of “Wooden Boat Magazine,” captioned the photographs.

Performer Cites UMaine Music Camps in BDN Interview

20 Feb 2015

The [Bangor Daily News](#) interviewed Maine native and musical theater actor Scott Moreau ahead of his performance at the Cross Insurance Center on Feb. 22, as part of the Broadway's Best in Bangor series. Moreau plays the role of Johnny Cash in the touring production of "Million Dollar Quartet." Moreau, who is a Litchfield native and 1997 graduate of Winthrop High School, spoke about his memories of Maine Summer Youth Music camps at the University of Maine. "The thing that really got me hooked was the Maine Summer Youth Music camps at UMaine, which I did all through high school," he said. "Spending two weeks being immersed in choir and band and musical theater definitely gave me the bug. I wanted to be surrounded by like-minded people in an arts community."

UMaine Extension Cited in Sun Journal Article on Portland Flower Show

20 Feb 2015

The University of Maine Cooperative Extension was mentioned in a Sun Journal article advancing the Portland Flower Show that runs March 5–9. It is one of the last remaining judged flower shows of its kind in northern New England, according to a show organizer. The show's 13 exhibitors will interpret the theme "Storybook Gardens" in their displays, the article states. During the event, gardening experts from the UMaine Extension Master Gardener's program will manage a Children's Discovery Garden. The UMaine Extension garden also was cited in a [Portland Press Herald](#) article about the show.

BDN Interviews Lichtenwalner About Human Relationships with Wild Animals

20 Feb 2015

Anne Lichtenwalner, a professor and Extension veterinarian at the University of Maine and director of UMaine's Animal Health Laboratory, was quoted in the [Bangor Daily News](#) article, "Maine Wildlife Park staff say humans' relationship with wild animals requires delicate balance." Staff at the park in Gray, which is run by the Maine Department of Inland Fisheries and Wildlife, care for the animals while educating the public about the animals' needs and instincts, according to the article. Lichtenwalner said park staff can eliminate humanizing wild animals by avoiding eye contact, acting dominant and feeding the animals without letting them know humans are nearby. She said recognizing an animal's "wild side" is difficult for people to grasp because of what she calls the "Disney" effect. "We don't even recognize each other's autonomy, so it's very natural that we make assumptions about animals and their choices that are reflective of how we think about our daily lives," Lichtenwalner said.

Carlson Speaks with MPBN About Maine AgrAbility Project

20 Feb 2015

Lani Carlson, Maine AgrAbility Project coordinator with the University of Maine Cooperative Extension, spoke with the Maine Public Broadcasting Network for a report about the program that assists farmers, loggers and fishermen with disabilities and chronic illnesses so they may remain active in production agriculture. Maine is one of 23 states that takes part in the USDA-funded program, according to the report. In Maine, AgrAbility is a nonprofit partnership between UMaine Extension, Goodwill Industries of Northern New England and Alpha One. Carlson said the partners perform an on-site consultation and then determine an action plan. "So we essentially do that farmer-speak, where we come out and we understand agriculture, and then the other partners understand the body functions," she said. "So they understand what implementations need to be taken to keep the farmer farming."

Top Gun Program Focus of BDN Article, Radio Show

20 Feb 2015

Jesse Moriarity, coordinator of the University of Maine's Foster Center for Student Innovation, and Jennifer Hooper, entrepreneur and mentor coordinator at the Foster Center, were interviewed for a [Bangor Daily News](#) article about the Top Gun program they help manage. The Top Gun program is offered by Maine Center for Entrepreneurial

Development (MCED) and UMaine's Target Technology Incubator as part of the Blackstone Accelerates Growth initiative. Participants of the Top Gun entrepreneur accelerator program attend classes in Portland, Orono or Rockland and work with mentors who will help them apply what they have learned to accelerate growth. The program began in 2009 and has graduated 60 Maine companies to date, according to the article, which also quoted several of the program's alumni. "Common areas of interest are learning how to better market themselves, expand distribution, add a location, raise capital, hire employees, and balance their business with their life," Hooper said of companies in the program. The Top Gun program also will be the focus of Deb Neuman's "Back to Business" radio show 2 p.m. Feb. 22 on 103.9 and 101.3 FM, The Voice of Maine. The BDN also published an article featuring the three contestants of the next Big Gig pitch-off event Feb. 24 at Husson University in Bangor. The Big Gig is a network for innovators and entrepreneurs in the Orono, Old Town and Bangor areas that was started by a partnership between UMaine, Old Town, Orono and Husson University. It is supported by Blackstone Accelerates Growth. Event participants were preselected to deliver a three-minute elevator pitch about their business idea to a panel of judges and attendees. The winner will receive \$250 and have the opportunity to compete at the Big Gig Finale in April for a \$1,500 prize, the article states.

Birkel Speaks with BDN About When Penobscot Bay Froze

20 Feb 2015

Sean Birkel, the new Maine State Climatologist and a research assistant professor with the University of Maine Climate Change Institute, spoke with the [Bangor Daily News](#) for the article, "Old-timers still remember when Penobscot Bay froze." Birkel said the upper Penobscot Bay used to freeze once or twice a decade during the 1800s and until the early years of the 20th century. A long-lasting cold snap in 1915 caused the bay to freeze as far south as Rockland and as far east as Deer Isle, according to the article. Birkel said the frozen bay was hard for people who were used to having easy access to trade by ship. He added for the bay to freeze there has to be cold overlying air, and although this winter has brought a lot of snowfall, it hasn't been cold enough for long enough to freeze the bay. The Sun Journal also carried the BDN report.

2015 Presidential Award Nominations due March 20

20 Feb 2015

Nominations are being accepted for this year's Presidential Outstanding Teaching, Public Service Achievement, and Research and Creative Achievement Awards. Recipients will be honored at the Faculty Recognition Luncheon held between Commencement ceremonies on May 9. Deadline for completed nomination forms and materials is March 20. Nomination forms and award criteria are [online](#).

UMaine Extension Provides 'Cooking for Crowds' Training

23 Feb 2015

University of Maine Cooperative Extension will offer Cooking for Crowds, a food safety training workshop for volunteer cooks, 1–4:30 p.m. Wednesday, April 1, at UMaine Regional Learning Center, 75 Clearwater Drive, Suite 104, Falmouth. The workshop offers up-to-date information on how to safely handle, transport, store and prepare food for large groups, including at soup kitchens, church suppers, food pantries and community fundraisers. The class meets the Good Shepherd Food-Bank food safety training requirements. Cost is \$15 per person; scholarships are available. Register [online](#) by March 27. For more information, or to request a disability accommodation, call 207.781.6099, 800.287.1471 (in Maine). Additional sessions will be offered Thursday, April 16 and Tuesday, April 28 in Falmouth. Volunteer cooks who want to request a workshop can visit the [website](#), call 207.781.6099 or email extension.rlreception@maine.edu.

UMaine, Maine Development Foundation Release Report on Energy in State

23 Feb 2015

On Feb. 20, the Maine Development Foundation (MDF) and the University of Maine's School of Economics released

the fifth quarterly report analyzing critical economic indicators in Maine. The latest report, “Energy in Maine,” addresses the issues of cost, consumption and production of energy in the state. Improvements in efficiency and further diversification can give Maine people and businesses more options and greater flexibility to adjust to changing energy markets, according to the MDF news release. Mario Teisl, director of the UMaine School of Economics and professor of resource economics and policy, is overseeing the series of reports that further explore the economic indicators in “Measures of Growth in Focus,” an annual report issued by the Maine Economic Growth Council. The full “Energy in Maine” report is online.

Seymour Quoted in Free Press Article on Forestry, Overcutting

23 Feb 2015

Robert Seymour, the Curtis Hutchins Professor of Forest Resources at the University of Maine, was quoted in the [Free Press](#) article, “Maine’s top forestry expert debunks the claim that it’s good forestry to overcut for 20 years.” Seymour stated his opposition to the ramped up cutting by Bureau of Parks and Lands that aims to raise money by cutting more wood than the forest can grow for the next 20 years, according to the article. Seymour, who has advised the bureau on how to effectively manage the public forests since its formation three decades ago, said there is no scientific reason to overcut. He called the argument to cut trees before they die from invasive insects hysteria and said the push to cut more wood would only raise money in the short term. “If you need to do this to make money, just say it,” he said.

WVH Advances UMMA Exhibit, Gallery Talk

23 Feb 2015

WVH (Channel 7) and [The Maine Edge](#) previewed Dan Estabrook’s exhibit “King & Clown” at the University of Maine Museum of Art (UMMA) in downtown Bangor through March 21. The museum is offering Art @ Noon on March 4. The event is a free, informal gallery talk led by George Kinghorn, director and curator of UMMA, who will discuss Estabrook’s exhibit and selections from the permanent collection, according to the report. WVH and [The Republican Journal](#) also reported UMMA will offer free admission to the public in 2015 as the result of a gift from Penobscot Financial Advisors (PFA). “We are extremely appreciative of PFA’s support and its belief that visual arts and culture are a vital component of Bangor’s continued growth,” Kinghorn said.

WABI Covers Fraternity’s Fundraiser for Sexual Assault Response Services

23 Feb 2015

WABI (Channel 5) reported brothers of the University of Maine fraternity Beta Theta Pi held their 22nd annual sleep out to raise awareness and funds for sexual assault services. Members of the fraternity stayed outside from 6 p.m. Saturday until 6 a.m. Sunday. All proceeds from the event go toward Rape Response Services in Bangor, according to the report.

UMaine Student to Run Across Country for Cancer Awareness, WVH Reports

23 Feb 2015

WVH (Channel 7) and WLBZ (Channel 2) reported University of Maine student Marie Miller is planning to take part in this summer’s 4K for Cancer — a 4,000-mile team run from California to New York that aims to raise awareness of cancer and raise money for cancer research. Miller said she was inspired to make a difference after her grandfather died from the disease, according to the report. UMaine student [Matt Dexter](#) completed the run last year.

Socolow’s Broadcast Journalism Research Cited in Politico Article

23 Feb 2015

Research by Michael Socolow, an associate professor of communication and journalism at the University of Maine, was

cited in the [Politico](#) article, “Unsolicited advice for Lester Holt.” Holt is filling in as anchor of “The NBC Nightly News” while Brian Williams completes his six-month suspension, according to the article. Socolow’s journal [article](#), “‘We should make money on our news’: The problem of profitability in network broadcast journalism history,” was cited in the article. According to Socolow, “The NBC Nightly News” was the network’s second most profitable program in 1968. He also said former CBS News anchor Dan Rather’s ego and eccentricities were tolerated as long as his show led the ratings and continued to make profits, the article states.

Rubin Speaks About Maine Energy Report on George Hale, Ric Tyler Radio Show

23 Feb 2015

Jonathan Rubin, a professor of resource economics and policy at the University of Maine, was a guest on the George Hale, Ric Tyler Radio Show on WVOM, The Voice of Maine. Rubin spoke about “Energy in Maine,” a report released by the Maine Development Foundation (MDF) and the UMaine’s School of Economics. The study is the fifth quarterly report released by the organizations analyzing critical economic indicators in Maine. It addresses the issues of cost, consumption and production of energy in the state. WVII (Channel 7) and [Sun Journal](#) also reported on the study.

In Alga, Steneck and Team Reveal More Than a Century of Environmental Information

23 Feb 2015

University of Maine marine scientist Bob Steneck is part of an international team that has unlocked an underwater time capsule in the North Pacific that has been monitoring the climate for centuries. The time capsule is the long-living, slow-growing alga *Clathromorphum nereostratum* that creates massive reefs in shallow coastal regions of Alaska’s Aleutian archipelago. These solid calcium carbonate structures have fine growth rings — similar to tree growth rings — which Steneck says contain historical environmental information. The team used a cutting-edge microisotopic imaging technique to reconstruct 120 years of seasonal changes in ocean acidification (pH) in the region. The technique uses lasers to measure isotope ratios of the element boron at the scale of tenths of millimeters. The technique, Steneck says, provides researchers with a detailed historical timeline, including rate of ocean acidification both seasonally and over hundreds of years. The scientists learned that since the late 19th century, the ocean has been acidifying at a rate that corresponds with rising carbon dioxide levels in the atmosphere. “The next frontier is to determine millennial records so we get a better sense of what was normal for ocean acidification in cold water coastal zones,” Steneck says. The alga grows approximately 1 millimeter every three years, so plants collected last year that are nearly half-meter thick could easily be more than 1,000 years old, he says. “These and similar types of coralline algae are living in all oceans,” says lead researcher Jan Fietzke of the GEOMAR Helmholtz Centre for Ocean Research Kiel in Germany. “Thanks to laser ablation techniques, in the future we can use other samples to look much further back into the past...” In fact, UMaine postdoctoral associate Doug Rasher is currently in Scotland analyzing specimens that he and Steneck collected last year in Alaska. The team’s seasonal analyses also indicated strong variations of pH in each year. The researchers, who also hail from the United Kingdom and Canada, say the annual variation is likely due to large kelp forests in the region that consume large amounts of carbon dioxide in the spring and summer as they grow. The kelp forests then completely die back each winter. “In a sense, these ecosystems are breathing by inhaling CO₂ each summer and releasing it every winter,” says Steneck, who is based at the University of Maine Darling Marine Center in Walpole. Each year, more carbon dioxide enters the atmosphere, some of which is absorbed by the ocean as carbonic acid. This, in turn, decreases the pH and increases acidity of the ocean, say the researchers. Steneck says 90 percent of marine resource value in Maine involves shellfish, including lobsters, scallops, oysters and clams. Lobsters and other organisms depend on high pH to create limestone shells and it takes metabolic energy to make limestone. When the ocean is more acidic, the metabolic cost necessary to make shells increases, he says. Some energy that would normally be allocated to organisms’ immune systems could be compromised, possibly increasing their susceptibility to disease. Lobsters afflicted with shell disease increased fivefold between 2010 and 2012 in Maine; in southern New England during that time, scientists and lobstermen indicated that one in four lobsters caught was diseased. Steneck says being able to determine if acidification in a specific coastal area might be affected by extreme rainfall events or sewage treatment, for example, could help create more localized ocean management policy. To retrieve specimens for the research, Steneck dove in 34-degree water off the Aleutian Islands and used a jackhammer to cut off chunks of the *Clathromorphum nereostratum*. The chunks were loaded into cargo nets, airlifted to the surface, towed to the boat and lifted aboard with a crane. Onboard,

Steneck cut the chunks into pieces for research. A paper about the findings will be published Feb. 24 in the [Proceedings of the National Academy of Sciences](#) journal. Contact: Beth Staples, 207.581.3777

UMaine Extension Provides Tractor Safety Classes in Six Counties

24 Feb 2015

Farm tractor safety courses taught by University of Maine Cooperative Extension educators and area experts are scheduled in Cumberland, Kennebec, Knox, Lincoln, Somerset and Waldo counties. The multi-session courses are designed for new tractor drivers and are appropriate for adults and youth at least 13 years of age. In Somerset County, University of Maine Cooperative Extension, Kennebec County Farm Bureau and Hammond Tractor are sponsoring a five-session 4-H Tractor Safety Course beginning 6–8 p.m. Tuesday, March 31, at Hammond Tractor, 216 Center Road, Fairfield. Classes will be held consecutive Tuesdays; the final session April 28 will include a written exam and tractor-driving course. Instructors are Jeff Bragg, co-owner of Rainbow Valley Farm in Sidney; Neal Caverly, owner of Flood Brothers Farm in Clinton; Cliff Kramer, owner of Kramer's Inc. in Sidney; and Karen Hatch Gagne, UMaine Extension 4-H educator. Participants will be instructed how to safely handle tractors and equipment, to identify hazards and to minimize chances of accidents. It is open to interested adults and youth; priority will be given to youth 14–16. The course is required for 14- and 15-year-olds operating farm equipment for hire on farms other than their own. A federal Certificate of Training will be issued upon successful completion. Preregistration is required. For more information, or to request a disability accommodation or registration form, contact Gagne or Diana Hartley at 207.622.7546, 800.287.1481 (in Maine), karen.h.gagne@maine.edu or diana.hartley@maine.edu. Schedules and registration information for Cumberland, Kennebec, Knox, Lincoln and Waldo counties are [online](#). For more information or to request a disability accommodation, call 207.781.6099, 1.800.287.1471 (in Maine).

Judd to Speak as Part of Lecture Series in Belfast, Press Herald Reports

24 Feb 2015

The [Portland Press Herald](#) reported University of Maine historian Richard Judd will speak April 12 at Left Bank Books in Belfast as part of the Winter Lyceum lecture series. Judd, a Henry David Thoreau scholar, will speak about Thoreau as an environmental icon, according to the article. The free and informal talk begins at 3 p.m.

UMaine to Host National History Day Research Workshop, Weekly Reports

24 Feb 2015

[The Weekly](#) reported the University of Maine will host a National History Day (NHD) research workshop March 3 for middle and high school students who are interested in history. Students, along with parents and-or teachers, will meet with UMaine history faculty, graduate students and library staff to help advance their research. Students can come with a fully developed idea or seek help starting a project for the national competition that encourages independent research. Students who participate in NHD choose historical topics and conduct research related to the annual theme. Students present their work in the form of original papers, websites, exhibits, performances or documentary videos. Projects are evaluated by judges in a statewide competition, and state winners move on to the national contest in Washington, D.C. UMaine will host the Maine National History Day on March 28.

Working Waterfront Reports on Steneck's Alga Research

24 Feb 2015

[The Working Waterfront](#) published a University of Maine news release about marine scientist Bob Steneck's alga research. Steneck is part of an international team that unlocked an underwater time capsule in the North Pacific that has been monitoring the climate for centuries. The time capsule is the long-living, slow-growing alga *Clathromorphum nereostratum* that creates massive reefs in shallow coastal regions of Alaska's Aleutian archipelago. These solid calcium carbonate structures have fine growth rings — similar to tree growth rings — which Steneck says contain historical environmental information. The team used a cutting-edge microisotopic imaging technique to reconstruct 120

years of seasonal changes in ocean acidification (pH) in the region. [Foster's Daily Democrat](#), [The Maine Edge](#), [Phys.org](#), [The Weekly](#) and [Boothbay Register](#) also published the UMaine release.

Hutchinson Quoted in AP Article on Manure Management

24 Feb 2015

Mark Hutchinson, a University of Maine Cooperative Extension educator and professor, was interviewed for the Associated Press article, "How to manage animal manure." Organic and synthetic fertilizers are the most common way to add nutrients to the soil, but animal manure also works well if it can be transported and applied correctly, according to the article. "You're no longer going to apply fresh manure and two days later do your planting. Rather, you should apply it in the fall, let a cover crop grow and allow the manures to mature," Hutchinson said. "It's a food safety issue rather than a nutrient issue. We've all seen the outbreaks of E. coli over the past couple of years." Hutchinson also advised to use manure in moderation and to apply it just before a rain. ABC News and [Foster's Daily Democrat](#) ran the AP report.

Maine Home + Design Magazine Previews UMMA Warhol Exhibit

24 Feb 2015

An upcoming Andy Warhol exhibit at the University of Maine Museum of Art in downtown Bangor was advanced in Maine Home + Design Magazine. The museum owns more than 150 photographs, six screenprints and one stamp print created by the artist, according to the article. The pieces will be on display in Maine for the first time as part of the exhibit, "Andy Warhol: Photographs and Screenprints," which runs from April 3 until June 6. "Warhol was the leading figure of American Pop Art, and these works provide our visitors a greater understanding of this pivotal period in modern and contemporary art" said George Kinghorn, the museum's director and curator.

UMaine Cited in WVII Advance of Inaugural Maine Science Festival

25 Feb 2015

The University of Maine was mentioned in a WVII (Channel 7) report about the inaugural Maine Science Festival set for March 20–22 at the Cross Insurance Center in Bangor. The event aims to teach participants of all ages about science while bringing them together with Maine's science and technology experts, including UMaine. "The Maine Science Festival is our chance to let people know about the remarkable, world-leading research that happens every day in Maine," said Kate Dickerson, the festival's founder and director. "We are going to spend the weekend talking about all of the amazing work that is happening in Maine and beyond, done by innovative scientists who are leaders in their fields and who want to share their love of science to all."

Murphy to Speak at Food Security Forum in Wiscasset, Boothbay Register Reports

25 Feb 2015

Barbara Murphy, coordinator for the University of Maine Cooperative Extension's Harvest for Hunger program, is scheduled to speak at a food security forum in Wiscasset, according to the [Boothbay Register](#). "Local Food, Local Hunger" takes place March 7 and is open to the public. It is sponsored by the Morris Farm in Wiscasset, a working farm and education center that promotes sustainable agriculture and stewardship, and Chewonki, an environmental education organization that promotes sustainable living, according to the article. The forum will address the current state of food insecurity in Lincoln County among families, individuals, children and seniors, the article states.

New Cohen Institute Journal Featured on WVII

25 Feb 2015

WVII (Channel 7) reported on a new project created by the University of Maine's Cohen Institute for Leadership and

Public Service. [The Cohen Journal](#) provides UMaine students and alumni the opportunity to publish original research in a peer-reviewed journal. It will also highlight and promote the student research found at Maine's flagship university.

Blueberry Commission Director Cites UMaine Extension's 'Invaluable Service' in Press Herald Article

25 Feb 2015

Nancy McBrady, the new executive director of the Wild Blueberry Commission of Maine, spoke with the [Portland Press Herald](#) about her position, as well as the important role played by the University of Maine Cooperative Extension. McBrady, who is expected to help grow and advocate for Maine's wild blueberry industry, will work closely with UMaine Extension on research and development issues, according to the article. "The University of Maine and the Cooperative Extension are the backbone" of what the Wild Blueberry Commission of Maine does, providing an "invaluable service" in terms of scientific research, she said.

Media Cover UMaine's Birthday Celebrations in Orono, Augusta

25 Feb 2015

WABI (Channel 5) and WVII (Channel 7) reported on events held in Orono and Augusta in celebration of the University of Maine's 150th anniversary as the state's land grant university. Faculty, students and representatives from businesses that partner with UMaine had displays in the Hall of Flags in the State House while a proclamation declaring Feb. 24 as University of Maine Day was read. On that day in 1865, the Maine legislature passed a bill to create the state's land grant university. UMaine President Susan Hunter spoke to WVII in Augusta about the university's history and future, as well as planned events to mark the anniversary throughout the year. In Orono, the UMaine community marked the day with a birthday cake and the dedication of the Spirit Room, an exhibition paying tribute to the university's mascot, Bananas. "The University of Maine is a place for all people of the state of Maine, people nationally and across the world. This is a place where difference matters and we're making a difference so we're very excited about it," Robert Dana, UMaine's vice president for student life and dean of students, told WABI. The Augusta event also was mentioned in a [Bangor Daily News](#) political blog post.

New UMaine Extension Program to Facilitate Interaction Between K-12 Students, Scientists in the Field

25 Feb 2015

Connecting K-12 students in Maine and around the world with researchers in the field is the goal of a new program offered by the University of Maine Cooperative Extension with support from UMaine's Climate Change Institute (CCI) and the Maine 4-H Foundation. Follow a Researcher aims to give students a glimpse into a scientist's world by providing live expedition updates and facilitating communication between the youth and scientist. "Science isn't just white lab coats and pouring things into beakers," says Charles Rodda, a doctoral student at CCI and the program's first researcher. In his case, science means putting on crampons, scaling glaciers and drilling ice cores in Peru and Tajikistan to conduct research focused on abrupt climate change. In March, Rodda and fellow CCI graduate student Kit Hamley will travel to Peru to collect snow and ice from glaciers high in the Andes. During the summer, he will travel to Tajikistan to join an international team that will retrieve and research samples from the world's largest nonpolar glacier. While in the field, Rodda will interact with participating classrooms and students by sharing prerecorded weekly videos and live tweeting in response to questions. "We're interested to see what they're interested in," Rodda says. "We of course are focused on the science, but we're hiking in some of the most beautiful regions on Earth." To interact with students, Rodda will use the inReach Explorer, a global satellite communicator created by Maine-based company DeLorme. The tool allows him to text or tweet directly to students from the glacier. It also will track his movements and generate an online map so students can follow his trek in nearly real time. To document his journey, Rodda also will take several cameras, including a GoPro; a solar panel and battery pack to charge electronics; an iPad; satellite receiver; and memory cards. In advance of the weekly question-and-answer sessions, prerecorded videos of Rodda explaining aspects of the expedition and research will be released. The videos were created to spark discussion among students and are aligned with Next Generation Science Standards. Rodda, who has participated in several outreach events around the state as a UMaine Extension 4-H STEM Ambassador, says having a science-literate society is important and getting

students interested at an early age is essential. “I think that’s the time — middle and early high school — when students seem to decide if they’re going to be interested in science or not. There’s great research happening here at the University of Maine and we want to make sure students know about it,” he says. Multiple schools from around Maine, as well as schools in Iowa, Ohio, Rhode Island, Connecticut, Montana and North Carolina have already signed on to take part in the program, which is funded by the Maine 4-H Foundation. Rodda and Hamley plan to visit participating Maine classrooms after they return from Peru in April. In Peru, Rodda and Hamley will look at signals that have been captured in the ice during El Nino events, or warming in the waters of the equatorial Pacific. They hope to see what El Ninos look like in climate records to determine if those events may be a trigger that shifts the climate system in Central and South America from one phase to another. Rodda completed preliminary research in Peru in 2013. This summer in Tajikistan, Rodda will work with researchers from around the world to drill a long core that will be split among teams from the University of Idaho, Japan, France, Germany and Austria who will study a variety of the core’s characteristics. Rodda will focus on the ice’s chemistry makeup while others will focus on topics including physical measurements or biological signals, he says. In advance of Rodda’s Peru trip, youth in grades six through eight took part in a UMaine 4-H Science Saturday workshop where they were challenged with determining how to keep ice core samples frozen and intact for research. Students were given ice and materials and were tasked with designing a container that would keep ice frozen under a heat lamp for a specific amount of time. In reality, Rodda says bringing ice cores home from Peru is more like “Planes, Trains & Automobiles.” It involves horseback riding, long car rides, even longer airplane rides, and a lot of dry and blue ice, which he describes as heavy-duty freezer packs. “It’s a great way to get students on campus to sort of demystify the university and show them some of the cool stuff we do at the university and in the sciences,” Rodda says of 4-H Science Saturdays, which are offered by UMaine Extension. “Follow a Researcher is part of a big effort to connect youth in Maine with current university students. It may be the first time a youth has contact with someone who is going to college, or their first connection to a university,” says Laura Wilson, a 4-H science professional with UMaine Extension. “STEM Ambassadors are working in areas all over the state, from an after-school program in Washburn to programs offered in urban areas of Lewiston and Portland.” Organizers would like to continue Follow a Researcher after the pilot year, as well as expand it to other disciplines throughout the university. “By connecting youth to campus, we may be inspiring them to explore higher education, and perhaps come to UMaine in the future,” Wilson says. Teachers interested in following Rodda on his expeditions may call Jessica Brainerd at 800.287.0274 (in Maine), 581.3877; or email jessica.brainerd@maine.edu. More about Follow a Researcher is [online](#). Contact: Elyse Kahl, 207.581.3747

Rogers Writes Column for Times Higher Education

26 Feb 2015

[Times Higher Education](#) of London recently published the column, “The ABC of tolerance and the ‘alphabet community,’” by Deborah Rogers, an English professor at the University of Maine.

UMaine R&D Spending Statistics Mentioned in Mainebiz Article

26 Feb 2015

The University of Maine’s research and development spending for fiscal year 2013 was mentioned in the [Mainebiz](#) article, “As public funding for R&D slows, universities feel pinch.” University R&D spending increased by less than half a percent nationally in fiscal year 2013, according to National Science Foundation data. The University of Maine spent \$77.58 million in FY2013, down from \$92.14 million, and was ranked 161st nationally, according to the article. UMaine ranked 57th among all universities for money from the U.S. Department of Agriculture — at \$4.66 million — that went to life sciences, engineering and environmental sciences. UMaine also was ranked 102nd in funding from the Department of Energy at \$4.54 million, with funds going to engineering, life sciences and physical sciences. For involved personnel, UMaine had 1,782 people, with 347 of them being principal investigators, 25 post-doctoral students and the rest in the “others” category, the article states. The [Portland Press Herald](#) also ran the Mainebiz article.

Doctoral Student Guest on MPBN’s ‘Maine Calling’ Radio Show

26 Feb 2015

Anne Miller, a doctoral student at the University of Maine who has been an English teacher, library/media specialist and literacy specialist, was a recent guest on the [Maine Public Broadcasting Network](#)'s "Maine Calling" radio show. The show focused on Lois Lowry's "The Giver" as part of the Maine Calling Book Club.

Edith Patch Focus of Entomology Today Article

26 Feb 2015

Edith Patch, a major figure in entomology at the University of Maine from 1904–37, was featured in an [Entomology Today](#) article on famous female entomologists. Patch was the first female president of the Entomological Society of America, was the head of the Entomology Department at UMaine and published several works including "Food Plant Catalogue of the Aphids of the World," according to the article. "After being employed for more than 30 interesting and pleasant years as a research entomologist, I shall never discourage any capable young woman — with a real desire for the work — from preparing for it," Patch had said.

Shape Magazine Interviews Camire About Resistant Starch

26 Feb 2015

Mary Ellen Camire, University of Maine professor of food science and human nutrition, was quoted in a [Shape](#) magazine article about the health benefits of resistant starch. The starch is a carbohydrate with health benefits such as regulating blood sugar and acting as a probiotic, according to the article. Camire said resistant starch is a carbohydrate your body can't digest, and it behaves a lot like fiber, helping food move through your system. Resistant starch can be found in cooked and cooled rice, pasta and potatoes, as well as in beans, legumes and lentils, the article states.

Amber Rowley: Inspired by Psychology

26 Feb 2015

Amber Rowley, a third-year psychology major at the University of Maine, has received the Laurence A. Jones Jr. scholarship for the past two years. The scholarship was established in memory of Laurence A. Jones Jr., who graduated from UMaine with a psychology degree in 1992 and was killed while he was a graduate student at Johns Hopkins University. Jones' mother created the scholarship to be awarded to students who demonstrate excellence in psychology. In fall 2014, Rowley spoke at the annual memorial service to honor the life of Jones, which was held near the Laurence A. Jones Jr. memorial tree on campus. During the event, Jeffery Mills, president and CEO of the University of Maine Foundation, said he hopes through Rowley's studies and work in psychology, she will "continue on the living memory of Laurence." Rowley of Howland, Maine, also is pursuing a minor in sociology and expects to graduate in May 2016. Beyond academics, she is a supervisor at a clothing store in the Bangor Mall and is involved with her high school cheering squad. She helps the team prepare for upcoming competitions and even took classes to become a certified assistant coach. **Tell us about receiving the Laurence A. Jones Scholarship and speaking at the memorial ceremony** Receiving that scholarship — not once, but both years — was the most honorable thing I can say I've received since my time here at UMaine. Laurence's story was so inspiring, and he had such big dreams. I was so honored and grateful to participate in the memorial ceremony and personally give my thanks to his mother and tell her how much he has inspired me. Laurence's story will continue to be heard and he will continue to make a difference in people's lives through this scholarship. **Why did you choose to study psychology?** I chose to study psychology because I find people to be so interesting. Everyone is so unique and has their own story. In high school I joined an extracurricular peer helpers group my sophomore year, and I absolutely loved it. You were encouraged to introduce yourself to people you've never really talked to before; be a first friend to a new student; or maybe let someone who seems distraught know that if they ever want to talk, you are there for them. It inspired me to want to be the best person I could be and to make a difference in someone's life. After three years of studying it, I've never been more sure that this is what I want to do. **Why UMaine?** I chose UMaine because it has an amazing psychology degree program — one of the best in the state. It was close to home, and I grew up in a very small town, where some classes only had four people. Everyone knew everyone and I wanted something completely different. I love the large classrooms and the beautiful campus, the events that go on, and the energy that team UMaine brings. I love it here. **What difference has UMaine**

made in your life and in helping you reach your goals? I didn't know a thing about college, or the outside world, or where to even start when it came to deciding what I wanted to do. The idea of the real world made me nervous. I came from a small school, graduating with a class of 50 people. UMaine has given me the chance to experience and learn things with a large group of people and get that feel of being surrounded by large crowds, which will be a benefit for me in the future. Having to take gen-ed classes, I've been introduced to real-life topics that I would never have even thought about taking or had interest in taking if I had the choice. I didn't realize how subjects that you would think to be completely different to your major, actually tie in with it. I used to be the type of person that didn't pay attention to the news and headlines, especially ones that had to do with other countries. But through every class I have learned so much and notice things that I never would have thought twice about. It's just given me a whole new perspective on life and is eye opening to what is really happening in this world and the things that are being done about it. By taking these classes and by taking a class in each psychology focus, I was able to narrow what I wanted to do with a psychology degree, bringing me one step closer to my goal. At the moment, I want to concentrate on abnormal/social psychology and see what my options are and go from there. **What's your favorite place on campus?** My favorite place on campus, I actually found out about by taking a peace studies class. The professor assigned us to go to the peace garden right across from the Collins Center for the Arts. I didn't even know about that little hidden spot, but it's beautiful. **What are your plans for after graduation?** After graduation, I want to hopefully continue my education in grad school here at UMaine and eventually find my way to move toward a more urban area. I love big crowds and the city and hope to find somewhere in an area like that to pursue my career. I haven't decided whether or not I want to leave the state, but I'm very open to expanding my horizons.

Learn the Egg Business with UMaine Extension 4-H

27 Feb 2015

University of Maine Cooperative Extension is offering a one-year poultry egg business project to 4-H members ages 9–18 and their families. The statewide project is intended to generate income for participants and provide learning experiences in business, entrepreneurship, keeping records, documentation, problem-solving, food safety and animal husbandry. Participants will learn and follow state and local regulations for producing and selling poultry eggs. Regular support, including calculating the number of pullets (young hens) to order, will be provided via online webinars. Twelve-week-old Golden Comet chicks will be ordered from a local producer March 15; pullets will begin laying eggs this summer. Before pullets arrive, participants will draft a business plan and do a survey to determine the approximate number of eggs and hens needed to meet market demand. Participants also will build or secure a facility and equipment for the birds and track expenses, including the purchase of equipment, shavings and feed. Each flock requires at least 14 hours of light per day. Extension 4-H staff and agricultural specialists will provide training via webinar. Several in-person workshops — the first is Saturday, May 2 — will be centrally located. Limited financial assistance is available. More information and registration is [online](#). For more information, contact Jessica Brainerd, 581.3877, 800.287.0274 or jessica.brainerd@maine.edu. To participate, youth must be 4-H members in the county in which they live; interested people may contact their local Extension office for information about joining 4-H.

UMaine Places Highest Percent of Student-Athletes on America East Fall Academic Honor Roll

27 Feb 2015

The University of Maine had the highest percentage of its fall student-athletes named to the America East Fall Academic Honor Roll, released Feb. 26. The Black Bears had 59 student-athletes, or 77.6 percent, honored for their academic standing. UMaine led all America East field hockey schools, with 85 percent of the team honored for achieving a 3.0 grade point average or higher. The America East Conference released its 2014 fall academic honor roll with nearly two-thirds of all student-athletes receiving recognition. There were 694 student-athletes named to the America East Academic Honor Roll for achieving a 3.0 GPA or higher, with more than 400 student-athletes named to the America East Commissioner's Academic Honor Roll for achieving a 3.5 GPA or better. The full news release with a complete list of honorees is online.

UMaine Graduates, Student Mentioned in Mainebiz Article on Wiscasset Company

27 Feb 2015

Former and current students of the University of Maine were mentioned in a [Mainebiz](#) article about Wiscasset-based company Peregrine Turbine Technologies LLC. The business has developed an energy-efficient turbine and is raising the necessary capital to move forward, according to the article. The company also aims to create jobs in Maine and keep technology in the state. It has hired two recent graduates and an intern from the University of Maine, the article states. "All of our investors are told up front about the state of Maine objectives," said David Stapp, CEO and chief technology officer at Peregrine Turbine. "The technology stays here."

Fernandez, Koehler to Speak at MOFGA Climate Change Conference, Free Press Reports

27 Feb 2015

[The Free Press](#) reported the Maine Organic Farmers and Gardeners Association (MOFGA) will hold a "Farming in the Face of Climate Change" conference in Unity on March 7. Participants will hear about trends in Maine's weather patterns and how on-farm nutrient cycling can help farms build resilience, according to the article. Glen Koehler, a University of Maine Cooperative Extension professional, is scheduled to present "Recent Observations and 30-Year Forecast for Climate Change in Maine." Ivan Fernandez, a professor of soil science and forest resources at UMaine and a cooperating professor in the Climate Change Institute, will present "Maine's Climate Future: 2015 Update."

BDN Reports Glover, Students Conducting Research on UMaine Alumni in Bangor

27 Feb 2015

The [Bangor Daily News](#) reported University of Maine undergraduate students and Robert Glover, an assistant professor of political science and Honors, are conducting research in collaboration with the city of Bangor and city councilors. They are studying what makes recent graduates from UMaine settle within the greater Bangor area, according to the article. "This information will help decision makers in Bangor craft strategies to grow our community and keep more talented young people in our local communities," Glover wrote. UMaine alumni, or current students, who have settled in the Bangor area can complete a survey [online](#).

Birkel Quoted in Press Herald Article on Sea Level Rise off Maine

27 Feb 2015

Sean Birkel, a research assistant professor at the University of Maine's Climate Change Institute, was quoted in the [Portland Press Herald](#) article, "Ocean scientists report 'unprecedented' spike in sea level off Portland several years ago." Scientists at the University of Arizona, with help from the National Oceanic and Atmospheric Administration, found sea levels off Portland rose by 5 inches during 2009 and 2010 as a result of changes in ocean circulation that are tied to rising carbon dioxide levels in the atmosphere, according to the article. Birkel said he wasn't surprised by the rise, but it's not as alarming as it seems. "It's definitely a significant rise during a short interval, but our research has shown a lot of variability, or ups and downs, and that 2009-10 is likely a peak," he said. "But the overall trend is certainly that seas are rising. No one disputes that."

UMaine Report Updates Climate Challenges, Encourages Proactive Preparation

02 Mar 2015

Editor's note: The story was updated April 8, 2015. Continuing or accelerating warming of the atmosphere and ocean. Intense precipitation events. Rising sea levels. These are signs of climate change, and all of them are affecting Maine people, according to [Maine's Climate Future: 2015 Update](#), a new report from the University of Maine. Recent consequences include: a record number of reported Lyme disease cases; a white pine needle disease epidemic; erosion of beaches, farmland and roads; and a Gulf of Maine heat wave in 2012 that resulted in a glut of lobsters on the market and an ensuing price crash. "This report goes beyond global and national climate change assessments to what is happening in Maine," says one of the report's authors, Ivan Fernandez, a professor in the UMaine School of Forest

Resources, Climate Change Institute and School of Food and Agriculture. “We want to encourage cost-effective adaptation by citizens, businesses and communities in Maine using the best available information and tools. Being informed about how climate change affects the state is vital to developing cohesive plans to lessen its negative effects and capitalize on resulting opportunities.” The new report builds on the report *Maine’s Climate Future 2009*. In 2008, at the request of then-Gov. John Baldacci, the University of Maine Climate Change Institute began assessing climate-related changes in the state. More than 70 scientists contributed to that report. The 2015 update, say its authors, highlights researchers’ grasp of past, present and future trends of changing climate in Maine given their understanding and the accumulating evidence in 2015. It also provides examples of how Mainers, including community planners and business people, are adapting to existing realities and preparing for future expected changes. Noted in the 24-page report:

- Rockland’s mapped flood zone has been moved inland 100 feet.
- The city of Portland assigned \$2.7 million to elevate Bayside neighborhood streets two feet so building foundation heights would meet new insurance regulations that anticipate flooding and sea-level rise.
- The U.S. Department of Agriculture revised its Plant Hardiness Zone Maps because boundaries have shifted north by half a zone.
- Maine ski resort operators have signed the Climate Declaration to advocate for national action on climate change.

It’s important for stakeholders to continue proactive and preemptive preparation, say the report’s authors. “Mitigation is also important, even as we engage in adaptation, since little has been done to reduce the rise in greenhouse gas emissions,” Fernandez says. While the Northeast is experiencing a bitterly cold and snowy winter of 2015, the average temperature on the planet in 2014 was the warmest in 135 years of record keeping. Last year was the 38th consecutive year that Earth’s yearly temperature was above average, and nine of the 10 hottest years ever recorded have occurred since 2000. While it may not feel like it now, the average annual temperature in Maine has warmed about 3 degrees since 1895. Sean Birkel, Maine State Climatologist and a research assistant professor with the Climate Change Institute, analyzed Maine’s future climate using models from the Intergovernmental Panel on Climate Change (IPCC) — which account for both natural and human impacts. His findings indicate that by 2050, the annual temperature in Maine will rise another 1–3 degrees F. Also, Maine’s warm season — when the average daily temperature is above freezing — has increased by two weeks since 1914 and is expected to lengthen another two more weeks by 2050. The longer warm season, which now extends from mid-March to late November, has translated into longer growing seasons for farmers. In the future, it could mean the prime time to tap maple trees for sap will be in early February. Warming temperatures also have provided a more suitable environment for ticks and their hosts, resulting in the northward spread of Lyme disease in Maine. Reported cases of the bacterial infection hit an all-time high in the state in 2013, according to the Maine Center for Disease Control. The global climate system changes that have resulted in the temperature rise also have impacted the seasonal distribution and amount of precipitation in Maine. Since 1895, total annual precipitation in the state has increased by approximately six inches, or 13 percent; most increases occur in the summer and fall. Precipitation is expected to increase another 5–10 percent across Maine by 2050. Precipitation also has become more frequent and intense. In the last century, nine of 11 meteorological stations in Maine have registered the highest frequency of extreme events — defined for this analysis as two or more inches of rain or snow falling in a 24-hour period — in the last decade. In August 2014, a record-breaking 6.44 inches of rain flooded Portland streets. The downpour caused \$200,000 in damage to infrastructure in Brunswick, including culverts and roads. In May 2012, six inches of rain fell in Auburn in 24 hours. Due to erosion and nutrients flushing into Lake Auburn, an excessive algae bloom developed, oxygen levels plummeted and many trout died. The report’s authors say the warming ocean surface water, which puts more water vapor into the atmosphere, is one factor that fuels extreme precipitation events, including this winter’s record snowstorms. The report also points to adaptation efforts by agencies and communities in Maine that highlight the importance of communication and coordination regarding the climate change challenge. In 2013, Gov. Paul LePage established the Environmental and Energy Resources Working Group to develop a coordinated strategy to address climate change issues. The Maine Department of Environmental Protection’s report from that working group recommended greater coordination among state and federal agencies, nongovernmental organizations, Native American tribes, municipalities, researchers and UMaine to improve the state’s “ability to respond and adapt to changing physical conditions in the environment due to climatic influence.” In spring 2014, the UMaine School of Policy and International Affairs, the Maine National Guard and the U.S. Coast Guard co-hosted a conference that addressed political, military, economic and environmental challenges and opportunities related to diminished sea ice in the Arctic. And last fall, at a University of Maine Climate Change Institute conference, researchers unveiled online tools, including the Climate

Reanalyzer, to help community planners develop local solutions for specific consequences they are likely to experience. “The University of Maine is uniquely capable of exploring the challenges associated with climate change in our state through research, education and community engagement and the complex themes encompassed in climate change-related studies are closely aligned with the recently developed signature and emerging issues related to climate change and marine science,” says Paul Anderson, director of the Maine Sea Grant program, which helped produce the report. “Maine, the nation and the world stand at a crossroad imposed by our changing climate, but we have an amazing opportunity to reduce uncertainty about the future of climate and its impact and in so doing understand, address and deal with the challenge through rational and productive action,” says Paul Mayewski, director of the Climate Change Institute and another author of report. Other authors of the report are: Catherine Schmitt, communications director, Maine Sea Grant College Program at the University of Maine; Esperanza Stancioff, educator, University of Maine Cooperative Extension, Maine Sea Grant; Andrew Pershing, chief scientific officer, Gulf of Maine Research Institute; Joseph Kelley, professor, UMaine School of Earth and Climate Sciences, Climate Change Institute; Jeffrey Runge, research scientist, UMaine School of Marine Sciences, Gulf of Maine Research Institute; and George Jacobson, UMaine Professor Emeritus, Climate Change Institute, UMaine School of Biology and Ecology. Contact: Beth Staples, 207.581.3777

Cerahelix an East Coast Finalist in Google's Solve for X

02 Mar 2015

Susan MacKay of Cerahelix, a current tenant in the Target Technology Incubator in Orono, Maine, is one of the four finalists for the East Coast campaign of Google's Solve for X — one of 12 worldwide Solve for X events that feature technology “moonshots” addressing key global problems with innovative technology solutions. Cerahelix uses DNA to make ceramic coatings that filter contaminants 100 times smaller than a virus while using less energy than competing technologies. Initially, this technology is being used to treat highly contaminated water from fracking, currently a multibillion-dollar problem. Cerahelix has had the business and technical support of UMaine since its inception. Incorporated in 2011, Cerahelix employs five scientists and engineers, all of whom are UMaine graduates, including the project scientist who is an inventor on all five of the company's issued patents.

Local Food Promotion Grant-Writing Workshop Offered

02 Mar 2015

A grant-writing workshop designed for people interested in submitting federal applications for the Farmers Market and Local Food Promotion Program will be offered 9 a.m. to 3:30 p.m Monday, March 23, at Viles Arboretum, 153 Hospital St., Augusta. The training is free; registration is required by March 16. Lunch will be provided. Register online or contact Caragh Fitzgerald, 207.622.7546, cfitzgerald@maine.edu. For more information or to request a disability accommodation, call Fitzgerald, 800.287.148 (TTY 800.287.8957). University of Maine Cooperative Extension is conducting the workshop under the Agricultural Marketing Service Technical Assistance Project, in collaboration with the Maine Federation of Farmers Markets and the Northeast Regional Center for Rural Development, in partnership with the U.S. Department of Agriculture Agricultural Marketing Service and the National Institute for Food and Agriculture.

Explore Marine Science at 4-H Science Saturday

02 Mar 2015

Youth in grades 6–8 are invited to explore ocean waves and develop sensors at a UMaine 4-H Science Saturday workshop from 8:30 a.m. to 2:30 p.m. March 28 at Darling Marine Center, 193 Clarks Cove Road, Walpole. Participants will be introduced to sensors, learn how sensors are used in marine science applications and develop and test a light or temperature sensor. They will also explore shellfish aquaculture with a tour of an active oyster/mussel hatchery. Scheduled activities include water-quality sampling from the dock, viewing algae with a microscope and dissecting oysters. The \$5 fee includes the science program and lunch. Registration materials are available [online](#). Maximum enrollment is 15 and March 19 is the deadline to register. For more information, or to request a disability

accommodation, call Jessica Brainerd, 581.3877. The program is supported, in part, by the Maine 4-H Foundation Board of Trustees and a National Science Foundation award to Maine EPSCoR at the University of Maine.

Fogler Library's Archival Newspaper Resources Cited in BDN Column

02 Mar 2015

The University of Maine's Fogler Library was mentioned in a [Bangor Daily News](#) "Family Ties" column about old newspapers. "Speaking of old newspapers, there is a wonderful collection on microfilm in the microforms room on the first floor of Fogler Library at the University of Maine," the author wrote. Newspapers, vital records microfilms and U.S. Census microfilms are available for use anytime the library is open, including evenings and weekends. Newspapers on film range from the Bangor Daily News to the Piscataquis Observer to the London Times, the article states.

Follow a Researcher Program Featured on MPBN

02 Mar 2015

The Maine Public Broadcasting Network reported on the new Follow a Researcher program offered by the University of Maine Cooperative Extension with support from UMaine's Climate Change Institute (CCI) and the Maine 4-H Foundation. The program aims to give K-12 students a glimpse into a scientist's world by providing live expedition updates and facilitating communication between the youth and researcher. "The paper-pushing aspect is what I think gets represented. It's what youth think science is," said Charles Rodda, a doctoral student at CCI and the program's first researcher. While in the field, Rodda will interact with participating classrooms and students by sharing prerecorded weekly videos and live tweeting in response to questions. "It just gives youth a sense of how this research actually looks," said Laura Wilson, a 4-H science professional with UMaine Extension. The Maine Edge also carried a report about the program.

Press Herald Interviews Dill, Alyokhin About Insects in Winter

02 Mar 2015

Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, and Andrei Alyokhin, a professor of applied entomology at UMaine, spoke with the [Portland Press Herald](#) for an article about how Maine insects survive, and sometimes thrive, during the winter. Experts say some pests, including ticks, black flies and browntail moth caterpillars have acclimated well to harsh winters and deep snow, which acts as an insulating blanket against the frigid air, according to the article. "This really cold weather we've had, it would really be nasty to overwintering insects, but unfortunately, most of them are 3 feet under, fat and happy," Dill said. According to Alyokhin, cold winters are usually bad for insect mortality if the conditions — bare ground with prolonged cold — are right.

Steneck Talks with MPBN About Alga Research

02 Mar 2015

University of Maine marine scientist Bob Steneck spoke with the Maine Public Broadcasting Network about his recent alga research. Steneck is part of an international team studying arctic algae for answers about the world's changing oceans. The researchers say recent experiments conducted on algae growing in coral-like reefs in Alaskan waters indicate the ocean has been acidifying at a rate that corresponds with rising carbon dioxide levels in the atmosphere since the 19th century, according to the report. "The coralline alga can tell us something about ocean acidification, it can tell us about ocean composition. We're learning a lot about the changing ocean conditions over the last one to 200 years," said Steneck. The findings were published in the Proceedings of the National Academy of Sciences. Polar Field Services also published an article on Steneck's research.

Margaret Chase Smith Policy Center to Honor Barton Seaver

03 Mar 2015

Chef, author and sustainable food system expert Barton Seaver is being honored by the Margaret Chase Smith Policy Center (MCSPC) as a Distinguished Maine Policy Fellow at a reception at 4 p.m. Wednesday, March 18, at the University Club in Fogler Library at the University of Maine. This event, originally slated for Jan. 27, was rescheduled due to inclement weather. Seaver works collaboratively with industry and institution leaders, policymakers, media and conservationists and is a leading voice for sustainable food systems. The director of the Sustainable Seafood and Health Initiative at the Center for Health and the Global Environment at the Harvard School of Public Health spearheads initiatives to inform citizens about how menu and diet choices can promote healthier people, more secure food supplies and thriving communities. “Esquire” magazine’s 2009 Chef of the Year also is on a mission to restore people’s relationship with the ocean, the land, and with each other — through dinner. Seaver is both a National Geographic Society Fellow and the first Sustainability Fellow in Residence at the New England Aquarium, where he educates restaurant and culinary school staffs about sustainable seafood. In 2012, then-Secretary of State Hillary Clinton named Seaver to the United States Culinary Ambassador Corp. The March 18 event is co-sponsored by University of Maine Cooperative Extension, Maine Sea Grant College Program at the University of Maine, Maine EPSCoR at the University of Maine and the university’s School of Marine Sciences. The MCSPC, a nonpartisan, independent, research and public service unit of UMaine, brings Fellows to campus each semester to teach an undergraduate class, engage faculty in discussions about research and public policy, tour research projects and meet with UMaine administration and graduate students. By connecting Maine leaders with students and faculty, the program stimulates interest in state policy research and gives policymakers a better understanding of the value of the university.

Maine Edge Reports University Singers Spring Tour Dates

03 Mar 2015

[The Maine Edge](#) published a University of Maine news release announcing the University Singer’s spring tour. Under the direction of Francis Vogt, a School of Performing Arts faculty member, the group of about 60 singers will perform several free concerts around central and northern Maine in March as part of the choir’s annual spring tour. The tour kicks off March 9 at Stearns High School in Millinocket. Other free concerts are scheduled in Presque Isle, Madawaska, South Paris and Augusta. The tour ends with two performances at Minsky Recital Hall on the UMaine campus in Orono at 7:30 p.m. March 21 and 2 p.m. March 22. Tickets for the Orono shows are \$9, or free with a valid student *MaineCard*. Tickets are available at the Collins Center box office by calling 581.1755.

UMaine Extension’s Eat Well Program Seeking Volunteers, Ellsworth American Reports

03 Mar 2015

[The Ellsworth American](#) reported the University of Maine Cooperative Extension’s Eat Well Volunteers Program in Hancock County is recruiting volunteers for its second season. Participants will be trained to teach clients of food pantries and community meal sites about nutrition, food safety and preparation, and using fresh garden produce, according to the article. The hands-on volunteer training consists of six weekly sessions starting in April at the Hancock County Extension Office. The training fee is \$60, and partial scholarships and payment plans are available.

WVH Interviews Engineering Student About VEMI Lab Project

03 Mar 2015

Dustin Sleight, an engineering student at the University of Maine, spoke with WVH (Channel 7) about a research project he is raising funds for at UMaine’s Virtual Environment and Multimodal Interaction (VEMI) Laboratory. Sleight and other undergraduate students have started a [Kickstarter](#) campaign to aid the purchase of a virtual reality motion platform that would be used with other VEMI equipment, such as the driving simulator that calculates reaction time. “I think engineering in general, there’s an obligation to do something good for the community, good for an individual, good for the progress of humankind,” Sleight said. WABI (Channel 5) also reported on the project.

Mahon, Hastings Write Op-Ed for Press Herald

03 Mar 2015

John Mahon, the John M. Murphy Chair of International Business Policy and Strategy at the University of Maine, and Michael Hastings, director of UMaine's Office of Sponsored Programs, wrote an opinion piece for the [Portland Press Herald](#). The article is titled "Public university students should get two years of free tuition."

UMaine Climate Change Report Featured by MPBN, AP

03 Mar 2015

"[Maine's Climate Future: 2015 Update](#)," a new report from the University of Maine, was featured in stories by the Maine Public Broadcasting Network and the Associated Press. The report highlights the effects of climate change in Maine, such as intense precipitation events, warming temperatures in the atmosphere and ocean, and rising sea levels. Ivan Fernandez, a professor in the UMaine School of Forest Resources, Climate Change Institute and School of Food and Agriculture, is one of the report's authors. He said the next 35 years will likely bring as much change to the state's climate as the last 100. Fernandez said those changes included about three degrees in temperature warming, two weeks longer of a growing season and a sea level rise of about six-tenths of a foot, the AP reported. [Seacoast Online, I-95](#) (95.7 FM), WGME (Channel 13 in Portland) and WRAL-TV (in North Carolina) carried the AP article. A [Foster's Daily Democrat](#) article also cited the study.

UMaine Extension Offers Free Family Fun Cooking Class

04 Mar 2015

University of Maine Cooperative Extension and FoodCorps are offering a free cooking class for income-eligible families 5–6 p.m. Wednesdays, April 29–May 20 at the UMaine Extension Somerset County office, 7 County Drive, Skowhegan. The four-session class is designed for income-eligible families with children living at home. Parents will be taught how to prepare quick and easy main meals while youth make healthy snacks. Participants who complete the program will receive a cooking kit that includes recipes and kitchen tools. For more information, including questions about eligibility, as well as to register and request disability accommodations, call 207.474.9622 or email gail.cardarelli@maine.edu.

Annual Summer Camp Fair for Kids March 11

04 Mar 2015

More than 50 summer camps from around the state are expected to participate in the University of Maine's fourth annual Summer Camp Fair for Kids 4–7 p.m. March 11 in the New Balance Student Recreation Center on campus. Camp representatives will be on hand to provide information and answer questions about the available programming for children and teenagers. Formerly known as the Camp Bangor Fair and hosted by the United Way of Eastern Maine and associated with the Camp Bangor Program, the event typically attracts more than 500 visitors. Parents and children interested in local and regional summer camps are encouraged to attend. The fair is free and open to the public. All attendees will receive a free day pass to the New Balance Student Recreation Center. More information about the Summer Camp Fair for Kids is online. For questions or to request a disability accommodation, contact Lisa Carter at 581.1710, lisa.carter@umit.maine.edu.

Maine Edge Reports on UMaine Extension's Poultry Egg Business Project

04 Mar 2015

[The Maine Edge](#) published a University of Maine Cooperative Extension news release announcing a one-year poultry egg business project that it's offering to 4-H members ages 9–18 and their families. The statewide project is intended to generate income for participants and provide learning experiences in business, entrepreneurship, keeping records,

documentation, problem-solving, food safety and animal husbandry. Participants will learn and follow state and local regulations for producing and selling poultry eggs.

WVII Advances Free Family Cooking Class in Skowhegan

04 Mar 2015

WVII (Channel 7) reported the University of Maine Cooperative Extension and FoodCorps are offering a free cooking class for income-eligible families April 29–May 20 at the UMaine Extension Somerset County office in Skowhegan. The four-session class is designed for income-eligible families with children living at home. Parents will be taught how to prepare quick and easy meals while youth make healthy snacks. Participants who complete the program will receive a cooking kit that includes recipes and kitchen tools.

UMaine Study Cited in WABI Report on Proposed Hampden Waste Handling Facility

04 Mar 2015

WABI (Channel 5) reported the executive director of the Municipal Review Committee (MRC), a group representing the trash disposal needs of nearly 190 Maine towns, updated the Hampden Town Council on a proposed solid waste processing facility that will turn trash into biofuel. At the meeting, the MRC told councilors they reached an agreement with Maryland-based company Fiberight to build the facility, according to the report. Committee members also said they were pleased with the findings of a report by students from the University of Maine's Forest Bioproducts Research Institute (FBRI) led by Hemant Pendse, a UMaine professor who leads the FBRI research team focused on creating and commercializing new bioproducts. The team was tasked with studying Fiberight's operations to determine if its technology will work in the colder temperatures of Maine.

Palmer Quoted in Maine Center for Public Interest Reporting Article on State Constitution

04 Mar 2015

Kenneth Palmer, a professor emeritus of political science at the University of Maine, was quoted in the [Maine Center for Public Interest Reporting](#) article "History shows LePage faces uphill battle to change state constitution." According to the article, Gov. Paul LePage wants amendments to the Constitution of the State of Maine that would replace the secretary of state position with a lieutenant governor and get rid of the income tax. LePage also said he is considering proposing an amendment that would change the way the state elects its treasurer and attorney general, from election by the legislature to either a popular election or appointment by the governor, the article states. According to records at the Maine State Law and Legislative Reference Library, of the approximately 1,200 amendments proposed in the state's history, 172 have been approved by the legislature and voters. "I think the point is, the constitution reflects Maine culture, which is relatively moderate, doesn't like a lot of rapid change, but does want to keep things up to date," Palmer said. [Seacoast Online](#) and the [Bangor Daily News](#) carried the report.

Crittenden Writes BDN Op-Ed on Affordable Older Adult Housing

04 Mar 2015

The [Bangor Daily News](#) published the opinion piece, "Maine's older adults need affordable housing options" by Jennifer Crittenden, the fiscal and administrative officer of the University of Maine Center on Aging. Crittenden is a member of the Maine chapter of the Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members' columns appear in the BDN every other week.

2015 Maryann Hartman Award Recipients Announced

04 Mar 2015

Three Maine women and a teen who are leaders in social justice, community advocacy and cultural preservation will be

honored at the 29th annual Maryann Hartman Awards on March 24 at the University of Maine. This year's Maryann Hartman Award recipients are Maria Girouard of Orono for her advocacy for the preservation of the cultural heritage and rights of the Penobscot Nation; Deborah Thompson of Bangor for her work on recognizing and preserving the rich architectural history of Bangor; and Florence Reed of Surry, for her initiative in creating Sustainable Harvest International, connecting Maine to the global community. Girouard, Thompson and Reed join 88 distinguished Maine women who have been honored with Maryann Hartman Awards, named for the late UMaine associate professor of speech communication who was a renowned educator, feminist, scholar and humanist. Hartman Awards are given by UMaine's Women's, Gender, and Sexuality Studies Program to recognize Maine women for their inspirational achievements in the arts, politics, business, education, healthcare and community service. High school senior Nicole Maines of Portland will receive the Young Women's Social Justice Award. She is the 17th recipient of the award, begun in 2001 to recognize young women who have distinguished themselves through their dedication and contributions to justice and social change. The Maryann Hartman Awards Ceremony will be held 5:30–7:30 p.m., March 24 in UMaine's Buchanan Alumni House. This year, the free public event is part of Women's Leadership Week, a University of Maine 150th anniversary observance. For more information or to request a disability accommodation, call 207.581.1228. Short biographies of this year's award winners follow: **Maria Girouard** Maria Girouard, member of the Penobscot Nation, is an historian and environmental activist. She is the health and wellness coordinator for Wabanaki Health and Wellness, which serves all tribally enrolled Native Americans in Penobscot, Washington and Aroostook counties. Girouard also serves as a community organizer for the Penobscot Nation in the Maine-Wabanaki REACH, which is investigating and reporting on Wabanaki experiences with the Maine child welfare services. She is the former director of the Penobscot Nation's Department of Cultural and Historic Preservation. Girouard's activism work centers on water quality. **Deborah Thompson** Deborah Thompson has been a major force in the historic preservation movement in Maine for nearly 40 years. She was largely responsible for Bangor's Historic Preservation ordinance, which was the first in Maine. In the 1970s and 1980s, she conducted an extensive preservation survey of Bangor that still informs local and state preservation commissions. She has since conducted several other surveys throughout the state. She is the author of *Bangor, Maine, 1769–1914: An Architectural History* and edited *Maine Forms of American*. She is currently at work on a book about Bangor architect Wilfred Mansur with co-author Earl G. Shettleworth Jr., director of the Maine Historic Preservation Commission. **Florence Reed** Florence Reed is the founder of Sustainable Harvest International (SHI). In the early '90s, Reed worked in environmental conservation and sustainable agriculture as a Peace Corps volunteer in Panama, and launched SHI in 1997 in the basement of her parents' home. Today, the successful nonprofit dedicated to environmental conservation and alleviating poverty is found in three Central American countries. SHI provides farming families in Central America with the tools and resources to overcome poverty, and focuses on efforts to preserve tropical forests. **Nicole Maines** Nicole Maines of Portland has been actively involved in challenging gender norms in Maine and nationwide. Maines advocates for the equal rights of all members of the LGBT community. At age 13, she was instrumental in helping defeat a bill in Maine that would have limited transgender rights. She has also set legal precedent in protecting the rights of transgender people's use of public bathrooms and access to all school facilities, programs and extracurricular activities in a way that is consistent with their gender identity. Maines speaks nationwide about her personal experiences, and continues to advocate on behalf of transgender children and adults. Contact: Margaret Nagle, 207.581.3745

Doles Orchard farmer, Allagash Brewing toast AgrAbility

05 Mar 2015

For Nancy Bunting, farming hasn't always been a bowl of cherries. But it has included harvesting thousands of pounds of the sour fruit for Allagash Brewing Company to use in its beer. In honor of Bunting, the Portland brewer named its October 2014 limited edition copper-colored beer "Nancy." The sour red ale tastes like a medley of tart cherry, citrus and pie spice, according to Jeff Perkins, brewmaster at Allagash Brewing Company. Its aroma is described as a blend of cherries, bread crust and cinnamon. Bunting says she's blessed to work with Allagash and to be the namesake of a niche brew. For more than two decades, Bunting and her husband Earl have experienced both blessings and challenges associated with farming. They own [Doles Orchard](#), situated atop a ridge in Limington where guests pick their own fruit — including cherries, raspberries, peaches, plums, pears, strawberries, elderberries, blueberries and 25 varieties of apples — as well as go on hayrides and enjoy homemade pies and preserves. During off-seasons, Earl has worked in carpentry and Nancy has waitressed. The Buntings' relationship with Allagash began in 2010, when brewers at the Portland, Maine-based company inquired about purchasing their sour cherries to use making Coolship Cerise, a

traditional, Belgian-inspired spontaneously fermented beer. Since that time, the Buntings have supplied Rob Tod's company with more than 6,000 pounds of cherries that they picked, packed and delivered in wooden apple boxes that they built. Allagash brewers continued using the tart fruit in the Coolship Cerise releases. And they were so impressed with the quality of the cherries, they decided to build a beer around them. "Their fruit inspired us to brew 'Nancy,'" says Perkins. "Over the years, we've been honored to develop a relationship with Earl and Nancy and we have been so inspired by their approach to farming. Because the cherries were from them, it was appropriate to make reference to their farm." Bunting laughs recalling that Allagash initially proposed naming the distinctive brew after her husband. "Then they found out there already was a beer named Earl," she says light-heartedly. "I'm second fiddle to Earl." Allagash employees also were impressed with the rustic boxes in which the Buntings delivered the cherries and asked if they could manufacture crates to hold 24 bottles of beer. The couple has since sold nearly 6,000 of the stylish, practical containers to the company. "Selling beer in wood crates is traditional in Belgium," says Perkins. "We wanted to do something like that for our own beers sold at the brewery." Nancy says she enjoys the independence of being a farmer and developing niche markets — including homemade crates and boxes and slate coasters. While building boxes two years ago, Nancy severed four fingers in a table saw accident. Emergency room care, surgery and follow-up visits took a financial toll, as the Buntings didn't have health insurance. But they worked out a payment plan and Nancy devised ways to adapt and continue to work on the farm. "I'm still amazed at how much I can accomplish relatively hassle-free," she says, adding she has been humbled by the generosity and goodwill of family and friends. She's also been humbled by Allagash Brewing — which routinely gives back to the community by donating some of its profits to local organizations. When Allagash officials asked her which group she'd like a portion of Nancy's proceeds to be donated to, Bunting did some online research. Her daughter in California told her about AgrAbility — the nationwide U.S. Department of Agriculture-funded program established to assist farmers, ranchers and other agricultural workers and farm family members impacted by a limiting health condition. The Maine AgrAbility program is a nonprofit collaboration between University of Maine Cooperative Extension, Goodwill Industries of Northern New England and Alpha One. It assists farmers, fishermen and forest workers with challenges or limitations so they may continue to be productive and work safely — all of which Nancy could readily identify with. And the Buntings already had a solid connection with UMaine Extension. For years, Nancy and her husband have sought expert advice from UMaine Extension educators about farming topics — from garden pests to egg production. So Nancy asked Allagash officials to spread their generosity and good cheer to Maine AgrAbility. Maine AgrAbility program coordinator Lani Carlson says since the project formed in 2010, it has provided technical information to 247 farmers and conducted on-site assessments and recommendations for 75 others whose agricultural businesses include dairies, Christmas tree farms, vegetable stands and hay sales. Maine AgrAbility clientele, says Carlson, has included area farmers with chronic health impairments, post-traumatic stress disorder and traumatic brain injury, as well as with aging-related issues, including arthritis and hearing loss. To educate people about the program is a huge thing," Nancy says. "I'm happy to be getting the word out about this great program and all the ways it can help people." To date, Allagash Brewing Company has gifted nearly \$10,000 to the organization. "We are greatly honored to receive this gift," says Richard Brzozowski, director of the Maine AgrAbility program. "The money will help us in our mission to assist Maine farmers and growers who have chronic health issues or injuries to gain more control over their lives and to continue to farm successfully." Talk about a cherry on top. Contact: Beth Staples, 207.581.3777

Alternative Breaks Students Volunteer Throughout Country During March

05 Mar 2015

University of Maine students with Alternative Breaks, a student-lead organization that promotes community involvement, are spending their Spring Break volunteering throughout the United States. Since 1998, Alternative Breaks has been organizing trips for UMaine students to provide volunteer service to others. This year, the nonprofit is sending out seven volunteer groups of 11 students. The more than 70 students, along with faculty and graduate student trip advisers, are spending one week of Spring Break on volunteer work. One of the groups is traveling to Macon, Georgia to work with Rebuilding Macon, a volunteer organization that works with the community to rehabilitate the houses of low-income homeowners, particularly the elderly and disabled. While in Macon, the students plan to build two wheelchair ramps, paint two houses, repair two house ceilings and prepare six houses for painting, according to Rebuilding Macon. Other volunteer locations in March:

- Frankie's World day care center in Philadelphia, Pennsylvania

- Carolina Tiger Rescue in Pittsboro, North Carolina
- Friends of Rockaway community-based nonprofit in Far Rockaway, New York
- Sky Meadows State Park in Delaplane, Virginia
- Horse Creek Wildlife Sanctuary and Animal Refuge in Savannah, Tennessee
- Terence Cardinal Cooke Health Care Center on New York City

More information about Alternative Breaks is [online](#).

Academy-Award Winning Pixar Scientist to Speak at UMaine March 20

05 Mar 2015

The University of Maine College of Liberal Arts and Sciences and the 2015 Maine Science Festival will present a public talk by an Academy-Award winning computer scientist from Pixar Animation Studios on March 20. Tony DeRose, a senior scientist and lead of the Research Group at Pixar, will give the free public talk, “Recent Research at Pixar,” 3:10 p.m. in Bennett Hall, Room 137 on the UMaine campus. DeRose will speak about how the computer animation film studio views research and problems, and how scientists interact with production. He will also highlight a few recent research projects at Pixar. While at UMaine, DeRose will meet with university students, faculty and staff; hear research presentations; tour several research facilities; and take part in a roundtable discussion on how the university can build collaborations in art, science, technology and engineering. For more information about DeRose’s public talk or to request a disability accommodation, contact Claire Sullivan at 581.1924 or claires@maine.edu. DeRose received his bachelor’s degree in physics from the University of California, Davis, and has a doctorate in computer science from the University of California, Berkeley. He was a computer science and engineering professor at the University of Washington from 1986 to 1995. In 1998, he contributed to the Academy-Award winning short film “Geri’s Game.” He also received the ACM SIGGRAPH Computer Graphics Achievement Award in 1999 and a Scientific and Technical Academy Award in 2006. The inaugural Maine Science Festival is set for March 20–22 at the Cross Insurance Center in Bangor. The event aims to teach participants of all ages about science while bringing them together with Maine’s science and technology experts, including UMaine. DeRose is the festival’s headliner and is scheduled to make the keynote address at 7:30 p.m. March 21. More about the Maine Science Festival is [online](#).

BDN Advances Sportsmen’s Show to be Held at UMaine

05 Mar 2015

The [Bangor Daily News](#) previewed the 77th Eastern Maine Sportsmen’s Show to be held at the University of Maine. The event will be held in the New Balance Field House Friday through Sunday, March 6–8. The Penobscot County Conservation Association event has raised hundreds of thousands of dollars that are given back to students studying conservation-oriented subjects at Maine colleges in the form of scholarships, according to the article. WABI (Channel 5) and WVII (Channel 7) also reported on the show.

Maine Edge Previews Emera Center’s March Star Shows

05 Mar 2015

[The Maine Edge](#) reported on scheduled public star shows for the month of March at the University of Maine’s Emera Astronomy Center. The Maynard F. Jordan Planetarium shows are held 7 p.m. Fridays and 2 p.m. Sundays. Friday nights in March feature “Undiscovered Worlds,” an exploration of the hundreds of planets orbiting stars beyond the sun. For younger sky watchers, Sunday afternoon shows introduce a medium-sized yellow star making his way through space in “Little Star that Could.” Admission to all shows is \$6, and seating is limited.

UMaine Student Featured in Schools.com Article on Nontraditional Students

05 Mar 2015

University of Maine mechanical engineering student Antonio Giacomuzzi was featured in the [Schools.com](#) article,

“College for nontraditional students: What’s different now.” Giacomuzzi is completing his junior year at UMaine while caring for his 7-year-old son, working three jobs and commuting an hour each way to campus, according to the article. “It’s a lot of work. It’s a lot of sleepless nights. You log a lot of hours, but I know in the end the reward is going to be so much more,” he said.

Tisher Co-Writes BDN Op-Ed on Changing Climate, Farming

05 Mar 2015

Sharon Tisher, a lecturer in the University of Maine’s School of Economics and Honors College, and Ted Quaday, executive director of the Maine Organic Farmers and Gardeners Association, wrote an opinion piece published by the [Bangor Daily News](#) titled “There’s no blueprint for farming in our ‘new normal’ climate.” The article mentions “[Maine’s Climate Future: 2015 Update](#),” a new UMaine report that highlights the effects of climate change in Maine, such as intense precipitation events, warming temperatures in the atmosphere and ocean, and rising sea levels.

Open Forums Scheduled for Finalists for Vice President for Enrollment Management

06 Mar 2015

Two finalists for the position of vice president for enrollment management at the University of Maine will be on campus for interviews and public presentations March 16 and March 20, according to Edward Ashworth, chair of the search committee and dean of the College of Natural Sciences, Forestry, and Agriculture. Christopher Connor, assistant dean for graduate enrollment management services and interim director of undergraduate admissions at the State University of New York at Buffalo, will give an open campus presentation 2–3 p.m., March 16, Bangor Room, Memorial Union. Thomas Taylor, most recently the vice president for enrollment, marketing and communications at Ball State University, will give an open campus presentation 1:30–2:30 p.m., March 20, Hill Auditorium, 165 Barrows Hall. A feedback form will be available online. Connor’s 20 years in higher education and enrollment management at SUNY Buffalo includes various positions in undergraduate admissions and the Graduate School, a full-service enrollment management operation in an academic department and functional leadership over a \$40 million PeopleSoft implementation. He received a bachelor’s degree in communication and psychology, and a master of education, both from SUNY Buffalo, and completed Ph.D. coursework. Taylor has spent his career in enrollment management at the University of Maryland, Baltimore County (UMBC) and Ball State University. At UMBC, he served as assistant provost for enrollment, where he oversaw undergraduate admissions, orientation, scholarships, financial aid, registration and records, academic advising and the learning resource center. At Ball State, he was responsible for undergraduate admissions, orientation, registration and academic progress, marketing, media relations, and communications. He served on the executive committees for UMBC’s PeopleSoft implementation and Ball State’s implementation of Banner. Taylor received a bachelor’s degree in English from Hamilton College and a master’s degree from Johns Hopkins University, focusing on Elizabethan literature.

UMaine Extension’s Free Garden Newsletter Available

06 Mar 2015

Home gardeners can subscribe to the free March edition of the University of Maine Cooperative Extension’s 2015 Maine Home Garden News [online](#). The newsletter, released monthly from March through October, is designed to equip beginning and experienced home gardeners with research-based information. Each issue includes a reminder list of timely actions in the garden and yard; articles on fruits, vegetables, flowers, lawn care, trees and shrubs; videos; and other informative resources. For more information, contact Lois Elwell, lois.elwell@maine.edu; 800.287.1471 (in Maine).

‘From Scratch’ Series Celebrates Fermented Foods

06 Mar 2015

University of Maine Cooperative Extension presents “Weird Maine Fermentables” in the Saturday, March 21

installment of the yearlong “From Scratch: Your Maine Kitchen” series. UMaine Extension educator Kathy Savoie and guest instructors will discuss fermented foods, including kefir, kombucha, tempeh and maple-sweetened goat milk yogurt, from 10 a.m. to 1 p.m. at the UMaine Extension Cumberland County office, 75 Clearwater Drive, Falmouth. They also will talk about equipment and the safety of fermentation, as well as demonstrate the process. In the fermentation process, natural bacteria feed on sugar and starch, creating lactic acid that preserves the food. A variety of fermented products from Thirty Acres Farm in Whitefield, Lalibela Farm in Bowdoinham and Urban Farm Fermentory in Portland will be available to sample. Cost is \$40; proceeds benefit the UMaine Extension Food and Nutrition Program in Cumberland County. Registration is online. For more details or to request a disability accommodation, contact 207.781.6099, 800.287.1471 (in Maine) or extension.rlreception@maine.edu.

Sun Journal Reports on Local Food Promotion Grant-Writing Workshop

06 Mar 2015

The [Sun Journal](#) reported on a grant-writing workshop in Augusta being offered by the University of Maine Cooperative Extension. The March 23 event is designed for people interested in submitting federal applications for the Farmers Market and Local Food Promotion Program. The training is free; online registration is required by March 16. UMaine Extension is conducting the workshop under the Agricultural Marketing Service Technical Assistance Project, in collaboration with the Maine Federation of Farmers Markets and the Northeast Regional Center for Rural Development, in partnership with the U.S. Department of Agriculture Agricultural Marketing Service and the National Institute for Food and Agriculture.

Morning Sentinel Quotes Mitchell in Article on School Mascot

06 Mar 2015

John Bear Mitchell, Wabanaki Center Outreach and Student Development Coordinator at the University of Maine and University of Maine System Native American Waiver Coordinator, was quoted in a [Morning Sentinel](#) article about the debate over the American Indian image Skowhegan schools are using as a sports mascot. The issue was discussed during a school board meeting that followed the superintendent’s talk with a former chief of the Penobscot Nation, according to the article. Mitchell, who has been involved in the debate, said people who support use of Indian images and nicknames for sports teams believe mascots aren’t racist because they themselves aren’t offended, and that “tradition” often is used to defend the mascots, the article states.

Climate Change Institute’s Arctic Research Cited in Press Herald Report

06 Mar 2015

The University of Maine’s Climate Change Institute (CCI) was mentioned in a [Portland Press Herald](#) article about Sen. Angus King partnering with Sen. Lisa Murkowski of Alaska to influence U.S. policies on Arctic issues. King and Murkowski announced the creation of an “Arctic Caucus” in the Senate, stating they believe the United States should be a leader in guiding international policy decisions that affect the Arctic, according to the article. The partnership shows that Maine for the first time wants to play a role in shaping U.S. policy on Arctic issues and that CCI has focused much of its research on the Arctic, the article states.

WABI Advances Summer Camp Fair at UMaine

06 Mar 2015

WABI (Channel 5) previewed the University of Maine’s fourth annual Summer Camp Fair to be held 4–7 p.m. March 11 in the New Balance Student Recreation Center on campus. Representatives from more than 50 summer camps will be on hand to provide information and answer questions about the available programming for children and teenagers. The fair is free and open to the public. All attendees will receive a free day pass to the New Balance Student Recreation

Center. More information about the Summer Camp Fair for Kids is online.

Gabe's Maple Industry Study Cited in Sun Journal Article

06 Mar 2015

University of Maine economist Todd Gabe's 2014 study on the maple industry's financial impact on the state was cited in the [Sun Journal](#) article "Unseasonable cold, deep snow hindering Maine maple syrup season start." According to Gabe's study, Maine's maple industry contributes an estimated \$27.7 million directly to the state's economy. The study also found the industry, which counts the licensed producers, and sales at retail food stores and businesses affected by Maine Maple Sunday, generates 567 full- and part-time jobs and \$17.3 million in labor income, the article states. Gabe's report also was mentioned in a [Foster's Daily Democrat](#) report, and [Mainebiz](#) cited the Sun Journal article.

Down East Magazine Interviews Redmond About Edible Seaweed

06 Mar 2015

Sarah Redmond, a marine extension associate with the Maine Sea Grant College Program at the University of Maine, was quoted in [Down East](#) magazine's article "Kelp: It's What's for Dinner," published in the March 2015 issue. Redmond said when most people think of seaweed, they picture plants that have been washed up on the beach. "There's just not a lot of awareness that we have all these amazing sea vegetables in our own backyard," she said. "What we're talking about are beautiful, healthy, living sea plants."

UMaine Athletic Training Student to Represent New England in National Competition

09 Mar 2015

University of Maine student Alicia Valente of New Gloucester, Maine will represent the New England Region at the National Athletic Trainers' Association Quiz Bowl in St. Louis, Missouri on June 25. Valente will compete against nine other teams of two, each representing a district of the National Athletic Trainers' Association. New England makes up District 1. Valente earned her spot in the national competition after participating in a regional contest during the 2015 Eastern Athletic Trainers' Association Convention. She competed against undergraduate and entry-level graduate students from several institutions including Springfield College and the University of Vermont. Valente came in second place in the regional contest, which secured her seat on the NATA Quiz Bowl District 1 team.

AHI Awarded \$657,000 to Develop Land-Based Aquafarm

09 Mar 2015

The National Science Foundation awarded \$657,000 to Acadia Harvest Inc. (AHI), which is working to achieve a commercial-scale, land-based, indoor Maine seafood farm with low to zero waste. AHI, which formed in 2011, has conducted collaborative research at the University of Maine Center for Cooperative Aquaculture Research (CCAR) in Franklin, to advance the technology of recirculating aquaculture systems (RAS) used to raise fish, including California yellowtail and black sea bass. The grant will enable AHI to increase the scale of its research project and to add new species for studies in an integrated saltwater system. The goal, says AHI officials, is to deliver fresh seafood from Maine to people throughout the U.S., perhaps by 2017–2018.

Everything Equine Focus of 4-H Science Saturday

09 Mar 2015

Youth in grades K–12 are invited to learn about horses with large animal veterinarians at a University of Maine 4-H Science Saturday workshop from 10 a.m. to 2 p.m. April 4 at the J.F. Witter Teaching and Research Center, 160 University Farm Road, Orono. Youth will learn to use stethoscopes on a model of a horse heart and learn to understand sounds as a basis for a physical exam, focusing on digestive, heart, percussion of feet and hoof sounds. Participants also

will learn about training a Standardbred for riding, conformation and judging. Anne Lichtenwalner, UMaine Extension veterinarian, and Robert Causey, associate professor, animal and veterinary sciences, will lead the workshop. The \$8 fee includes the program and lunch. Registration materials are [online](#). Maximum enrollment is 40; March 27 is the deadline to register. For more information, or to request a disability accommodation, contact Jessica Brainerd, 581.3877. The program is supported by the Maine 4-H Foundation.

Stack's Trade Show Talk Cited in Press Herald Maine Gardener Column

09 Mar 2015

Lois Berg Stack, an ornamental horticulture specialist with the University of Maine Cooperative Extension, spoke at the 2015 New England Grow trade show in Boston, according to the latest column in the [Portland Press Herald's](#) Maine Gardener series. Stack spoke about research she is conducting on what native plants are most beneficial to bees and how those plants could attract younger gardeners, according to the article. "Young people are not gardening, but they are concerned about the environment and concerned about bees," she said. "If we can get them to plant a little place for pollinators, there is huge potential."

CCI Grad Student Writes Op-Ed for BDN

09 Mar 2015

Tim Godaire, a graduate student in the University of Maine's Climate Change Institute, wrote an opinion piece for the [Bangor Daily News](#) titled "There's a better option than Keystone XL pipeline to create jobs." Godaire also is a member of the Bangor chapter of Citizens' Climate Lobby.

Garland Speaks with BDN About Community Gardens

09 Mar 2015

Kate Garland, a horticulturist with the University of Maine Cooperative Extension, was interviewed by the [Bangor Daily News](#) for an article about Maine's increase of community gardens. "I think it's due to the interest in locally sourced food but also knowing where your food comes from, and a lot of folks are realizing they don't have the resources they need in their backyard," Garland said of the increase. The article also included tips from UMaine Extension on how to organize a community garden.

Birkel, CCI Research Cited in Press Herald Article

09 Mar 2015

Sean Birkel, a research assistant professor at the University of Maine's Climate Change Institute (CCI), was quoted in a [Portland Press Herald](#) article about the Department of Homeland Security partnering with the state of Maine for the first study of the effects of climate change on energy, water, transportation and telecommunications systems. CCI has been researching the effects of climate change for more than a decade, according to the article. Birkel said the work that has been conducted in the last year will help communities better understand the challenges that lie ahead. "We know that climate boundary conditions are changing," he said. "We can't provide all the answers yet, though."

MPBN Advances UMaine Extension Sheep Shearing Schools

09 Mar 2015

The [Maine Public Broadcasting Network](#) reported on three sheep shearing schools offered by the Maine Sheep Breeders Association and University of Maine Cooperative Extension. The schools, which will be offered in March and April, are designed for people with different levels of experience. Richard Brzozowski, a small ruminant and poultry specialist with UMaine Extension, said as farming continues to grow, a shearing skills gap is starting to be noticed. "Everybody that has sheep wants to have good-quality wool or the highest quality wool they can," Brzozowski said. "And if the

shearer doesn't know what he or she is doing, they can mess up a nice fleece pretty quickly."

Orchard, Brewery Recognize AgrAbility Program, Foster's Daily Democrat Reports

09 Mar 2015

[Foster's Daily Democrat](#) published a University of Maine news release about Doles Orchard in Limington and Portland-based Allagash Brewing Co. donating money to Maine AgrAbility. Doles Orchard owners Nancy and Earl Bunting began working with Allagash in 2010 when brewers inquired about purchasing their sour cherries to use in a fermented beer. The farmers have since provided the company with more than 6,000 pounds of cherries, as well as custom-built wood crates to ship the beer. In honor of the Buntings, the brewery named its October 2014 limited edition beer "Nancy." When Allagash officials asked Nancy, who severed four fingers in a table saw accident two years ago, which group she'd like a portion of the beer's proceeds to be donated to, she did some online research. She stumbled upon AgrAbility — the nationwide U.S. Department of Agriculture-funded program established to assist farmers, ranchers and other agricultural workers and farm family members impacted by a limiting health condition. In Maine, the program is a nonprofit partnership between the University of Maine Cooperative Extension, Goodwill Industries of Northern New England and Alpha One. "To educate people about the program is a huge thing," Nancy said. "I'm happy to be getting the word out about this great program and all the ways it can help people." Allagash Brewing has gifted nearly \$10,000 to the organization.

Moran Previews Apple Season for Kennebec Journal

09 Mar 2015

Renae Moran, a tree fruit specialist with the University of Maine Cooperative Extension, gave her predictions on this year's apple season for the [Kennebec Journal](#) article "Maine's cold winter and slow-starting spring are good for apple crops, expert says." Moran said the colder and snowier winter has been good for apples, and she is "optimistic" about the season, which typically runs from August through October. She said the snow cover hasn't been deep enough to be a problem for apple trees across Maine, and temperatures have remained stable and freezing without often reaching dangerously low levels that could harm trees, according to the article. A forecasted slight rise in temperatures over the next couple weeks also will benefit the trees, Moran said. She did caution that the deep snow could crust in spring, which would harm trees by breaking off low-hanging branches. It "could be bad," she said, but it's too early to tell, the article states.

Boston Globe Interviews Grad Student About Ocean Acidity Research

09 Mar 2015

Jesica Waller, a University of Maine graduate student, spoke about her research with [The Boston Globe](#) for the article, "Rising acid levels in oceans imperil region's shellfish." National Oceanic and Atmospheric Administration scientists found a surge of carbon dioxide in the atmosphere from fossil fuels has made oceans on average 30 percent more acidic at the surface since the Industrial Revolution, and they predict oceans will become 150 percent more acidic by 2100, according to the article. Waller and researchers at Bigelow Laboratory for Ocean Sciences in East Boothbay are studying the effect of more acidic water on lobster larvae and copepods. Initial findings have shown a decline in respiration rates of the larvae and copepods in waters that simulate the chemistry of the oceans that scientists predict for the next century, the article states. Lower breathing rates could reduce swimming speeds, according to Waller. "That shows us some part of their physiology may be compromised, and that they may be experiencing internal stress," she said.

Brady Awarded Funds to Improve Water-Quality Model

10 Mar 2015

Damian Brady, assistant research professor in the School of Marine Sciences, has been awarded \$25,294 to improve a sediment model of the Chester River in Maryland in order to enhance the Chesapeake Bay Environmental Modeling

Package that is utilized to clean the bay. Water-quality models provide information about how much pollution — in the form of nutrients from wastewater treatment plants and inorganic fertilizers — it takes to create dead, or hypoxic, zones, in Chesapeake Bay. Brady says models are proficient at determining the relationship between pollution and ecosystem damage, but they're less proficient at predicting the impact of nutrient pollution on shallow water connected with sediment underneath. The University of Maryland is administering the funds from the U.S. Environmental Protection Agency. The project began in June 2014 and continues through May 2016.

UMaine Community Members to be Recognized for Lifesaving Efforts

10 Mar 2015

Craig Russell and Kristen Russell, two members of the University of Maine's event safety team in the Department of Safety and Environmental Management, will be among those honored as "Real Heroes" by the Pine Tree Chapter of the American Red Cross of Maine. The Real Heroes program recognizes "ordinary people doing extraordinary things," going above and beyond to serve others. The Russells were cited for their quick actions that saved the life of a man attending the Sportsmen's Show on campus in 2014. The two were the first responders on the scene when one of the attendees went into cardiac arrest and stopped breathing. The Russells radioed for an ambulance, performed CPR and used an AED on the man, who was breathing and talking by the time medical personnel arrived. This year's Heroes Breakfast will be April 15 at Jeff's Catering and Event Center, Brewer. More information is [online](#).

Morning Sentinel, KJ Report Senior Artists Sought for Belfast Festival

10 Mar 2015

The [Morning Sentinel](#) and [Kennebec Journal](#) reported Maine artists, 50 and older, are invited to participate in the Senior College at Belfast 13th annual Festival of Art May 21–24 at the University of Maine Hutchinson Center in Belfast. The event is co-sponsored by Senior College at Belfast and the University of Maine Hutchinson Center. Amateur and professional artists are welcome. Registration ends March 31. WABI (Channel 5) also interviewed the event's organizer.

VillageSoup Advances Tractor Safety Course in Union

10 Mar 2015

The [VillageSoup](#) reported a tractor safety course will be held from 6 to 8 p.m. April 8 at Union Farm Equipment in Union. The course is offered by the University of Maine Cooperative Extension, Knox-Lincoln Farm Bureau and Union Farm Equipment, according to the article.

Maine Edge Reports on 2015 Maryann Hartman Award Winners

10 Mar 2015

[The Maine Edge](#) published a University of Maine news release announcing the 2015 Maryann Hartman Award recipients. Three Maine women and a teenager who are leaders in social justice, community advocacy and cultural preservation will be honored at the 29th annual Maryann Hartman Awards on March 24 at UMaine. This year's recipients are Maria Girouard of Orono for her advocacy for the preservation of the cultural heritage and rights of the Penobscot Nation; Deborah Thompson of Bangor for her work on recognizing and preserving the rich architectural history of Bangor; and Florence Reed of Surry, for her initiative in creating Sustainable Harvest International, connecting Maine to the global community. High school senior Nicole Maines of Portland will receive the Young Women's Social Justice Award.

Fairman's Maine Policy Review Report Cited in VTDigger School Consolidation Article

10 Mar 2015

A 2012 Maine Policy Review report by Janet Fairman, an associate research professor of education at the University of

Maine, and Christine Donis-Keller, an education consultant, was cited in the [VTDigger](#) article, “School district consolidation: Will Vermont go where Maine has been?” The Maine Policy Review report, “School District Reorganization in Maine: Lessons Learned for Policy and Process,” focused on the state’s objective to reduce 290 school districts to 80. The article states that according to the report, by the 2011–12 academic year, the districts had been reduced to 164 and the success of the effort “is still open to debate.” Gordon Donaldson, professor emeritus of education at UMaine, also was quoted in the article. He recalled his perspective on the legislation that led to school district consolidation under Gov. John Baldacci’s administration.

Morning Sentinel, KJ Interview Hopkins About Maple Sugaring Season

10 Mar 2015

Kathy Hopkins, a maple syrup expert with the University of Maine Cooperative Extension, was quoted in a Morning Sentinel and Kennebec Journal [article](#) on the start of the maple sugaring season and how weather affects sap flow. After a cold winter, there is a perception that the season is starting late, but Hopkins said that may be based on the early seasons that maple syrup producers have enjoyed over the past few years, according to the article. If a cold winter is followed by a quick warm-up, the season will be short and less syrup will be produced, the article states. “That’s the biggest thing about the amount — having perfect weather for six weeks or so,” Hopkins said. “If it gets too hot too fast, it can close the season down fast, and you run the risk of getting a buddy tasting syrup that tastes like green twigs.”

Mainebiz, BDN Report on AHI Grant to Develop Land-Based Aquafarm

10 Mar 2015

[Mainebiz](#) and the [Bangor Daily News](#) reported the National Science Foundation awarded \$657,000 to Acadia Harvest Inc. (AHI), which is working to achieve a commercial-scale, land-based, indoor Maine seafood farm with low to zero waste. AHI will use a controlled environment to study how aspects of aquaculture can be applied to land-based agriculture, according to Mainebiz. AHI works in partnership with the University of Maine and the Center for Cooperative Aquaculture Research in Franklin, where the research will be performed, the article states. [The Forecaster](#) published a related article about AHI, which the [Sun Journal](#) also printed.

Expanding Your Horizons Conference for Middle School Girls March 12

10 Mar 2015

More than 480 middle school girls from around the state are expected to take part in the annual University of Maine conference that aims to provide a safe and encouraging environment to explore science, technology, engineering and math (STEM). The 28th Expanding Your Horizons conference takes place March 12 on the UMaine campus and features workshops for students, as well as teachers of the 25 participating schools. The conference is coordinated by the UMaine Women’s Resource Center with support from the Maine Girls Collaborative Project. The University of Maine Cooperative Extension is the event’s Healthy Start Partner and the UMaine College of Engineering is the Fun Futures Sponsor. The Maine School of Science and Mathematics summer camp also donated to the conference. The event involves volunteers, including university faculty, staff and more than 35 UMaine students, as well as community professionals. The student activities begin at 9 a.m. in Hauck Auditorium with a keynote address by UMaine graduate students LeeAnne Thayer, who studies marine science, and Brianne Suldozsky, who studies communications. The students will share their personal experiences as women working in and around STEM. Throughout the day, groups of girls will be guided by UMaine students and staff through three workshops around campus. Two of the workshops are STEM-related, while the third focuses on gender equity and confidence building. Topics of the STEM-related workshops include computer science, engineering, wildlife biology, forestry, math, physics, horticulture, veterinary medicine and GIS/GPS remote sensing. Students also will have the opportunity to meet and hear stories from successful women working in science and math fields throughout the state. Jennifer Dunham, special projects assistant at the Women’s Resource Center, says the day is designed to introduce girls to new areas and future career possibilities. Organizers say they hope there is a topic for everyone. “If just one girl walks out of a workshop excited, that’s one more girl who may decide to be an architect, or an electrical engineer, or a computer programmer, or a forester, who may not

otherwise have ever considered that field,” Dunham says. The gender equity workshop, designed by graduate assistant Ashley Burns, will focus on the stereotypes and barriers women face in STEM and beyond. “Ultimately, we want the girls walking away not only knowing and possibly being excited about fields they weren’t before, but also having the confidence to pursue them; whatever challenges they may encounter,” Dunham says. Teachers attending the conference will participate in professional development sessions from 10 a.m. to 3 p.m. at Wells Conference Center. The professional development forums will be divided into two sections. At 10 a.m. UMaine Extension and 4-H will lead a hands-on workshop that will explore how using the 4-H Experiential Learning Model can enhance student understanding of STEM. Participants also will learn about free resources offered by 4-H to educators statewide. After lunch in the Bear’s Den, teachers will hear about how to bring science into the classroom from Maine EPSCoR at the University of Maine and the Challenger Learning Center of Maine. CEU’s are available for those who attend the educational forums. CEU costs are covered by the conference registration fee. More information about Expanding Your Horizons is online or available by contacting Dunham at 581.2515, jennifer.dunham@maine.edu.

Participating 2015 EYH Schools	City
Beech Hill School	Otis
Calais Middle/High School	Calais
Caravel Middle School	Carmel
Caribou Middle School	Caribou
Dedham Middle School	Dedham
Ella Lewis/Peninsula schools	Steuben and Prospect Harbor
Fort Fairfield Middle School	Fort Fairfield
Fort O’Brien School	Machiasport
Greely Middle School	Cumberland Center
Hichborn Middle School	Howland
Home school	
Houlton Middle/High School	Houlton
Leonard Middle School	Old Town
Mattawcook Junior High	Lincoln
Molly Ockett Middle School	Fryeburg
Mountain Valley Middle School	Mexico
Orono Middle School	Orono
Penquis Valley School, Milo	Milo
Presque Isle Middle School	Presque Isle
Reeds Brook Middle School	Hampden
Rose M. Gaffney Elementary School	Machias
Searsport Middle School	Searsport
Surry Elementary School	Surry
Trenton Elementary School	Trenton
Troy Howard Middle School	Belfast
Valley Rivers Middle School	Fort Kent

Partnerships in Engineering Innovation: RollEase and AMC

10 Mar 2015

RollEase Innovation Center in Brunswick, Maine, opened in 2014 and began taking advantage of the research and development capabilities of the University of Maine's Advanced Manufacturing Center (AMC). The innovation center has collaborated with AMC in numerous projects — from testing products and new materials to doing new component

design and running software programs to validate designs and calculations. RollEase Inc., headquartered in Stamford, Connecticut, is the leading designer and largest manufacturer of clutch-based window covering operating systems worldwide and the third largest distributor of roller shade fabric in the U.S. "One of the primary reasons we decided to make a multimillion dollar investment to locate our new innovation center here was to be within close proximity of the University of Maine and be in a position to work with their advanced manufacturing program," said Greg Farr, senior vice president and chief innovation officer for RollEase in written testimony to the legislative committees of appropriations and financial affairs, and education and cultural affairs. "Our company is very fortunate to have access to the world-class people and facilities of the Advanced Manufacturing Center, for we would never have made the kind of progress we've made to date on our own," said Farr, writing on behalf of the requested appropriation for the University of Maine System from the Maine Economic Improvement Fund (MEIF). The Advanced Manufacturing Center is an engineering support and service center that is dedicated to promoting manufacturing economic development in Maine.

Latest UMaine Invention: Nontoxic Fiberboard

11 Mar 2015

A new type of fiberboard invented by University of Maine researchers is made with nontoxic, biobased additives and is 25 percent stronger than conventional products. Most particleboard contains a formaldehyde-based binder that releases toxins into living spaces, causing health concerns. The UMaine fiberboard uses a safe, nontoxic binder of nanocellulose, a gel composed of small particles of cellulose. Cellulose is an important structural component of plants and the most abundant natural polymer on Earth. In this invention, the nanocellulose is made using a low-energy grinding process. The fiberboard, patent-pending in the United States and Canada, was developed by UMaine researchers Doug Bousfield and Mike Bilodeau. More information is [online](#).

UVAC Receives Campus Safety Recognition at National Conference

11 Mar 2015

The University of Maine's University Volunteer Ambulance Corps (UVAC) recently was named a HEARTSafe CAMPUS at the National Collegiate Emergency Medical Services Foundation's (NCEMSF) 21st annual conference in Baltimore, Maryland. The NCEMSF encourages and promotes community awareness of the potential for saving the lives of sudden cardiac arrest victims through the use of cardiopulmonary resuscitation (CPR) and increased public access to defibrillation. In 2013, NCEMSF, with support from HEARTSafe Communities, the American Heart Association, the Sudden Cardiac Arrest Foundation and industry partners, developed an initiative to designate college communities as HEARTSafe Campuses based on quality campus-based EMS organizations. The HEARTSafe Campuses act as examples to other campuses as a means to improve overall cardiac arrest care, according to the organization. UVAC was recognized with EMS organizations from seven other institutions including Georgetown University, Fordham University, Tufts University and Virginia Tech. More about the recognition is [online](#).

Master Food Preserver Course Applications Available April 1

11 Mar 2015

Applications will be available April 1 for a University of Maine Cooperative Extension Master Food Preserver course that starts June 18 at Gorham Middle School in Gorham, and at the UMaine Extension office in Falmouth. The 10 three-hour, hands-on kitchen labs are slated to be held 5:30–8:30 p.m. Thursdays through Sept. 17; dates may change due to produce availability. The course will cover food preservation techniques, including canning, drying, freezing, fermenting and winter storage. Upon successful completion, graduates will serve as volunteer community resources, providing the public with research-based information from UMaine Extension and the U.S. Department of Agriculture. The training fee is \$220; partial scholarships are available. Application packets will be available [online](#) or will be mailed when requests are made at extension.rlreception@maine.edu. For more information, or to request a disability accommodation, call 207.781.6099.

Maine Sea Grant Crabmeat Facts Mentioned in Philipstown.info Article

11 Mar 2015

Information from the Maine Sea Grant College Program at the University of Maine was mentioned in a [Philipstown.info](#) article about cooking crab cakes. The article states that according to Maine Sea Grant, crab meat is low in fat, high in zinc and a good source of omega-3 fatty acids.

Hopkins, UMaine Study Quoted in BDN Article on Start of Maple Season

11 Mar 2015

A University of Maine maple syrup expert and economics study were mentioned in the [Bangor Daily News](#) article, "LePage opens Maine's maple season by tapping Blaine House tree." Maine is the third-largest maple industry in the U.S., generating \$17.3 million in annual income for the nearly 600 people it employs, according to economist Todd Gabe's 2014 study that was funded by the state and the Maine Maple Producers Association, the article states. Kathy Hopkins, a maple syrup expert with the University of Maine Cooperative Extension, was quoted in the article. "We have the trees. If we decide to get organized, get more young people and develop the market — Maine could do anything it wants," she said of the state's maple industry.

Student's Honors Thesis Cited in Pacific Standard Report on Circus Elephants

11 Mar 2015

A 2014 [Honors thesis](#) by University of Maine psychology student Sophie Veilleux was cited in the [Pacific Standard](#) article, "Why do circus elephants get all the sympathy?" According to the article, Veilleux's paper, "Coping with Dissonance: Psychological Mechanisms that Enable Ambivalent Attitudes Toward Animals," focuses on four possibilities for why the majority of Americans, who generally care about the treatment of animals, show ambivalence toward livestock.

Sun Journal Advances University Singers Concert at South Paris School

11 Mar 2015

The [Sun Journal](#) reported the University of Maine's University Singers will perform a free concert at Oxford Hills Comprehensive High School on March 13. The concert is one of several shows around central and northern Maine as part of the choir's annual spring tour. Under the direction of Francis Vogt, a School of Performing Arts faculty member, the group of about 60 singers will perform evening shows at middle and high schools and a church before ending the tour with two performances on campus.

Miller Named 2015 Outstanding Professional Employee

11 Mar 2015

Timothy Miller, laboratory manager at the University of Maine Darling Marine Center, has been selected to receive the 2015 Outstanding Professional Employee Award. The annual award, presented by UMaine's Professional Employees Advisory Council, recognizes dedication to serving others, the highest level of professional services and standards within disciplines or areas of responsibility, a commitment to creating a better campus environment and significant public service contributions. The Outstanding Professional Employee Award will be presented at the Employee Recognition and Awards Luncheon, 11:30 a.m.–1 p.m., March 18 at Wells Conference Center. For more than two decades, Miller has been the laboratory manager at UMaine's marine sciences center in Walpole. He is responsible for the day-to-day operations of the 170-acre, 22-building campus that has an extensive teaching, research and community outreach mission in marine sciences. His duties can range from overseeing Darling Center safety protocol and facility maintenance to ensuring the best residential experience for Semester by the Sea students, and supports visiting scientists and college groups in their work at the center. Miller is described as the "glue" that keeps the Darling Center functioning efficiently and effectively. He is well known for his "make things work" attitude, and initiatives to improve the overall

Darling Center environment and infrastructure. Members of the UMaine community and visitors to the Darling Marine Center recognize and appreciate his deep level of concern and caring. Beyond the Darling Center campus, Miller also is active in his community, serving as Bristol's assistant fire chief and volunteering with area youth groups, including 4-H and the Boy Scouts.

Spencer Named 2015 Outstanding Classified Employee

12 Mar 2015

Cheryl J. Spencer, a scientific research specialist in the School of Forest Resources, has been selected to receive the 2015 Outstanding Classified Employee Award. The annual award, presented by UMaine's Classified Employee Advisory Council (CEAC), recognizes exceptional service by UMaine classified employees who inspire others through dedication, commitment and work ethic; maintain the highest level of professional service; and help create a better UMaine community. The Outstanding Classified Employee Award will be presented at the Employee Recognition and Awards Luncheon, 11:30 a.m.–1 p.m., March 18 at Wells Conference Center. For 30 years, Spencer has been dedicated to running the operation of soil science professor Ivan Fernandez's research and teaching labs in the Plant, Soil, and Environmental Sciences Department. She continuously works to meet the forest soils program's training goals and mentors students of all ages, as well as completes extramurally funded research grants the program is awarded. Spencer is referred to as the "point of coordination and organization" for the biogeochemistry of forests research program which includes multiple field sites and research laboratories, as well as undergraduate student employees, graduate students, technical staff, postdoctoral associates and collaborators from UMaine and around the world. Spencer, who instructs sections of the soil science laboratory, is described as loyal to the program and community and compassionate to students and colleagues. Graduate students rely on and respect Spencer for her practical knowledge and guidance. The same respect also is regularly recognized and expressed by collaborating faculty and scientists from across U.S. and Europe. In the community, Spencer reaches out through her service to the Soil and Water Conservation Society; the Maine Association of Professional Soil Scientists; and Maine Envirothon, a high school environmental competition.

WABI Covers Summer Camp Fair for Kids

12 Mar 2015

WABI (Channel 5) reported on the University of Maine's fourth annual Summer Camp Fair for Kids that was held in the New Balance Student Recreation Center on campus. Representatives from more than 50 summer camps provided information and answered questions about the available programming for children and teenagers. "It gives all the families in the area a chance to actually look and see pictures of previous camps and to interact with camp directors and counselors and get to kind of have more of a tangible experience of what they might be doing this summer," said event organizer Lisa Carter, who is assistant director of the Maine Bound Adventure Center.

Gill Quoted in Nature Article on Sexual Harassment, Assault

12 Mar 2015

Jacquelyn Gill, an assistant professor of paleoecology and plant ecology at the University of Maine, was quoted in an article published in the journal [Nature](#) that focuses on sexual harassment and assault during field research and on campuses. The topic has gained less attention in scientific fields with greater gender equality, such as ecology, according to the article. Gill and Joshua Drew, a conservation ecologist at Columbia University in New York, will speak about the topic as part of a panel discussion at the August meeting of the Ecological Society of America in Baltimore, Maryland, the article states. "We want to start important conversations — for example, sharing university reporting procedures with students in their own labs, departments and institutions," Gill said, adding she feels responsible for her graduate students. "We need to create a culture where incidents are rare and reporting is easy."

National AgrAbility 2015 Training Conference in New York

13 Mar 2015

The 2015 AgrAbility National Training Conference will cover issues of disability in the agricultural industry April 13–16 at the Hyatt Regency Rochester in Rochester, New York. The conference also will include tours of area farms and other attractions. Lani Carlson, University of Maine Cooperative Extension AgrAbility project coordinator, says there are many reasons to participate in the training workshop. “It provides a chance for rural professionals to get together with AgrAbility staff, as well as clients and their families from across the nation. The breakout sessions and tours will offer a variety of learning opportunities from some great speakers on timely topics geared specifically toward farmers and ranchers, and other topics concerning military veteran farmers,” Carlson says. The keynote address will be given by motivational speaker Chris Koch who, born with no arms or legs, works on his family’s farm in Alberta, Canada. Event registration and more information is [online](#). More information about Maine AgrAbility is available [online](#) or by contacting Carlson at 944.1533, 800.287.1471 (in Maine) or leilani.carlson@maine.edu. The USDA-funded national AgrAbility program assists farmers, loggers and fishermen with disabilities and chronic illnesses so they may remain active in production agriculture. In Maine, AgrAbility is a nonprofit partnership between UMaine Extension, Goodwill Industries of Northern New England and Alpha One.

Doctoral Student’s Fishermen’s Forum Presentation Cited in Free Press Article

13 Mar 2015

[The Free Press](#) reported Kisei Tanaka, a doctoral student at the University of Maine, was one of several presenters at the 40th annual Maine Fishermen’s Forum held in Rockport. Tanaka, who spoke during a session on climate change, explained a new computer model developed to show prime lobster habitat in the Gulf of Maine, according to the article. Tanaka used environmental data from 1978 to 2012 to illustrate the changes in ideal lobster habitat along the coast, the article states. He found that by the 2000s, nearly all of the eastern counties had an increase in good lobster habitat, particularly during the spring months. “Temperature and salinity have changed due to climate change; depth and bottom type haven’t,” Tanaka said, adding that juvenile lobsters pick a place to settle and grow based on water temperature, bottom type, salinity and depth.

WABI Covers Expanding Your Horizons Conference

13 Mar 2015

WABI (Channel 5) reported on the 28th Expanding Your Horizons conference at the University of Maine. Nearly 500 middle school girls from around the state attended the event that aims to provide a safe and encouraging environment to explore science, technology, engineering and math (STEM). Expanding Your Horizons, which is coordinated by the UMaine Women’s Resource Center with support from the Maine Girls Collaborative Project, featured workshops for students and teachers. Workshops were offered on a variety of STEM-related topics, as well as on gender equity and confidence building. “It’s really introducing the girls to the different STEM fields and careers that are out there. Giving the females role models in those fields so they can see that it’s attainable,” said Jennifer Dunham, special projects assistant at the Women’s Resource Center.

UMaine, Maine Potato Board Release New Caribou Russet Variety, Mainebiz Reports

13 Mar 2015

[Mainebiz](#) reported the University of Maine and the Maine Potato Board have unveiled a new potato variety, Caribou Russet. The potato is a cross between a Silvertop Russet and Reeves Kingpin and is described as having “high yields, mid-season maturity and moderate common scab resistance,” as well as “good baked and mashed quality for fresh market consumption,” the article states. The potato also is expected to be useful for processing markets. The new variety was developed at UMaine in the breeding program overseen by Gregory Porter, chairman of the Department of Plant, Soil and Environmental Sciences. The [Bangor Daily News](#), [Potato News Today](#) and [PotatoPro.com](#) also reported on the Caribou Russet. The full Maine Potato Board release is online.

Women in Leadership Week Highlighted by the Installation Ceremony of UMaine's 20th president

16 Mar 2015

Women in Leadership Week at the University of Maine, March 24–26, will feature a series of public events leading to the Installation of UMaine President Susan J. Hunter on March 26. Women's Leadership Week is part of UMaine's yearlong 150th anniversary celebration. “Women in Leadership Week is a celebration of the installation of UMaine’s first woman president, but it is also a time to reflect on the many ways that women have shaped our university, to recognize the challenges that women continue to face, and to recommit ourselves to nurturing the next generation of women leaders,” says Jeffrey E. Hecker, UMaine executive vice president for academic affairs and provost, and chair of the Women in Leadership Week committee. Highlighting the Installation Ceremony of UMaine’s 20th president will be a keynote address, “Leading with a Cause,” by Nancy Zimpher, chancellor of the State University of New York System. The Installation Ceremony begins at 3 p.m. and will be followed by a reception, all in the Collins Center for the Arts. In 2009, Zimpher became the 12th chancellor of the State University of New York (SUNY), the nation’s largest comprehensive system of higher education. Prior to joining SUNY, Zimpher served as president of the University of Cincinnati, chancellor of the University of Wisconsin-Milwaukee, and executive dean of the Professional Colleges and dean of the College of Education at Ohio State University. She has written or co-written numerous books, monographs and academic journal articles on teacher education, urban education, academic leadership and school/university partnerships. Women in Leadership Week begins with a panel discussion on March 24. A list of all public events follows: **Women in Leadership Panel Discussion** 4–5:30 p.m. March 24 Minsky Recital Hall A discussion based on “Centered Leadership” by Joanna Barsh with panelists Emily Cain, Elizabeth Sutherland and Meredith Jones. Moderated by Carol Kim, vice president for research and dean of the graduate school. **Maryann Hartman Awards Ceremony** 5:30–7 p.m. March 24 Buchanan Alumni House Award winners: Maria Girouard, Deborah Thompson, Florence Reed and Nicole Maines. RSVP to maryannhartmanawards@umit.maine.edu. **Leadership Unplugged** 7:30–9 a.m. March 25 Wells Conference Center Guest speaker UMaine President Susan J. Hunter on “Preparing the Next Generation of Women in Leadership.” Sponsored by the Maine Development Foundation. Registration required (<https://mdf.wufoo.com/forms/mar3qok1qdhftx/>); no fee of members of UMaine community. **Tea and Conversation with Women Student Leaders** 2:30–3:30 p.m. March 25 Wells Conference Center Panel discussion, "Perspectives from UMaine Student Leaders," moderated by Emily Haddad, Dean of the College of Liberal Arts and Sciences. Sponsored by the Margaret Chase Smith Policy Center and the Division of Student Life. **Why Networking Matters to You** 4–6 p.m. March 25 Buchanan Alumni House Hosted by the University of Maine Alumni Association with guest speaker alumna Emily Cain. RSVP at umainealumni.com. **Installation of the University of Maine’s 20th President Susan J. Hunter** 3 p.m. March 26 Collins Center for the Arts Keynote address, “Leading with a Cause,” by Nancy Zimpher, Chancellor of the State University of New York System. Immediately following the Installation, a reception for President Hunter will be held at the Collins Center for the Arts.

Leadership Unplugged to Feature Address by President Hunter

16 Mar 2015

Leadership Unplugged, sponsored by the Maine Development Foundation, opens its spring series at the University of Maine on March 25. UMaine President Susan J. Hunter will discuss “Preparing the Next Generation of Women in Leadership” at the 7:30–9 a.m. breakfast at Wells Conference Center. [Online](#) registration is required; the registration fee, which includes breakfast, is waived for members of the UMaine community. More information about the Maine Development Foundation series is [online](#). For UMaine community members: When completing the online registration form, indicate that your organization is the University of Maine. Select member or nonmember rate to allow the form to go through. When you get to the credit card payment page, simply close out of it. You will receive registration confirmation.

Boothbay Register Reports on 2015 Outstanding Professional Employee

16 Mar 2015

[Boothbay Register](#) reported Timothy Miller, laboratory manager at the University of Maine Darling Marine Center, has been selected to receive the 2015 Outstanding Professional Employee Award. The annual award, presented by UMaine’s Professional Employees Advisory Council, recognizes dedication to serving others, the highest level of

professional services and standards within disciplines or areas of responsibility, a commitment to creating a better campus environment and significant public service contributions. For more than two decades, Miller has been the laboratory manager at the center in Walpole. He is responsible for the day-to-day operations of the 170-acre, 22-building campus that has an extensive teaching, research and community outreach mission in marine sciences.

Brewer Quoted in BDN Article on LePage's Proposed Budget

16 Mar 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Bangor Daily News](#) analysis, "Why LePage's Portland offensive is a stroke of political genius." According to the article, LePage has been traveling the state to promote his proposed budget that centers on tax reform. "If you're a lawmaker, and you're on the fence, and all of a sudden you start hearing from constituents who have seen this audit, and who think it's perfectly clear the spending is wasteful, that can only help [LePage]," Brewer said.

Anderson Interviewed for MPBN Report on Raw Milk Bills

16 Mar 2015

Gary Anderson, a University of Maine Cooperative Extension professor, was quoted in the Maine Public Broadcasting Network report, "Raw milk battle divides Maine's dairy industry." Lawmakers are considering two bills on raw milk sales, according to the report. One bill would exempt dairy farms from state licensing and inspection requirements if they produce less than 20 gallons of milk a day for sale at their farms or farmers markets, while the other bill would exempt dairy farms only if the raw milk is sold directly to consumers at the farm, the report states. "Although we can appreciate aspects of this bill to support small dairy businesses, if raw milk licensing and inspection are exempt, these small farmers will not receive education and suggestions to maintain a sanitary environment, which may increase the risk of food-borne illnesses associated with unpasteurized dairy products," said Anderson, who testified on the bills without taking a position.

Nineteen UMaine Faculty Members Receive Tenure and/or Promotion

16 Mar 2015

The University of Maine System Board of Trustees has approved promotion and/or tenure for 19 University of Maine faculty members. The faculty were nominated by UMaine President Susan J. Hunter based on a peer and administrative review of their successful work in teaching, research and public service. "The annual tenure and promotion process is truly a celebration of the excellence of our faculty," says UMaine President Susan J. Hunter. "They are key to helping UMaine fulfill its statewide mission of teaching, research, scholarship, economic development and outreach. And they are essential to the UMaine distinction — from the student experience and community engagement to the national- and international-caliber research." **University of Maine Faculty Promoted and/or Tenured, 2014-15 Promoted to professor** College of Education and Human Development

- Susan K. Gardner, Higher Education

College of Engineering

- Ali Abedi, Electrical and Computer Engineering
- Philip A. Dunn, Jr., Construction Management Technology
- Michael D. Mason, Chemical and Biological Engineering
- Judith R. Pearse, Electrical Engineering Technology
- Yifeng Zhu, Electrical and Computer Engineering

College of Liberal Arts and Sciences

- Amy M. Blackstone, Sociology

- Laura A. Lindenfeld, Mass Communication/Media Studies and Public Policy
- Nathan E. Stormer, Communication and Journalism

College of Natural Sciences, Forestry, and Agriculture

- Kathleen P. Bell, Resource Economics and Policy
- John J. Daigle, Forest Recreation Management
- Eric R. Gallandt, Weed Ecology and Management
- Brian J. McGill, Ecological Modeling

Promoted to professor with tenure College of Natural Sciences, Forestry, and Agriculture

- Gordon S. Hamilton, Earth Sciences and Climate Change Institute

Promoted to associate professor with tenure College of Natural Sciences, Forestry, and Agriculture

- Brian J. Olsen, Biology and Ecology

Granted tenure at current rank of associate professor Honors College

- Mark E. Haggerty, Rezendes Preceptor of Civil Engagement

Promoted to Extension professor

- Jennifer F. Loble, Cooperative Extension

Promoted to associate Extension professor with continuing contract

- Mitchell D. Mason, Cooperative Extension
- Kathryn G. Yerxa, Cooperative Extension

Contact: Margaret Nagle, 207.581.3745

Zaro to Lead Second Archaeological Excavation in Croatia

17 Mar 2015

National Geographic Society is funding an archaeological project this summer along the Adriatic Sea in Croatia, led by Gregory Zaro, University of Maine associate professor and chair of the Department of Anthropology. Zaro will be joined by colleagues from the University of Zadar, Croatia, and students from both the University of Zadar and UMaine. The excavation is the next phase in building a long-term program of study concerning human society, environment and climate in the eastern Adriatic region. The initiative to study urban transformation and landscape change at the Nadin archaeological site in Croatia grew out of Zaro's Fulbright experience at the University of Zadar in 2013. Cities are a dominant factor in global environmental change today, but as a long-term process, urbanization has played a significant role in shaping our planet's landscapes and environments for millennia, effectively creating anthropogenic landscapes. Recognition of this point opens the door for archaeological research to make significant contributions to contemporary urban/ecological issues, while also generating cross-cultural knowledge about urbanism in the ancient, historic and modern worlds. Zaro's project is a field program of archaeological excavation and analysis at the Nadin archaeological site, a moderately sized center in Croatia's Ravni Kotari region along the Adriatic Sea. The site is situated near the 3,000-year-old city of Zadar, an important social and economic center in the region today, but one that faces significant urban/ecological challenges over the coming century. With a nearly 2,500-year record of (possibly intermittent) occupational history, Nadin affords the opportunity to investigate the relationship between phases of urban growth and decline, and broader changes in landscape and environment — processes that persist around Zadar today. The project work will generate archaeological data related to urban form, spatial organization, economy, subsistence and environment from the site's inception in the Iron Age. The project will also work to more precisely delineate the site's

chronology, an essential prerequisite to articulating changes in urban form with broader changes in landscape and environment. The results will help build a range of knowledge on human-environmental interactions in the Zadar region, offering deep-time perspectives on contemporary issues.

Ethan Hawes: Cancer Survivor

17 Mar 2015

In 2013 at the end of his junior year at the Maine Business School, Ethan Hawes was diagnosed with multiple myeloma, an incurable form of cancer that typically hits older people. After battling through months of treatments, including hip surgery in 2013 and a stem cell transplant in 2014, he will graduate in May 2015 with a bachelor's degree in marketing and a concentration in international business. And cancer free. During his nearly two-year ordeal, the Maine Business School became one of his strongest support systems, said Hawes, who grew up in Eliot, Maine. "My professors took time to understand the seriousness of my condition and accommodate my needs when I'd have to miss class or couldn't get a paper in on time," he said. "Because of my chemotherapy, I often had trouble concentrating and retaining information. But my professors were happy to work with me. They not only wanted me to succeed academically, but were concerned about how I was doing physically and emotionally. And my classmates were incredible — everyone was thoughtful and caring, asking what I needed and helping me feel like a normal college student even though I had a cancer diagnosis that made me feel so different." **How did your cancer diagnosis change you?** It completely changed my outlook on education — and life in general. I began to take more interest in my studies and became an active participant in class. When cancer hit me, I realized I wanted to make the most of my education — and all that life had to offer. It didn't matter if I answered a question incorrectly. I was just grateful to be in the classroom and to be able to learn about business and the world. Since the diagnosis, everything has moved so fast. It's like I was hit by a tornado and I'm now picking up the debris. I have become a more compassionate person because I know what pain and suffering is. One of my biggest goals was just to continue with classes and make it through to graduation. Now that I have done that, I feel stronger and more confident: if I can do this, I can do anything! I am still trying to make sense of everything and understand this new person I have become. I finally feel like the old Ethan but with a new perspective and outlook on life. **What led to your diagnosis?** I was running a marathon in Madrid, Spain, in April, 2013, during my semester abroad, when I felt a shooting pain in my hip. It became progressively worse and by the time I got back home I could barely put any weight on it. After a tumor was discovered, I was sent to Dana-Farber Cancer Institute in Boston for tests. I was initially diagnosed in July with a plasma cytoma, but a week later they found another tumor; so the diagnosis became multiple myeloma. Doctors told me that at age 22, I was one of the youngest people they had ever seen with the disease. According to statistics, the median age at diagnosis for multiple myeloma is 70 years of age. The percentages of people diagnosed with multiple myeloma based on age were 0.0 percent under age 20 and 0.6 percent between ages 20 and 34. It was like winning the lottery in the worst possible way. In August 2013 I had radiation treatments that eradicated the tumor in my leg. From October 2013–May 2014 I underwent chemotherapy at Eastern Maine Medical Center. **How did you pursue your education and what kept you going?** After my diagnosis, my family and friends thought I should take time off from school. But doctors agreed with me that I should return to MBS in September 2013. Because my overall physical fitness was pretty good thanks to years of baseball, basketball and soccer, they thought I'd be able to tolerate the treatments. Although I was often tired, I was able to handle everything. I took a modified course load and was happy to be back at school to experience some normalcy. But inside I was grappling with a sense of disconnect and isolation. I was determined to see this as a challenge and refused to let my diagnosis define me or defeat me. Of course there were days when I would question why this happened to me. During the bad times I would reach out to my friends and family who gave me unconditional love and support. I would look back on the cards, messages and words of encouragement they sent me. Knowing how much they cared always made me feel better. I couldn't have done this without my family. My parents, who are University of Maine alumni, are grateful that their alma mater has cared for me in such a special way. When did you become cancer-free? I underwent stem cell surgery on June 23, 2014, at Brigham and Women's Hospital in Boston. I used my own stem cells so if the cancer returns I have the option of using a donor's cells which is a much more aggressive procedure. My actual birthday is June 5, but June 23 is the day I became cancer free and it is a day I will always celebrate. After surgery I was in isolation for three weeks before returning home. One of the scariest moments was when I developed pneumonia a week later and had to return to the hospital. Finally, in mid-July I started the recovery process. I had no choice but to take off the fall 2014 semester. I was exhausted and could barely keep a conversation going. I needed a nap after walking up the stairs. Because of my weakened immune system, I had to wear a mask and gloves when I went outside the house. It was

difficult to look at myself because I not only didn't recognize me physically, I didn't even feel like the same person. I honestly believed that I would be okay but I was worried about my mental and emotional side and wondered if I would ever really be able to come back. **Now what?** Returning to school in January 2015 was the best feeling in the world. I started exercising again and felt stronger every day. Although I'm in complete remission, I will undergo chemotherapy every couple of weeks for two years as a precaution. I am being checked frequently for my blood counts. I have formed close relationships with faculty and students at MBS and been able to have a small-school experience while getting the benefits of a large university. Thanks to my study abroad experience and a marketing internship at the UMaine Department of Athletics, I feel confident that MBS has given me a great business foundation and the skills to embark upon a career. I am looking forward to life after graduation and feel ready to venture out into the real world with confidence. I hope to pursue a career in hospitality management or in hospital administration and am considering some job offers. **What were some of your most inspiring moments during your battle with cancer?** On Oct. 13, 2013, I received a call from New England Patriots owner Robert Kraft, a longstanding supporter of Dana-Farber. He had heard my story and wanted to extend his good wishes. He invited me to Gillette Stadium in Foxboro two days later where I got to shake his hand on the field just before the Patriots played the Miami Dolphins. Also that October, a family friend from Eliot started a team in my name called Ethan's E-Team, part of the annual Pan-Mass Challenge bike-a-thon that raises money for Dana-Farber. Before the race she presented me with a huge photo of my Pi Kappa Alpha brothers from UMaine wearing Ethan E-Team hats. It was great to walk around campus that year and see my fraternity brothers wearing my hat. Another memorable moment occurred during a finance exam just before my stem cell transplant in June 2014. I looked around at my classmates and became emotional because I knew I was going into a potentially life threatening procedure. The uncertainty of the future was frightening. But being in a classroom made me feel safe and grateful to be a student at MBS. After the exam, Professor Pank Agrawal gave me a hug and said, "You already passed the exam of life." His words were so powerful. I'll never forget them. **What can people learn from your experience?** Take one day at a time, appreciate every moment and don't sweat the small stuff. It's good to have goals, but ultimately, there is so much in life that we can't control. Accept that challenges and obstacles are inevitable but also that the hardships and difficult times really do make you stronger and a better person overall.

Yarborough Awarded Funds to Improve Integrated Pest Management for Blueberry Farmers

17 Mar 2015

David Yarborough, a blueberry specialist with the University of Maine Cooperative Extension and professor in the School of Food and Agriculture, was awarded funds to improve integrated pest management practices for Maine's wild blueberry growers. The Wild Blueberry Commission of Maine awarded Yarborough and fellow researchers Francis Drummond and Seanna Annis \$116,268 from the Maine Department of Agriculture for the yearlong study. The Wild Blueberry Commission of Maine proposes to develop and implement an integrated pest management (IPM) program on weeds, diseases and insects for Maine's 510 wild blueberry growers. The study aims to address important crop management needs to ensure wild blueberry production isn't threatened by developing IPM programs. If IPM practices are not developed to address the challenges, Maine's wild blueberry crop and \$250 million in annual economic impact are at significant risk, according to the researchers. The integrated proposal contains three focus areas:

- To develop effective weed resistance strategies and educate growers on weed resistance management.
- To provide growers with disease forecasts to reduce crop loss and fungicide use while developing new IPM disease and insect management enhancements.
- To develop an IPM program for the blueberry tip midge and determine the impact of wild blueberry damage from sap-feeding insects resulting from current fertility and disease management practice.

Haskell Appointed to Maine's Permanent Commission on the Status of Women

17 Mar 2015

Jane Haskell, a University of Maine Cooperative Extension professor and educator, has been appointed to Maine's Permanent Commission on the Status of Women. Haskell was nominated by Maine Senate President Michael

Thibodeau and holds a public member appointment. The Permanent Commission on the Status of Women is a government-appointed group dedicated to improving opportunities for women and girls. It is tasked with advising the governor and legislature about opportunities for women in the state.

Soil Conservation Expert to speak at Grass Farmers Network Conference

17 Mar 2015

Gabe Brown, farmer and rancher from Bismarck, North Dakota, will deliver the keynote address at the Maine Grass Farmers Network annual conference scheduled from 8:30 a.m. to 4 p.m. Saturday, March 21 at Kennebec Valley Community College, 92 Western Ave., Fairfield. Brown, a pioneer of soil conservation farming, practices integration of crop and livestock production and no-till methods of farming to improve soil health and increase profits. Conference sessions will feature marketing grass-fed livestock products, forage quality and animal welfare in the livestock industry. Speakers include Don Hoenig, retired Maine state veterinarian and president of MIM consulting; and Jason Rowantree, Michigan State University assistant professor of beef cattle and forage utilization. Cost is \$70 for MGFN members, \$85 for others. Lunch is included. The schedule and registration information are [online](#). For more information or to request a disability accommodation, call University of Maine Cooperative Extension, Waldo County office, 342.5971, 800.287.426 (in Maine).

Maine Edge Previews Everything Equine 4-H Science Saturday

17 Mar 2015

[The Maine Edge](#) published a University of Maine news release advancing “Everything Equine,” a University of Maine 4-H Science Saturday workshop to be held April 4 at the J.F. Witter Teaching and Research Center in Orono. Youth in grades K–12 are invited to learn about horses with Anne Lichtenwalner, a UMaine Extension veterinarian; and Robert Causey, an associate professor of animal and veterinary sciences.

Female UMaine Wrestler Wins National Title, BDN Reports

17 Mar 2015

The [Bangor Daily News](#) and [The Maine Edge](#) published a University of Maine news release announcing first-year student Samantha Frank as a 2015 National Collegiate Women’s Wrestling Association champion. The 105-pound Frank pinned two-time All-American Mikayla Pica of Southwestern Oregon Community College to capture the crown this past weekend in Allen, Texas. Frank, a nursing major who also is on the UMaine cheering squad, was voted most outstanding wrestler at the meet and earned All-American status. While the Windham High School graduate was the sole female wrestler for the Black Bears, her win catapulted UMaine to a fifth-place finish in the 15-team field.

Kelsey Rosebeary: Top Cadet

17 Mar 2015

Kelsey Rosebeary of Poulsbo, Washington is a fourth-year nursing major with minors in French and military science. She is a member of the U.S. Army Reserve Officer Training Corps (ROTC) and has received the 2015 Nurse Cadet Excellence Award. According to Lt. Col. Charles Rote, professor of military science of the Army ROTC program at UMaine, the award is given annually to the top Army ROTC nursing cadet in the nation. “Every year, thousands of Army cadets compete to receive a commission from the president of the United States to serve as a second lieutenant in the Army,” Rote says. “This past year, 5,617 cadets participating as a part of one of the 275 Army ROTC host detachments were evaluated and rank-ordered on their academic, leadership and athletic abilities. Of the 215 nurses who underwent this process, Ms. Rosebeary was No. 1.” **What does it mean to receive the Nurse Cadet Excellence Award?** When I first received the news that I had received the Nurse Cadet Excellence Award, I did not know it was even an award to be won. Since beginning my career as a student at the University of Maine, I have done what I know how to do, and that is work hard to reach my goals. Hearing the words, “No. 1 nursing cadet in the nation” is absolutely surreal. I still have difficulty believing it. Receiving this award not only represents the hard work I have put in, but it

also speaks volumes about the nursing school here at the university and the ROTC program. Both programs have instilled leadership qualities and attributes in me that have made me deserving of this award. I am absolutely honored to have received the Nurse Cadet Excellence Award, and am honored to have received my education at the fine institution that is the University of Maine. **What made you want to study nursing?** This is a question we get asked a lot as nursing students. Every story is unique, and mine is no exception. When my grandmother was diagnosed with Parkinson's disease, my paternal grandfather became her primary caretaker. He had no medical experience or training prior to her being diagnosed, but what he had was love and a caring discipline. Never once did she get a bedsore, and my grandfather was sure to keep her hygiene in immaculate condition. About six years after my grandmother passed away, my grandfather had a stroke and was in the hospital, unconscious. One of the nurses who took care of him was so rough and careless in his tasks and treatments. My grandfather had received no professional training in how to care for my grandmother, but he showed more care and compassion than someone who was supposed to be a professional. It was there that I made a personal vow to show the same amount of compassion toward every patient I took care of that my grandfather showed to my grandmother. **Why did you decide to join ROTC?** There are many reasons students join ROTC. A major reason I joined ROTC was the financial stability that it could provide me as a student, as well as the occupational stability it would provide me once I graduated and became an officer. In addition, I joined for the experiences I would receive in the field of nursing. Instead of being in a static position as a civilian nurse, the Army would provide me with opportunities to travel the country and the world. **Why UMaine?** The University of Maine sent me a packet in the mail my junior year of high school describing the school of nursing and what the university had to offer. My first choice, at this point and time was the University of Washington in Seattle. After applying and being accepted to both universities, I changed my mind. The University of Maine treated me with such friendliness and respect when I called their offices, and they made me feel like I already had a purpose. After much discussion with my family and friends, I decided to send in my letter of acceptance to the University of Maine and pack my bags for the East Coast. **Describe your internship experience:** During the summer of 2014, I had the opportunity to attend a nursing internship through the ROTC program. I spent four weeks at the Tripler Army Medical Center in Honolulu, Hawaii working alongside an Army registered nurse. I was able to perform tasks and gain skills that many nursing students do not get the opportunity to do. I learned how to perform venipuncture and start IVs. I was able to hang blood transfusions, do blood draws and help intubate patients for surgery. Over the course of four weeks, I worked 150 clinical hours and gained an extraordinary amount of confidence in my abilities to perform quality nursing care and be a leader on a nursing unit. **What's your most memorable UMaine moment so far?** When I got to ride in a Black Hawk to one of our ROTC training events my sophomore year. My smile was from ear to ear, and lasted the entire weekend. **What difference has UMaine made in your life and in helping you reach your goals?** A tremendous difference. The education I have received here, the opportunities I have had to lead others and travel around the world, and the people I have met have all impacted my last four years, and surely the next 50. I have met people that I will know and keep in contact with for the rest of my life. The professors I have had and the cadre I have had through ROTC will always be there to give me advice or send my future employers letters of recommendation. And the education and training I have received will stick with me for the rest of my life. I am very grateful that I chose the University of Maine for my undergraduate experience. **What are your plans for after graduation and long-term career goals?** The day after graduation, I will be getting married, planning to take my board exam for nursing, and spending my last free summer with my family back in Washington before I head to Fort Sam Houston in Texas for my basic officer leader course. Nine weeks later I will be on my way to my first duty station. I plan to make the Army my career — serving this nation the best I can, learning from soldiers I work with, and providing the best nursing care to every patient I come into contact with.

Moxley Wins National Award for Poetry Book

17 Mar 2015

The Poetry Society of America has named Jennifer Moxley, an English professor at the University of Maine, the recipient of the 2015 William Carlos Williams Award for her book, "The Open Secret." The award, named after American poet William Carlos Williams, is presented annually by the PSA for a book of poetry written by an author who is a permanent resident of the United States. The book must be published by a small, nonprofit or university press. Moxley's book was published in October 2014 by Flood Editions, an independent publishing house for poetry and short fiction based in Chicago. "I'm thrilled to be given an award that is named for a poet who has been a central figure both to me and to the University of Maine's National Poetry Foundation," Moxley says. A [Los Angeles Times](#) review of

“The Open Secret” stated “Moxley’s earnest and introspective new poems feel almost like personal essays: They take up questions that vex her in daily life, then try to explain why they won’t go away.” The award, which includes a purchase prize between \$500 and \$1,000, is endowed by the family and friends of Geraldine Clinton Little, a poet and author of short stories and former vice president of the PSA. Moxley’s book will be distributed to PSA members. “By addressing us, her readers, as intimates, and by showing us her human face — its anxious or querulous aspects as well as its calm and self-determined ones — she enlarges the possibilities of friendship and camaraderie through poetry. She enlarges, that is, faith, in poetry, for all of us,” wrote poet Ange Mlinko of Moxley’s poetry. Moxley is the author of six books of poetry, as well as a book of essays and a memoir. She also has translated three books from French. In 2005, she received the Lynda Hull Poetry Award from Denver Quarterly. The award is given for the best poem, or poems, published in a volume year. The Poetry Society of America was founded in 1910 and is the nation’s oldest poetry organization. It aims to build a larger, more diverse and appreciative audience for poetry while supporting poets through programs and awards. More about PSA and the award is [online](#). More information about Moxley and her poetry is on her [website](#).

Sen. Susan Collins to give Margaret Chase Smith Public Affairs Lecture at UMaine March 31

18 Mar 2015

Political gridlock in Washington, D.C., will be the focus of an address by U.S. Sen. Susan Collins when she gives the Margaret Chase Smith Public Affairs Lecture at the University of Maine on March 31, 2015. Collins’ address, “Incivility and Hyperpartisanship: Is Washington a Symptom or the Cause?” begins at 3:30 p.m., in the Collins Center for the Arts. RSVP is required for the free public event by calling 581.1648 or writing MCSPC@maine.edu. Collins is currently serving her fourth term in the United States Senate. Whether it’s in her role as chair of the Senate Aging Committee, or chair of the Transportation Appropriations Subcommittee, or in her role on the Senate Intelligence Committee, she is constantly working to make both Maine and our nation a better place. UMaine’s Margaret Chase Smith Policy Center brings to campus a person of national status to deliver a lecture in the field of civic and public life. The Margaret Chase Smith Public Affairs Lecture Series was endowed in 1989 by the Margaret Chase Smith Foundation in honor of Sen. Smith’s contributions to Maine and to the nation.

Fellowship Allows Maine Graduates to Explore Marine Policy in Washington

18 Mar 2015

The National Sea Grant College Program has awarded Dean John A. Knauss Marine Policy Fellowships to three Maine graduates. Jeffrey Vieser, Liana James and Andrew Strosahl join 49 fellow graduates from around the country who will spend a year working on marine policy in Washington, D.C. The fellowships provide the opportunity for recent graduates to apply their scientific background to marine and coastal policymaking at the national level. Vieser of Metuchen, New Jersey is one of two Maine Sea Grant scholars selected in 2012 for a year of Sea Grant graduate student research support in the dual degree program in marine science and policy at the University of Maine. As part of his graduate research, Vieser evaluated the potential environmental impacts of the first grid-connected, in-stream tidal power device in the United States. Vieser has worked at the NY/NJ Baykeeper and AmeriCorps, where he faced challenges solving freshwater and marine environmental issues. For his Knauss Fellowship, Vieser will work as a fisheries science coordinator for the National Marine Fisheries Service Office of Science and Technology. James of Boulder, Colorado, a graduate of the University of Maine School of Law, completed her undergraduate degree at Juniata College. As an undergraduate, James sailed aboard the Robert C. Seamans during her semester with Sea Education Association (SEA). During her time with SEA, James sailed to Christmas Island, part of the Republic of Kiribati, where sea-level rise poses an immediate danger to island communities. James has been appointed policy liaison to the executive director of the Committee on the Marine Transportation System. Strosahl of Southington, Connecticut and Dover, New Hampshire is a graduate of Maine Maritime Academy and received his law degree at the University of Maine School of Law, where he developed legal briefs for the Law School and the Conservation Law Foundation. Before completing his law degree, he worked in the merchant marine as a civilian with the U.S. Navy. He received several awards for his service with the Navy, as well as a Commandant’s Citation at Maine Maritime Academy. Strosahl will serve in the office of U.S. Sen. Brian Schatz of Hawaii during his Knauss Fellowship. The Knauss Fellowship was established in 1979 for students interested in ocean, coastal and Great Lakes resources and the national policy decisions that affect those resources. Qualified graduate students spend a year with hosts in the legislative and executive branch of

government. The program is named in honor of one of the founders of the National Sea Grant College Program, former NOAA Administrator John A. Knauss.

BDN Publishes Op-Ed by Butler

18 Mar 2015

The [Bangor Daily News](#) published the opinion piece “Older, poor adults get short shrift in LePage’s budget proposal” by Sandra Butler, a professor of social work at the University of Maine. Butler also is a member of the Maine Regional Network, part of the Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members’ columns appear in the BDN every other week.

Hopkins Quoted in KJ, Morning Sentinel Article on Maine Maple Sunday

18 Mar 2015

Kathy Hopkins, a maple syrup expert with the University of Maine Cooperative Extension, was quoted in a Morning Sentinel and Kennebec Journal [article](#) titled, “Maple Sunday to go on in central Maine even if sap doesn’t.” More than 100 sugar houses across the state will open their doors to the public as part of the 32nd annual Maine Maple Sunday, even though producers have little sap to boil, according to the article. Hopkins said syrup production began last week in most places, but there is still a shortage of sap. The ideal conditions for sap collection are temperatures that dip into the 20s during the night and rise into the mid-40s during the day — plus plenty of sun and little wind, the article states. “We’ll still have a good season, I think,” Hopkins said.

Margaret Chase Smith Public Affairs Scholarship Accepting Applications

19 Mar 2015

Applications are now being accepted for the 2015–2016 Margaret Chase Smith Public Affairs Scholarship. The \$3,500 scholarship is open to undergraduate students of all majors who are conducting research on a topic related to public policy. To be eligible for the scholarship, students must be a Maine resident currently enrolled at UMaine and taking at least 12 credits, be an undergraduate student with a GPA of at least 3.0, and have completed 40 credit hours before the current semester. The scholarship will be awarded in two installments of \$1,750 per semester. The scholarship program is administered by the Margaret Chase Smith Policy Center with the assistance of a university selection committee. The deadline to apply is Friday, April 17. More information, including the application, is available [online](#).

UMaine Extension Publication Cited in Sun Journal Article on Start of Growing Season

19 Mar 2015

The University of Maine Cooperative Extension [publication](#) “Starting Seeds at Home,” by Extension educator Marjorie Peronto and Extension master gardener Theresa Guethler was cited in a [Sun Journal](#) article about gardeners getting a jump on this year’s growing season. The publication states growing seedlings inside and transplanting them outside is important for plants that take longer to mature or are sensitive to frost, such as tomatoes, peppers, eggplants and melons. “You can start enjoying flowers and harvesting vegetables four to six weeks earlier than if you had waited for the ground to warm up enough for you to sow the seeds outside,” the bulletin states.

Dickerson Writes Op-Ed on Maine Science Festival for BDN

19 Mar 2015

Kate Dickerson, a research associate in the School of Economics at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled “Science isn’t just for lab-coat wearing researchers.” The article focuses on the inaugural Maine Science Festival to be held in Bangor from March 20–22. Dickerson is the festival’s founder and director.

UMaine Extension to Offer Introductory Beekeeping Course in Bangor, WVII Reports

19 Mar 2015

WVII (Channel 7) reported the University of Maine Cooperative Extension will offer an introduction to beekeeping class on April 23 at the Extension Office in Bangor. The free three-hour class will be facilitated by a lifelong beekeeper who will discuss the importance of backyard beekeeping in Maine. Topics will include the required equipment, licensing, insurance, inspections and memberships, according to the report.

UMaine to Participate in Maine Science Festival, Maine Edge Reports

19 Mar 2015

[The Maine Edge](#) advanced the inaugural Maine Science Festival to be held throughout downtown Bangor and at the Cross Insurance Center from March 20–22. Kate Dickerson, a research associate in the School of Economics at the University of Maine, is the festival's founder and director. Several UMaine facilities and community members will offer events as part of the festival, according to the article. UMaine's Virtual Environment and Multimodal Interaction (VEMI) Laboratory will provide hands-on, virtual reality activities, including a driving simulator; the University of Maine Museum of Art will host several workshops, panel discussions and a gallery talk; and Joshua Plourde, communications specialist at the Advanced Structures and Composites Center, and Sam Hess, a UMaine professor of physics and astronomy, will present a drone demonstration and discussion.

WVII Advances Fourth Annual Bearfest Dance Marathon

19 Mar 2015

WVII (Channel 7) reported the University of Maine is holding the fourth annual 12-hour Bearfest Dance Marathon on March 21 at the New Balance Student Recreation Center. Since 2012, the event has raised more than \$130,000 to help area hospitals support local children. This year, UMaine student organizers hope to raise \$75,000 for EMHS Foundation Children's Miracle Network Hospitals, including Eastern Maine Medical Center in Bangor. Starting at 3 p.m., participants will stay at the center for 12 hours, where they will dance and play games, as well as be joined by several children who have received treatment at the hospital, according to the report.

Kelly Speaks with Press Herald About Innovate for Maine, Blackstone Accelerates Growth

19 Mar 2015

Renee Kelly, director of economic development initiatives at the University of Maine, was quoted in a [Portland Press Herald](#) article about the planned end of the \$3 million Blackstone Accelerates Growth (BxG) initiative that aimed to support entrepreneurship in Maine. Among the programs created through BxG is the Innovate for Maine Fellows program that is based in UMaine's Foster Center for Student Innovation. The internship program connects Maine college students with growing companies as a way to create jobs in Maine through innovation and entrepreneurship. Since it was founded in 2012, it has placed roughly 100 college students at Maine companies, according to the article. "We saw a real need because we interact with students every day," Kelly said. "They feel like they don't know about opportunities and have to leave the state to find good opportunities, and at the same time we work with companies that are desperate for talent. We felt there must be a better way, and this program is a way to build those connections. And the Blackstone funding was critical to help get that off ground."

UMaine to Host Salsa-Based Artist Residency

20 Mar 2015

The University of Maine College of Liberal Arts and Sciences will host a three-day artist residency on salsa and jazz that will include interactive workshops, classes, a community jam session and a concert. Salsa for Everyone! will feature Bobby Porcelli and his Afro Latin Jazz Group with members of the Arturo-O'Farrill Orchestra. The performers

will be on campus from March 26–28 and will offer a variety of programs for the UMaine community and general public. Porcelli of New York is considered one of Latin and Afro-Cuban jazz’s most accomplished saxophonist and flautist. Events begin Thursday, March 26 with an interactive workshop with Sam Burtis, a New York jazz scene veteran who has lived in Maine; followed by a percussion studio class and history of jazz class. Friday’s activities include an advanced improv class, salsa clinic, community music jam session, brass workshop with Burtis for UMaine students and area high schoolers, and recording session with the Maine Public Broadcasting Network hosted by Rich Tozier that is open to the public. Saturday will close the residency with an open rehearsal, Q&A session and concert. Most events are free and open to the public. The full schedule is online. For more information or to request a disability accommodation, contact Eleanor Kipping at 581.4721, eleanor.kipping@maine.edu. The residency is supported by the UMaine departments of history, modern languages and music.

Catch the Women’s Basketball WNIT Game

20 Mar 2015

Fans can catch all the action of the University of Maine women’s basketball team’s first-round WNIT contest with Villanova at 7 p.m. Friday. An [online](#) stream is available and the Black Bear Sports Network is broadcasting the contest at 94.1 FM/1230 AM on the radio dial. This will be the third time in program history that UMaine (23–8) has played Villanova (19–13). Each squad has won once. Because UMaine was a co-regular season America East champion, it earned an automatic bid to the 64-team WNIT field. The Wildcats of Villanova earned the automatic qualifier for the Big East conference. This is UMaine’s fourth appearance in the WNIT; the Black Bears also participated in 1990, 2003 and 2005. In 1990, UMaine topped Wyoming, 68-48. If the Black Bears win Friday night, they will play Old Dominion University on Monday; the Monarchs (21-12) bested University of Virginia, 69-62 on Thursday night.

UMaine Student Shares Bodybuilding Journey with Free Press

20 Mar 2015

[The Free Press](#) published an article about University of Maine student Sacre Bahati and his drive to be a professional bodybuilder. Bahati of South Portland is training for the OCB Pine Tree State Bodybuilding Competition this April in Westbrook, according to the article. “As long as I bring my best and have done my best, I don’t care if I come in 10th place. If I was my best self, that’s more than what most people can say,” Bahati said. The [Bangor Daily News](#) also published the article.

AP, Free Press Advance Sen. Susan Collins' Lecture

20 Mar 2015

The Associated Press reported U.S. Sen. Susan Collins will give the Margaret Chase Smith Public Affairs Lecture at the University of Maine on March 31. Collins’ address, “Incivility and Hyperpartisanship: Is Washington a Symptom or the Cause?” begins at 3:30 p.m. in the Collins Center for the Arts. RSVP is required for the free public event by calling 581.1648 or writing MCSPC@maine.edu. The [Portland Press Herald](#), [WLBZ](#) (Channel 2) and [The Washington Times](#) published the AP article. [The Free Press](#) also carried a report on the lecture.

WLBZ Interviews Female UMaine Wrestler After Winning National Title

20 Mar 2015

WLBZ (Channel 2) spoke with first-year student Samantha Frank about becoming a 2015 National Collegiate Women’s Wrestling Association champion. The 105-pound Frank recently captured the crown in Texas. Frank, a nursing major who also is on the UMaine cheering squad, was voted most outstanding wrestler at the meet and earned All-American status. While the Windham High School graduate was the sole female wrestler for the Black Bears, her win catapulted UMaine to a fifth-place finish in the 15-team field. “Wrestling for Maine is huge because it’s home,” Frank said.

Kersbergen Writes Article for BDN on Growing Farmers’ Revenue

20 Mar 2015

Richard Kersbergen, a University of Maine Cooperative Extension educator on sustainable dairy and forage systems, wrote an article for the [Bangor Daily News](#) titled “How Maine’s vast pastureland can help farmers grow revenue.” Even though Maine is seeing a surge in small farms, Kersbergen suggests farm revenues and viability can be increased by tapping into an underutilized resource: grass. “Maine has a huge amount of grass pastures and hayfields that can produce quality milk and meat at a low cost,” Kersbergen wrote. He added Maine has a lot of acreage that could potentially produce high-quality forage for beef and lamb production.

Alpert Guest on MPBN’s ‘Maine Calling’ Radio Show

20 Mar 2015

Michael Alpert, president of the Greater Bangor Area NAACP, was a recent guest on the [Maine Public Broadcasting Network](#)’s “Maine Calling” radio show. The show, titled “Anniversary of the march on Selma,” celebrated the march and examined where the nation stands in regards to civil rights 50 years later. Alpert also is the director of the University of Maine Press, a division of UMaine’s Raymond H. Fogler Library.

Bayer Discourages Use of Green Crabs as Lobster Bait in BDN Article

20 Mar 2015

Bob Bayer, executive director of the Lobster Institute at the University of Maine, spoke with the [Bangor Daily News](#) for the article, “Study: Green crabs pose parasite threat as lobster bait.” There has been heightened interest in recent years for finding a commercial application for invasive green crabs, and using the crabs as lobster bait has been considered, according to the article. However, a new study by a pair of Canadian scientists determined a parasite has been found in lobsters baited with the crabs. Bayer said he recommends lobstermen do not use green crabs as bait, at least until further studies can be conducted. “These are credible people,” he said of the scientists who conducted the study. “Don’t do it.” Bayer also said the cold weather this winter could have drastically reduced the green crab population.

Samantha Frank: Three Cheers

20 Mar 2015

First-year student Samantha Frank is a 2015 National Collegiate Women’s Wrestling Association champion. The 105-pound Frank pinned two-time All-American Mikayla Pica of Southwestern Oregon Community College to capture the crown in March in Allen, Texas. Frank, a nursing major, was voted Most Outstanding Wrestler at the meet and earned All-American status. While Frank was the sole female wrestler for the Black Bears, her win catapulted UMaine to a fifth-place finish (21.5 points) in the 15-team field. Southwestern Oregon Community College won its fourth consecutive women’s team title with 128 points. Ottawa University in Kansas (98), Springfield Technical Community College (64.5) and University of Massachusetts Amherst (26.5) placed second through fourth, respectively. Frank began wrestling in middle school. She wanted to play football, but says her father persuaded her to wrestle because she would be competing with people of similar size. After all her accomplishments, Frank could have executed a quality celebratory cheer; the Windham High School graduate also is a cheerleader at UMaine. “I like being the face of the school and being a positive example,” she says. Frank, who is training to be a resident assistant at UMaine, also strives to be a positive role model to young girls she coaches. UMaine wrestling coach Don McCann says Frank has a lot of natural talent but that her work ethic and determination distinguish her as a wrestler. At practice, McCann says Frank’s teammates, all men, outweigh her by about 20-25 pounds. Two of those men — Jacob Powers and River Robertson — also earned All-America honors as they led the Black Bears to a fourth-place finish (49.5 points) among 57 Division II teams. Washington State University won the Division II men’s team crown with 66.5 points. Powers, a senior who graduated from Camden Hills Regional High School, garnered a fourth-place finish in the 174-pound division. And Robertson, a first-year wrestler who graduated from Bucksport High School, placed fifth in the 184-pound class. Powers and Robertson, both state champions in high school, are captains of the UMaine squad. McCann, Mike Carter and

Aaron James are UMaine coaches, and Bill Osmer is an adviser.

Partnerships in Aquaculture Innovation: Sea & Reef and UMaine

23 Mar 2015

Sea & Reef Aquaculture LLC in Franklin, Maine, is one of the largest marine ornamental fish hatcheries in the world. It is based in an aquaculture incubator that was established with support from the Maine Technology Asset Fund (MTAF) and located at the University of Maine Center for Cooperative Aquaculture Research (CCAR). Sea & Reef Aquaculture CEO and founder Soren Hansen, who received a Ph.D. in marine biology from UMaine, grew his business that now employs eight with technical support from the university. Sea & Reef specializes in captive breeding of marine ornamental fish for the saltwater aquarium hobby, selling to retail pet stores and wholesale distributors in the U.S and to overseas markets. The company, incorporated in 2003 while Hansen was conducting his Ph.D. research, is committed to conservation and the need to develop marine ornamental aquacultures to reduce fishing pressure on the world's coral reefs, where fish are often obtained in ways that are destructive to both the organisms and surrounding environment. In 2008, Sea & Reef successfully cultured about 1,000 clownfish per month belonging to 10 different species, and needed a place to expand. MTAF funding was secured for the project and the CCAR business incubator underwent renovation. In early 2011, Sea & Reef Aquaculture relocated from a modest lab space facility at the University of Maine's Aquaculture Research Center to the newly renovated 12,000-square-foot CCAR business incubator. With the help of funding from a Maine Technology Institute Development Loan and technical assistance from CCAR personnel, Sea & Reef installed modern aquaculture production systems by adapting culture technology developed in Maine for intensive food fish culture to marine ornamental fish aquaculture. As a result, Sea & Reef has increased production to commercial levels in the past four years at the CCAR business incubator and is now culturing more than 50 different species and color morphs, including Sea & Reef's signature "designer clownfish" variations with a retail value of up to \$300 per fish. Sea & Reef's eight full-time staff include University of Maine marine science graduates.

Leahy, Student Write Report for Maine Communities Looking to Start Organizations That Provide Firewood for Those In Need

23 Mar 2015

With the snow beginning to melt, firewood may be the last thing Maine residents want to think about, but according to University of Maine professor Jessica Leahy, spring and summer are the best times to start a wood bank, and her new guide shows communities how. Leahy, an associate professor of human dimensions of natural resources at the University of Maine School of Forest Resources, wrote the guide with Sabrina Vivian, a senior in the Ecology and Environmental Sciences Program. Wood banks are similar to food pantries, but instead of providing food for those in need, they provide firewood at little to no cost for those who rely on wood to heat their homes. "[A Community Guide to Starting & Running a Wood Bank](#)" provides guidance for establishing a wood bank, as well as topics to be considered, including types of wood banks, location, legalities, security, eligibility, firewood sources, volunteers, processing, distribution and equipment. "It walks everyone through the critical aspects of what makes a wood bank, a wood bank," Leahy says. The guide also includes profiles and contact information of New England wood banks, as well as a checklist designed for community members to use when holding an initial wood bank planning meeting. In 2013, when Leahy and Vivian began researching wood banks in New England, they found 12 wood banks throughout the region, with only one in Maine — the Cumberland Wood Bank. All the wood banks started as grassroots organizations without knowing about each other and having to navigate on their own, Leahy says. In November 2014, Leahy and Vivian wrote an opinion piece for the [Bangor Daily News](#) titled, "How wood banks could help Mainers avoid an eat-or-heat dilemma." The op-ed generated a lot of interest, and many phone calls to Leahy asking how to get started and how to donate wood. After the op-ed was published, Leahy also heard from two other existing wood banks in Maine — Vets Helping Vets in Camden and Boothbay Woodchucks in Boothbay. Residents in Waldo County and Bucksport were inspired by the piece and started their own wood banks. Blue Hill also is in the process of creating an organization, Leahy says. Leahy and Vivian decided an online community guide would be helpful for those getting started, and Vivian spearheaded the project as part of her senior capstone. The researchers say there is a demand for wood banks in the state. They use census data to determine communities that have a high percentage of families that heat with wood and experience economic distress, which would benefit from a wood bank. Since starting this winter, the Waldo County Wood Bank

has supported 40 families, Leahy says. Wood banks not only help those in need, but they also bring people together and provide an opportunity for neighbors to help neighbors, she adds. Leahy, who focuses on forest resources, said she got involved with wood banks because she wanted to do something related to the woods that was responsive to the needs of state's residents. Heating in winter is an economic stressor for many families in Maine, and Leahy says a potential solution lies in a renewable Maine resource. "New England has a culture of heating with firewood," Leahy says. "I can't say how much I love that local, renewable resource and doing it the New England way with firewood as opposed to oil." Vivian grew up in Surry and Blue Hill in homes that were heated with wood. With renewable energy career interests and a dedication to her home state, she knew wood banks could positively affect many Maine communities. "The wood bank concept is all about helping your neighbors while also contributing to a more local and sustainable lifestyle,"

Vivian says. "You can't beat the establishment of programs that bring communities together to support people — emotionally and physically — and do so in an environmentally conscious way." Vivian and Leahy plan to post on the School of Forest Resources [website](#) potential demand analysis maps for each of Maine's counties to help communities determine if a wood bank would be beneficial in their respective areas. So far, most of their research has focused on demand. As more wood banks start up in Maine, the team plans to focus on supply and potential firewood sources. For those thinking about starting a wood bank, Leahy says a key component is having someone in charge who is passionate about the cause and helping others. She also advises having a flexible organization structure and adapting through trial and error. Leahy says spring and summer are ideal seasons to start wood banks because there is more time to build a supply, as well as process and dry wood. The guide is available [online](#). For more information on wood banks, contact Leahy at 581.2834, jessica.leahy@maine.edu. Contact: Elyse Kahl, 207.581.3747

CCA to Show National Theatre Live's 'Of Mice and Men' Production

23 Mar 2015

The hit Broadway production "Of Mice And Men," filmed on stage by National Theatre Live, will be shown on the big screen at the University of Maine Collins Center for the Arts at 7 p.m. Friday, March 27. "Of Mice and Men" stars James Franco and Chris O'Dowd and features Leighton Meester and Jim Norton. This revival of John Steinbeck's play has been described as a powerful portrait of the American spirit and a heartbreaking testament to the bonds of friendship. Time called it "a moving masterpiece." The production was nominated for two Tony Awards, including Best Performance by an Actor in a Leading Role in a Play for O'Dowd. For tickets, \$18 for adults and \$8 for students, call 581.1755, 800.622.TIXX (toll-free) or visit collinscenterforthearts.com.

UMaine's Phi Kappa Phi Chapter Inducts 47 Members

23 Mar 2015

Forty-seven members of University of Maine community, including 41 undergraduate and graduate students, were inducted into Phi Kappa Phi, the nation's oldest and largest collegiate honor society, during the chapter's annual meeting on campus March 19. Faculty and alumni inductees were Jeffrey Hecker, executive vice president for academic affairs and provost, who was keynote speaker at the event; Shaleen Jain, associate professor of civil and environmental engineering; Kyriacos Markides, professor of sociology; Gail Werrbach, director and associate professor of social work; Lucille Zeph, associate professor of education; and alumna Sarah Smiley, who has a Master of Arts in Communication from UMaine. Phi Kappa Phi was founded in 1897 at UMaine by 10 seniors led by Marcus L. Urann in an effort to start an honorary society that recognizes outstanding students, faculty and staff from all disciplines. In 1900, the University of Tennessee and Pennsylvania State University joined the society originally named Lambda Sigma Eta Society, making it a national society. Phi Kappa Phi has since grown to an international society with more than one million members from more than 300 campuses across the United States, Puerto Rico and the Philippines. 2015 Phi Kappa Phi-Chapter 1 student inductees:

- Marissa Bovie of Vassalboro, Maine
- Benjamin Whiting Bucklin of Searsport, Maine
- Jie Cao of Shanghai, China
- Kyle Castagnetto of Winslow, Maine
- Jesse T. Clark of Calais, Maine

- Annie Collins of Caribou, Maine
- Sean Christopher Cox of Bar Harbor, Maine
- Katie A. Delcourt of Old Town, Maine
- Nathan Francis Dunn of Berwick, Maine
- Kelly A. Edwards of Pownal, Maine
- Julianna Ennamorati of Waldoboro, Maine
- Jennifer Federico of Glenburn, Maine
- Derek Michael Frey of Kenduskeag, Maine
- Wendy Gibbs of Brooks, Maine
- Andrew Goode of Boothbay, Maine
- Adam Gudroe of Garland, Maine
- Cameron Guild of Manchester, Maine
- Nicolette D. Hashey of Hermon, Maine
- Kathleen R. Hill of Ellsworth, Maine
- Eliza Capen Jones of Newcastle, Maine
- Michael Joseph Kennedy of Biddeford, Maine
- Katrina R. Lapham of Belfast, Maine
- Anne M. Lausier of Bangor, Maine
- Richard H. Luc of Bangor, Maine
- Abigail Adams MacDonald of Yarmouth, Maine
- Joan Marie McCue of Old Town, Maine
- Molly Moreshead of Holden, Maine
- Samantha O'Shea of Kennebunkport, Maine
- Ray G. Peck of Brewer, Maine
- Samantha L. Pelletier of Saint David, Maine
- Elizabeth G. Proctor of Newbury, Massachusetts
- Tyler Quiring of Kelowna, British Columbia, Canada
- Anna Richard of Wareham, Massachusetts
- Allison E. Scully of Waterville, Maine
- Megan W. Smith of Bucksport, Maine
- Bronte Mercedes Sone of Orono, Maine
- Jamie Lynn St. Pierre of Wilton, Maine
- Leanne R. Violette of Bangor, Maine
- Sadie Wight of Bucksport, Maine
- Eric Wold of Freeport, Maine
- Yunhui Wu of Beidou Community, Heilongjiang, China

Press Herald Interviews Student for Report on College Costs

23 Mar 2015

Joshuah Salkind, a first-year student at the University of Maine, spoke with the [Portland Press Herald](#) for an article about the cost of attending public universities. Salkind, who was senior class president and valedictorian at Easton Junior-Senior High School in Aroostook County, said he decided to attend UMaine because he liked its size and that it wasn't too far from home. "I like a larger environment just in terms of the opportunities," he said.

Seymour Writes Op-Ed for BDN

23 Mar 2015

Robert Seymour, the Curtis Hutchins Professor of Forest Resources at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled "Let's celebrate the success of public lands forestry, not ruin it." Seymour also was

quoted in the [Portland Press Herald](#) article, “Public land becomes epicenter in state fight.” According to the Press Herald article, Seymour frequently takes his forestry students to tour the public reserved lands, which he considers model examples of timber management.

Third Class of Maine Track Medical Students Celebrated, Tufts Reports

23 Mar 2015

[Tufts University](#) reported the university’s School of Medicine and Maine Medical Center recently celebrated the third group of students in the Maine Track MD program during Match Day, when medical students across the country learn where they will begin their residency training following graduation this spring. A partnership between Tufts University School of Medicine and Maine Medical Center, the Maine Track MD program trains medical students interested in practicing medicine in underserved urban and rural communities in Maine. The program annually reserves a limited number of seats for sophomores from University of Maine System institutions, Bowdoin, Bates and Colby. The program was established in 2008 — students were first admitted in 2009 — with the hope that a significant number of graduates would go on to practice medicine in Maine.

Judd Quoted in Sun Journal Article on Year Without Summer

23 Mar 2015

Richard Judd, a history professor at the University of Maine, was quoted in a [Sun Journal](#) article about the summer of 1816, which is referred to in Maine as “the year without a summer” and “the summer that never was.” A massive volcano that erupted in Indonesia a year earlier was credited for causing the yearlong winter, according to the article. The summer of 1817 also was cold and prompted many Mainers to move to Ohio, which “promised opportunity, cheap property, better soil and warmer weather,” the article states. Even though the soil was rich in Ohio, the weather wasn’t warm because the state was in the same weather pattern as New England. Many Mainers returned, but Judd said he doesn’t think it ever equalled the amount of people who left.

AP Cites Gabe’s Syrup Industry Study in Maine Maple Sunday Report

23 Mar 2015

The Associated Press, Maine Public Broadcasting Network and [Kennebec Journal/Morning Sentinel](#) cited University of Maine economist Todd Gabe’s 2014 study on the maple industry’s financial impact on the state. Gabe’s study found the industry contributes an estimated \$27.7 million directly to the state’s economy and generates 567 full- and part-time jobs and \$17.3 million in labor income. Including multiplier effects, the industry annually contributes about \$49 million in revenue, 805 full- and part-time jobs and \$25 million in wages to the state’s economy. Beaumontenterprise.com and timesunion.com carried the AP report.

Sorg Quoted in BDN Article on Methadone, Addiction Treatment

23 Mar 2015

Marcella Sorg, a forensic anthropologist for the state and a research professor at the University of Maine, spoke to the [Bangor Daily News](#) about drug overdose deaths for the article, “Maine’s methadone debate puts spotlight on addiction treatment.” Most of the overdose fatalities from methadone don’t involve doses dispensed at clinics, according to the article. Methadone also is prescribed as a pain medication, and it’s that form turning up in the majority of drug deaths involving methadone in Maine, said Sorg, who analyzes statistics on drug fatalities. In 2013, 37 of the 176 drug deaths in Maine involved methadone, she said.

Cyber Defense Team Participates in Regional Competition, Syracuse University Reports

23 Mar 2015

[Syracuse University](#) reported the University of Maine was one of 10 colleges to compete during the 2015 Northeast Collegiate Cyber Defense competition March 20–22. The team earned its spot in the contest hosted by Syracuse and the School of Information Studies (iSchool) after placing fifth in a preliminary competition with 13 other schools that was held in January. According to the National Collegiate Cyber Defense Competition, the contest simulates security operations for a small company. Teams must quickly familiarize themselves with network systems and software before beginning to defend against attacks while also providing customer service to users. [The Daily Orange](#) also carried a report about the competition.

Bridge Year Program Featured in Morning Sentinel Article

23 Mar 2015

The [Morning Sentinel](#) reported on Waterville High School students who are participating in the Bridge Year Program, an educational collaborative involving UMaine that aims to increase the number of Maine students who earn a college degree by giving them access to college classes during their junior and senior years in high school. The program offers credits at a fraction of the cost of attending college, according to the article. In Waterville, 14 students are taking part in the collaboration between the high school, UMaine and Mid-Maine Technical Center. The students travel together to English, math, science and social studies classes taught by high school teachers who have become adjunct UMaine professors and work with the university's professors to ensure that the students are meeting standards of both the high school and college, the article states.

Giudice, Corey Give VEMI Lab Demo at Maine Science Festival, WABI Reports

23 Mar 2015

WABI (Channel 5) covered the inaugural Maine Science Festival that was held throughout downtown Bangor and at the Cross Insurance Center. Several UMaine facilities and community members offered events as part of the festival. UMaine's Virtual Environment and Multimodal Interaction (VEMI) Laboratory provided hands-on, virtual reality activities, including a driving simulator. "Little kids are pretty excited about how cool some of the virtual reality is. The older kids are stopping and talking to our programmers and asking them how it's done," said Richard Corey, the lab's director of operations. Nicholas Giudice, a professor in the School of Computing and Information Science who directs the lab, said he hopes the lab and festival inspire others. "A lot of these kids that are coming in have never thought about this stuff and are leaving going, 'Wow, that's amazing,'" Giudice said.

Psychological Research Paper Among the Top 10 Most-Read in Clinical Case Studies

23 Mar 2015

A research paper by University of Maine psychologists continues to be in the top 10 most-read articles in the journal *Clinical Case Studies*. The research focused on the effectiveness of two years of multicomponent treatment of severe body dysmorphic disorder (BDD) in a 14-year-old girl. As defined by the American Psychiatric Association, BDD is a psychiatric disorder characterized by obsessive thoughts about perceived physical defects. A person with BDD can develop compensatory behaviors, depression and social withdrawal. Treatment at UMaine's Psychological Services Center involved counseling two times per week and periodic home visits focused on exposure with response prevention (ERP) in conjunction with medication, case management, and crisis intervention. The two-year treatment resulted in partial remission of BDD, with significant reductions in obsessive-compulsive behavior and depression, and increased school attendance. The journal article, "ERP, Medication, and Brief Hospitalization in the Treatment of an Adolescent With Severe BDD," was authored by Rachel D. Burrows, a former UMaine graduate student who is now a clinical psychologist at Maine General Medical Center; graduate student Janine Slavec; Douglas W. Nangle, professor of psychology; and April C. O'Grady, director of the UMaine Psychological Services Center. It was published in February 2013.

UMaine Study: Residents Support Investing in Energy Efficiency, Renewable Energy

24 Mar 2015

Fifty-two percent of surveyed Maine adults supported increasing all Mainers' monthly electricity bills to invest in renewable energy options and/or energy efficiency programs to reduce carbon emissions. That's according to a University of Maine study that also found 37 percent of the nearly 400 respondents viewed energy efficiency and renewable energy investments as complementary. They divided the money evenly — giving half to renewable energy investment and half to energy efficiency programs. UMaine economist Caroline Noblet and colleagues conducted the study in 2013, the same year fossil fuels (81 percent) and nuclear energy accounted for more than 90 percent of energy use in the United States. "Energy choice studies generally only gauge support (or not) for a policy, rarely do they take the next step — as we have done here — to look at how people would allocate these investment dollars," Noblet says. "Understanding how Maine people evaluate, and make tradeoffs between, energy policy options is important when we consider investments in our energy portfolio." The survey included four renewable energy options — hydroelectric energy, land-based wind, deepwater offshore wind and tidal energy; each survey participant evaluated one of these choices against energy efficiency. The average dollar amount households were willing to pay for these programs was \$6.76 a month, or more than \$80 per year, per Maine household. When respondents had to choose how much funding to give to each option — renewable energy investments or to an energy efficiency program — participants allocated 56 percent of funds to energy efficiency and 44 percent of funds to renewable energy, on average. In addition, 76 percent of respondents indicated they would distribute 50 percent or more of funds monthly to energy efficiency; 13 percent said they would allot all of the money to energy efficiency. The authors said it is important for energy portfolios to include options attractive to multiple audiences. Noblet conducted the study with Mark Anderson, senior instructor in resource economics and policy and Fellow in the George J. Mitchell Center for Sustainability Solutions; Mario Teisl, director of the School of Economics; Shannon McCoy, UMaine psychologist; and Ed Cervone, executive director at Educate Maine. A total of 397 randomly selected Mainers 18 years old and older took part in the survey — 63 percent were male, 57 was the mean age, \$71,153 was the median annual household income and \$100 was the average monthly electric bill. The researchers noted the surveyed sample was older, had a higher percentage of males and a higher income than Maine's 2012 census percentages. The study was conducted as part of Maine Sustainability Solutions Initiative, a program of the Mitchell Center for Sustainability Solutions, supported by a grant from the National Science Foundation to Maine EPSCoR at the University of Maine. Contact: Beth Staples, 207.581.3777

Six Field Hockey Players Named to National Academic Squad

24 Mar 2015

Six University of Maine field hockey student-athletes were named to the 2014 Gladiator by SGI/National Field Hockey Coaches Association (NFHCA) Division I [National Academic Squad](#). Four of the six Black Bears received the honor for the fourth year in a row. Seniors Zoe Berkey of Duncan, British Columbia; Hannah Keating of York, Maine; Rebecca Paradee of Gardiner, Maine; and Holly Stewart of North Vancouver, British Columbia were honored for the fourth time in their careers. They had a 3.30 grade point average or higher during the first semester of 2014–15. Sophomore Sydney Veljacic of Coquitlam, British Columbia and first-year Madison Cummings of Belfast, Maine also were named to the squad. Stewart and Veljacic were named Scholars of Distinction by the NFHCA for having a 3.9 grade point average or better in the first semester. Maine also earned the National Academic Team Award for obtaining a 3.0 team grade point average or higher during the first semester. More information is online.

UMaine to Host Maine National History Day Competition March 28

24 Mar 2015

More than 300 students and teachers from 36 middle and high schools from around the state will participate in the Maine National History Day competition at the University of Maine on March 28. For the second year in a row, a partnership between UMaine and the Margaret Chase Smith Library, with support from the Maine Humanities Council and the Maine Historical Society, brings the event for students in grades 6–12 to the UMaine campus. National History Day (NHD) is an academic program that began in 1980 to promote critical thinking, research and presentation skills through project-based learning for students of all abilities. More than a half million students, working with thousand of teachers, participate in the national contest annually. Student exhibits, websites, documentaries and performances will

be judged from 10 a.m. to 1 p.m. at several locations on campus including Wells Conference Center, which will house the museum exhibit category that is open to the public. A history scavenger hunt also will take place for participants throughout the day. Charles Stanhope, chairman of the Maine Arts Commission who has worked at the Library of Congress and is a UMaine alumnus, is scheduled to speak at the 2:30 p.m. awards ceremony in Wells. Awards will be given in several categories, and the top state winners will be eligible to compete in the national contest in Washington, D.C. in June. A public recognition ceremony for the state NHD award winners will be held 3:30–4:30 p.m. April 7 in Augusta’s Cultural Building atrium in partnership with the Maine State Archives, Museum and Library. A Maine student’s museum exhibit that won first place in the nation in 2014 also will be on display. The NHD recognition ceremony will be followed by the third annual Maine Humanities Summit from 5–7:30 p.m. at the Senator Inn in Augusta. More information about the summit is online. For questions or to request a disability accommodation, contact John Taylor, NHD state coordinator with the Margaret Chase Smith Library, 317.626.8438, john.m.taylor@maine.edu; or Liam Riordan, UMaine history professor, 207.581.1913, riordan@umit.maine.edu. More information on Maine NHD is [online](#).

Nominations Sought for 2015 Geddes W. Simpson Lecture

24 Mar 2015

The Geddes W. Simpson Lecture Series Selection Committee is calling for nominations for the 14th annual Geddes W. Simpson Lecture, which will be held in fall 2015. The Geddes W. Simpson Lecture invites speakers of prominence that have provided significant insight into the area where science and history intersect. The Geddes W. Simpson Lecture Series Fund was established in the University of Maine Foundation in 2001 by the family of Geddes Wilson Simpson, a well-respected faculty member who began his 55-year career with the College of Life Sciences and the Maine Agricultural Experiment Station in 1931. Simpson was named chair of the Entomology Department in 1954 and remained in that position until his retirement in 1974. Upon his retirement he was awarded emeritus status and thereafter worked part time with the Experiment Station as editor. To nominate a speaker, submit a one-page letter of nomination along with the nominee’s curriculum vitae to Kathleen Bell at kpbell@maine.edu or School of Economics, 5782 Winslow Hall, University of Maine, Orono, ME 04469-5782. The nomination deadline is Monday, April 20. Speakers are welcome from any field that bridges science and history. The lecture series has hosted a broad range of speakers from various academic disciplines. **Geddes W. Simpson Distinguished Lecturers (2008–2014):** Robert R. Steneck, professor of oceanography, University of Maine; “Considering the Future of our Seas Through the Lens of History” (2008) **David R. Foster**, professor of organismic and evolutionary biology and director of the Harvard Forest, Harvard University; “Reading and Conserving New England: Using History to Interpret and Manage Nature” (2009) **Michelle Murphy**, associate professor of history and women and gender studies, University of Toronto; “Avertable Life, Investable Futures: A Cold War Story of Sex and Economy” (2010) **Joseph T. Kelley**, professor of marine geology, University of Maine; “People and Beaches: A Coupled Human and Natural System” (2011) **James R. Fleming**, professor of science, technology and society, Colby College; “Fixing the Sky: The Checkered History of Weather and Climate Control” (2012) **Grace S. Brush**, professor of geography and environmental engineering, Johns Hopkins University; “A Paleocological Record of Long Term Connections Between Land and Water” (2013) **William B. Krohn**, Ph.D., wildlife biologist; “Using Historical Information in Wildlife Science: A Personal Journey” (2014)

Installation of UMaine President Susan J. Hunter March 26

24 Mar 2015

Installation of the University of Maine’s 20th President Susan J. Hunter will take place 3 p.m. March 26 at the Collins Center for the Arts. Highlighting the ceremony will be a keynote address, “Leading with a Cause,” by Nancy Zimpher, chancellor of the State University of New York System. In 2009, Zimpher became the 12th chancellor of the State University of New York (SUNY), the nation’s largest comprehensive system of higher education. Prior to joining SUNY, Zimpher served as president of the University of Cincinnati, chancellor of the University of Wisconsin-Milwaukee, and executive dean of the Professional Colleges and dean of the College of Education at Ohio State University. She has written or co-written numerous books, monographs and academic journal articles on teacher education, urban education, academic leadership and school/university partnerships. Immediately following the Installation, a reception for President Hunter will be held at the CCA. The installation is one of a series of public events

during Women's Leadership Week, part of UMaine's yearlong 150th anniversary celebration.

Maine Edge Previews Women in Leadership Week

24 Mar 2015

[The Maine Edge](#) published a University of Maine news release about Women in Leadership Week, March 24–26. The week is part of UMaine's yearlong 150th anniversary celebration and will feature a series of public events leading to the Installation of UMaine President Susan J. Hunter. "Women in Leadership Week is a celebration of the installation of UMaine's first woman president, but it is also a time to reflect on the many ways that women have shaped our university, to recognize the challenges that women continue to face, and to recommit ourselves to nurturing the next generation of women leaders," said Jeffrey E. Hecker, UMaine executive vice president for academic affairs and provost, and chair of the Women in Leadership Week committee.

Ellsworth American Advances Maryann Hartman Awards

24 Mar 2015

[The Ellsworth American](#) reported Florence Reed of Surry is one of three Maine women and a teen who will be honored as leaders in social justice, community advocacy and cultural preservation at the 29th annual Maryann Hartman Awards on March 24 at the University of Maine. Reed will be recognized for her initiative in creating Sustainable Harvest International, which connects Maine to the global community. The Maryann Hartman Awards Ceremony will be held March 24 in UMaine's Buchanan Alumni House. This year, the free public event is part of Women's Leadership Week, a University of Maine 150th anniversary observance.

UMaine Waste Study Cited in MPBN Report

24 Mar 2015

A 2011 study by the University of Maine School of Economics was cited in the Maine Public Broadcasting Network report, "Lawmakers seeking to reduce waste with composting bill." The study found more than 40 percent of waste generated in the state is organic, with lesser amounts accounted for by paper and plastic. Sarah Lakeman, Sustainable Maine Policy Advocate for the Natural Resources Council of Maine, said addressing the organic component will help the state meet its waste recycling goals.

Fried Talks with WABI About Stephen King, Governor

24 Mar 2015

Amy Fried, a political science professor at the University of Maine, sat down with WABI (Channel 5) to speak about Gov. Paul LePage's recent remarks on author Stephen King in relation to income taxes. Fried also was quoted in a related [Washington Post](#) article.

Huffington Post Reports on Student's Local Election Budget

24 Mar 2015

The Huffington Post's [HuffPost Live](#) published a report on Lee Jackson, a third-year student at the University of Maine, titled "How this college kid won a local election on a \$200 budget." When Jackson was 19 years old, he was elected to the Regional School District No. 34 School Board in Old Town, while maintaining his grades and working a part-time job at McDonald's, according to the report. "For me it was, 'Here's my budget, it's \$200. How can I best spend these \$200?'" he said. "It was a lot of knocking on doors, and coalition building, and organizing, and pizza nights, and photo ops. It's definitely something that's not easy."

2015 Top Gun Program Participants Interviewed for Maine Women Article

24 Mar 2015

Two members of the Top Gun program's Class of 2015 shared their experiences for the recent Maine Women article, "Aiming for success." Kym Dakin and Abi Barnes spoke about why they wanted to sign up for the entrepreneurial development training. The Top Gun program is offered by Maine Center for Entrepreneurial Development (MCED) and UMaine's Target Technology Incubator as part of the Blackstone Accelerates Growth initiative. Participants of the entrepreneur accelerator program attend classes in Portland, Orono or Rockland and work with mentors who help them apply what they learn to accelerate growth. "It has been interesting to learn from others in the process," Dakin said. "It's incredibly inspiring, and I feel deeply honored to be in the room with people doing so many creative and interesting projects."

Ippolito Guest on MPBN's 'Maine Calling' Radio Program

24 Mar 2015

Jon Ippolito, a new media professor at the University of Maine, was a recent guest on the [Maine Public Broadcasting Network](#)'s "Maine Calling" radio program. The show, titled "Social Media 101," focused on the longevity of social media and how best to use and navigate it.

Amernet String Quartet, Silver to Collaborate at CCA

25 Mar 2015

The Amernet String Quartet will unite with University of Maine pianist Philip Silver in a concert that features composers affected by the Holocaust at 3 p.m. Sunday, March 29, at the Collins Center for the Arts. Concert selections for Silver and the award-winning quartet — Misha Vitenson (violin), Marcia Littlely (violin), Michael Klotz (viola) and Jason Calloway (cello) — will include: Viktor Ullmann's Quartet No. 3, op. 46; Mieczyslaw Weinberg's Quartet No. 5, op. 27; and Erich Wolfgang Korngold's Piano Quintet in E major, op. 15. Before the concert, at 2 p.m. in Miller's Cafe at the CCA, Silver will give a free historical lecture about the featured composers and the Holocaust. Silver has presented similar lectures in commercial recordings and at international recitals. The University of Maine Humanities Center is co-presenting the lecture. Coffee and tea will be served. A reception for musicians and concert-goers will be held following the performance. Concert tickets are \$15 for students, \$35 for others; group rates are available. Tickets may be purchased [online](#) or by calling 581.1755, 800.622.TIXX (toll-free).

UMaine Extension Provides School for Poultry Producers

25 Mar 2015

University of Maine Cooperative Extension and the Maine Poultry Growers Association are offering a school for poultry producers from 9 a.m. to 3 p.m. Saturday, April 11, at Kennebec Valley Community College, 92 Western Ave., Fairfield. Topics will include raising poultry on pasture in Maine, proper nutrition and health, predation prevention and efficient management. The school is designed for small- and medium-size producers who raise poultry for eggs or meat. Many topics are suitable for poultry enthusiasts and 4-H teens. The fee is \$25 for MPGA members, \$35 for others. Refreshments, lunch and a reference notebook are included. Registration and more information is online. To request a disability accommodation, call 781.6099 or 800.287.1471 (in Maine).

Maine Edge Previews Emera Astronomy Center's April Shows

25 Mar 2015

[The Maine Edge](#) reported on scheduled public star shows in April at the University of Maine's Emera Astronomy Center. The Maynard F. Jordan Planetarium shows are held 7 p.m. Fridays and 2 p.m. Sundays. Friday nights in April feature "Stars," narrated by Mark Hamill of "Star Wars" fame, and "Astronaut," which gives visitors a glimpse of the training, danger and challenges of those who travel in space. For younger sky watchers, Sunday afternoon shows

introduce introduce a talking astronomy book that leads two children in their homemade cardboard rocket on an adventure around the solar system in “Secret of the Cardboard Rocket.” Admission to all shows is \$6, and seating is limited.

Weekly Advances Poetry Event at Bangor Library

25 Mar 2015

[The Weekly](#) reported the Bangor Public Library in cooperation with the University of Maine and the University of Maine Museum of Art will host the 13th annual POETS/SPEAK! celebration Saturday, April 4. The daylong event is one of the largest free poetry festivals in Maine, according to the article. This year’s program will feature more than 25 well-known and emerging poets from around the state, as well as UMaine students and lecturers.

Moxley Wins National Poetry Award, Maine Edge Reports

25 Mar 2015

[The Maine Edge](#) published a University of Maine news release about English professor Jennifer Moxley receiving the Poetry Society of America’s 2015 William Carlos Williams Award for her book, “The Open Secret.” The award, named after American poet William Carlos Williams, is presented annually by the PSA for a book of poetry written by an author who is a permanent resident of the United States. The book must be published by a small, nonprofit or university press.

Campus Traffic Advisory for March 26

25 Mar 2015

Thursday, March 26, the Dunn and Beta parking lots, and a portion of the Belgrade lot will be closed. Members of the university community are reminded that, with the 3 p.m. Installation Ceremony, parking may be a challenge and traffic on campus is expected to be heavier than usual. Please keep in mind that the Community Connector and Black Bear Orono Express are available. Carpooling is recommended. The 581.INFO line will provide updates on parking availability on campus.

School of Performing Arts to Host Musical Theatre Dance Workshop

26 Mar 2015

The University of Maine School of Performing Arts will host a free musical theatre dance workshop for the public 3 p.m. Friday, April 3. Choreographer and director Raymond Marc Dumond will teach combinations and numbers from “A Chorus Line” and “Chicago” in the Polly Thomas Dance Studio on the second floor of Class of 1944 Hall. Dumond has directed and choreographed musical theatre productions around the state. As a member of the Actors’ Equity Association, he has performed professionally at numerous regional theatres across the United States. More about Dumond is [online](#). For more information or to request a disability accommodation, contact Eleanor Kipping at 581.4721, eleanor.kipping@maine.edu. Registration is not required to attend.

Slate Editor to Visit Campus, Take Part in Public Panel Discussion

26 Mar 2015

Laura Helmuth, science and health editor of Slate.com, will visit the University of Maine as the 2015 Alan Miller Fund visiting journalist. During her March 30–31 visit, Helmuth will speak to communication and journalism classes; meet with UMaine students and faculty; and participate in a public panel discussion. The discussion, “The Art of Science Reporting: Investigating the Best Way to Inform the Public,” will take place 2:30 p.m. Monday, March 30 at Wells Conference Center on campus. The talk is free and open to the public. Helmuth will be joined by Jackie Farwell, health editor of the Bangor Daily News; and Matthew Nisbet, a professor of communication studies and public policy and

urban affairs at Northeastern University, as well as senior editor of Climate Science, an Oxford Research Encyclopedia. College of Liberal Arts and Sciences Dean Emily Haddad will introduce the panel, which will be moderated by Jennifer Moore, assistant professor of communication and journalism at UMaine. Helmuth's visit is part of the Alan Miller Fund for Excellence in Communication and Journalism. The fund is designed to bring experienced journalists to campus to interact with UMaine students, faculty and officials. Past Alan Miller Fund visiting journalists include Abby Goodnough of the New York Times in 2009, Mark Feeney of the Boston Globe and Bettina Boxall of Los Angeles Times in 2010, Abigail Goldman of Los Angeles Times in 2012, and UMaine alumnus Brian Naylor of NPR in 2013. The fund also has supported the UMaine visits of journalists Bob Woodward in 2007 and Doris Kearns Goodwin in 2012. The fund was established by Anne Lucey, a UMaine alumna and current Chair of the Board of Visitors Executive Committee, in memory of Alan Miller, her late husband who taught journalism at UMaine for more than two decades. Helmuth works in the Washington, D.C., office of Slate, a daily online magazine founded in 1996 that offers analysis and commentary about politics, news, business, technology and culture. Helmuth has a Ph.D. in cognitive neuroscience from the University of California, Berkeley and previously worked for Smithsonian and Science magazines. For more information or to request a disability accommodation, contact Jennifer Moore at jennifer.e.moore@maine.edu.

Mainebiz Advances Top Gun 'Matchmaking' Event

26 Mar 2015

[Mainebiz](#) reported Top Gun entrepreneurs from 35 companies plan to meet with potential funders from across the state in a "speed dating" format at the new TechPlace startup incubator at Brunswick Landing. The event is organized by the Maine Center for Entrepreneurial Development, along with the Target Technology Incubator in Orono and the University of Maine Foster Center for Student Innovation, according to the report. The group plans to bring in companies from Top Gun classes in Portland, Rockland and Orono. The Top Gun program is offered by MCED and UMaine's Target Technology Incubator as part of the Blackstone Accelerates Growth initiative. It began in 2009 to initiative growth among entrepreneurs in the state.

Peronto to Speak About Growing Organic Fruit Crops, Ellsworth American Reports

26 Mar 2015

[The Ellsworth American](#) reported University of Maine Cooperative Extension educator and professor Marjorie Peronto and her husband Reeser Manley, who teaches for the UMaine Extension Master Gardener Program, will give a public talk in Ellsworth about how to grow organic fruit crops. The gardening experts and co-authors of "The New England Gardener's Year," will share their knowledge about organically growing strawberries, raspberries and high-bush blueberries March 31 at Ellsworth City Hall Auditorium, according to the article. The free public event is hosted by the Ellsworth Garden Club. Peronto and Manley will cover organic gardening techniques for each of the small fruit crops and will answer questions after the presentation, the article states.

UMaine Lobster Study Cited in ClimateProgress Endangered Species Bracket

26 Mar 2015

A University of Maine study was mentioned in a [ClimateProgress](#) article about March Sadness — the organization's educational bracket tournament of animals affected by climate change and other environmental threats. ClimateProgress will pursue a feature article exploring the story behind whichever animal wins, the website states. The UMaine study was cited in the battle between the lobster and red knot, a migratory bird. The UMaine survey of 11 Gulf of Maine locations found warming in the Gulf may increase the prevalence of lobster shell disease, an unsightly sickness which stresses the lobster and often leads to death, according to the article.

Mikotowicz, Mahon Take Part in MPBN's 'Maine Calling' Book Club

26 Mar 2015

Tom Mikotowicz, a theatre professor at the University of Maine, and John Mahon, the John M. Murphy Chair of

International Business Policy and Strategy and professor of management at UMaine, were recent guests on the [Maine Public Broadcasting Network](#)'s "Maine Calling" radio program. The show focused on Arthur Miller's "Death of a Salesman" as part of the Maine Calling Book Club. Mikotowicz and Mahon discussed the classic work of American literature.

More than 120 Graduate Students to Display Projects at Annual Expo

26 Mar 2015

University of Maine graduate students will showcase their research and artistic works during the Graduate Student Government's 2015 Graduate Academic Exposition April 2–3. Work will be presented, judged and on display from 8:30 a.m. to 4:30 p.m. Thursday and Friday in the Innovative Media Research and Commercialization (IMRC) Center on campus. The event will feature four areas of competition — posters, oral presentations, intermedia and fine arts exhibits, and a PechaKucha, or rapid-fire slide show event. Students from a variety of disciplines are expected to present 129 submissions at this year's event. Seventy percent of the students will take part in the expo for the first time, while 30 percent are returning presenters. The poster and oral presentations will highlight the physical sciences and technology; natural sciences; humanities; and social sciences. The intermedia and fine arts exhibits will include art works, projects and performances. The PechaKucha competition, open to students in all academic disciplines, invites participants to share their work in a slide show lasting under seven minutes. Unlike the other presentations, the PechaKucha talks will be judged by the audience rather than faculty reviewers. Presentations will take place 1–2:30 p.m. Friday, April 3 in the IMRC Center's Black Box space. More than \$12,000 in prizes will be awarded to participants of the Grad Expo. Three new awards — the GSBSE Award in Biomedical Sciences and Engineering, Climate Change Innovation Award and Student Life Award — have been added this year, and will be presented during the awards gala, slated for 6 p.m. Friday, April 3 at the IMRC Center. The gala is open to the public. The Graduate School of Biomedical Science and Engineering awards will be given to graduate students whose research projects are related to molecular and cellular biology; bioinformatics; computational biology and genomics; toxicology; neuroscience; or biomedical engineering. The GSBSE will designate judges to select the winners. The awards will be \$200 for first place, \$100 for second place and \$50 for third place. The \$250 Climate Change Innovation Award will be awarded to a graduate student whose research focuses on climate change causes, effects and choices. Judges will be designated by the Climate Change Institute. The UMaine Division of Student Life will present a \$200 award to a graduate student whose research contributes to improving the lives of students at UMaine or in higher education. Other awards include:

- The President's Research Impact Award, a \$2,000 award given to the graduate student and their adviser who best exemplify the UMaine mission of teaching, research and outreach;
- The Provost's Innovative/Creative Teaching Award, given to graduate students who are lead instructors of a UMaine course and use innovative and creative teaching methods;
- Graduate Student Government Awards, presented to three students in each of the four presentation divisions;
- The Graduate Dean's Undergraduate Mentoring Award, presented for effective undergraduate mentoring in research; and
- The UMaine Alumni Association Alum Award, given to a graduate student who earned their undergraduate degree at UMaine.

Details of the expo are [online](#). For more information or to request a disability accommodation, contact Elisa Sance, Graduate Student Government vice president, at elisa.sance@maine.edu or umainegsggradexpo@gmail.com.

College of Natural Sciences, Forestry, and Agriculture Announces Edith Patch Award Recipient

26 Mar 2015

Nadir Yildirim, a doctoral student in the Wood Science and Technology Program in the School of Forest Resources, was named the 2015 recipient of the College of Natural Sciences, Forestry, and Agriculture's recently renamed Edith Patch Award. Yildirim of Mugla, Turkey studies the production and evaluation of super-light nanocellular structures, nanocomposites, aerogels and eco-friendly foams under the supervision of Stephen Shaler, professor of wood sciences

and technology and director of the UMaine School of Forest Resources. After completing the graduate certificate in Innovation Engineering through the Foster Center for Student Innovation, Yildirim started Revolution Research, Inc. (RRI) based in Orono. RRI focuses on the development and commercialization of eco-friendly replacements of petroleum-based thermal insulation products. Through his Ph.D. studies, supported by the USDA McIntire-Stennis program, a Maine Technology Institute Phase 0 Kickstarter grant and the MTI Technical Assistance Program, Yildirim recently submitted a Small Business Technology Transfer (STTR) grant to the National Science Foundation for research into corn starch and cellulose nanofibrils (CNFs). Nadir's development and testing at the Advanced Structures and Composites Center lead to the creation of an innovative foam board system made of CNFs, which is the focus of the grant application. RRI's goal is to produce the first eco-friendly, recyclable and reusable thermal insulation foam board, which can be used within wall sheathing systems, on floors and in roof systems of residential or commercial buildings. In recognition of UMaine's Women in Leadership Week, the college renamed the Outstanding Ph.D. Student Award to honor Edith Patch, a pioneering entomologist and UMaine faculty member. The Edith Patch Award recognizes graduate students at the Ph.D. level who have distinguished themselves in multiple ways. Recipients are selected based on research and scholarly activity, teaching, professional activity, university and public service, and academic performance; areas in which Patch distinguished herself during her UMaine career. Patch was a major figure in entomology at UMaine from 1904–37. She was the first female president of the Entomological Society of America, was the head of the Entomology Department at UMaine and published several works including "Food Plant Catalogue of the Aphids of the World."

UMaine Marine Scientists Discover Whirlpool Role in Ocean Carbon Sink

26 Mar 2015

Just as crocus and daffodil blossoms signal the start of a warmer season on land, a similar "greening" event — a massive bloom of microscopic plants, or phytoplankton — unfolds each spring in the North Atlantic Ocean from Bermuda to the Arctic. Fertilized by nutrients that have built up during the winter, the cool waters of the North Atlantic come alive during the spring and summer with a vivid display of color that stretches across hundreds and hundreds of miles. **North Atlantic Bloom turns ocean into sea of plankton** In what's known as the North Atlantic Bloom, millions of phytoplankton use sunlight and carbon dioxide (CO₂) to grow and reproduce at the ocean's surface. During photosynthesis, phytoplankton remove carbon dioxide from seawater and release oxygen as a by-product. That allows the oceans to absorb additional carbon dioxide from the atmosphere. If there were fewer phytoplankton, atmospheric carbon dioxide would increase. Flowers ultimately wither and fade, but what eventually happens to these tiny plants produced in the sea? When phytoplankton die, the carbon dioxide in their cells sinks to the deep ocean. **Plankton integral part of oceanic "biological pump"** This so-called biological pump makes the North Atlantic Ocean efficient at soaking up CO₂ from the air. "Much of this 'particulate organic carbon,' especially the larger, heavier particles, sinks," says scientist Melissa Omand of the University of Rhode Island, co-author of a paper about the North Atlantic Bloom published March 26 in the journal *Science*. "But we wanted to find out what's happening to the smaller, nonsinking phytoplankton cells from the bloom. Understanding the dynamics of the bloom and what happens to the carbon produced by it is important, especially for being able to predict how the oceans will affect atmospheric CO₂ and ultimately climate." University of Maine Darling Marine Center researchers Mary Jane Perry, Ivona Cetinic and Nathan Briggs were part of the team with Omand, Amala Mahadevan of Woods Hole Oceanographic Institution and Eric D'Asaro and Craig Lee of the University of Washington that did just that. They discovered the significant role that swirling currents, or eddies, play in pushing nonsinking carbon to ocean depths. "It's been a challenge to estimate carbon export from the ocean's surface waters to its depths based on measurements of properties such as phytoplankton carbon. This paper describes a mechanism for doing that," says David Garrison, program director in NSF's Division of Ocean Sciences. The NSF funded the research. **Tracking a bloom: Floats, gliders and other instruments** During fieldwork from the research vessels *Bjarni Saemundsson* and *Knorr*, the scientists used a float to follow a patch of seawater off Iceland. They observed the progression of the bloom by making measurements from multiple platforms. Autonomous gliders outfitted with sensors gathered data including temperature, salinity, as well as information about the chemistry and biology of the bloom — oxygen, nitrate, chlorophyll and the optical signatures of the particulate matter. At the onset of the bloom and for the next month, four teardrop-shaped seaglidars gathered 774 profiles to depths of up to 1,000 meters (3,281 feet). Analysis of the profiles showed that about 10 percent had unusually high concentrations of phytoplankton bloom properties, even in deep water, as well as high oxygen concentrations usually found at the surface. "These profiles were showing what we initially described as 'bumps' at depths much deeper than

phytoplankton can grow," says Omand. **Staircases to the deep: ocean eddies** Using information collected at sea by Perry, D'Asaro and Lee, Mahadevan modeled ocean currents and eddies (whirlpools within currents), and their effects on the spring bloom. "What we were seeing was surface water, rich with phytoplankton carbon, being transported downward by currents on the edges of eddies. Eddies hadn't been thought of as a major way organic matter is moved into the deeper ocean. But this type of eddy-driven 'subduction' could account for a significant downward movement of phytoplankton from the bloom," says Mahadevan. Perry, interim director of the DMC, says the discovery reminds her of a favorite quote from French chemist and microbiologist Louis Pasteur: "Where observation is concerned, chance favors only the prepared mind." "I feel that this project is a wonderful example of the chance discovery of an important process in the ocean carbon cycle," she says. "It all started when I was chief scientist on the R/V *Knorr* during the North Atlantic bloom expedition, spending hours and hours staring at profiles of temperature and phytoplankton. "Initially it was very puzzling — how could high surface concentrations of phytoplankton and oxygen make it down intact to 300 and 400 meters? But the combination of many measurements from autonomous gliders and simulations from models lead to the unexpected finding that ocean eddies or whirlpools are important forces in transporting phytoplankton and their associated carbon to great depths." In related work published in 2012 in *Science*, the researchers found that eddies act as early triggers of the North Atlantic Bloom by keeping phytoplankton in shallower water where they can be exposed to sunlight to fuel photosynthesis and growth. Next, the scientists will seek to quantify the transport of organic matter from the ocean's surface to its depths in regions beyond the North Atlantic and at other times of year, and relate that to phytoplankton productivity. Learning more about eddies and their link with plankton blooms will allow for more accurate global models of the ocean's carbon cycle, the researchers say, and improve the models' predictive capabilities. "The processes described in this paper are demonstrating, once again, how important the ocean is for removal of atmospheric carbon and controlling Earth's climate," says Cetinic. Contact: Beth Staples, 207.581.3777

Backpack Exhibit to Raise Awareness of Suicide Among College Students

26 Mar 2015

More than 1,000 backpacks on a college green can get students talking. That's part of what they're intended to do. *Send Silence Packing* is a national traveling public education exhibit of 1,100 backpacks that represent the 1,100 college students who annually die by suicide. It's a program of Active Minds Inc., a national nonprofit with a mission to engage students in discussions about mental health. Family and friends of the deceased college students donated the 1,100 backpacks, as well as stories and photos, of their loved ones. Sharing the students' stories across the country helps to humanize the sobering statistics, including that suicide is the second-leading cause of death of college students and that while 44 percent of college students report being so depressed in the past year that it was difficult to function, two-thirds of those who need help do not get it. The exhibit thus seeks to increase awareness of mental health and the scope of suicide, eliminate the stigma surrounding mental illness so that students do not suffer in silence, and to provide information and resources for students in need of assistance. The University of Maine and local community are invited to experience *Send Silence Packing* from 9 a.m. to 4 p.m. Thursday, April 2. Dr. Kelly Shaw, UMaine outreach coordinator and psychologist at the Counseling Center, advises the university's Active Minds chapter, which is one of more than 400 nationwide. She says the plan is to place the backpacks on the campus Mall, but if it's snow-covered, the exhibit will be featured in the Memorial Union Atrium, near the campus bookstore. At *Send Silence Packing*, members of Active Minds will have handouts about mental health, suicide prevention and where people can seek help. UMaine Counseling Center staff also will be on site. "Events like these are very important for us as a campus to come together and acknowledge that people are struggling and they often struggle silently," says Dr. Robert Dana, Vice President for Student Life and Dean of Students. "We strive to be a kind, caring, compassionate community and raising awareness and letting people know that we are a safe place to talk about these serious topics is one way that we can communicate that. We want people to know they are valued and belong here. This is their community and we are here for them." UMaine was selected as one of 12 Northeast campuses to be a part of the *Send Silence Packing* spring 2015 tour. Shaw says she's grateful for the financial support of the Resident Hall Association and Student Government to bring the exhibit to UMaine. Alison Malmon started Active Minds in 2003 after her brother Brian died by suicide when he was a senior in college. More than 300,000 people in 75 communities throughout the United States have experienced *Send Silence Packing* since it was unveiled in 2008 on the National Mall in Washington, D.C. Anyone in the UMaine community wishing to talk is encouraged to contact the Counseling Center at 207.581.1392 or stop by 5721 Cutler Health Center, Room 125 (facing Gannett Hall) Monday through Friday, from 8 a.m. to 4:30 p.m. Additional resources may be found on the Counseling Center [website](#). Contact: Beth Staples, 207.581.3777

Junior Duck Stamp Contest Entries on Display at Buchanan House

27 Mar 2015

Maine student entries in the U.S. Fish & Wildlife Annual Junior Duck Stamp Contest are on display from 9 a.m. to noon Friday, March 27, at Buchanan Alumni House at the University of Maine. The federal program for K–12 students incorporates scientific and wildlife management principles into a visual arts program. It annually introduces youth across the country to wetlands, National Wildlife Refuges and art concepts. The winning design is used to create the Junior Duck Stamp the following year, which is sold by the U.S. Postal Service. Proceeds support conservation education and provide awards and scholarships for students, teachers and schools that participate in the program.

Elections, Baking Contest Slated for Androscoggin-Sagadahoc Extension Meeting

27 Mar 2015

Officers will be elected at the Androscoggin-Sagadahoc Counties Extension Association annual meeting at 6 p.m. Monday, April 13, at the University of Maine Cooperative Extension office, 24 Main St., Lisbon Falls. The public meeting will include presentations by UMaine Extension educators Tori Jackson and Kristy Ouellette and Master Chef Tom Poulin. A catered meal and a baking contest sponsored by King Arthur Flour will follow the meeting. All attendees are eligible to participate. The two baking categories — pies and other desserts — each offer two prizes. First place is a \$50 King Arthur gift card and second place is a \$25 King Arthur gift card. The ASCEA is recruiting new members. In partnership with UMaine Extension staff, County Extension Association members give input on programming needs and oversee budget appropriations that support education programs for county residents. For more information, to RSVP or to request a disability accommodation, call 207.353.5550 or email kymnoelle.sposato@maine.edu.

Annual Bearfest Dance Marathon Raises \$70,600 for Local Hospitals

27 Mar 2015

The University of Maine's fourth annual 12-hour Bearfest Dance Marathon raised \$70,599.99 to help an area hospital support local children. The event surpassed last year's \$55,000 total and became the largest community fundraiser on campus. About 300 people participated in the event at the New Balance Student Recreation Center. Participants stayed at the center for 12 hours, where they danced, played games and visited with several children who have received treatment at Eastern Maine Medical Center in Bangor, an EMHS Foundation Children's Miracle Network Hospital. Brittany Dipompo and Josh Bellinger, UMaine students and co-chairs of the event, say Bearfest is a yearlong effort, with the executive committee spending the school year spreading the word about Bearfest and Children's Miracle Network Hospitals. "On the night of Bearfest, local Miracle [Network] children and their families attend part of the dance marathon. They share their inspiring stories with the participants," the organizers say. "It's also an opportunity to play and have a carefree time making memories with the University of Maine students who have worked so hard to fundraise in honor of them." Money raised from the event will be donated to EMMC's Pediatrics Department and Rosen Neonatal Intensive Care Unit.

Marine Scientists Find Whirlpool Role in Ocean Carbon Sink, Media Report

27 Mar 2015

The [National Science Foundation](#), [Hydro International](#), [Science 2.0](#) and [Phys.org](#) reported on new research related to the North Atlantic Bloom, when millions of phytoplankton use sunlight and carbon dioxide (CO₂) to grow and reproduce at the ocean's surface. When phytoplankton die, the carbon dioxide in their cells sinks. "But we wanted to find out what's happening to the smaller, nonsinking phytoplankton cells from the bloom. Understanding the dynamics of the bloom and what happens to the carbon produced by it is important, especially for being able to predict how the oceans will affect atmospheric CO₂ and ultimately climate," said scientist Melissa Omand of the University of Rhode Island, co-author of a paper about the North Atlantic Bloom published in the journal *Science*. University of Maine Darling Marine Center researchers Mary Jane Perry, Ivona Cetinic and Nathan Briggs were part of the team with Omand, Amala

Mahadevan of Woods Hole Oceanographic Institution and Eric D'Asaro and Craig Lee of the University of Washington that did just that. They discovered the significant role that swirling currents, or eddies, play in pushing nonsinking carbon to ocean depths. "I feel that this project is a wonderful example of the chance discovery of an important process in the ocean carbon cycle," Perry said.

BDN Interviews Markowsky About Maine's Tech Industry Future

27 Mar 2015

George Markowsky, a computer science professor at the University of Maine, was interviewed for a [Bangor Daily News](#) article about the Maine Game Club, a group of 20 students from different area high schools who are interested in digital art and programming. The club aims to educate young programmers and inspire the next generation who could bring tech into the forefront of Maine's culture and economy, according to the article. Markowsky said it's important for young students to realize the culture of the tech industry is changing and while Maine may not be home to massive programming campuses "a significant number" of people who live in Maine telecommute. "It isn't that tech doesn't happen in Maine, it just hasn't been realized," he said. Markowsky also cited Maine's laptop program as an example of the state helping students pursue computer science. "We need to think about things we can do to keep our young people involved in the cutting edge of technology," he said. "The more we can do to prepare them for the future, the better."

Lilieholm Speaks in Support of Proposed National Park, Media Report

27 Mar 2015

The [Bangor Daily News](#), [Mainebiz](#) and WABI (Channel 5) reported Robert Lilieholm, the E.L. Giddings professor of forest policy at the University of Maine, spoke at a press conference in favor of the Katahdin region's proposed national park and recreation area. The conference was held to show More than 200 businesses from around the state endorsed the plan. Lilieholm said the national park could create 450 to 1,000 jobs, and that Bangor has made many investments through the years that have benefited northern Maine. "No single act will turn our region around overnight, but bit by bit and piece by piece, we can visualize and build a better future," he said. The Sun Journal also published the BDN article.

USDA Cites UMaine's iCook Study as Successful Project

27 Mar 2015

A University of Maine-led child food and fitness study was cited in a [USDA](#) news release announcing \$9 million in grants that were awarded to develop childhood obesity intervention programs through colleges and universities in 12 states and Puerto Rico. "Successful projects funded in previous years include the University of Maine's iCook project, which developed online tools to encourage families to cook, eat and exercise together while improving culinary skills and increasing physical activity," the news release states. The project is a five-state, \$2.5 million USDA study designed to prevent childhood obesity by improving culinary skills and promoting family meals.

BDN Covers UMaine President Susan J. Hunter's Installation

27 Mar 2015

The [Bangor Daily News](#) reported on the installation of the University of Maine's 20th President Susan J. Hunter, where she was formally welcomed to her post during a ceremony in the Collins Center for the Arts. Nancy Zimpher, chancellor of the State University of New York System, gave the keynote address. During President Hunter's speech, she said the state's universities are essential to the state's survival in the face of an aging population spread over a vast area and faltering traditional industries that will need to adapt to survive, according to the report. "UMaine stands ready to work with our sister campuses to meet Maine's challenges," she said. President Hunter is the first female president in UMaine's 150-year history. The installation was part a series of public events during Women's Leadership Week.

Undergraduate's Research Looks at Claw Strength to Determine Shipping Viability

27 Mar 2015

Developing a noninvasive procedure to determine the viability of lobsters for shipping was the goal of a recent cross-discipline research project led by a University of Maine undergraduate student. Matthew Hodgkin, a fourth-year animal and veterinary sciences major from Colebrook, Connecticut, developed a method to evaluate lobster livelihood based on claw strength while working with Bob Bayer, executive director of the Lobster Institute at UMaine; Michael “Mick” Peterson, a mechanical engineering professor, and Thomas McKay, a fourth-year mechanical engineering technology student. The inspiration for Hodgkin’s research came from his adviser Bayer who had approached Peterson two years ago as a result of a press inquiry about the strength of lobster claws. Peterson and McKay then built a device to measure the closing strength of a lobster’s crusher claw, Hodgkin says. Hodgkin has since worked with Bayer to determine if the device could be used to predict the viability of lobsters for shipping. Knowing a lobster’s viability is relevant to Maine’s primary seafood industry because it can determine if the crustacean is most suitable for shipping live or going straight to a processing plant, according to Hodgkin. “This research would save the distributors money from losses incurred during shipment. If the most healthy and viable lobsters were picked to ship there would be less casualties due to weakness,” he says. The device is an alternative to the commonly used invasive procedure that calls for measuring serum protein content in lobster blood. Shipping facilities use handheld refractometers to measure the protein once lobster blood is extracted by a syringe, according to Hodgkin. The serum protein measurement reflects the amount of muscle mass a lobster has. Lobsters with less muscle mass would not be able to handle the stress of shipping, Hodgkin says. The technique was developed in the 1980s by Bayer and graduate student Dale Leavitt. The new device allows for muscle mass measurements to be determined by claw strength as opposed to using a blood sample. The prototype contains an aluminum load cell located at the point where the most pressure is exerted by the lobster when it closes its claw. “In our first trial the gripper was made from plastic, and that did not last long with the lobsters,” Hodgkin says. Once the rectangular gripper is placed in the lobster’s grasp, the load cell measures the pressure in pounds per square inch. The measurements then appear on an attached electronic reader that looks similar to a digital alarm clock. Hodgkin examined various lobsters of the same size from different stages of the molt cycle. He tested the lobsters for crusher claw strength using the load cell meter and used a refractometer to evaluate serum protein in the blood. When comparing the methods, he found the closing strength of a crusher claw correlates with serum protein. The prototype has been field tested at local lobster dealers and seems to work well, Hodgkin says. He adds more testing is needed to study the effects of water temperature on the ability of the lobster to show interest and on its strength. Funding for the project came from the Center for Undergraduate Research and the Lobster Institute. Hodgkin also co-owns a lobster-related business with Bayer; Lobster Institute Associate Director Cathy Billings; and Stewart Hardison, a business partner from outside the UMaine community. Lobster Unlimited LLC, formerly LobsteRx, aims to develop products from lobster-processing industry waste, such as shells. The company’s goal is to get more money to lobstermen and improve Maine’s economy. After graduating in May 2015, Hodgkin plans to stay in the Orono area to continue work at Lobster Unlimited and eventually pursue a graduate degree in food science and human nutrition at UMaine. Contact: Elyse Kahl, 207.581.3747

Former ‘Glee’ Star Joins Celtic Thunder for April 7 CCA Show

30 Mar 2015

Former Celtic Thunder and “Glee” star Damian McGinty will be the special guest artist for “The Very Best of Celtic Thunder” show at 7 p.m. Tuesday, April 7, at the Collins Center for the Arts at the University of Maine. McGinty will join Celtic Thunder performers Colm Keegan, Keith Harkin, Ryan Kelly, Emmett O’Hanlon and Neil Byrne for the nostalgic Irish music show that includes dramatic lighting and choreography. Backed by the Celtic Thunder Band, the group will deliver ensemble songs, as well as anthems, fan favorites and solos. The CCA stage will be transformed into an ancient stone Celtic pathway for the performance. Since forming in 2007, Celtic Thunder has sold more than 2 million records and performed at more than 800 shows in the U.S., Canada and Australia. For more information, visit the Celtic Thunder [website](#). Tickets, which cost \$38, \$53 and \$68, are available [online](#) or by calling 581.1755, 800.622.TIXX.

Registration Open for 8th Annual Healthy High Race

30 Mar 2015

The University Credit Union's 8th annual Healthy High 5k/10k and 1-mile run/walk will be held at the University of Maine at 4:20 p.m. Monday, April 20. The race, which begins at UMaine's New Balance Student Recreation Center, promotes health and wellness for members of the university and surrounding community. Early registration fees for the 5k are \$5 for students, \$20 for non-students. Early fees for the 10k are \$10 for students, \$25 for non-students. The 1-mile run/walk is free. Early registration deadline is noon April 15. Registration is available [online](#). Race day registration fees for both the 5k and 10k races are \$10 for students and \$25 for non-students. Proceeds benefit the UMaine Bodwell Center for Service and Volunteerism and the Black Bear Exchange food pantry and thrift store. In addition, donations of used footwear will be collected for Soles4Souls. UMaine employees who participate will earn 20 RiseUP wellness points. For more information or to request a disability accommodation, call Lauri Sidelko at the Student Wellness Resource Center, 581.1423.

Collins Center to Offer Free Screening of Vietnam Documentary, BDN Reports

30 Mar 2015

The [Bangor Daily News](#) reported the Maine Military Community Network, Maine Public Broadcasting Network and Maine Humanities Council will host three public screenings of the Oscar-nominated documentary feature "Last Days in Vietnam." The screenings are April 9 at the The Grand in Ellsworth, April 19 at the Collins Center for the Arts at the University of Maine, and April 21 at the Temple Theatre in Houlton. "[The movie screenings] are a great way to get the vets to come out and to learn what resources are available to them," said Sgt. 1st Class Nathaniel Grace, Maine Military Community Network community liaison.

WABI Reports Student Donates Hair, Raises Money for Cancer Research

30 Mar 2015

[WABI](#) (Channel 5) reported University of Maine student Dan Shorette recently shaved his head to donate his hair to Wigs for Kids, an organization that makes wigs for children losing hair for medical reasons. Shorette said he was inspired by fellow classmate, Juli Scalfani, who lost her younger brother to cancer. "I think it's really incredible that he thinks it's something he should do and wants to do," Scalfani said. "[To] be a voice for kids fighting cancer who don't have a voice." In addition to donating his hair, Shorette also has raised more than \$1,000 for the St. Baldrick's Foundation, an organization that raises money for childhood cancer research, according to the report.

BDN Publishes Q&A with Creech

30 Mar 2015

The [Bangor Daily News](#) printed an interview with Karlton Creech, the University of Maine's director of athletics. The interview, published in question-and-answer format, contains both personal and professional questions that range from "What is the best part about living in Maine" to "What is your vision for the University of Maine's athletic program?"

Bolton, UMaine Classes Cited in Press Herald Article on Restaurant Food Safety

30 Mar 2015

Jason Bolton, an assistant extension professor and food safety specialist at the University of Maine Cooperative Extension, was interviewed for a [Portland Press Herald](#) article about food safety in restaurants. Recent efforts by health inspectors to bring local restaurants into compliance with federal regulations and reduce the risks of potentially dangerous foodborne illnesses are clashing with some of Portland's cutting-edge restaurants that use locally sourced ingredients to make inventive dishes, according to the report. Bolton reviews all Hazard Analysis & Critical Control Points plans for Maine restaurants. The plans are required by the U.S. Food and Drug Administration for large- and small-scale food producers. "It forces them to look at the hazards and where things can go wrong and document that they are doing things correctly," Bolton says of the HACCP plans. Health inspectors also have been taking classes at UMaine to learn about cooking processes that expert chefs have already mastered, the article states. "One of the

challenges is getting all of the inspectors up to date,” Bolton said. “People are coming in at all different levels of knowledge. It’s a complicated system.”

WABI Covers State National History Day Competition

30 Mar 2015

WABI (Channel 5) reported on the Maine National History Day competition held at the University of Maine. More than 300 students and teachers from 36 middle and high schools took part in the contest that promotes critical thinking, research and presentation skills through project-based learning for students of all abilities. Student exhibits, websites, documentaries and performances were on display and judged, with the top state winners becoming eligible to compete in the national contest. “Any time you can see high school and junior high students who are interested in this kind of thing, I think it’s incredibly important. It makes me excited that they’re excited about this kind of stuff,” said UMaine political science professor Mark Brewer. For the second year in a row, a partnership between UMaine and the Margaret Chase Smith Library, with support from the Maine Humanities Council and the Maine Historical Society, brought the event to campus.

UMaine Study Shows Support for Energy Efficiency, MPBN Reports

30 Mar 2015

The Maine Public Broadcasting Network reported a University of Maine study found more than half of Mainers surveyed say they would be willing to pay extra in their electricity bills to support more efficient and/or cleaner fuel development. The study also found 37 percent of the nearly 400 respondents viewed energy efficiency and renewable energy investments as complementary. UMaine economist Caroline Noblet and colleagues conducted the study in 2013. “What we found was that people are in general supportive,” Noblet said. “So we had 52 percent of our respondents say that they would agree to that energy scenario where we invest in renewable energy or energy efficiency.”

CCI, Mayewski Cited in Press Herald Article on Arctic Policy

30 Mar 2015

The Climate Change Institute (CCI) at the University of Maine and its director, Paul Mayewski, were mentioned in the [Portland Press Herald](#) article, “Looking for edge, Maine plunges into Arctic policy.” Maine is positioning itself as a player in Arctic politics, which could increase opportunities for Maine’s climate researchers and several business sectors, according to the article. As Arctic sea ice continues to melt because of climate change, shipping lanes across the top of the world will become more viable, the article states. The CCI, which was established more than 40 years ago, was cited as “one of the nation’s oldest research institutes dedicated to understanding the climate.” Mayewski said as the Arctic Ocean warms, the effects will be felt in Maine. “We have this very long perspective on how the Arctic operates,” he said. “It is very important that Maine play a critical role.”

Forestry Researchers Surveying Residents Along Penobscot River for Economic Development Study

30 Mar 2015

University of Maine professors and Center for Research on Sustainable Forests leaders Sandra De Urioste-Stone and Robert Lilieholm are conducting a survey under the Bay-to-Baxter initiative. The study seeks to identify sustainable economic development pathways for the Penobscot River corridor that protect and leverage the region’s natural resources and quality of place. De Urioste-Stone, leader of the CRSF Nature-Based Tourism Program, and Lilieholm, conservation lands lead for CRSF, are mailing 3,000 surveys to residents along the Penobscot River to learn their views on recreational use of the river, as well as their thoughts on the community and its ability to adapt to changing social, economic and environmental conditions. “It is extremely important to understand and incorporate residents’ views and feedback for effective land and sustainable development planning to occur,” De Urioste-Stone says. The survey is part of the larger project, “Promoting Sustainable Economic Development and Quality-of-Place in Maine: The Penobscot River ‘Bay-to-Baxter Corridor’ Initiative,” which is led by De Urioste-Stone with team members Lilieholm; Claire

Sullivan, associate dean for community engagement; Linda Silka, of the Margaret Chase Smith Policy Center; and John Daigle, associate professor in the School of Forest Resources. The researchers hope the survey will inform ongoing and future sustainable economic development and environmental efforts in the region that stretches from Penobscot Bay to Baxter State Park. The area faces sustainability threats, as well as opportunities, and the team will use community feedback to support improved land use and economic development decisions across the region. Research objectives include determining:

- Characteristics of residents' use of the Penobscot River, including activities, predicting future recreation use and perceptions of environmental conditions of the river;
- Characteristics of residents, including attachment to the Penobscot River, status of employment, education and other socio-demographic descriptions; and
- Beliefs associated with community resilience to environmental and economic development changes.

The Lower Penobscot River Watershed offers an ideal setting for studying and integrating stakeholder participatory scenario modeling, community resilience and sustainable economic development, De Urioste-Stone says. The region faces multiple sustainability challenges, including an aging population, poverty, energy and food insecurities, high dependence on resource extraction, heavy reliance on social assistance programs, strong urban-rural gradients, active species and watershed restoration efforts, and public health challenges. The difficulties, which aren't unique to Maine, pose risks to social, political and economic systems around the world, according to the researchers. They hope what they learn in Maine will have widespread applicability. Even with its set of growing challenges, the watershed has several assets that can develop and leverage community health and economic growth. These assets include UMaine, the Greater Bangor area, the I-95 corridor, Bangor International Airport, an international border, an abundant coastline and natural and cultural amenities that attract tourists. Recent development proposals have sought to build upon and leverage those resources, the researchers say. The project will integrate information generated through the resident and user survey for an alternative futures modeling study led by Harvard Forest and funded by the National Science Foundation that aims to enhance the effectiveness and efficiency of decision making. The study includes service-learning opportunities for several undergraduate and graduate students and is funded by UMaine's Senator George J. Mitchell Center for Sustainability Solutions, the USDA National Institute of Food and Agriculture and the UMaine Rising Tide/NSF ADVANCE Award. The Conservation Lands and Nature-Based Tourism programs at CRSF conduct applied and collaborative research to better understand, monitor and anticipate important issues regarding Maine's conservation lands, and to understand the economic impacts of tourism.

Student Presentations on Travel Study Experiences in Cuba April 15

31 Mar 2015

Students who recently returned from a spring break trip to Cuba will share their experiences in presentations from 4–5:30 p.m. April 15 in 107 D.P. Corbett Business Building. The travel study course, Cuba: Myths and Realities, led by faculty member Barbara Blazej, is offered by the Peace and Reconciliation Studies Program. On the trip to Cuba, March 2–11, students toured many sites and institutions in Havana and in outlining rural areas. They also met with many individuals and organizations to learn about Cuban national priorities.

2015 Annual Juried Student Art Exhibition to Open in Lord Hall Gallery

31 Mar 2015

The University of Maine Department of Art will present the 2015 annual Juried Student Art Exhibition that features work by current studio art, art history and art education students. The exhibition will be on display from April 3 to May 1 in the Lord Hall Gallery on campus. The venue provides the opportunity for undergraduate students at all levels to exhibit their work. This year, more than 90 works of art were selected from over 300 submissions in a range of media. Paintings, drawings, prints, photographs, collages and design, as well as sculptures and ceramic works are included in the exhibition. The exhibition was juried by Julie Horn, visual arts director of the Maine Arts Commission, and Department of Art faculty Laurie Hicks and James Linehan. During the April 3 opening reception, approximately 40 awards and recognitions will be given in studio, art history and art education areas. Awards, in the form of scholarships

and travel grants, as well as book and exhibition awards, will be presented to students who have excelled in their work. The campus community, family and friends are welcome to attend the opening from 5:30 to 7 p.m. The exhibition is free and open to the public. Lord Hall Gallery is open from 9 a.m.–4 p.m. Monday through Friday and is wheelchair accessible.

Weekly Reports on Latest Phi Kappa Phi Inductees

31 Mar 2015

[The Weekly](#) published a University of Maine news release announcing 47 members of the UMaine community, including 41 undergraduate and graduate students, were inducted into Phi Kappa Phi, the nation's oldest and largest collegiate honor society, during the chapter's annual meeting on campus March 19. Phi Kappa Phi was founded in 1897 at UMaine by 10 seniors in an effort to start an honorary society that recognizes outstanding students, faculty and staff from all disciplines. Phi Kappa Phi has since grown to an international society with more than one million members from more than 300 campuses across the United States, Puerto Rico and the Philippines.

Maine Edge Advances Suicide Awareness Event

31 Mar 2015

[The Maine Edge](#) published a University of Maine news release about Send Silence Packing, a national traveling public education exhibit of 1,100 backpacks that represent the 1,100 college students who annually die by suicide. Members of the UMaine and local community are invited to experience the exhibit from 9 a.m. to 4 p.m. Thursday, April 2. Send Silence Packing is a program of Active Minds Inc., a national nonprofit with a mission to engage students in discussions about mental health.

Ellsworth American Reports on Klimis-Zacas' Blueberry Health Benefits Research

31 Mar 2015

The [Ellsworth American](#) reported two University of Maine studies found a diet containing wild blueberries may improve certain characteristics of metabolic syndrome, including lipid status and inflammation. The studies were conducted by Dorothy Klimis-Zacas, a clinical nutritionist and professor at UMaine, and were published in the Journal of Nutritional Biochemistry and British Journal of Nutrition. Having metabolic syndrome increases the risk of developing Type 2 diabetes and cardiovascular disease, according to the article. "Metabolic syndrome is a growing health problem in the United States, impacting roughly one-third of our adult population," Klimis-Zacas said. "We are pleased to report our research indicates that wild blueberry consumption can have significant and positive health impacts on several components of this serious health condition."

Weekly, Maine Edge Preview Museum of Art's Spring Exhibitions

31 Mar 2015

[The Weekly](#) and [The Maine Edge](#) reported on the University of Maine Museum of Art's spring exhibitions that will open to the public on April 3 and run through June 6. The exhibits are Andy Warhol's "Photographs and Screenprints," Elizabeth Livingston's "Dark Houses" and Jennifer Caine's "Amnesia."

Social Work Grad Student Writes Op-Ed for BDN

31 Mar 2015

Alyssa Chauvette, a first-year graduate student in the School of Social Work at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled "Maine's criminal justice system needs a better way to handle the mentally ill." Chauvette received her undergraduate degree in social work from UMaine and works as a graduate research assistant in the UMaine Office of Assessment.

APLU President to Address UMaine's 213th Commencement on May 9

31 Mar 2015

M. Peter McPherson, the president of the Association of Public and Land-grant Universities (APLU), will receive an honorary doctorate and share remarks on May 9 at the 213th Commencement at the University of Maine. In 1865, the University of Maine became the Maine's land grant university and this year's Commencement ceremonies are part of the celebration of that 150th anniversary. McPherson will deliver a keynote address during the 10 a.m. and 2:30 p.m. ceremonies, and will receive his honorary degree in the morning. "In 2015, with UMaine celebrating its 150 years of leadership in Maine and beyond, it's particularly timely and important to have Peter McPherson join us," said UMaine President Susan J. Hunter. "His reflections and insights will add to our anniversary observance and inform our perspective on the role of the land grant university in the 21st century." Since 2006, McPherson has been president of the Washington, D.C.-based APLU. The association, founded in 1887, is North America's oldest higher education association, comprised of public research universities, land-grant institutions and universities in all 50 states, the District of Columbia, four territories, Canada and Mexico. APLU is the leading research, policy and advocacy organization for public research universities like UMaine. McPherson also chairs the Partnership to Cut Hunger and Poverty in Africa, an organization he cofounded to address agricultural production and rural income issues. He is also chair of advisory committee for HarvestPlus, an organization funded at approximately \$40 million annual to research the biofortification of crops grown by workers in poor countries. Biofortification is the genetic improvement of crops to fortify them with vitamin A, iron and zinc. From 1993–2004, McPherson served as president of his alma mater, Michigan State University. Prior to that, he was a group executive vice president with Bank of America, based in San Francisco. He also served as deputy secretary of the U.S. Department of the Treasury and the administrator of the U.S. Agency for International Development (USAID). McPherson is a former chair of the board of directors of Dow Jones and Company, publisher of The Wall Street Journal. Contact: Margaret Nagle, 207.581.3745

2015 Undergraduate Research and Academic Showcase April 14

31 Mar 2015

More than 200 University of Maine students will display their research during the 2015 Undergraduate Research and Academic Showcase on Tuesday, April 14 at Wells Conference Center. The sixth annual event, which runs from 8 a.m.–4:30 p.m., is sponsored by UMaine's Center for Undergraduate Research (CUGR) and is open to any undergraduate at the university. A total of 121 presentations from 229 students in the form of 92 posters, 16 oral presentations or performances, and 13 exhibits will be featured. Several presentations include multiple students. A new electronic judging system will allow the 40 judges to score presentations online using a tablet or smartphone. Students presenting projects that receive the highest scores from judges in each format will receive research scholar medals and cash awards ranging from \$100 to \$200 in various categories. Associate Vice President for Research and Graduate Studies David Neivandt will deliver opening remarks at 9 a.m. UMaine President Susan J. Hunter and Executive Vice President for Academic Affairs and Provost Jeff Hecker will present awards and give closing remarks starting at 4 p.m. The awards presentation will include the announcement of five Summer Research and Creative Academic Achievements Fellowship winners, who will each receive a \$3,000 fellowship. The UMaine community and general public are welcome to attend the free event. Participants and guests can follow the showcase on Twitter and Instagram using #CUGR2015. For more information or to request disability accommodations, call CUGR at 581.3583, or email CUGR@maine.edu, using "CUGR showcase guest request" as the subject. More information, including an event program, is [online](#).

UMaine's Hutchinson Center, Other Community Groups Beneficiaries of Marilyn Duane Estate

01 Apr 2015

The University of Maine Hutchinson Center will receive \$500,000 from the estate of Belfast, Maine resident Marilyn Duane to benefit scholarships and outreach efforts. The gift will be one of four presented April 15 during a meeting of the Belfast Rotary Club at the Hutchinson Center. A total of \$2 million is being awarded from the estate of Marilyn Duane to four organizations: UMaine's Hutchinson Center, United Mid-Coast Charities, Belfast Rotary Club and the

Boy Scouts of America. Marilyn Johnson Duane grew up in Bangor, the daughter of Dr. Henry and Dorothy Carlton Johnson. Marilyn and her late husband, James T. Duane, retired to Belfast in 1987. James was an early computer engineer, who worked for General Electric and was a member of the Belfast Rotary Club. Marilyn was a member of the Belfast Garden Club and the Daughters of the American Revolution (DAR). The couple strongly believed in supporting scholarships, according to attorney and friend Lee Woodward, who is handling Marilyn Duane's estate with co-personal representative Cindy Klewin. Marilyn was inspired by the work of UMaine alumnus James Patterson, the founding director of the Hutchinson Center and member of the Belfast Rotary, who she said opened the door for students to access quality, affordable higher education in a supportive, flexible environment. With the gift from the Marilyn Duane estate, three funds have been established:

- The James C. Patterson Scholarship Fund will award scholarships to nonmatriculated students served by the Hutchinson Center who are enrolled in a University of Maine undergraduate or graduate coursework.
- The Marilyn Duane Scholarship Fund will benefit University of Maine System matriculated students with financial need who are served by the Hutchinson Center.
- The Marilyn and James T. Duane Community Outreach Fund focuses on creating access to lifelong learning opportunities that otherwise would not be available. The fund will be used for educational programming at the Hutchinson Center for personal enrichment, professional development, continuing education and/or early college opportunities at reduced or no cost to participants.

Contact: Margaret Nagle, 207.581.3745

2015 CSA Shares Available from Black Bear Food Guild

01 Apr 2015

The Black Bear Food Guild, a community-supported agriculture (CSA) program that is organized and managed by students in the University of Maine's Sustainable Agriculture program, is offering CSA shares for the 2015 gardening season. In an effort to increase accessibility to fresh, seasonal produce for all members of the community, the Black Bear Food Guild is offering full, half and quarter shares. Full shares are \$500 and are recommended for four people; half shares are \$325 and will feed two people; and quarter shares, ideal for one person, are \$175. Shareholders can pick up produce weekly from mid-June through early October at the university's Rogers Farm. A limited number of shares are available on a first-come, first-served basis. Those interested in purchasing a share for the 2015 season should email the Black Bear Food Guild at blackbearcsa@gmail.com. Since 1994, students have farmed two acres of MOFGA-certified organic vegetables and cut flowers on Rogers Farm. The farmers of the 2015 Black Bear Food Guild are Laura Goldshein, Sara Lyons and Mariah Fujimagari.

UMaine Dining Offers Annual Taste of the World Event April 2

01 Apr 2015

University of Maine students can enjoy authentic cuisine from Mexico, South Korea and Jamaica at three on-campus dining locations during UMaine Dining's Taste of the World event April 2. During the annual event, menus, decor and music of each dining facility will spotlight a different culture, often in consultation with students or other resident experts from the university's international community. This year, Mexico will be at Hilltop featuring various salads, quesadillas, fish, steak, rice, beans and salsa; with churros, flan and cakes for dessert. South Korea will be showcased at Wells Central complete with a Dim Sum station, sushi and spring roll station, Pho bar, and other entrees with beef, chicken, rice and noodles; with desserts made with rice or green tea. York will highlight Jamaican fare filled with jerk chicken, soups, plantains, vegetables, salads, soups, and — for dessert — pineapple upside-down cake and coconut banana and chocolate bread pudding. UMaine Dining uses local foods and produce in their recipes including the international cuisine for the Taste of the World event. A part of UMaine Dining's mission is raising awareness of the value and sustainability of supporting locally sourced produce and products from Maine. Although aimed primarily at resident students, anyone in the UMaine community can enjoy any of the all-you-care-to-eat menus for \$11.50 per adult and \$5.75 per child 12 or under. The international fare in the three dining facilities will be served during dinner starting at 4:30 p.m. To prepare for the event, the three locations will close at 2 p.m.

Nineteen UMaine Faculty Members Receive Tenure and/or Promotion, Weekly Reports

01 Apr 2015

[The Weekly](#) reported the University of Maine System Board of Trustees has approved promotion and/or tenure for 19 University of Maine faculty members. The faculty were nominated by UMaine President Susan J. Hunter based on a peer and administrative review of their successful work in teaching, research and public service. “The annual tenure and promotion process is truly a celebration of the excellence of our faculty,” said President Hunter. “They are key to helping UMaine fulfill its statewide mission of teaching, research, scholarship, economic development and outreach. And they are essential to the UMaine distinction — from the student experience and community engagement to the national- and international-caliber research.”

Maine Edge Advances 2015 Graduate Academic Exposition

01 Apr 2015

[The Maine Edge](#) published a University of Maine news release about the Graduate Student Government’s 2015 Graduate Academic Exposition April 2–3. Work will be presented, judged and on display in the Innovative Media Research and Commercialization (IMRC) Center on campus. The event will feature four areas of competition — posters, oral presentations, intermedia and fine arts exhibits, and a PechaKucha, or rapid-fire slide show event. Students from a variety of disciplines are expected to present 129 submissions at this year’s event.

Weekly, Maine Edge Publish Article on Wood Bank Community Guide

01 Apr 2015

[The Weekly](#) and [The Maine Edge](#) published a University of Maine news release about a new guide that shows communities how to start a wood bank. Jessica Leahy, an associate professor of human dimensions of natural resources in the School of Forest Resources, and Sabrina Vivian, a senior in the Ecology and Environmental Sciences Program, wrote “[A Community Guide to Starting & Running a Wood Bank](#)” to provide guidance for establishing a wood bank, as well as topics to be considered, including types of wood banks, location, legalities, security, eligibility, firewood sources, volunteers, processing, distribution and equipment. Wood banks are similar to food pantries, but instead of providing food for those in need, they provide firewood at little to no cost for those who rely on wood to heat their homes.

Lilieholm Quoted in WLBZ Report on Telephone Meeting to Discuss National Park

01 Apr 2015

Robert Lilieholm, the E.L. Giddings professor of forest policy at the University of Maine, was quoted in a WLBZ (Channel 2) report about a teleconference town hall meeting planned for Wednesday, April 1 to discuss the proposed Katahdin-region national park. The amount of jobs the park would generate has been researched and predicted by Headwaters Economics and peer reviewed by state economists, according to the report. “There are plenty of examples across the U.S. where national parks and other types of protected areas have really become these engines of economic growth, and we’re seeing as these areas are created and as they grow, new businesses come into the area. It’d be very, very unusually for this not to be an economic success,” said Lilieholm, one of the reviewers of the Headwaters prediction.

Maine Sea Grant Program Awarded \$800,000, Media Report

01 Apr 2015

WABI (Channel 5) and [Mainebiz](#) reported the Maine Sea Grant Program at the University of Maine will receive \$798,312 in grant funding from the National Oceanic and Atmospheric Administration (NOAA) to support its research,

education and outreach efforts done on behalf of Maine's coastal communities. U.S. Sens. Susan Collins and Angus King announced the award in a press release. "Maine's coastal communities are a vital part of our economy," the senators said in a joint statement. "We are pleased NOAA has invested these funds in Maine Sea Grant, which will enable them to continue their important work as a resource and advocate for communities up and down the Maine coast." Designated as a Sea Grant College, UMaine is one of 33 NOAA Sea Grant Programs throughout the coastal and Great Lakes states. The award is part of Sea Grant's regular funding in a four-year cycle that extends to 2018, according to the release. The full release is [online](#).

Media Report on Student's Lobster Claw Strength, Shipping Viability Research

01 Apr 2015

The [Bangor Daily News](#), Associated Press, Maine Public Broadcasting Network and WNPR in Connecticut reported on research being conducted by Matthew Hodgkin, a fourth-year animal and veterinary sciences major at the University of Maine, under the guidance of Bob Bayer, executive director of the Lobster Institute at UMaine. The cross-discipline research project focused on developing and testing a noninvasive procedure to determine the viability of lobsters for shipping based on claw strength. A couple of years ago, Bayer approached UMaine mechanical engineering professor Michael "Mick" Peterson about developing a way to measure how hard a lobster can squeeze, according to the article. Peterson and Thomas McKay, a fourth-year mechanical engineering technology student, developed a pressure sensor that could fit in a lobster's claw. Under Bayer's guidance, Hodgkin has spent a couple of years studying the results of claw pressure tests. When comparing them to the more invasive serum test results, they found a close correlation between each lobster's serum level and the power of its grip, the article states. WABI (Channel 5), [Seacoast Online](#) and Times Union carried the AP report. [Phys.org](#) and [FIS](#) published the UMaine news release on the research, and [Government Technology](#) published the BDN article.

Media Cover Sen. Susan Collins' Margaret Chase Smith Public Affairs Lecture

01 Apr 2015

The Associated Press, [Bangor Daily News](#), [Maine Public Broadcasting Network](#), [WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported on the Margaret Chase Smith Public Affairs Lecture given by U.S. Sen. Susan Collins at the Collins Center for the Arts. Collins' address was titled "Incivility and Hyperpartisanship: Is Washington a Symptom or the Cause?" She urged her congressional colleagues to restore civility by putting "progress over partisanship, statesmanship over stridency and compromise over conflict," the AP reported. [Foster's Daily Democrat](#) and the [Greenfield Daily Reporter](#) carried the AP article.

Upcoming Humanities Issue of Maine Policy Review to be Focus of Annual Summit

02 Apr 2015

The third annual Maine Humanities Summit will celebrate the upcoming issue of Maine Policy Review that features expert analysis on the dynamic intersection of the humanities and public policy in Maine. The public is invited to join the conversation and enjoy hors d'oeuvres and dinner with three of the report's 40 authors starting at 5 p.m. Tuesday, April 7 at the Senator Inn in Augusta. Ron Cantor, president of Southern Maine Community College; Sheila Jans, cultural development consultant and founder of CultureWorth; and Jessica Skwire Routhier, coordinator of the Maine Photo Project and past president of the Maine Archives & Museums, will recap their MPR articles and make brief remarks to spark discussion about the vital role of the humanities across the state. "All of the panelists wrote strong articles for the humanities-themed MPR issue," says Liam Riordan, a history professor and director of the UMaine Humanities Center. "Each addresses different — though related — issues, and they reflect the geographic and intellectual breadth of the humanities in Maine." Cantor, who wrote "Not a Big Stretch: Community College Humanities," earned a Ph.D. from Syracuse University in cultural foundations of education with a focus on history. His career is dedicated to partnerships for community and individual progress. Jans founded CultureWorth, a consultancy rooted in the idea of culture as a powerful force to build better places to live. Her work is motivated by the possibilities that emerge from the intersection of arts and culture with economics. Jans wrote "The Role of the Humanities in Rural

Community Development,” for the report. Routhier, who is an art historian, writer, editor and independent museum professional in South Portland, wrote “The Common Good: Collaboration among Cultural Institutions in Maine.” Maine Policy Review publishes timely, independent, peer-reviewed analysis of public policy issues relevant to the state of Maine. The journal is published two times a year by the Margaret Chase Smith Policy Center at UMaine. It is intended for a diverse audience, including state policymakers; government, business, and nonprofit leaders; students; and general readers with a broad interest in public policy. The latest issue is expected to be released in May 2015. Current and past issues are [online](#). The Maine Humanities Summit is co-hosted by the UMaine Humanities Center, Colby College Center for the Arts and Humanities, Maine Humanities Council and Margaret Chase Smith Policy Center. Registration to the free event is required by contacting Megan Fossa at mefossa@colby.edu or 859.4165. For more information or to request a disability accommodation, visit the UMaine Humanities Center’s website or contact Riordan at riordan@umit.maine.edu or 581.1913. The summit is one of several UMaine Humanities Center events planned for 2015. A public recognition ceremony for award winners of Maine National History Day will be held 3:30–4:30 p.m. before the summit in Augusta’s Cultural Building atrium in partnership with the Maine State Archives, Museum and Library. A Maine student’s museum exhibit that won first place in the national competition in 2014 also will be on display. A list of winners of the statewide National History Day contest is [online](#).

Create Herbal Seasonings with UMaine Extension

02 Apr 2015

Betz Golon, Sabbathday Lake Shaker Village herbalist and University of Maine Cooperative Extension Master Food Preserver, will share her knowledge of herbs from 10 a.m. to 1 p.m. Saturday, April 18 at the UMaine Extension office, 75 Clearwater Drive, Falmouth. “Herbal Seasonings” is the title of the April workshop, which is part of the yearlong “From Scratch: Your Maine Kitchen” series sponsored by University of Maine Cooperative Extension in Cumberland County. Golon, co-owner of Common Folk Farm in Naples, has been the herbalist for Sabbathday Lake Shaker Village in New Gloucester for more than 20 years. She will “salt” herbs, create herb pastes, dehydrate vegetable and herb blends and make beverages, all with herbs that can be grown in a home garden. The workshop includes hands-on demonstrations. Participants will be given recipes and samples to take home. Cost is \$40; proceeds benefit Extension’s Nutrition Program in Cumberland County. Registration is online. For more details, or to request a disability accommodation, contact 781.6099, 800.287.1471 (in Maine), extension.rlreception@maine.edu.

Maine Edge Reports Former ‘Glee’ Star to Appear in Celtic Thunder Show at CCA

02 Apr 2015

[The Maine Edge](#) published a University of Maine news release announcing former Celtic Thunder and “Glee” star Damian McGinty will be the special guest artist for “The Very Best of Celtic Thunder” show April 7 at the Collins Center for the Arts. McGinty will join Celtic Thunder performers for the nostalgic Irish music show that includes dramatic lighting and choreography. For more information, visit the Celtic Thunder [website](#). Tickets are available [online](#) or by calling 581.1755, 800.622.TIXX.

McGill Quoted in Ars Technica Article on Human Land Use Effects on Biodiversity

02 Apr 2015

Brian McGill, an associate professor of ecological modeling at the University of Maine, was quoted in the [Ars Technica](#) article, “How human land use is changing the number of species in ecosystems.” According to the article, a group of researchers recently compiled the results of 378 published ecology studies of over 11,000 sites around the world, including observations of almost 27,000 species — vertebrates, invertebrates, and plants. On average, the researchers found that human land use has reduced local biodiversity by nearly 14 percent and reduced the abundance of organisms by almost 11 percent, with results that vary based on location. The authors also noted a couple of recent studies that found no real trend in local biodiversity, including one McGill was involved in. In an accompanying article in *Nature*, McGill said the study effectively isolates the impacts of land use change from other human impacts. He writes, “It would be odd if the negative effects of land-use change documented by [this study] were exactly counterbalanced, such

that the net effect of all types of human impacts averaged out to zero (at the local scale). Yet that might be the most parsimonious explanation for the results across [these] studies. And it might not be so odd if ecological processes strongly regulate local species richness.”

Hudson Students Participate in Follow a Researcher, WABI Reports

02 Apr 2015

WABI (Channel 5) reported from Hudson Elementary School where fourth graders are taking part in the new Follow a Researcher program offered by the University of Maine Cooperative Extension with support from UMaine’s Climate Change Institute (CCI) and the Maine 4-H Foundation. The program aims to give K–12 students a glimpse into a scientist’s world by providing live expedition updates and facilitating communication between the youth and researchers. Every week, the students take part in a live Twitter session with UMaine climate change researchers Charles Rodda and Kit Hamley who are studying glaciers in Peru. Students in the school also are making connections between the program and projects in other subject areas, such as history and geography, according to the report. “Real life is so abstract when you’re 9 and 10 years old. And so when you can give kids that hands-on experience that connects them to their lives in the moment right now that’s what we want for our kids,” said teacher Sherry Blanchard. The [Weekly](#) also published a UMaine news release about the program.

MPBN Reports on Evolution of Maine’s 4-H Clubs

02 Apr 2015

The [Maine Public Broadcasting Network](#) reported the University of Maine Cooperative Extension’s 4-H program is evolving to prepare students for the world’s changing technology. While traditional farming activities are still a major focus, 4-H is expanding to teach children more about science, technology, engineering and math (STEM), according to the report. Greg Kranich, a physics graduate student at UMaine and one of several 4-H STEM ambassadors who create science and math projects for the 4-H club children, spoke with MPBN about the program. He said in a regular class, students often feel pressured to come up with the right answer quickly, which can harm confidence. Kranich’s 4-H lesson, “Rockets to the Rescue,” is designed to show that science thrives on experimentation and the free exchange of ideas. Laura Wilson, a 4-H science professional with UMaine Extension, said although the program is growing, it isn’t losing it’s tradition. “What our 4-H mission is, is actually positive youth development,” she said. “Those traditions in agriculture, those traditions in those animal science programs, they were always for youth to develop life skills so that they could become productive members of society. Happy, healthy adults.”

PBS NewsHour Interviews Holberton About Songbird Migration

02 Apr 2015

Rebecca Holberton, a professor of biological sciences at the University of Maine, spoke with [PBS NewsHour](#) for a report about the blackpoll warbler, a songbird that migrates from Canada to Puerto Rico without stopping. A team of researchers from Canada and the northeastern United States recently confirmed that the birds fly south over water as far as 1,700 hundred miles with no layover, according to the report. The blackpoll warblers population is declining at a rate of 6 percent per year, the report states. Holberton, who has been studying the birds for 20 years, said it wasn’t uncommon in the past to catch 300 blackpoll warblers in the fall, but now she’s lucky if she gets 30. To understand what’s causing the decline, the researchers hope to learn more about the bird’s life cycle and migratory patterns.

Augusta Ceremony to Recognize Statewide National History Day Contest Winners

02 Apr 2015

A public recognition ceremony to honor statewide winners of the 2015 National History Day competition will be held April 7 in Augusta. The 3:30–4:30 p.m. event is hosted by the Maine State Archives, Museum and Library and will be held in the Cultural Building atrium. The free event and reception are open to the public. All National History Day students, teachers and parents are invited to tour the Maine State Museum free of charge before or after the reception.

National History Day (NHD) is an academic program that began in 1980 to promote critical thinking, research and presentation skills through project-based learning for students of all abilities. More than a half million students, working with thousand of teachers, participate in the national contest annually. For the second year in a row, a partnership between the University of Maine and the Margaret Chase Smith Library, with support from the Maine Humanities Council and the Maine Historical Society, brought the event to the UMaine campus in Orono. More than 300 students and teachers from 36 middle and high schools took part in the contest this year. Student exhibits, papers, websites, documentaries and performances were all judged, with the top state winners becoming eligible to compete in the national contest. A list of the 2015 statewide winners is [online](#). Scheduled guest speakers at the ceremony include Jeff Hecker, executive vice president for academic affairs and provost at UMaine; Bernard Fishman, director of the Maine State Museum; Earle G. Shettleworth Jr., Maine state historian and state historic preservation officer; and Tom Desjardin, acting commissioner of the Maine Department of Education. Noah Binette of Berwick, Maine also will speak at the event. The Noble High School sophomore won first place in the individual exhibit category at the 2014 NHD competition at the University of Maryland in College Park. Binette was one of 47 students representing Maine at the national contest. His winning exhibit on Malaga Island will be on display at the Maine State Museum. For more information or to request a disability accommodation, contact the museum's chief educator, Joanna Torow at joanna.torow@maine.gov or 287.6608. The recognition ceremony is one of several UMaine Humanities Center events planned for 2015. Following the ceremony, members of the public are invited to attend the third annual Maine Humanities Summit at 5 p.m. at the Senator Inn in Augusta. The summit will celebrate the upcoming issue of Maine Policy Review that features expert analysis of the dynamic intersection of the humanities and public policy in Maine. Guests are invited to join the conversation and enjoy hors d'oeuvres and dinner with many of the report's 40 authors. More information about the summit is online. Contact: Elyse Kahl, 207.581.3747

Clinical Psychology Doctoral Researcher One of 10 Winners of the 5th Annual Beck Institute Student Scholarship Competition

02 Apr 2015

Rachel Goetze, a second-year University of Maine clinical psychology doctoral student from Hampden, is one of 10 winners of the 5th Annual Beck Institute Student Scholarship Competition. She was selected from a pool of 800 applicants to attend an intensive three-day workshop on Cognitive Behavior Therapy for Depression and Suicidality at the Beck Institute in Philadelphia. The Beck Institute is a world-renowned training center for mental health professionals to learn cognitive behavior therapy (CBT). CBT is an empirically supported approach for treating a variety of mental disorders. Goetze grew up in Exeter, Maine, and received a Top Scholar award from UMaine. From 2001–05 she earned a bachelor's degrees in psychology and social work. She worked in the neuropsychology department at Eastern Maine Medical Center before joining UMaine's Clinical Psychology Doctoral Program. In her doctoral research Goetze collaborates with Emily Haigh, UMaine assistant professor of psychology. Excerpts from Goetze's application focusing on her research follow: **Tell us about your work in cognitive behavior therapy.** The University of Maine has longstanding dedication to rigorous training in cognitive therapy through coursework, practicum experiences and research opportunities. My mentor, professor Emily Haigh, has reinforced my training and exposure to the science and practice of cognitive therapy. I have utilized a CBT framework to work with individuals with depression, social and generalized anxiety, panic and post-traumatic stress symptoms. **How do you hope to use CBT in the future?** As a scientist-practitioner, I am dedicated to using CBT in the classroom and treatment room, as well as a model to inform my doctoral research. My current research interests are in obesity, specifically in binge eating disorder and bariatric surgery candidate populations. I aim to investigate the role of perceived control as a potential target for treatment. My overarching hypothesis rests squarely on a CBT foundation: Modifying an individual's perception of control will significantly impact binge eating behavior and associated maladaptive emotions such as sadness, embarrassment and hopelessness. **What else do you hope to gain from this training experience?** As a lifelong Maine resident, I am familiar with the constraints of seeking and receiving services in a rural area. I hope to be a part of Maine's commitment to disseminate empirically supported treatment such as CBT by utilizing tools such as telemedicine in order to enable providers statewide. This training with the Beck Institute would allow me to gain expertise in CBT so that one day, I can be in a position to help serve the mental health needs of Maine's rural communities.

High School Students to Take Part in World Languages Day April 10

03 Apr 2015

About 100 students and teachers from area high schools will celebrate World Languages Day at the University of Maine on Friday, April 10 with a culture bowl, food competition, campuswide scavenger hunt and traditional dance lessons. The event runs from 8:30 a.m. to 1:30 p.m. and is an opportunity for local high school students in upper level French and Spanish classes to spend a day at UMaine emerged in their language of study while getting to know the campus and interacting with professors and students from the Department of Modern Languages and Classics. For the new food competition, each school will bring a traditional dish from a French- or Spanish-speaking country that will be judged and enjoyed by the group. During the culture bowl, school teams will compete to answer questions about geography, holidays, famous people, history and current events related to their language studies. Throughout the day, students also will get the chance to learn traditional dances from Quebec and Latin America; recite a short poem in French or Spanish; and take part in a scavenger hunt and bag skit, an impromptu performance incorporating items drawn from a bag. Students from Foxcroft Academy in Dover-Foxcroft; Bangor High School and John Bapst Memorial in Bangor; Hermon High School; and Messalonskee High School in Oakland will attend. The Department of Modern Languages and Classics is hosting World Languages Day for the second year in a row. The event, which initially ended in 2009, was revived in 2014 by sponsorship from the Department of Modern Languages and Classics, The UMaine Humanities Center, The Canadian-American Center and the Foreign Language Association of Maine (FLAME). For more information or to request a disability accommodation, email Danielle Beaupre at danielle.beaupre@umit.maine.edu.

Ellsworth American Article Cites Pettigrew's Ocean Buoy Research

03 Apr 2015

Research by Neal Pettigrew, an oceanography professor at the University of Maine, was cited in an [Ellsworth American](#) article about Penobscot Bay pilot David Gelinas briefing members of Congress about oceanographic buoys. Gelinas urged Congress to maintain funding for the oceanographic and weather buoys he and his colleagues rely on to help them safely bring cargo vessels and cruise ships in and out of port, according to the article. Gelinas specifically spoke about the importance of the New England Regional Association of Coastal Ocean Observing System (NERACOOS) buoys located in the Gulf of Maine. The origins of the system can be traced to Pettigrew's efforts to establish a network of weather and oceanographic buoys that would collect environmental data in the Gulf, the article states. While the system was under development, Pettigrew asked the Penobscot Bay pilots if they would be interested in getting real-time information about weather conditions offshore. "We immediately recognized how valuable it would be to have that data," Gelinas said.

Media Cover Suicide Awareness Event on Campus

03 Apr 2015

The [Bangor Daily News](#), WABI (Channel 5) and WLBZ (Channel 2) reported on Send Silence Packing, a national traveling public education exhibit of 1,100 backpacks that represent the 1,100 college students who annually die by suicide. Members of the UMaine and local community experienced the exhibit in the Memorial Union. Send Silence Packing is a program of Active Minds Inc., a national nonprofit with a mission to engage students in discussions about mental health. "There are a lot of people that struggle, and the more we talk about it the more people will realize it's not an individual issue; it's something that a lot of people struggle with," said Lindsay Stack, co-president of the UMaine chapter of Active Minds. "You never know what someone's dealing with. If you could be the person that they need to interact with to prevent something like this then all it takes is a little bit of effort on your part," graduate student Mike Jakubowski told WABI after viewing the display.

Hart, Climate Change Study Cited in Lakes Region Weekly Article

03 Apr 2015

"[Maine's Climate Future: 2015 Update](#)," a University of Maine report, and David Hart, director of the George J. Mitchell Center for Sustainability Solutions at UMaine, were quoted in a Lakes Region Weekly article about a recent

visit by Sen. Angus King to Naples to discuss the climate's impact on ice fishing. The study found average annual temperatures in the state increased about 3 degrees from 1895 to 2014, primarily due to the sharp buildup of greenhouse gases in the atmosphere, according to the article. The report also states Maine's warm season, which begins when the average daily temperature is above freezing, increased by two weeks from the early 1900s through the 2000s, and Maine's average winters have warmed at a faster rate than its summers. "There is a long-term trend of ice-out happening earlier in the year across many lakes in Maine and many lakes in the Northeast. This is related to the long-term trends of increasing air temperatures," Hart said, adding Sebago Lake's average annual ice-out date has retreated several weeks since the early 1800s.

USDA Blog Features UMaine's iCook Project

03 Apr 2015

A University of Maine-led child food and fitness study was the focus of the [USDA Blog](#) post, "iCook makes healthy living fun for kids." UMaine researchers developed the 4-H iCook project to prevent childhood obesity. The five-state, USDA-funded study encourages families to cook, eat and exercise together while improving culinary skills and increasing physical activity, the article states. "We hope people begin to cook more and eat together more and be more aware of their food," said Adrienne White, project lead and human nutrition professor at UMaine. "We want people to get back to loving food, understanding food, and being able to work with food."

Deer Isle Residents Receive Industry Partner Award from the Lobster Institute

03 Apr 2015

Basil and Harriet Heanssler and their family, long-time owners of Conary Cove Lobster Company in the Sunshine area of Deer Isle, Maine received the Lobster Institute's Industry Partner Award. The award recognizes companies that have a substantial history of working with and supporting the Lobster Institute in its mission to ensure a healthy, sustainable lobster resource and a vital fishery. The award was presented at the Lobster Institute's 2015 Canadian/U.S. Lobstermen's Town Meeting, March 20–21 in Saint John, New Brunswick. The Heansslers were very involved in the establishment of the institute. Basil Heanssler was one of the charter members of the Lobster Institute's board of advisors in 1987. The Heanssler Family has been involved in the lobster industry for generations. Basil's father and grandfather also were lobstermen. Basil took over the management of the lobster company from his father in 1972. He still manages the company, with help from his children and grandchildren. His daughter Kathy is a member of the Lobster Institute's board of advisors. Through the years, the Heansslers have been generous contributors to the Lobster Institute, having made significant financial donations in both cash and gifts of land in both Downeast Maine and two island properties in Nova Scotia. Funds from the sale of this land were used to establish the Basil and Harriet Heanssler Lobster Institute Fund, endowed at the University of Maine Foundation. The Lobster Institute, a division of UMaine's Agricultural and Forest Experiment Station, has been working with and on behalf of the lobster industry since 1987. It is an industry-driven organization focusing on conservation, outreach, research, and educational programs to sustain the lobster resource and maintain a vital fishery. More information about the institute is [online](#).

2015 President's Research Impact Award Presented to Doctoral Student in Education

06 Apr 2015

Courtney Pacholski of China, Maine, a Ph.D. candidate in education at the University of Maine, and her advisor, James Artesani, associate professor of special education, are the recipients of the UMaine 2015 President's Research Impact Award. The annual award, presented at the closing ceremony of the GradExpo April 3, is given to the graduate student and advisor who best exemplify the University of Maine mission of teaching, research and scholarship, and outreach. The \$2,000 as part of the award is shared equally between the student and advisor. The awardees also receive special mention at the Graduate Hooding and Recognition Ceremony on May 8. Pacholski's research focuses on PBIS — positive behavior interventions and supports for rural school districts to help students at risk for behavioral issues that could result in failing at school. Pacholski has taught graduate courses focused on positive approaches to student behavior. In addition, she provides professional development to educators on schoolwide approaches to behavioral

intervention, including the benefits of a check-in/check-out system that establishes regular communication between teachers, students and parents to provide feedback and documentation of youngsters' progress in attaining behavioral goals. In her research, Pacholski has examined the effects, feasibility and possible adaptations of the Check-In/Check-Out model on the behaviors of elementary and middle school students. The results of the study indicate positive outcomes in addressing students' behavior problems in the classroom while strengthening the student-teacher relationship. Pacholski's presentation at the Grad Expo integrated her contribution of evidenced-based behavioral interventions through graduate coursework, professional development and outreach, and research, which has had a positive impact on teachers and students throughout Maine. Pacholski received a bachelor's degree in elementary education from UMaine in 1998, and a master's degree in educational psychology, with a concentration in applied behavior analysis from the University of Southern Maine in 2011. Pursuing a Ph.D. has allowed her to expand her proficiency in the areas of implementation science and multi-tiered systems of behavioral intervention in school settings. Currently, she is working with multiple school districts through the Penobscot Region Educational Partnership (PREP), as well as districts in Kennebec, Lincoln, Aroostook, Androscogin, Oxford, and Franklin counties. In addition to work in PBIS, she has been contributing to the Maine Autism Institute for Education and Research (MAIER) by providing professional development to Maine Autism Leadership Teams (MALT), and by collaborating with the Deborah Rooks-Ellis, the director of MAIER, is helping develop standards for programs supporting individuals with autism spectrum disorder.

2015 Graduate Academic Exposition Winners

06 Apr 2015

More than 120 presentations were made during the 2015 Graduate Academic Exposition in separate categories of four areas of competition — posters, oral presentations, intermedia and fine arts exhibits, and a PechaKucha, or rapid-fire slide show event — as well as a photo contest. About \$12,000 in prize money was awarded at this year's expo, including the \$2,000 President's Research Impact Award given to the graduate student and adviser who best exemplify the UMaine mission of teaching, research and outreach. Courtney Pacholski of China, Maine, a Ph.D. candidate in education, and her adviser, James Artesani, associate professor of special education, won this year's President's Research Impact Award for "The Effects of Check-In/Check-Out on the Behaviors of Elementary and Middle School Students." A complete list of winners is [online](#).

UVAC to Hit Goal of Training 1,000 Members of UMaine Community in CPR

06 Apr 2015

University Volunteer Ambulance Corps (UVAC), the student-run emergency medical service at the University of Maine, is approaching another significant milestone this semester: Training 1,000 members of the UMaine community in hands-only or bystander cardiopulmonary resuscitation (CPR). The training is led by Jonathan Grant and Alana Silverman, UVAC's wellness and education coordinators. All 70 members of UVAC are trained in CPR. UVAC expects to hit the 1,000 mark at one of two campus events this spring: Relay for Life, April 17; and Maine Day, April 29. Bystander CPR is described as a two-step process by the American Heart Association. If a person has collapsed, is unresponsive and not breathing normally, call 911 and begin pushing hard and fast at the center of the victim's chest to the beat of the Bee Gees disco song "Stayin' Alive." According to the American Heart Association, most people who go into sudden cardiac arrest at home, work or in a public location die because they don't receive immediate CPR on the scene. Effective bystander CPR can more than double a victim's chances of survival, but only 32 percent of cardiac arrest victims get CPR from a bystander. In Maine, there are an estimated 1,000 cases of sudden cardiac arrest every year, and only one in 10 victims survives, according to Maine EMS data, says Grant. Hands-only CPR has proven to be as effective as CPR with breaths in treating adult cardiac arrest victims, according to the American Heart Association. Earlier this spring, UVAC was named a HEARTSafe CAMPUS at the National Collegiate Emergency Medical Services Foundation's (NCEMSF) 21st annual conference in Baltimore, Maryland. NCEMSF encourages and promotes community awareness of the potential for saving the lives of sudden cardiac arrest victims through the use of CPR and increased public access to defibrillation. HEARTSafe Campuses are role models to other campuses nationwide to improve overall cardiac arrest care. UVAC was recognized with EMS organizations from seven other institutions including Georgetown University, Fordham University, Tufts University and Virginia Tech.

Zimmerman Fitness Challenge April 18

06 Apr 2015

The University of Maine Naval Reserve Officer Training Corps (NROTC) will host the 2015 1st Lieutenant James R. Zimmerman Memorial Fitness Challenge on April 18. Four-person teams, which can register in one of three categories — hard core, motivated or family, will participate from noon to 5 p.m. in a variety of physical activities including pack runs, pull ups and a crawl through a mud pit. The course will start at the Steam Plant lot and continue throughout campus, to the NROTC House on College Avenue, as well as surrounding fields and trails. The challenge was established in 2011 to honor and remember Zimmerman, a 2008 UMaine graduate from Presque Isle, who was killed in action in November 2010 while in combat during Operation Enduring Freedom in Afghanistan. Registration, which may be completed [online](#), is \$60 per team, \$40 per team for UMaine students. More information about Zimmerman and the challenge is available [online](#) or by emailing Miles Smith at miles.smith@umit.maine.edu.

Professor Emeritus McCormack Writes Opinion Piece for BDN on Woodlot Value

06 Apr 2015

Maxwell McCormack, a research professor emeritus of forest resources at the University of Maine, wrote the opinion piece, “How to increase the value of your woodlot,” for the [Bangor Daily News](#). McCormack has been a forester for more than 60 years.

Low Quoted in BDN Analysis on System’s Tuition Freeze

06 Apr 2015

Ryan Low, interim vice president for administration and finance at the University of Maine, was quoted in a [Bangor Daily News](#) analysis piece about the University of Maine System tuition freeze that keeps the rate at current levels for a fourth straight year. “When you’re looking to compete, certainly for the University of Maine with other New England land grants, cost is a big piece of that,” Low said. “We have the outstanding quality within the system. We also think we bring value to the table.”

BDN Publishes Wertheim’s Video on Building Seedling Stand

06 Apr 2015

The [Bangor Daily News](#) published a University of Maine Cooperative Extension video titled, “How to build a seedling stand to extend the gardening season.” In the video, Frank Wertheim, UMaine Extension educator and professor, demonstrates how to build a stand.

WABI Covers ‘Everything Equine’ 4-H Science Saturday Workshop

06 Apr 2015

WABI (Channel 5) reported on “Everything Equine,” a University of Maine 4-H Science Saturday workshop held at the J.F. Witter Teaching and Research Center in Orono. About 40 youth in grades K–12 learned about horses with Anne Lichtenwalner, a UMaine Extension veterinarian; and Robert Causey, an associate professor of animal and veterinary sciences. “It’s something that kids can do; it’s something hands on,” said Laura Wilson, a 4-H science professional with UMaine Extension. “Kids are perfectly able to grab a stethoscope — listen to their own heart; listen to their own gut; hear the sounds that are going on inside them. And then maybe after today translate what they know from horses to themselves.”

Mayewski Writes Opinion Piece for BDN on Warming Arctic Waters

06 Apr 2015

Paul Mayewski, director of the Climate Change Institute at the University of Maine, wrote the opinion piece, “5 reasons Maine should care about warming Arctic waters,” for the [Bangor Daily News](#). Mayewski cited research that has been conducted in the Arctic by the CCI for many years.

AP Quotes Allan in Article on Hazing Deaths

06 Apr 2015

The Associated Press quoted Elizabeth Allan, a professor of higher education at the University of Maine, in the article, “Similar hazing deaths show difficulty in stopping behavior.” Allan also is president of StopHazing, an organization that aims to promote safe school, campus and organizational climates through research, information sharing and the development of data-driven strategies for hazing prevention. “It’s so tragic and so much hazing is normalized so when it escalates to where someone dies everyone takes notice, but there are many events that tend to lead up to that point that have been overlooked,” Allan said. “We’re trying through research to disrupt that chain of events.” Allan has enlisted eight universities as part of an ongoing three-year study to evaluate hazing prevention techniques, according to the article. Preliminary findings are expected in June. [U-T San Diego](#) and The Indiana Gazette carried the AP report.

Windpower TV Interviews Dagher, Viselli About Floating Turbine Platforms

06 Apr 2015

Habib Dagher, director of the Advanced Structures and Composites Center at the University of Maine; and Anthony Viselli, an engineer at the UMaine Composites Center, sat down with [Windpower TV](#) to speak about developing the floating platform for VoltturnUS, an offshore wind turbine prototype that was deployed off the coast of Castine. Project manager Dagher and design manager Viselli said their research showed concrete hulls can bring down the costs of floating platforms by around 50 percent. “The purpose of the concrete hull is to drive down costs and to access the assets of the civil engineering construction engineering industry,” Dagher said. “So we want to build these hulls just like we build concrete bridges to be able to build them dockside and tow them out. The concrete technology allows us to access 40 years of industrialization for bridge construction, and we’re bringing that into the offshore wind industry. In the U.S. at least, we’re seeing a reduction of at least 50 percent compared to a steel hull.”

Male Athletes Against Violence to ‘Walk a Mile in Her Shoes’ at Healthy High

07 Apr 2015

The University of Maine student organization Male Athletes Against Violence (MAAV) will host the awareness event, “Walk a Mile in Her Shoes,” at the Healthy High race on campus at 4:20 p.m. Monday, April 20. The international event offers an opportunity for men to raise awareness in their community about the serious causes, effects and remediations to men’s sexualized violence against women. Male UMaine student-athletes will wear red high heels and walk one mile to symbolize the difficulty of being a woman in today’s society due to violence against women. More about “Walk a Mile in Her Shoes” is [online](#).

MPBN to Air Sen. Susan Collins’ Lecture at UMaine

07 Apr 2015

The [Maine Public Broadcasting Network](#) will air a talk given by U.S. Sen. Susan Collins at 1 p.m. Thursday, April 9 as part of its “Speaking in Maine” public affairs lecture series. Collins delivered the Margaret Chase Smith Public Affairs Lecture at the Collins Center for the Arts on March 31. During her address, “Incivility and Hyperpartisanship: Is Washington a Symptom or the Cause?,” Collins urged her congressional colleagues to restore civility by putting “progress over partisanship, statesmanship over stridency and compromise over conflict.” The talk can be heard [online](#)

or on MPBN radio stations.

WVII Advances Newport Workshop on Direct Market Tips for Agricultural Products

07 Apr 2015

WVII (Channel 7) reported the University of Maine Cooperative Extension will host a workshop in Newport that will offer tips and techniques on how to reach out to potential customers of agricultural products. UMaine Extension educator Donna Coffin will lead the \$15 workshop from 6:30 to 8:30 p.m. April 29.

Maine Edge Reports on 2015 Juried Student Art Exhibition

07 Apr 2015

[The Maine Edge](#) published a University of Maine news release announcing the University of Maine Department of Art will present the 2015 annual Juried Student Art Exhibition until May 1 in the Lord Hall Gallery. The exhibition features more than 90 works of art that were selected from over 300 submissions in a range of media by current studio art, art history and art education students.

Mainebiz Advances Black Bear Business Conference

07 Apr 2015

[Mainebiz](#) reported the University of Maine Alumni Association will host the second annual Black Bear Business Conference on April 24 at Buchanan Alumni House. Tom's of Maine Founder Tom Chappell is scheduled as a guest speaker at the half-day event. The conference aims to bring Maine's small business owners and entrepreneurs together with economic development resources and successful business leaders, the article states. The event will include presentations, exhibits and panel discussions that will focus on topics such as technology, financing, marketing and legal issues associated with starting a business.

De Urioste-Stone, Lilieholm Speak with MPBN About Penobscot River Survey

07 Apr 2015

University of Maine professors and Center for Research on Sustainable Forests leaders Sandra De Urioste-Stone and Robert Lilieholm spoke with the Maine Public Broadcasting Network about a study they are conducting to identify sustainable economic development pathways for the Penobscot River corridor that protect and leverage the region's natural resources and quality of place. The researchers are mailing 3,000 surveys to residents along the river to learn their views on recreational use, as well as their thoughts on the community and its ability to adapt to changing social, economic and environmental conditions. "We're interested in learning more about the residents along the Penobscot River, their perceptions of the river, how they use it, how they see their connection to the river," De Urioste-Stone said. Lilieholm said the study focuses on the often undervalued and underutilized river. "We started looking at the river as the greatest asset for this region — for Bangor, Brewer and North," Lilieholm said. "The Penobscot just represents this incredible resource, and we really haven't taken advantage of it as we should." [The Maine Edge](#) also reported on the study.

Rachel Goetze: Beck Institute scholarship

07 Apr 2015

Rachel Goetze, a second-year University of Maine clinical psychology doctoral student from Hampden, is one of 10 winners of the 5th Annual Beck Institute Student Scholarship Competition. She was selected from a pool of 800 applicants to attend an intensive three-day workshop on Cognitive Behavior Therapy for Depression and Suicidality at the Beck Institute in Philadelphia. The Beck Institute is a world-renowned training center for mental health professionals to learn cognitive behavior therapy (CBT). CBT is an empirically supported approach for treating a variety

of mental disorders. Goetze grew up in Exeter, Maine, and received a Top Scholar award from UMaine. From 2001–05 she earned a bachelor's degrees in psychology and social work. She worked in the neuropsychology department at Eastern Maine Medical Center before joining UMaine's Clinical Psychology Doctoral Program. In her doctoral research Goetze collaborates with Emily Haigh, UMaine assistant professor of psychology. Excerpts from Goetze's application focusing on her research follow: **Tell us about your work in cognitive behavior therapy.** The University of Maine has longstanding dedication to rigorous training in cognitive therapy through coursework, practicum experiences and research opportunities. My mentor, professor Emily Haigh, has reinforced my training and exposure to the science and practice of cognitive therapy. I have utilized a CBT framework to work with individuals with depression, social and generalized anxiety, panic and post-traumatic stress symptoms. **How do you hope to use CBT in the future?** As a scientist-practitioner, I am dedicated to using CBT in the classroom and treatment room, as well as a model to inform my doctoral research. My current research interests are in obesity, specifically in binge eating disorder and bariatric surgery candidate populations. I aim to investigate the role of perceived control as a potential target for treatment. My overarching hypothesis rests squarely on a CBT foundation: Modifying an individual's perception of control will significantly impact binge eating behavior and associated maladaptive emotions such as sadness, embarrassment and hopelessness. **What else do you hope to gain from this training experience?** As a lifelong Maine resident, I am familiar with the constraints of seeking and receiving services in a rural area. I hope to be a part of Maine's commitment to disseminate empirically supported treatment such as CBT by utilizing tools such as telemedicine in order to enable providers statewide. This training with the Beck Institute would allow me to gain expertise in CBT so that one day, I can be in a position to help serve the mental health needs of Maine's rural communities.

Fresh and Safe

07 Apr 2015

The University of Maine has been awarded two food safety competitive grants from the U.S. Department of Agriculture (USDA), including a \$4.9 million, five-year award to improve processing technologies to enhance the safety and quality of fresh produce and low-moisture foods, such as raw grains, spices, seeds and nuts. The awarded projects are led by Vivian Wu, professor of microbiology and food safety in the School of Food and Agriculture. UMaine was one of 36 universities nationwide to receive a total of \$19 million in awards from the USDA's National Institute of Food and Agriculture (NIFA), including more than \$6.7 million for antimicrobial resistance strategies. The grants focus on research to ensure a safe, nutritious food supply and maintain American agricultural competitiveness, according to the [announcement by the USDA](#). Wu receives a two-year, \$150,000 grant to improve food safety through use of magnetic resonance imaging (MRI) to examine the invasion and localization of pathogens in plants. MRI technology, the same used in medical radiology to visualize internal structures in detail, has the potential to provide more accurate information when compared to the traditional microbiological methods. This new project is expected to develop a novel, noninvasive method using MRI to better determine and understand the internalization of pathogens — first, in produce, and eventually in live animals. The MRI detection system could inform pre-harvest interventions to reduce internalized contamination, meeting USDA/NIFA's goal to reduce food-borne illness and deaths through a safer food supply. This year, Wu receives the first year funding, \$900,000, as first position of the \$4.9 million, five-year research project she leads, focused on enhancing the safety and quality of fresh produce and low-moisture foods by waterless, nonthermal technologies. The focus is on the effectiveness and mechanisms of inactivating bacterial, viral and parasitic pathogens using light and gaseous treatments. In recent decades, there has been a significant increase in the consumption of produce and low-moisture foods, such as nuts, cereals and spices, which are susceptible to contamination by pathogens, from pre- to post-harvest. The challenge for food scientists is to develop new technologies that will improve the safety and extend the shelf life of food products without compromising safety or sensory properties. Unless they are fresh fruits and vegetables consumed raw, most foods are thermally preserved or cooked at high temperatures. Nonthermal treatments allow for the processing of foods below the temperatures used during pasteurization and canning, causing minimal changes in flavor and quality while removing pathogens. This project will investigate the emerging nonthermal technologies, such as decontaminating lights, gaseous treatment and cold plasma (ionized atmospheric air) — processes used on an industrial scale for manufacturing of electronics and medical instruments. Wu's team will use combinations of technologies to optimize product quality and inactivate pathogens, with a goal of commercializing the process. With the technology transfer to industry, it is expected that processors will spend less money on energy inputs — energy for heat, water and chemicals — passing the savings on the consumer. With the increasing outbreaks associated with fresh produce and low-moisture foods, the ability to provide effective microbiological control will be critical to maintaining

consumer confidence in the agricultural and food industries, both in the United States and with international trading partners. This five-year project led by Wu is built on the collaborative efforts of UMaine, USDA ARS Eastern Regional Research Center, University of Delaware, Ohio State University and Virginia Tech. Margaret Nagle, 207.581.3745

RiSE Center Hosts Collaborative Student Science Summit

07 Apr 2015

More than 200 students in grades 6–9 throughout the state will take part in an out-of-this-world collaborative engineering design challenge Saturday, April 11, at the University of Maine. Hosted by the Maine Center for Research in STEM Education at the University of Maine (RiSE Center), the 2015 Student Summit encourages participants to successfully transport a “life-form” through explorations on an earthquake-ridden planet in another solar system. Student engineering teams will share ideas and design solutions to accomplish the challenge, which will be held from 9:30 a.m. to 2:30 p.m. at Estabrooke Hall. “The student summit is a chance for my students to experience being on a college campus while also working with students from other schools on a space-related engineering design project,” says Amy Taylor, ninth grade science teacher at Hermon High School and one of the lead organizers of the Summit. “As teachers, we value the chance to collaborate with other science teachers from other schools through the RiSE Center. We thought it would be cool to give our students the same opportunity to work on science with their peers from around the state.” A total of 60 grade 6–9 physical science educators will assist at the summit and take part in a chemistry professional development session with Mitchell Bruce, UMaine associate professor. Members of Kappa Delta Pi, an International Honor Society in Education at UMaine, and students in the Master of Science Teaching (MST) Program at UMaine will volunteer at the event. Teachers of participating students have been engaged with Maine Physical Sciences Partnership (MainePSP) for five years through a grant from the National Science Foundation. The partnership between UMaine and 28 school districts seeks to strengthen rural science education in Maine by supporting a professional development community for science teachers and improving science teacher recruitment, retention and preparation at UMaine. It also seeks to advance teaching, teacher knowledge and student learning and utilizes a challenging curriculum that encourages schoolchildren to study more science. Visit umaine.edu/mainepsp for more information on the program. Contact: Beth Staples, 207.581.3777

Ukulele Orchestra of Great Britain to play at CCA

08 Apr 2015

Ukulele Orchestra of Great Britain members will sing, whistle and play ukuleles they bought with loose change at 7 p.m. Thursday, April 23, at the Collins Center for the Arts at the University of Maine. The eight-member ukulele orchestra, which formed in 1985, is on its 30 Plucking Years World Tour. In June 2015, it will have clocked 16 million minutes of ukulele action. The performances of the six men and two women are described as “funny, virtuosic, twanging, awesome and foot-stomping.” The orchestra members, who think all genres of music are available for reinterpretation, as long as they are played on the ukulele, dress in formal attire and sit in chamber group format. Selections may include Tchaikovsky, Nirvana, Otis Redding and Westerns. For tickets, which are \$35, \$33 and \$28, visit collinscenterforthearts.com or call 581.1755, 800.622.TIXX.

Rezendes Ethics Lecture Set for Earth Day

08 Apr 2015

Baird Callicott, a philosophy professor at the University of North Texas, will present the 2015 John M. Rezendes Visiting Scholar in Ethics Lecture at 4 p.m. Wednesday, April 22, in Nutting Hall, Room 100 at the University of Maine. Callicott’s Earth Day lecture is titled, “Thinking Like a Planet: The Land Ethic and the Earth Ethic.” A reception will be held at 3:30 p.m. Callicott is the University Distinguished Research Professor of Philosophy and formerly the Regents Professor of Philosophy at the University of North Texas. He is the co-editor-in-chief of the Encyclopedia of Environmental Ethics and Philosophy and has written or edited several books, journal articles and chapters on environmental philosophy and ethics. He has served as president of the International Society for Environmental Ethics, Yale University’s bioethicist-in-residence, and visiting senior research scientist at the National Socio-Environmental

Synthesis Center. Callicott's research focuses on theoretical environmental ethics, comparative environmental ethics and philosophy, the philosophy of ecology and conservation policy, and climate ethics. The John M. Rezendes Visiting Scholar in Ethics Lecture was established in 1999 to critically engage students, faculty and the community in ethical issues of national importance. The lecture is part of the John M. Rezendes Ethics Initiative, a program established through a gift from Dennis and Beau Rezendes, which also includes the John M. Rezendes Ethics Essay Contest open to undergraduate students at UMaine. For more information or to request a disability accommodation, contact Nick Moore at 581.3285 or nicholas.moore@umit.maine.edu.

BDN Reports on Scheduled Speaker for 21st Annual HOPE Festival

08 Apr 2015

The [Bangor Daily News](#) reported international engineering volunteer Robert Sypitkowski of Bangor will speak at the 21st annual HOPE Festival on April 25 at the University of Maine. Sypitkowski went from a career in theater design to a career as an environmental engineer after earning a degree in engineering at UMaine in 1990. He currently is active with the organization Engineers Without Borders. The festival, which stands for Help Organize Peace Earthwide, is put on by the Peace and Justice Center of Eastern Maine as a way to celebrate the Earth and the people on it. The [BDN](#) also published an article advancing the festival, as did WABI (Channel 5), [The Weekly](#) and [The Maine Edge](#).

Kennebec Journal Covers Augusta Ceremony for National History Day Winners

08 Apr 2015

The [Kennebec Journal](#) reported on a public recognition ceremony in Augusta to honor statewide winners of the 2015 National History Day competition that was held at the University of Maine in March. The ceremony was hosted by the Maine State Archives, Museum and Library and was held in the Cultural Building atrium. National History Day (NHD) is an academic program that promotes critical thinking, research and presentation skills through project-based learning for students of all abilities. More than 300 students and teachers from 36 middle and high schools took part in the state contest this year. Student exhibits, papers, websites, documentaries and performances were all judged, with the top state winners becoming eligible to compete in the national contest.

BDN Publishes Op-Ed by Social Work Grad Student

08 Apr 2015

Carmen Linden, a graduate student in the School of Social Work at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled "A proven treatment that can improve the lives of Mainers." Linden of Old Town earned an undergraduate degree in sociology and anthropology from UMaine in 2009.

AP Reports on USDA Grant to Improve Food Safety

08 Apr 2015

The Associated Press reported the University of Maine has been awarded two food safety competitive grants from the U.S. Department of Agriculture (USDA), including a \$4.9 million, five-year award to improve processing technologies to enhance the safety and quality of fresh produce and low-moisture foods, such as raw grains, spices, seeds and nuts. The school is among 36 universities in the country to receive a total of \$19 million in grants from the USDA's National Institute of Food and Agriculture. The awarded projects are led by Vivian Wu, professor of microbiology and food safety in the School of Food and Agriculture. Wu, who in addition to the \$4.9 million grant, also is receiving a two-year, \$150,000 grant to improve food safety through the use of magnetic resonance imaging to examine pathogens in plants. Maine Public Broadcasting Network, [Portland Press Herald](#), seattlepi.com and WABI (Channel 5) carried the AP report.

Learn to Prune, Graft Apple Trees at Free Field Day

09 Apr 2015

University of Maine Cooperative Extension is offering a free apple tree pruning and grafting field day from 10 a.m. to 1 p.m. Saturday, April 25, at Avalon Acres Orchard & Farm, 234 Dexter Road, Saint Albans. Avalon Acres owner Mark Sheriff, an alumnus of the UMaine Extension Master Gardener Volunteers program, will present information about general planting and management practices for apple trees, and demonstrate pruning and grafting in the orchard. Home orchardists and those planning to plant apple trees this spring are invited to attend. Pre-registration is requested but not required. Attendees should wear footwear appropriate for walking on uneven terrain. For more information, to register, or to request a disability accommodation, contact Pete Bastien, 207.474.9622, 800.287.1945 (toll-free in Maine).

WABI Previews Great Maine Bike Swap

09 Apr 2015

[WABI](#) (Channel 5) advanced the 15th annual Great Maine Bike Swap that will be held at the University of Maine's New Balance Student Recreation Center on Sunday, April 12. The Bicycle Coalition of Maine is hosting the swap to give people the opportunity to buy affordable and used bikes, as well as sell their own. Admission is \$3 dollars; UMaine students and children under 13 get in free.

Social Work Grad Student Writes Op-Ed for BDN

09 Apr 2015

Lillian Shields, a graduate assistant and instructor of peer education at the University of Maine's Student Wellness Resource Center, wrote an opinion piece for the [Bangor Daily News](#) titled "It's time for Maine to stop shackling pregnant women." Shields is expected to receive her master's degree in social work this summer.

Weekly Advances Undergraduate Research and Academic Showcase

09 Apr 2015

[The Weekly](#) published a University of Maine news release previewing the 2015 Undergraduate Research and Academic Showcase to be held April 14 at Wells Conference Center. More than 200 students will display their research during the sixth annual event sponsored by UMaine's Center for Undergraduate Research. Presentations in the form of posters, oral presentations and performances will be featured.

Thaler Quoted in BDN Article on Proposed Solar Array at Former Navy Base

09 Apr 2015

Jeff Thaler, assistant university counsel and a visiting professor of energy policy, law and ethics at the University of Maine, was quoted in a [Bangor Daily News](#) article about an attorney and energy project developer who purchased land at the former Navy radar base in Corea, where he plans to build the state's largest grid-connected solar project. The developer said financing for the \$9 million project depends on changes in state law that would allow solar projects to sell renewable energy credits, according to the article. During a March 25 forum on electricity subsidies, Thaler said the return on investment for a commercial solar project can be as long as 18 years, the article states.

Innovate for Maine Success Story Shared in BDN Blog

09 Apr 2015

A Bowdoin College student's experience in the Innovate for Maine Fellows program was the focus of a post on the [Bangor Daily News](#) blog, "Disruptive Growth: Entrepreneurship in Maine and the people, policy and issues related to it." The student spoke about his participation in the program that is based in the University of Maine's Foster Center for Student Innovation. The internship program connects Maine college students with growing companies as a way to create

jobs in Maine through innovation and entrepreneurship. The student worked as an economic analyst for the Maine Technology Institute (MTI).

Press Herald Interviews Belding About High-Skill Jobs in Maine

09 Apr 2015

The [Portland Press Herald](#) spoke with John Belding, director of the University of Maine's Advanced Manufacturing Center, for an article about a new report that says Maine is trailing the rest of New England in developing advanced manufacturing jobs, which require a higher set of skills and also pay better than traditional manufacturing. The report, prepared by the New England Council and Deloitte Consulting, states advanced manufacturing thrives where there are strong networks among businesses, which Belding calls a strength in Maine. He said students who take advantage of learning advanced manufacturing techniques often end up working for Maine companies such as General Electric, Pratt & Whitney and Bath Iron Works. He said in January his phone "starts ringing off the hook" with companies looking for graduating engineering students who have a background in advanced manufacturing techniques. He said the students' background at the university helps foster collaboration and gives Maine a small, but growing, cluster of advanced manufacturing workers.

Knowles Named 2015 Guggenheim Memorial Foundation Fellow

09 Apr 2015

Anne Kelly Knowles, who in August will begin her position at the University of Maine as a professor in the History Department, has been named a 2015 fellow by the John Simon Guggenheim Memorial Foundation. Guggenheim Fellowships are awarded to those who have demonstrated exceptional capacity for productive scholarship or exceptional creative ability in the arts, according to the foundation. The organization receives between 3,500 and 4,000 applications each year, and awards about 200 fellowships annually. Knowles is considered a pioneer in applying Geographic Information Systems (GIS) to history, has written several books on historical GIS, and is an internationally recognized leader in the digital and spatial humanities. She has been a geography professor at Middlebury College in Middlebury Vermont since 2002. Before that she was a fellow at Wellesley College in Wellesley, Massachusetts and a lecturer at the Institute of Earth Studies at the University of Wales, Aberystwyth. Knowles earned a bachelor's degree in English from Duke University and a master's degree and Ph.D. in geography from the University of Wisconsin-Madison. Knowles was the recipient of this year's Faculty Partner Accommodation Program at UMaine. Her spouse is Stephen Hornsby, director of the Canadian American Center and professor of anthropology and Canadian studies. More information about the Guggenheim Fellowships, including a complete list of this year's fellows, is [online](#).

Compost Sale to Benefit 4-H in Androscoggin, Sagadahoc Counties

10 Apr 2015

A compost sale will be held from 8 a.m. to noon Saturday, April 25, at Justalittle Farm, 58 Ridge Road, Lisbon Falls. Compost is seasoned for three years and is suitable for use this growing season. Cost is \$5 per cubic foot bag; truckloads are available for \$35 per tractor scoop. Bags of compost also will be available from 10 a.m. to 2 p.m. April 25 at Tractor Supply Company, 1619 Lisbon St., Lewiston. This is a project of area 4-Hers and is sponsored by and benefits the Androscoggin-Sagadahoc 4-H Leaders' Association, including scholarships, camps and programs and national youth educational trips. For more information, contact KymNoelle Sposato at 353.5550 or kymnoelle.sposato@maine.edu.

Cohen Institute Forum to Focus on Debate over International Free Trade

10 Apr 2015

The University of Maine's Cohen Institute for Leadership and Public Service will host a town hall forum Tuesday, April 14 with international trade expert Peter Madigan '81. The forum, "The Political and Economic Debate over International Free Trade," begins at 2 p.m. in Hill Auditorium, Barrows Hall. It is free and open to the public. Madigan has decades of experience in international trade as a high-level official in the U.S. departments of State, Treasury,

Health and Human Services and the Office of Management and Budget. He currently is a partner in the Washington D.C. firm Peck Madigan Jones, and is a member of the UMaine Board of Visitors. For more information or to request a disability accommodation, contact Richard Powell at 581.1795, rpowell@maine.edu.

Foster's Advances Tree Care Workshop in Wells

10 Apr 2015

[Foster's Daily Democrat](#) reported the University of Maine Cooperative Extension will hold a workshop on caring for fruit trees in the home garden on April 25 in Wells. Workshop topics will include basic fruit-tree pruning techniques and tips on how to care for trees year-round for healthier fruit production, according to the article. The program is part of the Four Season Gardening series at Wells Reserve, sponsored by UMaine Extension's Master Gardener Volunteer program in York County.

Weekly Packet Reports on National History Day Winners from Blue Hill Consolidated School

10 Apr 2015

[The Weekly Packet](#) reported on a group of eighth graders from Blue Hill Consolidated School who created a documentary on Joan of Arc that won an award at the statewide National History Day (NHD) competition. NHD is an academic program that promotes critical thinking, research and presentation skills through project-based learning for students of all abilities. More than 300 students and teachers from 36 middle and high schools took part in this year's state contest, which was held at the University of Maine in March. Exhibits, papers, websites, documentaries and performances were judged, with the top winners becoming eligible to compete in the national contest. The four students and their teacher plan to attend the national contest at the University of Maryland, College Park in June, according to the article.

Sun Journal Publishes Gardening Article by Stack

10 Apr 2015

Lois Berg Stack, an ornamental horticulture specialist with the University of Maine Cooperative Extension, wrote the article, "Gardening to conserve Maine's native landscape: Plants to use and plants to avoid," which was published by the Sun Journal. In the article, Stack cited the UMaine Extension publication, "[Native Plants: A Maine Source List](#)."

Gabe Provides Analysis of City Councilor's Minimum Wage Hike Proposal, BDN Reports

10 Apr 2015

Todd Gabe, an economics professor at the University of Maine, was a panelist at a recent Bangor meeting where City Councilor Joe Baldacci presented his proposal for raising the minimum wage, the [Bangor Daily News](#) reported. Baldacci said a local ordinance would benefit the city and put pressure on state government to enact a statewide increase, according to the article. At the meeting, Gabe provided analysis of Baldacci's proposal. He found if the wage were increased from \$7.50 to \$8.25, 7 percent of the 67,720 workers in the Bangor metropolitan area would be affected. At \$9 per hour, 12 percent would be affected, and at \$9.75 per hour, 18 percent would be affected. Gabe also said national economic studies are mixed and show that raising the minimum wage results in higher wages for some and reduced hours and job losses for others, depending on the study and field of work, the report states.

Two UMaine Projects Receive Northeastern States Research Cooperative Awards

10 Apr 2015

The Northeastern States Research Cooperative (NSRC), a competitive grant program supported by the USDA Forest Service and serving the states of Maine, New Hampshire, New York and Vermont announced its 2015 research awards to advance cross-disciplinary, collaborative research in the Northern Forest region. The University of Maine will lead

two of the 11 projects to receive NSRC Research Awards:

- Classifying and Evaluating Partial Harvests and Their Effect on Stand Dynamics in Northern Maine
 - \$77,371; Project Leader: Christian Kuehne at the University of Maine
- Productivity, Regeneration Patterns, and Precommercial Treatment Options of Two Ecologically Based Silvicultural Systems: Twenty-year Results from the Acadian Forest Ecosystem Research Project (AFERP) Study
 - \$39,985; Project Leader: Robert Seymour at the University of Maine

A total of 95 pre-proposals and 41 proposals were evaluated by four peer review panels. The 11 projects selected were awarded approximately \$925,000 by NSRC and nearly the equivalent in matching funds. The nearly \$2 million will fund research on a range of topics in four core areas of critical importance to Northern Forest communities: society and economics, forest ecology, wood products and forest biodiversity. Since its inception in 2001, NSRC has awarded \$23 million in research funding across the Northern Forest. More about the 2015 NSRC Research Awards and the projects is [online](#).

Latest Invention: Stronger, Longer-Lasting Fuel Cell Technology

10 Apr 2015

Fuel cells are alternative energy-generation devices that provide continuous electricity with low to zero emissions at the source. NASA first used modern fuel cells in space vehicles. Today, fuel cells provide power in a variety of applications, including automobiles, backup generators, fork lifts and portable electronic devices. One type of fuel cell, the proton exchange membrane (PEM) fuel cell, converts hydrogen into electricity and water. PEM fuel cells are generally very rugged, but there is a fragile membrane within the electrode assembly that is a common failure point. University of Maine mechanical engineering researchers have developed a stronger, longer-lasting membrane that demonstrates potential to increase the reliability and overall life span of the fuel cell. A possible opportunity for Maine business is to manufacture and supply membrane electrode assembly units to PEM fuel cell providers. More information is [online](#).

Student Employment Recognition Week April 13–17

13 Apr 2015

The University of Maine's Office of Student Employment is honoring student workers across campus during the 2015 Student Employment Recognition Week April 13–17. Student employees are welcome to enjoy free food, play games and win prizes throughout the week in the Memorial Union. The 2015 Student Employment Recognition Banquet will be held 6–8 p.m. April 13 at Wells Conference Center. All Student Employee of the Year, Graduate Student Employee of the Year, and Supervisor of the Year nominees and those who nominated them are invited to attend the banquet. More information, including a full schedule and list of award nominees, is [online](#).

The Met's 'Cavalleria Rusticana/Pagliacci' to be Broadcast Live at CCA

13 Apr 2015

The Met: Live in HD's broadcast of "Cavalleria Rusticana/Pagliacci" will be shown at the University of Maine Collins Center for the Arts at 12:30 p.m. Saturday, April 25. "Cavalleria Rusticana/Pagliacci" is opera's most enduring tragic double bill and in Sir David McVicar's evocative new production the action takes place across two time periods in the same Sicilian village. Marcelo Álvarez plays the dual tenor roles of Turiddu in "Cavalleria Rusticana" and Canio in "Pagliacci." The unlucky heroines are Eva-Maria Westbroek playing Santuzza and Patricia Racette as Nedda. Met Principal Conductor Fabio Luisi is on the podium and Rae Smith designed the moodily atmospheric 1900 village square setting of "Cavalleria," which transforms to a 1948 truck stop for the doomed vaudeville troupe of "Pagliacci." This is one of 10 of the Met's Emmy and Peabody Award-winning live performance transmissions to movie theaters and art centers around the world. The Met: Live in HD was developed to reach existing audiences and to introduce new audiences to opera through technology. Tickets, which are \$28 for adults and \$8 for students, are available [online](#) or by calling 581.1755, 800.622.TIXX. Esther Rauch will lecture about the opera at 5:30 p.m. Wednesday, April 22, at the

Brewer Public Library and at 5:30 p.m. Thursday, April 23, at the Orono Public Library.

Professor Emeritus Palmer Quoted in Press Herald Article on Governor

13 Apr 2015

Kenneth Palmer, a professor emeritus of political science at the University of Maine, was quoted in a [Portland Press Herald](#) profile on Gov. Paul LePage and his leadership style. Palmer spoke about similarities between LePage and Gov. James Longley, an independent who held office between 1975 and 1979. He said the political climate Longley operated resembles the one LePage faces today. “There’s a very important strain in Maine,” Palmer said. “It’s unusual in most states, but we have it. It’s not just a policy orientation. It’s the idea that government really belongs to the citizens, not to the professional politicians.”

Media Cover Great Maine Bike Swap

13 Apr 2015

[WLBZ](#) (Channel 2), [WABI](#) (Channel 5) and [WVII \(Channel 7\)](#) reported on the 15th annual Great Maine Bike Swap that was held at the University of Maine’s New Balance Student Recreation Center on April 12. The Bicycle Coalition of Maine hosted the swap to give people the opportunity to buy affordable and used bikes, as well as sell their own.

UMaine Student Quoted in Articles on Climate Change Rally

13 Apr 2015

University of Maine student Catherine Fletcher was quoted in Associated Press and [Kennebec Journal/Morning Sentinel](#) articles about a climate change rally and march held at the State House in Augusta. Hundreds of college students participated in the event that was organized by Maine Students for Climate Justice, a coalition of student groups from around the state. The students urged state leaders to take action on climate control and called for a moratorium on fossil fuel development. Fletcher, who has worked to get the University of Maine System to drop investments in coal stocks, said students must get involved, according to the KJ/Morning Sentinel. “Our generation is inheriting the burden of the climate crisis. If our leaders won’t take action, we will,” she said. WABI (Channel 5), [WMTW](#) (Channel 8 in Portland) and SFGate carried the AP report.

WVII Previews Blue Wrap Fashion Show

13 Apr 2015

WVII (Channel 7) reported the Partners for World Health University of Maine Chapter is holding a Blue Wrap Project Runway competition fashion show to raise funds for and spread awareness about medical outreach around the world. Fashion show participants will be tasked with creating an outfit using a 15-pound bag of nonbiodegradable medical material, or blue wrap. Partners for World Health provides medical materials to third-world countries, including supplies like blue wrap that would otherwise go to waste, according to the report. The fashion show will be held at 6 p.m. April 24 at Hauck Auditorium.

Kent’s Research on Athlete Journal Writing Featured in BDN

13 Apr 2015

Richard Kent, an associate professor of literacy education at the University of Maine, was the focus of the [Bangor Daily News](#) article, “UMaine professor helps athletes become students of the game through writing.” Kent has spent 10 years analyzing how writing about experiences can enhance athletes’ understanding of the sport and improve their performance and self-confidence, according to the article. “What it does is it makes the athlete stop, think, reflect, and really helps him move toward being a student of the game,” he said, adding using team notebooks, journals or training logs help athletes become more self-aware and mentally sharp.

Media Cover Student Science Summit

13 Apr 2015

WVII (Channel 7) and WABI (Channel 5) reported on the 2015 Student Summit hosted by the Maine Center for Research in STEM Education, or RiSE Center, at the University of Maine. More than 200 students in grades 6–9 throughout the state took part in the collaborative engineering design challenge that encouraged them to successfully transport a “life-form” through explorations on an earthquake-ridden planet in another solar system.

Researchers Featured in Hatchery International Article on Salmon Embryos

13 Apr 2015

University of Maine researchers Heather Hamlin and LeeAnne Thayer were featured in the [Hatchery International](#) article, “Saving salmon embryos.” Hamlin, an assistant professor of aquaculture, and Thayer, a Ph.D. candidate in UMaine’s School of Marine Sciences, have been exploring the causes of reduced survival rates of Atlantic salmon embryos, according to the article. “When I came to Maine it was the first problem I wanted to tackle due to its relevance and importance to Maine’s economy,” Hamlin said.

Biochemistry and Physics Majors Land NSF Graduate Research Fellowships

13 Apr 2015

Two University of Maine seniors have been awarded Graduate Research Fellowships from the National Science Foundation (NSF). The UMaine honors students, Gwendolyn Beacham of Farmington, Maine, a biochemistry major, and Julia Sell of Cushing, Maine, a physics major, were among 2,000 students nationwide selected from among 16,500



applicants in the 2015 competition. This fall, Beacham will enter the Ph.D. track at Cornell University in biochemistry, molecular and cell biology. Sell will pursue a Ph.D. in experimental condensed matter physics at the University of Maryland. Beacham is UMaine’s 2015 valedictorian and the Outstanding Graduating Student in the College of Natural Sciences, Forestry, and Agriculture. She received the Barry Goldwater Scholarship, a national award given to rising undergraduate juniors and seniors in the STEM fields, and the George J. Mitchell Peace Scholarship to study abroad in spring 2014 at University College Cork in Ireland. At UMaine, Beacham has been involved in the national Phage Genomics Program, sponsored by Howard Hughes Medical Institute, by taking the UMaine honors course in phage genomics, and she interned at the Boyce Thompson Institute for Plant Research, an affiliate of Cornell University, and the MDI Biological Laboratory. Beacham’s research focuses on mycobacteriophages, which are viruses that infect bacteria of the genus *Mycobacterium*. She is studying a particular phage named Ukulele that was isolated at UMaine in the Phage Genomics course Beacham took in her first year. Her project focuses on identifying which genes encode the proteins that are involved in regulating Ukulele’s life cycles. Her numerous awards for research and academic achievement include fellowships from UMaine’s Center for Undergraduate Research, and research fellowships from the Maine IDeA Network for Biomedical Research Excellence (INBRE).



Sell is an undergraduate researcher at UMaine's Laboratory for Surface Science and Technology, where she has studied the structural and electrical stability of Pt-ZrB₂ nanolaminate thin films at temperatures above 1800 degrees F. The films have potential use as electrical contacts in a new generation of microelectronics that enhance the reliability and safety of high-temperature machinery, such as jet engines and industrial power plants. Sell participated in NSF's Research Experience for Undergraduates (REU) at UMaine. Her numerous awards for research and academic achievement include fellowships from UMaine's Center for Undergraduate Research and the College of Liberal Arts and Sciences, Bath Iron Works scholarships, and the 2015 Edith Patch Award. NSF's Graduate Research Fellowship Program provides three years of financial support within a five-year fellowship period (\$34,000 annual stipend and \$12,000 cost-of-education allowance to the graduate institution) for graduate study that leads to a research-based master's or doctoral degree in science or engineering, according to the [NSF announcement](#) of the awards. Since 1952, NSF has provided fellowships to individuals selected early in their graduate careers based on their demonstrated potential for significant achievements in science and engineering. The Graduate Research Fellowship Program is part of NSF's overall strategy to develop the globally engaged workforce necessary to ensure the nation's leadership in advancing science and engineering research and innovation. Contact: Margaret Nagle, 207.581.3745

Top Faculty Awards Cite Distinction in Civil Engineering, Philosophy, History and Communication

17 Apr 2015

The University of Maine's top honors are being awarded to faculty in civil engineering, philosophy, history and communication. The 2015 Distinguished Maine Professor is Bill Davids, the John C. Bridge Professor of Civil Engineering. The annual award is presented by the University of Maine Alumni Association in recognition of outstanding achievement in UMaine's statewide mission of teaching, research and economic development, and community engagement. Kirsten Jacobson, associate professor of philosophy, will receive the 2015 Presidential Outstanding Teaching Award; Richard Judd, Col. James C. McBride Distinguished Professor of History, will receive the 2015 Presidential Research and Creative Achievement Award; and Laura Lindenfeld, director of the Margaret Chase Smith Policy Center and associate professor of communication, will receive the 2015 Presidential Public Service Achievement Award. The award recipients will be honored at the Faculty Appreciation and Recognition Luncheon, noon–1:30 p.m., May 9 at Wells Conference Center. "In our 150th anniversary year, there is no better way to look at the difference a land grant university makes than through the quality teaching, research and community engagement demonstrated by four faculty members of this caliber," says UMaine President Susan J. Hunter. "The work of Bill, Kirsten, Dick and Laura in Maine is known nationally and internationally. The direct beneficiaries are UMaine students and the people of Maine." The following faculty citations are excerpted from the nomination packages submitted to the selection committees: **2015 Distinguished Maine Professor** Bill Davids John C. Bridge Professor of Civil Engineering Bill Davids is a gifted, committed educator and outstanding researcher with a strong record of public service. His popular and rigorous upper-level undergraduate and graduate courses produce well-prepared structural engineers who truly understand how engineers design. Davids' internationally recognized research applies numerical modeling to a wide range of multidisciplinary problems. He has made fundamental contributions to structural, geotechnical, environmental and pavement engineering, and engineering mechanics. Davids' work has been central to many University of Maine-developed technologies, including blast-resistant structures. His work on inflatable structures resulted in a NASA-funded project focused on atmospheric reentry systems for spacecraft. The breadth of Davids' expertise makes him a resource for the state. As a structural engineer with particular expertise in bridge engineering, he is frequently tapped by the Maine Department of Transportation for critical safety assessments. He also has helped many Maine-based engineering firms solve difficult structural modeling problems. Davids' many national, state and UMaine awards include the 2012 L.J. Markwardt Wood Engineering Award from the Forest Products Society and the

George Marra Award from the Society of Wood Science and Technology. In 2010, he was named the State of Maine Civil Engineer of the Year by the Maine chapter of the American Society of Civil Engineers. Davids was the UMaine valedictorian in 1989. He also received a master's degree in civil engineering from UMaine in 1991, and a Ph.D. in civil and structural engineering from the University of Washington in 1998. That year, Davids joined the UMaine College of Engineering faculty. He has chaired the Department of Civil and Environmental Engineering since 2012. **2015**

Presidential Outstanding Teaching Award Kirsten E. Jacobson Associate Professor of Philosophy Kirsten E. Jacobson is recognized for her enthusiasm for teaching and how she encourages students to think for themselves. Since coming to the University of Maine in 2006, she has taught undergraduate and graduate classes in 19th- and 20th-century continental philosophy and the philosophy of art, and has created topics-based courses in response to the interests and demands of students, and reflecting her active research. By incorporating ideas, examples and texts from multiple disciplines — from biology and political science to art history and physics — she empowers students in active learning. She encourages students to find the relevance of significant philosophical debates in their lives and in the community, marrying theoretical engagement with practical concerns. That involvement goes beyond the classroom, as Jacobson advises students in Phi Sigma Tau, the philosophy honor society, and the Philosophy Club. Another example of Jacobson's commitment to the quality and value of teaching is in the volunteer-based service-learning program she established in 2009 called Philosophy Across the Ages. The initiative connects UMaine undergraduates with area high school students and retirement community members to discuss philosophical questions and examine their relevance in everyday life. Philosophy Across the Ages epitomizes Jacobson's commitment as a teacher to "continue always to ask questions of myself and others about the nature of human experience in order that we might become increasingly adept at reflecting and responding to the reality of our situation." Jacobson received a bachelor's degree in liberal arts from St. John's College in 1996 and a Ph.D. in philosophy from Pennsylvania State University in 2006. **2015 Presidential**

Research and Creative Achievement Award Richard W. Judd Col. James C. McBride Distinguished Professor of History Richard W. Judd is an internationally recognized researcher and author of environmental history who exemplifies the importance of academic scholarship with a public purpose. By bringing a Maine and New England perspective to bear on how environmental history is conducted and conceptualized, Judd's research has reshaped — and continues to inform — this area of scholarship. He has inspired the current generation of environmental historians and earned UMaine a reputation for pioneering environmental history research. The depth and breadth of Judd's scholarship were most recently reflected in *The Historical Atlas of Maine*, published this year by the University of Maine Press. Judd co-edited and contributed to the *Atlas*, a geographical and historical interpretation of Maine, from the end of the last ice age to the year 2000. The volume culminates a 15-year humanities project led by Judd, Stephen Hornsby and other UMaine researchers. Judd also is the award-winning author of 11 books, including *Second Nature: An Environmental History of New England*, published last year; and the definitive history of the state, *Maine: The Pine Tree State from Prehistory to the Present*, published in 1995. His 12th book, *Finding Thoreau: The Meaning of Nature in the Making of an Environmental Icon*, is expected in 2016. For three decades, he has been the lead editor of the state journal of historical record, *Maine History*, published by the UMaine History Department and the Maine Historical Society. Judd came to UMaine as a postdoctoral researcher in 1980 and joined the History Department faculty four years later. He received bachelor's and master's degrees in history from California State University, Fullerton, and a Ph.D. in history from the University of California at Irvine. **2015 Presidential Public Service Achievement Award**

Laura A. Lindenfeld Director of the Margaret Chase Smith Policy Center Associate Professor of Communication and Journalism As a researcher of communication, Laura A. Lindenfeld has demonstrated a deep commitment to applying her knowledge and skills to enhancing the public good and well being of citizens and organizations in Maine. Her research focuses on understanding stakeholders' needs and helping build more effective partnerships, developing strategies to help align University of Maine resources with the state's needs. By linking her research, teaching and mentorship of students to on-the-ground action, she has advanced collaboration across organizations and contexts. In 2013 in collaboration with the Office of the Vice President for Innovation and Economic Development, she launched UMaine's Faculty Fellows — a two-year professional development program to empower 20 faculty leaders to advance the impact of their work by engaging with communities and university stakeholders. The second cohort of Faculty Fellows is now being selected. Lindenfeld's community engagement initiatives also include leadership on engaging students in a series of advertising campaigns that directly supported local businesses and nonprofit organizations; stewardship of teacher training grants to support English as a Second Language educators in Maine; membership on the Governor's Task Force to Engage Maine's Youth; and service on the Maine Humanities Council. Lindenfeld joined the UMaine faculty in 2004. She received a master's degree in German and Scandinavian literature and language studies from the University of Bonn, and a Ph.D. in cultural studies from the University of California, Davis.

UMaine to Host, Participate in Regional Concrete Canoe Competition

14 Apr 2015

Editor's note: Due to ice conditions on Lake George in Skowhegan, Saturday's judging events will take place at the Steam Plant Lot on the UMaine campus. The race portion of the competition has been canceled. The University of Maine will participate in and host this year's New England Regional Concrete Canoe Competition April 24–25 in Orono and Skowhegan. More than 200 students from 11 New England universities, including UMaine, will subject their concrete canoe creations to judging on a variety of characteristics at UMaine's Advanced Structures and Composites Center on Friday, April 24 and at Lake George Regional Park in Skowhegan on Saturday, April 25. The regional competition provides undergraduate students a chance to design and build using skills they learned through their civil engineering curriculum. The contest is a precursor for teams aiming to compete in the American Society of Civil Engineers' National Concrete Canoe Competition to be held in June at Clemson University in South Carolina. The first national concrete canoe competition took place in 1988. In Maine, the regional contest began in the early 1970s when a UMaine civil engineering professor challenged his students to create a concrete canoe that could compete in the Kenduskeag Stream Canoe Race, according to Lindsey Kandiko, event and conference coordinator for the UMaine chapter of American Society of Civil Engineers (ASCE). The students succeeded and the idea traveled to other universities in the region, Kandiko says. This year, about 20 students are actively involved in building UMaine's canoe. Four students are in charge of planning the regional competition which brings together engineering students from several universities and offers an opportunity to make connections and network. Students spend the academic year designing and building a concrete canoe that is judged in four categories: design report, oral presentation, aesthetics and practicality, or how well the boat can float and race. Oral presentations and table displays will be completed at UMaine, while the aesthetics and practicality will be tested in Skowhegan. The public is welcome to watch the races from 10 to 4:30 p.m. at the park in Skowhegan. Lunch will be available to purchase. For more information or to request a disability accommodation, contact Kandiko at lindsey.kandiko@maine.edu. UMaine has hosted the regional competition two other times in the last 20 years and has advanced to nationals twice in the last 10 years. Concrete canoe is sponsored by the ASCE student chapters at each school. UMaine's ASCE student chapter formed in 1921 and currently has 55 participating members, including seven officers. Civil engineering professor Eric Landis is the faculty adviser for the student chapter; and Xenia Rofes, laboratory manager in the Civil and Environmental Department, is the concrete canoe team's adviser. More about UMaine ASCE is [online](#).

UMaine Extension to Train Volunteers for Eat Well Program, St. John Valley Times Reports

14 Apr 2015

The St. John Valley Times reported the University of Maine Cooperative Extension has planned a volunteer training session in Fort Kent for its Eat Well Volunteer Program. After completing 30 hours of training, volunteers can conduct 30 hours of Eat Well lessons about nutrition, food preparation and food safety using fresh garden produce at local food pantries and community meal sites, according to the article. The course fee is \$60, and scholarships are available.

UMaine Extension Edible Wild Greens Bulletin Cited in BDN Article

14 Apr 2015

A University of Maine Cooperative Extension publication was cited in the [Bangor Daily News](#) article, "Here are some delicious ways to eat flowers and weeds." The article republished three recipes from "Facts on Edible Wild Greens in Maine" by Mahmoud El-Begearmi. The recipes were dandelion cheese squares; shrimp and fiddlehead medley; and warm lentil and lamb's-quarters salad with feta cheese.

Peronto Writes Article on Pruning Forsythias for Sun Journal

14 Apr 2015

University of Maine Cooperative Extension educator and professor Marjorie Peronto wrote an article for the [Sun Journal](#) titled "Pruning forsythias in Maine." In addition to offering tips on how to prune the "hallmark of spring,"

Peronto also wrote about general care and varieties of the plant.

Weekly Reports on National History Day Winners from Greater Bangor

14 Apr 2015

[The Weekly](#) reported on Greater Bangor area winners of the statewide National History Day (NHD) competition held at the University of Maine in March. NHD is an academic program that promotes critical thinking, research and presentation skills through project-based learning for students of all abilities. More than 300 students and teachers from 36 middle and high schools took part in this year's state contest. Exhibits, papers, websites, documentaries and performances were judged, with the top winners becoming eligible to compete in the national contest at the University of Maryland, College Park in June. Students from Bangor High School, Hermon High School, Holbrook Middle School in Holden, James F. Doughty School in Bangor and Orono High School were among this year's winners, the article states.

Brewer Quoted in MPBN Report on Poliquin's Re-Election Campaign

14 Apr 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in a [Maine Public Broadcasting Network](#) report about Republican Congressman Bruce Poliquin kicking off his re-election campaign. Poliquin, who has been in office a little more than three months, will report raising \$700,000 for his campaign to the Federal Elections Commission this week, according to his chief political strategist. Brewer said Poliquin's fundraising is impressive, but he's not surprised given Poliquin's background and connections in the world of finance, the report states. "I think it gives our first indication that this is going to be an incredibly expensive race for the 2nd congressional seat here in Maine," Brewer said. "It will break whatever records we have."

Farmington Native Named Valedictorian, Sun Journal Reports

14 Apr 2015

The Sun Journal reported that Gwendolyn Beacham of Farmington is the 2015 valedictorian at the University of Maine. Beacham, a biochemistry major and Honors student, also was named the Outstanding Graduating Student in the College of Natural Sciences, Forestry and Agriculture. She received the Barry Goldwater Scholarship, a national award given to rising undergraduate juniors and seniors in the STEM fields, and the George Mitchell Peace Scholarship to study abroad in spring 2014 at University College Cork in Ireland. Most recently, she was awarded a National Science Foundation Graduate Research Fellowship. This fall, Beacham will enter the Ph.D. track at Cornell University in biochemistry, molecular and cell biology. The [Daily Bulldog](#) also carried a report about Beacham.

Michael Bailey: Studying in Ireland

14 Apr 2015

Michael Bailey, a third-year history major at the University of Maine, has been awarded the George J. Mitchell Peace Scholarship for the 2015–16 academic year and will study abroad in Ireland as part of the student exchange program. As a George J. Mitchell Scholar, Bailey plans to learn more about history and peace to not only further his academic and career aspirations, but also to enhance his ability to improve the community. The scholarship honors the 1998 Northern Ireland peace accord brokered by Sen. Mitchell between Ireland and the United Kingdom and is open to full-time undergraduate students in the University of Maine system. The all-expenses paid scholarship allows one student to study for a year, or two students to study for a semester each, at University College Cork in Ireland. "Through studying history and active community involvement, I will make my community a better place while I am in Cork, when I return to Orono, and for the rest of my life," Bailey says. While overseas, Bailey, who aspires to earn a doctorate in history, plans to study Ireland within the context of the early modern period and as a place of imperialist and counter-imperialist hostility. "Understanding the beginnings of imperialism in our era, I truly believe, is the first logical steps toward understanding how and why people come to dominate other people. It's also the first step toward fighting the process,"

Bailey says. Bailey describes himself as a lifelong activist dedicated to improving his community and plans to give back when he returns by organizing residence hall events about study abroad and volunteerism; speaking about the trip to grade school children in the Black Bear Mentors program; and bringing home a more broadened awareness of the world. Bailey, a first-generation college student originally from Lynn, Massachusetts who grew up and attended high school in Sen. Mitchell's hometown of Waterville, says he is looking forward to the challenge of living abroad in a new culture and is confident he will adapt well to a new environment. As a resident assistant on campus, Bailey has experience not only taking care of himself, but taking responsibility for others, he says. Growing up as a child of a struggling single parent, Bailey often was in charge of running the household, as well. Bailey is a member of Divest UMaine and he is interested in looking into divestment at UCC with Tadhg Moore, a George J. Mitchell Peace Scholarship recipient from UCC that Bailey befriended while Moore studied at UMaine. As president of the Maine Peace Action Committee, Bailey has reached out to students to advocate becoming involved in the university and community. He has helped lead the group in organizing their film series and newsletter, participated in campus sustainability efforts and played an important leadership role in organizing a weekend trip to New York City for The People's Climate March this past fall. He is vice president of the History Club and is involved with the Peace & Justice Center of Eastern Maine and Phi Alpha Theta Historical Society. Bailey is a firm believer of supporting labor organizations and was awarded a competitive internship in the Maine State Department of Labor in summer 2014 where he conducted research on the history of Maine's labor laws. More about the George J. Mitchell Peace Scholarship is [online](#).

2015 Valedictorian and Salutatorian: Gwen Beacham, Katelyn Massey at the Top of their Class

14 Apr 2015

Gwendolyn Beacham of Farmington, Maine, is the 2015 valedictorian at the University of Maine and Katelyn Massey of Waterville, Maine, is the salutatorian. They will receive their degrees at UMaine's 213th Commencement in Harold Alfond Sports Arena May 9. Beacham, a biochemistry major and honors student, was named the Outstanding Graduating Student in the College of Natural Sciences, Forestry, and Agriculture. She received the Barry Goldwater Scholarship, a national award given to rising undergraduate juniors and seniors in the STEM fields, and the George J. Mitchell Peace Scholarship to study abroad in spring 2014 at University College Cork in Ireland. Most recently, she was awarded a National Science Foundation Graduate Research Fellowship. At UMaine, Beacham has been involved in the national Phage Genomics Program, sponsored by Howard Hughes Medical Institute, by taking the HON 150/155 Phage Genomics course. She interned at the Boyce Thompson Institute for Plant Research, an affiliate of Cornell University, where her work focused on the commercial algae biofuel production, and the Mount Desert Island Biological Laboratory, studying cilia differentiation in sea urchin and sand dollar embryos. On campus, Beacham's research has focused on mycobacteriophages, which are viruses that infect bacteria of the genus *Mycobacterium*. In collaboration with Assistant Research Professor Sally Molloy, Beacham studied a particular phage named Ukulele that was isolated at UMaine in the Phage Genomics course Beacham took in her first year. Beacham's project focused on identifying which genes encode the proteins that are involved in regulating Ukulele's life cycles. Her numerous awards for research and academic achievement included fellowships from UMaine's Center for Undergraduate Research, and research fellowships from the Maine IDeA Network for Biomedical Research Excellence (INBRE). Beyond the laboratory and classroom, Beacham has been involved in many student organizations, including the UMaine chapter of Engineers Without Borders, which took her to Honduras in 2013 to finish installing a septic system in a rural community. She also was a member of Alternative Breaks, and campus-based All Maine Women and Sophomore Eagles honor societies. Beacham was a teaching assistant and, in 2013, took first place in the annual Rezendes Ethics Essay contest. This fall, Beacham will enter the Ph.D. track at Cornell University in biochemistry, molecular and cell biology. She hopes to be a professor and contribute to science policy. Massey is a psychology major with a concentration in development and a minor in communication sciences and disorders. Her academic honors include the Frederick W. and Marianne Hill Scholarship, the Marcus L. Urann Scholarship, Class of 1945 Scholarship, and the Jane Gerry Chase Hangar Scholarship. She also was named a Kornetsky Scholar as the graduating psychology student with the highest GPA. For the past four years, Massey has been a forward on the UMaine women's ice hockey team, serving as assistant captain this year and taking Hockey East Top Scholar Athlete honors from 2012–14. She and her teammates have been active in fundraising and volunteer activities in the community, and local youth hockey clinics. This fall, Massey will pursue graduate work in communication sciences and disorders at UMaine. She also has been selected for a clinical assistantship in UMaine's Audiology Clinic. Contact: Margaret Nagle, 207.581.3745

Trade Fair Brings the World to Maine Business School

15 Apr 2015

Interested in learning about commerce in Brazil, France, Japan or Sweden, or doing business in Australia or the United Kingdom? Check out the International Trade Fair from 10 a.m. to 2 p.m. Tuesday, April 28, in the atrium of the D.P. Corbett Business Building at the University of Maine. “It’s a chance for the community to learn about many different countries and the business opportunities that are available abroad,” says Clint Relyea, course instructor and a Maine Business School lecturer in management. “Basically it’s bringing the world to the Maine Business School and bringing the Maine Business School to the world. It should be fun and informative.” Fourteen teams, each with 10 students, will showcase their respective international trade exhibitions that promote doing business in Brazil, China, Japan, Argentina, Sweden, Ireland, South Korea, Saudi Arabia, United Kingdom, Australia, Mexico, France, Singapore and Austria. “I hope that students will be more informed about the many different facets of working in a country as an expatriate,” Relyea says. “As business professionals they will be ready to work with other cultures and be able to sell the positives of their own country through project management.” Area professionals will judge the exhibitions on content — including relevance and quality of information — as well as overall appearance, creativity and appearance of effort. After the showcase, students will write a paper reflecting on what they learned during the semester-long project.

Square-Foot Gardening Workshop Begins in April

15 Apr 2015

University of Maine Cooperative Extension is offering a six-class workshop on building, planting, maintaining and harvesting square-foot gardens in raised beds and containers. Classes meet monthly from April through September at the UMaine Extension office, 7 County Drive, Skowhegan. The first class is 9–11 a.m. April 28; the final class is Sept. 15. Somerset County Cooperative Extension staff will teach the classes, and local Master Gardener Volunteers will work with participants in demonstration gardens throughout the growing season. Harvested produce will be shared with area schools as well as senior and food kitchen programs. Course fee is \$20 per person. To register, for more information, or to request a disability accommodation, contact Pete Bastien at 474.9622, 800.287.1495 (in Maine), or peter.d.bastien@maine.edu.

Maine Edge Covers ROTC Training Exercise in Orono

15 Apr 2015

[The Maine Edge](#) reported the University of Maine Army Reserve Officer’s Training Corps (ROTC) held a situational training exercise for its cadets in March at the university’s Demeritt Forest. The training places cadets in real-life scenarios, causing them to think on their feet and put all training to use, according to the article. The ROTC is a four-year program of college courses that are taken in addition to being a full-time college student. The classes are designed to develop and strengthen a cadet’s skills in leadership, values and life, the article states.

Student Speaks with WVII About Starting Nonprofit for Foster Children

15 Apr 2015

[WVII](#) (Channel 7) interviewed University of Maine student Sara Disselkamp about Something to Snuggle, a nonprofit she started to create and donate handmade blankets to foster children. “I’ve always known I wanted to give back to children in the foster care system or other adoptees,” said Disselkamp, a social work major who was adopted herself. Disselkamp said she chose blankets because often when children are removed from a home, they don’t have anything other than the clothes they’re wearing. “I feel so passionately that everyone deserves to have something to call their own,” she said.

Barkan Writes Op-Ed for BDN

15 Apr 2015

The [Bangor Daily News](#) published the opinion piece “At \$385 billion, tax fraud amounts to the theft of a nation,” by Steven Barkan, a sociology professor at the University of Maine. Barkan also is a member of the Maine Regional Network, part of the Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members’ columns appear in the BDN every other week.

Capps Quoted in Lab Manager Article on Environmental Study Led by Arizona State

15 Apr 2015

Krista Capps, a research assistant professor in the University of Maine’s Department of Wildlife, Fisheries and Conservation Biology, was quoted in the [Lab Manager](#) article “Study finds new link between environment, urban diets.” An international team led by Arizona State University found that what people eat — and what they excrete as waste — can influence the nutrient cycle on a large scale, according to the article. A study published in the journal [Oikos](#) shows a team of five researchers, including Capps, found urban diets can significantly influence the nutrients, such as nitrogen and phosphorous, found in municipal waste streams, the article states. “We’re working to understand the fundamental ways humans shape the ecosystems in which they live,” Capps said.

College of Liberal Arts and Sciences Presents Student, Faculty Awards

16 Apr 2015

The College of Liberal Arts and Sciences has presented its top student and faculty awards: Outstanding Senior: Robert Fasano, a physics major; Outstanding Graduate Student: Hamdane Bordji, a student in the Global Policy program, School of Policy and International Affairs; Graduate Student Excellence in Research and Creative Activity: Kourtney Collum, anthropology; Graduate Student Excellence in Teaching: Rachel Snell, history. Outstanding Faculty Awards: Daniel Sandweiss, professor of anthropology and climate studies, Research and Creative Achievement; Amy Fried, professor of political science, Service and Outreach; Kirsten Jacobson, professor of philosophy, Teaching and Advising.

Celebrating Scholarship to Honor Faculty Research, Achievements

16 Apr 2015

The research and creative achievement of more than 80 faculty members will be honored at the University of Maine in Celebrating Scholarship, April 21 at the Collins Center for the Arts. The event, from 5–7 p.m., is part of UMaine’s 150th anniversary celebration and will feature exhibits highlighting UMaine faculty scholarship since 2011, including research, books, and visual and performing arts. Celebrating Scholarship, sponsored by the Office of the Vice President for Research, is free and open to the public.

Sun Journal Reports on National History Day Winners from Area Schools

16 Apr 2015

The [Sun Journal](#) reported on Androscoggin and Oxford county winners of the statewide National History Day (NHD) competition held at the University of Maine in March. NHD is an academic program that promotes critical thinking, research and presentation skills through project-based learning for students of all abilities. More than 300 students and teachers from 36 middle and high schools took part in this year’s state contest. Exhibits, papers, websites, documentaries and performances were judged, with the top winners becoming eligible to compete in the national contest at the University of Maryland, College Park in June. Students from Bruce M. Whittier Middle School in Poland, Buckfield Junior/Senior High School, Hartford Sumner Elementary School in Sumner and T.W. Kelly Dirigo Middle School in Dixfield were among this year’s winners, the article states.

UMaine Student Wins Big Gig Finale, WWII Reports

16 Apr 2015

WVII (Channel 7) reported University of Maine student Spencer Wood was named the winner of the latest Big Gig pitch-off finale at the University of Maine's Foster Center for Student Innovation. Finalists from the last three Big Gig pitch-off events competed for a \$1,500 grand prize sponsored by University Credit Union. Wood presented the app Tip Whip that would allow college students to find a ride within a 3-mile radius of their location in order to avoid drunk driving, WVII reported. The Big Gig is a series of business pitch events for entrepreneurs in Greater Bangor designed to bring together Bangor-Orono area innovators and entrepreneurs and offer networking opportunities. It was started by a partnership between UMaine, Old Town, Orono and Husson University and is supported by Blackstone Accelerates Growth.

Morse Quoted in BDN Article on Maine Sea Farms

16 Apr 2015

Dana Morse, a Maine Sea Grant researcher who works at the University of Maine's Darling Marine Center, was quoted in the [Bangor Daily News](#) article, "How Maine's sea farms could be key to feeding the world." The article argues that Atlantic salmon could be Maine's farm-raised lobster. Morse said while production of Maine shellfish such as mussels and oysters has been growing, Atlantic salmon brings in the most money for fish farmers. In 2010, blue mussels and American oysters were valued at \$1.3 million and \$1.7 million, respectively. Meanwhile, Atlantic salmon was valued at \$73.5 million in 2010, the article states.

Hornsby to Speak About Historical Atlas in Camden, VillageSoup Reports

16 Apr 2015

The [VillageSoup](#) reported University of Maine geographer Stephen Hornsby will discuss the newly published "Historical Atlas of Maine" April 28 as part of Camden Public Library's Maritime Month. The atlas is a geographical and historical interpretation of the state, from the end of the last ice age to 2000. It culminates a 15-year scholarly project led by UMaine researchers. Hornsby and UMaine historian Richard Judd edited the book that contains cartography by Michael Hermann.

BDN Publishes Op-Ed by Undergraduate Social Work Student

16 Apr 2015

Patrick Nason, an undergraduate student in social work at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled "How Upward Bound helps low-income, first-generation students succeed." Nason participated in Upward Bound Math and Science at UMaine from 2012–2014. The article is one of several student pieces produced in an American government class taught by political science professor Amy Fried. Students in the class write and submit letters to the editor or elected officials, or op-eds.

Media Cover High School Students Preparing for Wind Blade Challenge

16 Apr 2015

Orono High School students visited the University of Maine to prepare for an upcoming engineering and design competition, WABI (Channel 5) and WVII (Channel 7) reported. Instructors from the Advanced Structures and Composites Center helped students transform raw materials into solid, functional wind blades in advance of the seventh annual Wind Blade Challenge that will be held at UMaine on May 1, according to WABI.

WLBZ Reports Morin Recognized as Red Cross Real Hero

16 Apr 2015

Lisa Morin, coordinator of the Bodwell Center for Service and Volunteerism at the University of Maine, was one of 10

people and three organizations to be honored at the 18th annual Red Cross Real Heroes Breakfast in Brewer, WLBZ (Channel 2) reported. Morin has been the lead on UMaine's blood drive program for five years, according to the report. Since beginning her work with the Red Cross, Morin has organized more than 30 blood drives, which have recruited more than 3,000 donors and collected 2,852 units of blood, the report states.

Waterville Hockey Player Named Salutatorian, Media Report

16 Apr 2015

The [Bangor Daily News](#) and WABI (Channel 5) reported Katelyn Massey of Waterville is the 2015 salutatorian at the University of Maine. Massey is a psychology major with a concentration in development and a minor in communication sciences and disorders. Her academic honors include the Frederick W. and Marianne Hill Scholarship, the Marcus L. Urann Scholarship, Class of 1945 Scholarship, and the Jane Gerry Chase Hangar Scholarship. She also was named a Kornetsky Scholar as the graduating psychology student with the highest GPA. For the past four years, Massey has been a forward on the UMaine women's ice hockey team, serving as assistant captain this year and taking Hockey East Top Scholar Athlete honors from 2012–14. This fall, Massey will pursue graduate work in communication sciences and disorders at UMaine. She also has been selected for a clinical assistantship in UMaine's Audiology Clinic.

PBS Films Saltwater Sparrows at SHARP Site

17 Apr 2015

The PBS Nature show "[Animal Homes: Location, Location, Location](#)" featured a field site of the Saltmarsh Habitat & Avian Research Program (SHARP). University of Maine assistant professor Brian Olsen is a principal investigator with [SHARP](#); its goal is to establish priorities for the long-term conservation of tidal marsh birds. Ecologist Chris Morgan hosted "Animal Homes: Location, Location, Location," which aired at 8 p.m. April 15. The second of a three-part series documented the critical placement of nests of saltmarsh sparrows in coastal marshes from Maine to Virginia, "where ocean and land collide." Just-born chicks can drown if a rising tide covers the nest.

Educators, Enthusiasts Invited to Maine School Garden Day

17 Apr 2015

Maine School Garden Day will be held from 8 a.m. to 3:30 p.m. Saturday, May 9 at Sanford Regional Technical Center (SRTC), 52 Sanford High School Blvd., Sanford. The day is designed for Maine prekindergarten–12 educators and enthusiasts who want to start or continue a school garden. Topics include saving seeds, cooking with youth, managing a school orchard and garden management models. A panel discussion with school-based gardeners will be held, and participants may tour the SRTC garden that uses high-tunnel and aquaponics technology. The \$30 fee — \$40 after April 29 — includes a lunch made with local food. Scholarships are available; participants will receive certificates for contact hours or CEUs. Registration is available [online](#) or by contacting maitc@maine.gov, 287.5522. To request a disability accommodation, call 207.342.5971, or email vina.lindley@maine.edu.

'Memphis' Comes to Orono

17 Apr 2015

"Memphis, the Musical" winner of the 2010 Tony Award for Best Musical, will bring energy, explosive dancing and electrifying songs to the Collins Center for the Arts at the University of Maine at 7 p.m. Tuesday, April 28. Inspired by actual events in the underground dance clubs of 1950s Memphis, Tennessee, the musical tells the fictional story of white radio DJ Huey Calhoun (Daniel Hines) and black club singer Felicia Farrell (Zuri Washington). Their personal ambitions as well as pressure from outsiders who don't accept their love and test their relationship. Bon Jovi founding member David Bryan wrote the music for "Memphis." In addition to winning a Tony for Best Musical, "Memphis" won for Best Book of a Musical, Best Original Score and Best Costume Design. "Memphis, The Musical" is a Prather Touring production. Tickets, which are \$73, \$63, \$48 and \$33, are available [online](#) or by calling 581.1755, 800.622.TIXX.

UMaine Hutchinson Center Given \$500,000 Gift, Free Press Reports

17 Apr 2015

[The Free Press](#) reported the University of Maine Hutchinson Center in Belfast has received \$500,000 from the estate of Marilyn Duane. The gift was one of four grants totaling \$2 million that were presented to local organizations at a meeting of the Belfast Rotary Club at the Hutchinson Center. Duane, originally from Bangor, retired to Belfast in 1987 with her late husband, James T. Duane; James Duane was a member of Belfast Rotary Club, and Marilyn Duane was a member of the Belfast Garden Club and Daughters of the American Revolution (DAR), according to the article. Marilyn Duane was inspired by UMaine alumnus James Patterson, founding director of the Hutchinson Center and member of Belfast Rotary, who, she said, helped students access affordable higher education in a supportive and flexible environment, the article states. categories: umaine in the news

Anderson Quoted in Castine Patriot Article on Proposed Raw Milk Bill

17 Apr 2015

Gary Anderson, a University of Maine Cooperative Extension professor, was quoted in a [Castine Patriot](#) article about the latest legislative push to allow unlicensed raw milk sales in Maine. Two proposed bills would require milk and milk products to be labeled as unpasteurized, that farmers undergo a dairy sanitization course, and prohibit the advertising of products, according to the article. Anderson recently testified that while no illnesses related to drinking raw milk have been reported in Maine, 26 states reported 81 raw milk outbreaks from 2007 to 2012, causing 979 illnesses and 73 hospitalizations, the article states.

Cushing Native Wins National Science Foundation Fellowship, VillageSoup Reports

17 Apr 2015

The [VillageSoup](#) reported Julia Sell of Cushing is one of two University of Maine seniors who have been awarded Graduate Research Fellowships from the National Science Foundation. Sell is a physics major, honors student and undergraduate researcher at UMaine's Laboratory for Surface Science and Technology. Gwendolyn Beacham of Farmington, a biochemistry major and honors student at UMaine, also was among 2,000 students nationwide selected from among 16,500 applicants in the 2015 competition.

Kansas City Star Article on Welfare Rules Cites Butler's TANF Study

17 Apr 2015

The Kansas City Star article "Kansas and Missouri move to tighten welfare rules" cites a 2013 study by Sandra Butler, a University of Maine social work professor. Butler's study, "[TANF Time Limits and Maine Families: Consequences of Withdrawing the Safety Net](#)," found that families kicked off Temporary Assistance for Needy Families (TANF) because exceeding lifetime benefits in Maine experienced an increased reliance on food banks, inability to pay utility and other bills, and overcrowded housing conditions or reliance on homeless shelters, according to the article.

Dollars & Sense Publishes Article by Welcomer, Haggerty, Jemison

17 Apr 2015

[Dollars & Sense: Real World Economics](#) published, "Maine farmers and climate change: Reactive or proactive?" by three University of Maine professors. The article was written by Stephanie Welcomer, an associate professor of management and associate dean of the Maine Business School; Mark Haggerty, an associate professor of Honors and Rezendes Preceptorship of Civil Engagement; and John Jemison, a soil and water quality specialist with the University of Maine Cooperative Extension.

UMaine to Recognize Three Exceptional Leaders at May Commencement

20 Apr 2015

The University of Maine will award honorary doctorates on May 9 to alumni Dana Connors of Gray, Maine, president of the Maine State Chamber of Commerce, and Dennis Rezendes of Boulder, Colorado, who pioneered the hospice program in the United States; and M. Peter McPherson, president of the Washington, D.C.-based Association of Public and Land-grant Universities (APLU). The honorary doctorates will be conferred at UMaine's 213th Commencement, part of the university's 150th anniversary celebration. McPherson will deliver a keynote address at both the 10 a.m. and 2:30 p.m. ceremonies.

Dana Connors As the leader of the state's largest and most diverse business association for more than 20 years, Dana Connors oversees the Maine State Chamber's broad range of activities: advocacy efforts, economic development initiatives, workforce development opportunities, and a wide variety of member services on behalf of the state's business community. Connors began his career as the city manager of Presque Isle for 16 years, and then spent 11 years as commissioner of the Maine Department of Transportation. He has been president of the Maine State Chamber of Commerce since 1994. A Maine native, Connors received a bachelor's degree in public management from UMaine in 1965. He has been appointed by the Governor to serve on the Northern New England Passenger Rail Authority and the State of Maine Governor's Business Roundtable for Early Childhood Development. Other boards on which he currently serves include Maine Economic Research Institute; Maine Manufacturing Extension Partnership; and Maine & Company.

Dennis Rezendes Dennis Rezendes provided national leadership to improve end-of-life care for millions of people by helping establish the hospice program in this country, offering quality and compassionate care for those with terminal illnesses. As a volunteer and philanthropist, he devoted himself to educational and social justice causes at home and abroad. He is a strong believer in the power of education to open minds and change lives. With his wife, he has contributed generously to scholarships and the arts, and has created UMaine endowments to support a visiting scholar in ethics, an ethics essay competition and the Honors College. Under the auspices of the Global Volunteers organization, he also endowed a program enabling a student to volunteer for two weeks in a Third World country. Rezendes is a member of the Charles F. Allen Society, President's Club and Stillwater Society. In 2012 he received the Stillwater Presidential Award. In 2014, he was the recipient of Bernard Lown '42 Alumni Humanitarian Award. He received the Founder's Award from the National Hospice Organization (NHO), which provided national leadership to define hospice and develop the standards of hospice care. Rezendes provided direct leadership in the passage of federal legislation enabling hospice care to be a Medicare benefit. In New Haven, Connecticut in 1974, he became the nation's first hospice executive director, guiding the development of the first hospice program of care. Of Portuguese heritage, Rezendes is a second-generation immigrant and the first of his family to graduate from college. After graduating from UMaine in 1957 as an honors student with a degree in public management, he continued his education at the University of Pennsylvania, the Wharton School. From 1960–70 he served as director of administration for the City of New Haven, Connecticut. He has had a successful career both in government and the private sector.

Peter McPherson Since 2006, M. Peter McPherson has been president of the Washington, D.C.-based APLU. The association, founded in 1887, is North America's oldest higher education association, comprised of public research universities, land-grant institutions and universities in all 50 states, the District of Columbia, four territories, Canada and Mexico. APLU is the leading research, policy and advocacy organization for public research universities like UMaine.

McPherson also chairs the Partnership to Cut Hunger and Poverty in Africa, an organization he co-founded to address agricultural production and rural income issues. He is chair of the advisory committee for HarvestPlus, an organization funded at approximately \$40 million annually to research the biofortification of crops grown by workers in poor countries. Biofortification is the genetic improvement of crops to fortify them with vitamin A, iron and zinc.

From 1993–2004, McPherson served as president of his alma mater, Michigan State University. Prior to that, he was a group executive vice president with Bank of America, based in San Francisco. He also served as deputy secretary of the U.S. Department of the Treasury and the administrator of the U.S. Agency for International Development (USAID). McPherson is a former chair of the board of directors of Dow Jones and Company, publisher of *The Wall Street Journal*. McPherson received an MBA from Western Michigan University and a J.D. from American University Law School.

UMaine Ranked in the Top 50 Environmentally Responsible Colleges by Princeton Review

21 Apr 2015

The University of Maine has been named one of the Top 50 Green Colleges in the nation by Princeton Review, part of the sixth annual guide to the most environmentally responsible higher education institutions in the country. [*The Princeton Review's Guide to 353 Green Colleges: 2015 Edition*](#) profiles colleges with the most exceptional commitments to sustainability based on their academic offerings and career preparation for students, campus policies, initiatives and activities. The profiles in the guide give college applicants information about each school's admission requirements, cost and financial aid, as well as student body facts and stats. UMaine and the College of the Atlantic were the two institutions in Maine to make the top 50. UMaine was already one of Princeton Review's Best 379 Colleges — rated by students on factors ranging from financial aid to on-campus dining, and ranked as one of the best 226 in the Northeast — considered "academically outstanding and well worth consideration" by students in their colleges searches. "We are proud to have made the Green Colleges cut for the sixth consecutive year," says UMaine Sustainability Coordinator Dan Dixon. "Our top 50 ranking highlights the ongoing dedication to sustainability that is shared by UMaine's students, faculty, staff and administrators." Princeton Review's Top 50 Green Colleges is a new ranking this year. Leading the list was Lewis & Clark College in Oregon. UMaine, with a rating of 98 out of 99 possible points, was ranked 26th between Columbia University and the University of Colorado Boulder. In the free green guide, institutional profiles include "green facts," such as use of renewable energy, recycling and conservation programs to the availability of environmental studies and career guidance for green jobs, availability of transportation alternatives and the percentage of the school food budgets spent on local/organic food. Princeton Review cited UMaine's innovative "Blue Bikes" program and its free public transportation system as particularly notable initiatives. In addition, the university operates a campuswide single-stream recycling program and composts over 400,000 pounds of pre- and post-consumer food waste from campus dining facilities annually. By using the compost to grow greens in campus hoop houses, UMaine is effectively going from plate to plant and back to plate. Motivated students can join one of the many sustainability-focused groups such as The Green Team, which promotes sustainability on and around campus. **How Schools Were Chosen for the Guide** The Princeton Review chose the colleges based on "Green Rating" scores (from 60 to 99) that the company tallied in summer 2014 for 861 colleges using data from its 2013–14 survey of school administrators. The survey asked them to report on their school's sustainability-related policies, practices, and programs. More than 25 data points were weighted in the assessment. Schools with Green Rating scores of 83 or higher made it into this guide. Most of the schools (347) in this edition are in the U.S. Five are in Canada. One is in Egypt. Information about Princeton Review's Green Rating and its Green Honor Roll saluting schools that received the highest possible rating score, 99, is at princetonreview.com/green-guide. Note: The Princeton Review does not publish the schools' Green Rating scores in this guide. The scores can be found in the profiles of the schools on princetonreview.com and in the 2015 edition of The Princeton Review books, *The Best 379 Colleges* and *The Complete Book of Colleges*, published in August 2014. **How the Top 50 Green Colleges List Was Done** The Princeton Review developed the ranking list using data from its institutional survey for its Green Rating and its surveys of students attending the colleges. Ten data points from the institutional survey were factored into the assessment. Data from the student survey included student ratings of how sustainability issues influenced their education and life on campus; administration and student support for environmental awareness and conservation efforts; and the visibility and impact of student environmental groups. The Princeton Review first published this guide in 2010. It remains the only free, annually updated downloadable guide to green colleges. The company is also known for its dozens of categories of college rankings in its annual books, *The Best 379 Colleges* and *Colleges That Pay You Back*. Contact: Margaret Nagle, 207.581.3745

Maine Sea Grant Offering Monthly Radio Program on WERU-FM

21 Apr 2015

Coastal Conversations is a new monthly, one-hour public affairs program offered by Maine Sea Grant on [WERU-FM Community Radio](#) 89.9 in Blue Hill and 99.9 in Bangor. The first [show](#), which aired in January, focused on ocean acidification. Hosted by [Natalie Springuel](#), Coastal Conversations explores current issues facing Maine's coastal communities through conversations with people who live, work and play on Maine's coast. Coastal Conversations airs on the fourth Friday of the month.

Free Beginning Food Business Workshop Offered in Skowhegan

21 Apr 2015

University of Maine Cooperative Extension will offer a free introductory workshop for people considering a small-scale food business from 9 a.m. to noon Wednesday, May 6, at the UMaine Extension Somerset County office, 7 County Drive, Skowhegan. "Recipe to Market: Is it for me?" will introduce key components of starting a successful food business, including fundamentals of entrepreneurship, product development and licensing. Registration is required by Friday, May 1. To register or request a disability accommodation, call 474.9622, 800.287.1495 (in Maine), or email tammy.bodge@maine.edu.

Weekly, Maine Edge Advance Regional Concrete Canoe Competition

21 Apr 2015

[The Weekly](#) and [The Maine Edge](#) reported the University of Maine will participate in and host this year's New England Regional Concrete Canoe Competition. More than 200 students from 11 New England universities, including UMaine, will subject their concrete canoe creations to judging on a variety of characteristics at UMaine's Advanced Structures and Composites Center on Friday, April 24 and at Lake George Regional Park in Skowhegan on Saturday, April 25. The regional competition provides undergraduate students a chance to design and build using skills they learned through their civil engineering curriculum. The contest is a precursor for teams aiming to compete in the American Society of Civil Engineers' National Concrete Canoe Competition to be held in June at Clemson University in South Carolina.

BDN Features UMaine Extension Videos on Composting

21 Apr 2015

The [Bangor Daily News](#) referenced University of Maine Cooperative Extension videos and a guide on how to compost in the article, "Interested in composting? Here's what you need to get started." The report cited the UMaine Extension [bulletin](#), "Home Composting," as well as two videos featuring Mark Hutchinson, a UMaine Extension educator and professor.

MPBN, WVII Report Student Leaders from Across System Gather at Summit

21 Apr 2015

More than 80 student leaders gathered in Orono for a summit to discuss ways to improve student culture and involvement across all seven campuses of the University of Maine System, the Maine Public Broadcasting Network and WVII (Channel 7) reported. During the conference, students were expected to hear talks by UMaine President Susan J. Hunter, University of Maine System Chancellor James Page, and other university leaders, as well as presentations from student leaders across the system, according to MPBN.

Littrell Writes BDN Article on Women's, Gender, and Sexuality Studies

21 Apr 2015

Nicolle Littrell, a University of Maine women's studies educator and Belfast filmmaker, wrote an article for the [Bangor Daily News](#) about UMaine's Women's, Gender, and Sexuality Studies program. Her article examines five common misconceptions about the discipline that persist despite recent curriculum changes that reflect a broader, more inclusive approach to programming. Some of the myths are addressed in a new video campaign from the Women's, Gender, and Sexuality Studies program titled, "This is what a UMaine Women's, Gender, and Sexuality Studies Student Looks Like," according to the article. The campaign launches Tuesday, April 21, in the Bangor Room of the Memorial Union.

Press Herald Publishes Feature on Stancioff

21 Apr 2015

The [Portland Press Herald](#) published a feature for its “Meet” series on Esperanza Stancioff, an associate professor and climate change educator with the University of Maine Cooperative Extension and Maine Sea Grant. Stancioff oversees the Signs of the Seasons program, which uses volunteers to observe and record seasonal changes as a way to track Maine’s changing climate, according to the article. “We are constantly reaching out to people all over the state, and we’d love to have more people out there observing,” Stancioff said of the program that began in 2010. “The more data, the better information we are going to get.”

Garland Speaks with BDN About Companion Planting

21 Apr 2015

The [Bangor Daily News](#) interviewed Kate Garland, a horticulturist with the University of Maine Cooperative Extension, for an article on the science and folklore of companion planting. Science shows that planting certain crops together can yield more bountiful results and potentially keep pests away, according to the article. “A lot of people feel very strongly about companion planting. Maybe they learned about it from their grandfather or grandmother, so it may not be based in science — but it works,” Garland said. “But, no one person is going to be 100 percent right all the time.” Garland said there are many suggested plant pairings related to either plant compatibility or timing.

WABI Covers Healthy High Race, Sexual Assault Awareness Event

21 Apr 2015

WABI (Channel 5) covered the University Credit Union’s 8th annual Healthy High 5k/10k and 1-mile run/walk at the University of Maine on April 20. The race promotes health and wellness for members of the university and surrounding community. Proceeds benefit the UMaine Bodwell Center for Service and Volunteerism and the Black Bear Exchange food pantry and thrift store. During the race, the UMaine student organization Male Athletes Against Violence hosted the awareness event, “Walk a Mile in Her Shoes.” Male student-athletes wore red high heels and walked one mile to symbolize the difficulty of being a woman in today’s society. Organizers told WABI they hope the demonstration helps raise awareness for the prevention of sexual violence. WVII (Channel 7) also reported on the race.

Dill Quoted in NE Center for Investigative Reporting Article on Lyme Disease

21 Apr 2015

Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, was quoted in the [New England Center for Investigative Reporting](#) (NECIR) article, “Despite spread of Lyme disease, Mass. dedicates no money to prevention.” Dill said the extremely cold winter most likely didn’t kill many ticks because “most of them were three feet under ... warm and well-insulated” by the snow, the article states. Northeast states generally don’t spend much on tick-borne disease prevention, according to the article, although Maine voters in November approved \$8 million for a UMaine Extension lab that will test ticks and conduct other pest-related research. Massachusetts’ [Eagle-Tribune](#), [Lowell Sun](#) and [Worcester Telegram & Gazette](#) carried the NECIR article.

Media Cover Zimmerman Fitness Challenge

21 Apr 2015

The [Bangor Daily News](#), WABI (Channel 5) and WVII (Channel 7) reported on the 2015 1st Lieutenant James R. Zimmerman Memorial Fitness Challenge at the University of Maine. The event, hosted by the UMaine Naval Reserve Officer Training Corps (NROTC), was established in 2011 to honor and remember Zimmerman, a 2008 UMaine graduate from Presque Isle, who was killed in action in November 2010 while in combat during Operation Enduring Freedom in Afghanistan. More than 40 teams of four competed in a variety of physical activities including pack runs, pull ups and a crawl through a mud pit on the course through campus as well as surrounding fields and trails. “This is very special today; to have him remembered,” Zimmerman’s mother Jane told WVII.

Porter, Student Speak with MPBN About New Potato Variety

21 Apr 2015

Gregory Porter, chairman of the Department of Plant, Soil and Environmental Sciences; and Matt Schultheis, a student in Porter's lab, spoke with the Maine Public Broadcasting Network for a report about a new potato variety created by UMaine and the Maine Potato Board. Porter described the Caribou Russett as having high quality for fresh consumption, such as a baked or mashed potato, as well as for making healthier french fries. It also produces high yields and has a good internal quality, he told MPBN. Schultheis spoke about how a potato is created in the lab by collecting and transferring pollen. "I'm collecting pollen from individual clusters and then taking pollen from other plants and applying them to the stigma of individual other clusters that we have made for crossing by taking the anthers off and applying the pollen directly to the stigma," he said.

2015 Undergraduate Research and Academic Showcase Winners

21 Apr 2015

Student research was displayed during the 6th annual Undergraduate Research and Academic Showcase on April 14. The event, sponsored by UMaine's Center for Undergraduate Research (CUGR), was open to any undergraduate at the university and featured 121 presentations from 229 students in the form of 92 posters, 16 oral presentations or performances, and 13 exhibits. Several presentations included multiple students. Following are the winning presentations: Exhibits

- Samuel Gates of Old Town, Maine; and Meghan Hurlburt of Union, Maine, "Multi-Tag Radio Frequency Indication for Use in Indoor Positional Tracking Systems;" adviser: Nicholas Giudice, School of Computing and Information Science

Oral Presentations

- Danielle Walczak of Lee, New Hampshire, "Forward, Not Back: Young People's Search for Farming and Community in Maine;" adviser: Melissa Ladenheim, Honors College (first place)
- Vincent Digiovanni of Belmont, Massachusetts, "Chemical Degradation and Functionalization of Acarbose for the Creation and Study of Novel Alpha Amylase Inhibitors Related to the Acarviostatin Family of Natural Products;" Adviser: Matthew Brichacek, Department of Chemistry (second place)

Posters

- Eliza Kane of Deer Isle, Maine, "The Geochemistry and Historical Ecology of a Burnt Mississippian House at the Lawrenz Gun Club Site in the Central Illinois River Valley;" adviser: Alice Kelley, School of Earth and Climate Sciences (first place)
- Kai Hermansen of Old Town, Maine; Abbie Gray of Poland, Maine; Evan Nadeau of Brewer, Maine; Viktoria Staples of Brooklin, Maine; and Roger Brasslett of Brewer, Maine, "Exercise Education at Brewer High School Health Class;" adviser: Elizabeth Bicknell, School of Nursing (second place)
- Jacob Posik of Turner, Maine; Cameron Marcotte of Lewiston, Maine; Jacob Hatch of Portland, Maine; Harold Trey Stewart III of Presque Isle, Maine; and Adam Thibodeau of Bangor, Maine, "Confronting The Challenges of Studentification in Residential Orono Neighborhoods;" adviser: Robert Glover, Department of Political Science (third place)

Also announced at the showcase were the five winners of a \$3,000 Summer Research and Creative Academic Achievements Fellowship:

- Spencer Desrochers of Biddeford, Maine, "Optimizing Power Usage of Modern Computing Systems;" adviser: Vincent Weaver, electrical and computer engineering
- Ailish Foley of Montville, Maine, "The Effects of Collection Time, Auxin Concentration, and Wounding on Root Formation of Softwood and Semi-Hardwood Cuttings of *Rhododendron Canadense*;" adviser: Bryan Peterson, School of Food and Agriculture

- Zachary Mason of Wells, Maine, “Increasing Resolution of Tropical Last Glacial Maximum Record with Cosmogenic Surface Exposure-Dating;” Brenda Hall, Earth and Climate Sciences
- Scott Mitchell of Haymarket, Virginia, “Use of FAME Profiling to Detect Differences in Microbial Activity in Compost from Horses Treated with and without Antibiotics;” adviser: Robert Causey, School of Food and Agriculture
- Jessica Moore of Bangor, Maine, “Investigating a Link Between Inflammation and Invasive Candidiasis;” adviser: Robert Wheeler, molecular and biomedical sciences

‘Making it in Maine’ Black Bear Business Conference April 24

22 Apr 2015

The University of Maine Alumni Association will host the second annual Black Bear Business Conference on Friday, April 24 at the Buchanan Alumni House on the UMaine campus. “Making it in Maine,” aims to connect would-be entrepreneurs from across the state with a range of available resources to help them succeed. The half-day conference, which runs from 1–5 p.m., will include presentations, exhibits and panel discussions on topics such as marketing, financing, technology and legal issues involved in launching a business. Corson “Corky” Ellis of Kepware Technologies, a proponent of entrepreneurship in Maine and vice chair of the Maine Small Enterprise Growth Fund, a state-funded venture capital organization, is the keynote speaker. An entrepreneurs panel including Kate McAleer, founder of Bixby & Co. craft chocolate, will speak about resources they tapped and challenges they overcame to launch successful businesses. Tom Chappell, a Maine-based entrepreneur, author and environmentalist best known for co-founding Tom’s of Maine, will close the conference. Participants will have the opportunity to network at a reception from 5–7 p.m. Registration for the conference and reception is \$25 for Maine residents and is available [online](#). More information about the event, including a program and speaker biographies, is available on the UMaine Alumni Association [website](#). For more information or to request a disability accommodation, contact Susan Mullaney at 581.1147, susan.mullaney@umit.maine.edu.

Lambing Season Underway at Witter Farm

22 Apr 2015

Spring has arrived at the University of Maine’s J. Franklin Witter Teaching and Research Center where lambing season has begun. About 20 students in the Animal and Veterinary Sciences Program are providing prenatal, delivery and post-delivery care for the flock of registered Icelandic ewes at the Orono farm. Since the season began in early April, the students have overseen five sets of births. Five more births are expected in the next few weeks. James Weber, associate professor in the School of Food and Agriculture and the university’s attending veterinarian, is coordinating the student participation. He says the students are responsible for 100 percent of the animal care and are heavily invested. “A student who was assigned to lambing watch texted me one night to say she thought the ewe was going to give birth,” Weber says. “By the time I arrived at the farm, there were 15 other students there. And this was at 9 p.m.” The experience provides an educational, hands-on opportunity for the students, especially the seven who plan to attend veterinary school next year, Weber says. Witter farm currently is home to 10 ewes, two rams and 11 lambs, as well as cows and horses. The sheep have recently returned to campus after the farm’s herd was sold six years ago because of financial constraints, Weber says. Weber’s \$200,000 USDA grant for research on a deadly sheep and goat parasite helped bring the lambs back to the farm. The three-year Northeast Sustainable Agriculture Research and Education (SARE) study aims to develop and implement a winter management protocol for *Haemonchus contortus*, or barber pole worm, in northern New England. During the region’s cold winters, the parasite is confined to the animals’ digestive tract. In the spring, overwintering larvae mature to adults that contaminate pastures and can sicken or kill pastured animals. The researchers hope to reduce the effect of the pests on grazing sheep through winter treatments, or by delaying return to pasture until the first generation of adult worms die within the host. Weber and his team will take the data they find at Witter and test it on commercial farms in Maine, New Hampshire and Vermont. They also plan to teach the protocol, as well as conventional diagnostic and treatment tools, to commercial sheep and goat farmers throughout the region. In addition to contributing to research and veterinary care education, the sheep have provided an opportunity

for students to market and sell wool to local spinners, Weber says. The students also may market some of the lambs that aren't needed for the study. The farm is frequently visited by locals, as well as children on field trips, who enjoy seeing and learning about the animals. Witter Farm is open daily to visitors. Photos and more information is on the students' Ewe Maine Icelandics Club [Facebook](#) page.

BDN Publishes Op-Ed by Professor Emeritus Tjepkema

22 Apr 2015

The [Bangor Daily News](#) published an opinion piece by John Tjepkema, professor emeritus in the School of Biology and Ecology at the University of Maine. Tjepkema's article is titled "We must reduce our carbon footprints, but that's only the beginning."

Maine Edge Reports on 2015 Valedictorian, Salutatorian

22 Apr 2015

[The Maine Edge](#) published a University of Maine news release announcing the 2015 valedictorian and salutatorian. Gwendolyn Beacham of Farmington, Maine, is this year's valedictorian, and Katelyn Massey of Waterville, Maine, is the salutatorian. Beacham, a biochemistry major and Honors student, also was named the Outstanding Graduating Student in the College of Natural Sciences, Forestry, and Agriculture. This fall, she will enter the Ph.D. track at Cornell University in biochemistry, molecular and cell biology. Massey is a psychology major with a concentration in development and a minor in communication sciences and disorders. For the past four years, she has been a forward on the UMaine women's ice hockey team, serving as assistant captain this year and taking Hockey East Top Scholar Athlete honors from 2012–14. This fall, she will pursue graduate work in communication sciences and disorders at UMaine.

Mount Desert Islander Advances Youth Gardening Program

22 Apr 2015

The [Mount Desert Islander](#) reported the University of Maine Cooperative Extension will offer a youth gardening program May through September in Somesville. "Kids Can Grow!" is designed for children ages 7–12 and offers monthly hands-on gardening classes, as well as materials and help for each participant to build their own raised bed. Master Gardener volunteers will guide each child's efforts, according to the article. Participants will learn about planting, growing and harvesting their own vegetable, herb and flowering plants; nutrition and food safety; and teamwork, the article states.

Press Herald Reports on UMaine Business Challenge Finalists

22 Apr 2015

Finalists for the UMaine Business Challenge, the state's largest student entrepreneurship competition, were announced in a [Portland Press Herald](#) blog post. One of the five finalists will receive a \$5,000 award to help develop their idea into a business, according to the article. The UMaine Business Challenge was founded in 2011 by a group of 2010 UMaine graduates who wanted to give back to their alma mater while creating more opportunities for student entrepreneurs. This is the first year in which students from any Maine college or university were invited to apply, the article states. Among those competing in the final live pitch event April 25 are Nadir Yildirim, a UMaine Ph.D. student, who wants to develop eco-friendly products for the insulation, construction and food-packaging industries; and Eddie Gonnella and Cody Rubner from UMaine who are developing an online platform to make it easier for people to organize and plan trips into the Maine woods.

Ippolito Wins Thoma Foundation's Inaugural Digital Arts Writing Award, Media Report

22 Apr 2015

[ARTnews](#) and [Artforum](#) reported Jon Ippolito, a new media professor at the University of Maine, has received a new prize for writers who concentrate on covering digital art. The Thoma Foundation, a foundation established by Carl and Marilyn Thoma, created the Thoma Foundation Arts Writing Fellowship Award to acknowledge those “who have contributed significantly to the field of writing in the digital arts,” according to Artforum. Ippolito received the \$30,000 award for being an established arts writer, while Joanne McNeil, a freelance New York City writer, received \$15,000 in the emerging arts writer category.

Food Safety News Interviews Wu About Latest Research

22 Apr 2015

Vivian Wu, a professor of microbiology and food safety in the School of Food and Agriculture, spoke with [Food Safety News](#) about her latest research. Wu recently received a \$4.9 million grant from the U.S. Department of Agriculture (USDA) to improve processing technologies to enhance the safety and quality of fresh produce and low-moisture foods, such as raw grains, spices, seeds and nuts, without using heat. “Heat is a very effective way to control microbial contamination, but there are food products that heat just doesn’t work that well,” Wu said, mentioning foods such as produce and grains. “We want to develop nonthermal processing techniques to maintain the safety of produce and low-moisture food.” This year, Wu will receive \$900,000 of the \$4.9 million for the first year of the five-year interdisciplinary project, which will be a joint research collaboration between UMaine and USDA’s Agricultural Research Service Eastern Regional Research Center, Virginia Tech, University of Delaware and Ohio State University, the article states.

Mayewski Delivers Keynote at Emergency Management Conference, Media Report

22 Apr 2015

Paul Mayewski, director of the Climate Change Institute (CCI) at the University of Maine, gave the keynote address at the seventh annual Maine Partners in Emergency Preparedness Conference in Augusta, according to media reports. The two-day event focuses on climate change implications for the state. The [Kennebec Journal](#) covered Mayewski’s talk that focused on the need for local communities to be better prepared for different types of emergencies as expected increases in temperature, sea level and rainfall continue. Mayewski said the CCI is developing a framework to help communities, the state and others plan for the effects of climate change, the KJ reported. The [Portland Press Herald](#) also published the KJ article. The Associated Press previewed the conference and Mayewski’s talk. [Sun Journal](#), SFGate and WLBZ (Channel 2) carried the AP report.

Provost Hecker Writes Op-Ed on Student Debt for Press Herald

22 Apr 2015

Jeffrey Hecker, executive vice president for academic affairs and provost at the University of Maine, wrote an opinion piece for the [Portland Press Herald](#) titled “Timely graduation could help cut UMaine student debt.” Hecker cited recent findings that show the amount of debt students accumulate while earning a bachelor’s degree depends on how long they are in school. The average student debt for Maine residents who complete their UMaine degree in four years is \$22,101. The debt rises to \$33,482 for those who take six years to graduate, according to Hecker. “The implications of these findings are obvious: If we can help students complete their degrees in a timely fashion, we can cut costs significantly,” Hecker writes, citing the [Provost’s Action Plan for Retention and Graduation](#), which includes steps UMaine is taking to improve student retention and graduation.

Professor Emeritus Alan Langille Passes Away

23 Apr 2015

Alan Langille, who joined the University of Maine’s Plant and Soil Sciences Department as an assistant professor in 1967, passed away April 19, 2015. Langille spent 39 years at UMaine, retiring in 2006. During the last decade of his

career, he taught and developed a field research program in turfgrass science, establishing UMaine as an official site for the National Turfgrass Evaluation Program, according to his obituary. Langille was 77. His obituary is [online](#).

UMaine, Bangor Public Library to Present Historic German Correspondence

23 Apr 2015

The Bangor Public Library will host an event to introduce letters and photos related to a German politician and diplomat from 5–7:30 p.m. Monday, May 4. At the end of World War II, an American soldier found a box of letters and photos belonging to the family of Franz von Papen. In 2013, the box was donated to the Bangor Public Library. Among the collection of letters are those written by von Papen to his wife while he was German military attaché to America in 1914–1915, and others to his son during the 1930s and 1940s. At the presentation, UMaine professor emeritus of history Richard Blanke will place the material in the letters as well as von Papen's importance into historic context. German instructor Anette Ruppel Rodrigues will comment on the relationship between the couple gleaned from the letters. She also will speak about the multilingual ability of the von Papens. Justus Hillebrand, a UMaine Ph.D. student in history and research team volunteer, will speak on the difficulties of reading old manuscripts, as well as provide insight into German daily life during World War II based on the letters from the early 1940s. The event is free and open to the public. The research project, "Historic Franz von Papen Correspondence," was funded by the University of Maine Humanities Center through the Public Humanities Grant. The Bangor Public Library is a partnering institution with the grant.

WVH Reports Bryant Pond Learning Center to Host Camp North Woods

23 Apr 2015

WVH (Channel 7) reported the University of Maine 4-H Camp and Learning Center at Bryant Pond will host Camp North Woods, an opportunity created by the Maine Department of Inland Fisheries and Wildlife. The camp, which was established to build upon the popularity of the Animal Planet show "North Woods Law," aims to provide opportunities for youth and their families to learn outdoor skills and the importance of sustaining Maine's natural resources, the report states. The [Bangor Daily News](#) also published an article about the camp.

Engineering Students, Faculty to Participate in Center's Space Day, Maine Edge Reports

23 Apr 2015

Students and faculty from the University of Maine College of Engineering will take part in The Challenger Learning Center of Maine's "Space Day" celebration during its sixth annual open house on April 29 in Bangor. Researchers from UMaine's Wireless Sensing Laboratory (WiSe-Net Lab), directed by electrical and computer engineering professor Ali Abedi, will provide demonstrations throughout the free, public event, according to the article.

Bayer Speaks with WLBZ About Higher Lobster Prices Following Long Winter

23 Apr 2015

Bob Bayer, executive director of the Lobster Institute at the University of Maine, spoke with [WLBZ](#) (Channel 2) for a report about how the colder-than-average winter is playing a role in higher lobster prices. The current wholesale market price of lobster is up to an average of \$9 a pound, according to the report. While the past winter did not decrease lobster populations, it chilled the water long enough to keep the crustaceans in one place, the report states. According to UMaine biologists, when the water is below 40 degrees, the lobsters don't move around as much and are less interested in finding food, including the bait inside lobster traps. "Prices are higher because there aren't as many lobsters available and demand is strong," Bayer said, adding the cold water may help decrease the invasive green crab population. Bayer also spoke with the [Maine Public Broadcasting Network](#) for a report about the high lobster prices.

UMaine's Clean Snowmobile Featured in Engadget Article

23 Apr 2015

[Engadget](#) published the article, “UMaine’s clean snowmobile runs on (a lot of) natural gas,” about a machine customized by University of Maine mechanical engineering students. The students say the snowmobile is the only natural gas-powered snowmobile in the U.S., according to the article. The Arctic Cat XF1100 was customized by the students to compete in the Society of Automotive Engineers Clean Snowmobile Challenge, which was founded to create machines capable of running in Yellowstone National Park where rules about noise and emissions keep gas snowmobiles out, the article states.

Alicia Valente: Athletic Trainer

23 Apr 2015

University of Maine athletic training major Alicia Valente of New Gloucester, Maine will represent the New England Region at the National Athletic Trainers’ Association Quiz Bowl in St. Louis, Missouri on June 25. Valente will compete against nine other teams of three, each representing a district of the National Athletic Trainers’ Association. New England makes up District 1. Contest questions include topics such as anatomy, treatment of injuries, athletic training history, preventative care and diagnosis, Valente says. “The quiz bowl is an important way to represent our districts, as well as our states and programs. It’s a fun way to display the education we’re receiving,” Valente says, adding teams that finish in the top three receive money for their school’s athletic training program or club. Valente earned her spot in the national Jeopardy-style competition after participating in a regional contest during the 2015 Eastern Athletic Trainers’ Association Convention at the Eastern Athletic Trainers’ Association Conference in Philadelphia. She competed against undergraduate and entry-level graduate students from several institutions including Springfield College and the University of Vermont. Valente came in second place in the regional contest. This was the senior’s second year competing in the regional quiz bowl, and will be her first time competing nationally. “Having been a part of it last year made me confident that I had a good shot at placing this year,” Valente says. “I made sure I went into it less nervous than last year and just answered everything to the best of my ability. The other students who came to the conference with me were so supportive and it helped to see them cheering for me in the crowd. **What are you most looking forward to about the National Athletic Trainers’ Association Quiz Bowl?** I always like meeting students from other programs and other parts of the country. **Why did you choose to study athletic training?** I knew I wanted to pursue a career in the medical field, but wasn’t sure what. I spent some time researching the nursing program here when I was a freshman, but decided that wasn’t for me. Athletic training combines my interest in sport with my interest in medicine and the human body into one major and career. **Why UMaine?** For me, UMaine is perfect because it’s affordable, diverse and only a few hours from home. **Describe the hands-on training you’ve received while at UMaine:** Athletic training students at UMaine complete four clinical rotations during our second and third year. We work with an athletic trainer at either UMaine, Husson University, Bangor High School or Orono High School. We assist the athletic trainer with their job as much as we can, depending on how much we’ve learned at the time. We work with the athletes under their supervision, practice skills with them, and learn from them. My second year at UMaine I was with UMaine field hockey, UMaine men’s basketball, UMaine women’s ice hockey, and UMaine spring football. My third year, I covered Husson fall sports and UMaine baseball. This past fall I completed a 50-hour general medical observation rotation at Cutler Health Center. **Have you worked closely with a professor or mentor who made your UMaine experience better?** Sherrie Weeks and Chris Nightingale are the core athletic training professors who I’ve worked closely with. Our program is small but very tough. I thank them for making the program so competitive; it’s made me grow tremendously over the past four years. With my class being so small, we’ve basically become family and I wouldn’t have made it without them. **Beyond academics, what extracurricular activities occupy your time?** I enjoy spending time with friends and family, going to camp, going to the beach, and exercising. **What are your plans for after graduation?** Get a job and work while planning to continue with more school in the future. **What difference has UMaine made in your life and in helping you reach your goals?** UMaine has given me the opportunity to work with a variety of different athletes from Division I and Division III, which has made me a well-rounded athletic training student. UMaine also has helped fund some of our Athletic Training Student Organization’s trips to conferences in order to learn, network, represent UMaine, and of course, compete in quiz bowls. The sense of community at UMaine is outstanding. I always feel supported and love being a part of UMaine.

Exceptional in Their Fields: Meet UMaine's 2015 Outstanding Graduates

24 Apr 2015

Stellar seniors — who come from throughout Maine, and Canada and Nepal — share their UMaine experiences. Learn about their research, community service and world travels, and their plans for the next chapter in their lives. **Zoe Berkey** Outstanding Graduating International Student College of Engineering Bachelor of Science in Civil Engineering



Zoe Berkey of Duncan, British Columbia, Canada, majored in civil engineering. A midfielder on the UMaine field hockey team, her America East Conference honors include All-Academic Team since 2012. Most recently and for the fourth consecutive year, Berkey also was named to the National Academic Squad of the National Field Hockey Coaches Association, Division I. In the summers of 2012 and 2013, Berkey worked as an engineering summer student in the municipal wastewater treatment plant of North Cowichan, Duncan, British Columbia. Her plans include pursuing a career in hydrology and environmental engineering.



Katherine Bolster Outstanding Graduating Student Maine Business School Bachelor of Science in Business Administration in Accounting with an additional major in Finance Katherine Bolster of Walpole, Maine, majored in accounting and finance. Bolster is a member of Beta Gamma Sigma and Alpha Lambda Delta honor societies, and served as a peer tutor. She is Bloomberg certified. Bolster has accepted an internship at State Street in Boston, Massachusetts, and ultimately plans to pursue certification as a public accountant.



Samantha Dunton Outstanding Graduating Student College of Education and Human Development Bachelor of Science in Elementary Education Bachelor of Science in Secondary Education Samantha Dunton of Winterport, Maine, majored in elementary education and secondary education, with concentrations in science and mathematics, and a minor in French. She received a Galen Cole Family Foundation Scholarship and a Project Reach Endorsement to be certified to teach English as a Second Language. Last summer, Dunton served as an undergraduate research assistant for the Maine Physical Science Partnership, conducting research on problem solving in a college chemistry course. In 2012, she studied abroad at the University of Angers. She completed her student teaching at Dedham School and Hermon Middle School. Dunton was involved in the Student Education Association of Maine and worked in an after-school program in Bangor. In addition, for the past six years, Dunton has worked for Bangor Parks and Recreation as a coach, counselor and assistant supervisor. She plans to teach in Maine.



Robert Fasano Outstanding Graduating Student College of Liberal Arts and Sciences Bachelor of Science in Physics Robert Fasano of Jefferson, Maine, majored in physics, with a minor in mathematics. His academic honors include a Theodore and Dorothy Whitehouse Scholarship, and a Creative and Academic Achievement Fellowship from the Center for Undergraduate Research. For the past two years, Fasano has been conducting research to develop a fast, flexible code to construct model galaxies in dynamical equilibrium — models that can be used in conjunction with N-body simulators to investigate galactic instabilities and dynamics over long time scales. Last summer, as part of a National Science Foundation Research Experience for Undergraduates at the University of Colorado, he developed a semiclassical model of cavity-assisted atom cooling for narrow line-width atoms, with the ultimate goal of harnessing synchronization of atoms as a new laser cooling technique. For the past two years, Fasano has been a Maine Learning Assistant and a member of UMaine's Society of Physics Students, this year serving as president. He served as secretary of Black Bear Robotics and was a member of the design team for the UMaine chapter of Engineers Without Borders, translating into Spanish a septic system operations and maintenance manual used in a rural Honduran community. In August, he will join the Optical Frequency Measurements Group at the National Institute of Standards and Technology in Boulder, Colorado, conducting research on cavity-stabilized laser systems for use in cutting-edge atomic clocks. This fall, he will enter the Ph.D. program in physics at the University of Colorado Boulder.



Michael Munson Outstanding Graduating Student Division of Lifelong Learning Bachelor of University Studies Michael Munson of Hudson, Maine, majored in university studies and minored in Maine studies. After attending UMaine and earning professional certification at Eastern Maine Technical College in the early 1980s,

Munson went on for licensing in the state of Maine in the oil and natural gas service fields. At UMaine, he pursued interdisciplinary coursework, with particular focus on Maine history, environmental and climate change, and respect for cultural diversity and preservation. He developed a series of experiential learning videos on reverence for life and cultures, veteran recovery programs and a living history trail of the 1775 Arnold mission to Quebec. The videos were created for nontraditional students who are challenged in making Maine's often resource-based historical patterns relevant to their employment, education and community involvement.



Benjamin Pomeroy Outstanding Graduating Student College of Engineering Bachelor of Science in Civil Engineering Benjamin Pomeroy of Cape Elizabeth, Maine, majored in civil engineering. He holds a bachelor's degree in international development studies from McGill University, which he earned in 2011. Pomeroy served as president of the UMaine chapter of Tau Beta Pi honor society, and since 2012, has been a member of Engineers Without Borders, which took UMaine student crews to Honduras for a wastewater treatment project and a clean water initiative in Ecuador. For two years, he worked for UMaine's Advanced Structures and Composites Center, first in lab research and design related to VoltturnUS, UMaine's 1:8 scale model floating wind turbine platform, and engineering design related to composite arch bridges. Last summer, he had a structural bridge design internship with HNTB Corporation in Westbrook, Maine. Pomeroy plans to pursue a career in structural bridge design in Maine.



Riju Shrestha Outstanding Graduating International Student College of Natural Sciences, Forestry, and Agriculture Bachelor of Science in Biochemistry Riju Shrestha of Kathmandu, Nepal, majored in biochemistry. She received the Frederick H. Radke Award and is a member of the Phi Beta Kappa honor society. Last summer, Shrestha received a research fellowship from the Maine IDeA Network for Biomedical Research Excellence (INBRE) to serve as a research assistant at Bowdoin College, examining the impact of phenotypic and genotypic changes in the fungal pathogen *Candida albicans* during host adaptation. In the previous summers, and throughout the past academic year, Shrestha has been a research assistant at UMaine, analyzing host-pathogen interaction using zebrafish and *Candida albicans*, a commensal fungal organism that can cause severe infections in immunocompromised individuals. For the past three years, she has worked as a resident assistant on campus, and has been an active member of the International Student Association, South Asian Association of Maine, Partners for World Health and the UMaine chapter of the Maine Society for Microbiology. Shrestha plans to pursue a career in public health research.



Holly Stewart Outstanding Graduating International Student College of Education and Human Development Bachelor of Science in Kinesiology and Physical Education Holly Stewart of North Vancouver, British Columbia, Canada, majored in kinesiology and physical education, with a concentration in exercise science. Stewart, a forward on the UMaine field hockey team, received the 2014 “M” Club Dean Smith Award and was on the Gladiator National Academic Squad from 2011–13. She was named to the National Field Hockey Coaches Association (NFHCA) All-Region Team and the America East Conference First Team, both in 2013 and 2014. Stewart also was an SGI/NFHCA Division I Scholar of Distinction in 2013 and 2014. Last summer in Vancouver, she had a physical therapy internship at the Allan McGavin Sports Medicine Centre and volunteered in a stroke rehabilitation class in the North Vancouver Community Recreation Centre. Stewart has been playing for Team Canada, and hopes to help the team qualify for the 2016 Olympics. She also plans to pursue graduate work in physical therapy. Contact: Margaret Nagle, 207.581.3745

UMaine Students Design Device for Girl with One Hand to Play Recorder

24 Apr 2015

Seven teams of University of Maine Mechanical Engineering Technology (MET) students will unveil their design challenge projects from 9 a.m. to noon on Maine Day, Wednesday, April 29, in Bennett Hall on campus. Maine Day at the university is about providing service. And for MET students, it's typically when they debut their senior capstone projects, which often are created to meet needs of people with challenges. Nia Nicola, 8, a student at Indian Island School in Old Town, will be particularly interested in the demonstrations. Not only will she select the winner, the project will benefit her. Nicola, who was born without a left hand, will take home the design that best supports her while she plays a Baroque soprano recorder. Last summer, Melissa Barton, music teacher at Indian Island School, proposed the project to UMaine MET personnel. Barton would like Nicola to be able to fully participate in music class. Criteria for the device include that it allows Nicola to use both arms and play nine Baroque notes. It also needs to be able to be disinfected and continue to function as Nicola grows. She needs to be able to put the discrete device together and take it apart. And, if possible, it should be her favorite color — purple. For about six months, UMaine student teams have been brainstorming, planning, building, testing and tweaking the devices. MET teaching assistant Emmett Hodder says the 50 participating seniors have become more knowledgeable about music and instruments, as well as better educated about the engineering design process. Team 4 scholars Gentry Burch of Owls Head, Maine; Corey Denis of Waterville, Maine; Justin Dobrovich of Kennebunk, Maine; Dylan Johnson of Bennington, N.H.; Brian Kearns of Eddington, Maine; Aaron Koss of Vermont; and Travis Sherman of Winthrop, Maine titled their project “Notes for Nia.” “The ability to play music has been an inspiration for many throughout generations,” they wrote. “Opportunities to assist someone in need and allow for their personal enjoyment is an inspiration to create the best product possible.” Previous years’ MET projects have included a stair-climbing wheelchair and a human-powered watercraft for a person without arms. **Schedule** The first portion of the design challenge begins at 9 a.m. Sessions run back-to-back, thus the end time could be between 11:30 a.m. to 12:30 p.m. Events will be in Room 137, Bennett Hall unless otherwise noted.

1. Musical tone testing, Room 140, Bennett Hall
2. Judging at team tables
3. Case Race — Students will be timed removing the device from the case, assembling it, playing a note, disassembling it and returning it to the storage case.

4. Cleaning demonstration — Teams will show how to maintain the device and give directions for disassembly and cleaning.
5. Presentations — Each team will provide a 10-minute description about how it came up with the design and why it's the best choice for the client.
6. Musical competition — One member per team will play “Camptown Races” on a recorder equipped with his or her team's respective design. This is the only event the audience will judge.

Contact: Beth Staples, 207.581.3777

Skonberg, Student Team With Company to Study Aquacultured Seaweed Products

24 Apr 2015

University of Maine associate professor Denise Skonberg and graduate student Dhriti Nayyar are working with a Bristol company to study the shelf life and nutritional values of aquacultured sea vegetable products. Maine Fresh Sea Farms, a startup based on the Damariscotta River, is one of five Maine companies to share \$471,571 in Value Added Producer Grants from the U.S. Department of Agriculture's Rural Development Program. The federal grants were awarded in August 2014 to preserve rural jobs at companies that process and add value to agricultural products. Maine Fresh Sea Farms received \$71,673 to help “study the feasibility of delivering fresh aquacultured sea vegetable products to the marketplace using agricultural produce and seafood distribution systems,” in addition to helping it create a business plan, the USDA said. The funds also will help the company retain 21 jobs and create 10 more over the next decade. To study the products, the company turned to Skonberg, a professor of food science and human nutrition in the School of Food and Agriculture. Skonberg and Nayyar are collecting baseline data on the length of time several species of sea vegetables can be considered fresh while under refrigeration. They also are conducting basic nutritional analyses to help meet nutritional labeling requirements. Skonberg anticipates the study will provide key information about the nutritional benefits and shelf-life stability of four varieties of sea vegetables that are farm raised in Maine. “This information will help the newly developing seaweed industry in Maine with marketing their products, and will help them make decisions about how best to harvest, handle, process, store and distribute products to their customers,” Skonberg says. “The results will promote the production of locally sourced, high-quality and nutritious seaweed products from Maine and help in job creation along the coast.” Throughout the yearlong project, the researchers will look at four species of freshly harvested aquacultured seaweeds — sugar kelp (*Saccharina latissima*), dulse (*Palmaria palmata*), *Gracilaria*, and winged kelp (*Alaria*) — grown on the company's Clark Cove farm. Basic nutritional analyses will be conducted on the raw sea vegetables on a wet weight basis — not dried — for use on nutrition labels. Samples of each species will be collected throughout the year during the time period that each would normally be available for harvest and sale. Using standard harvesting and handling procedures, Maine Fresh Sea Farms will transport the vegetables to UMaine where they will be refrigerated and then stored for up to 12 days, or until they are unfit for human consumption. Whole fronds along with a shredded seaweed salad version of three species — sugar kelp, winged kelp and dulse — will be periodically tested for quality. Although some nutrient data already exist for dried sugar kelp and dulse, it has been shown that growing conditions, region, strain and time of harvest can affect the nutrient profile of sea vegetables, according to Skonberg. The sea vegetables will be assessed for basic nutrient composition — water, fat, protein, total minerals and carbohydrates. The shelf-life studies will be conducted at two holding temperatures, one close to freezing at 35 F and another at 45 F, which is on the high end of normal holding temperatures. The researchers will look at how each species performs at different temperatures and forms. Soluble protein content, which has been shown to be a good indicator of quality loss in fresh seaweed, will be monitored through protein analyses, Skonberg says. An in-house sensory evaluation will be conducted by an experienced panel to assess quality deterioration of the whole fronds and seaweed salad. Panel members will rate aroma, texture, color and overall quality of the samples. Nayyar has already conducted shelf-life studies on sugar kelp and dulse, and will be starting another shelf-life study on winged kelp this spring. The researchers have found that sensory evaluation, as well as instrumental color and texture were better indicators for assessing shelf life than microbial analyses. The shelf life studies and basic nutritional analysis are expected to be completed in December 2015. Maine Fresh Sea Farms also has worked with Maine Sea Grant, the Brawley Laboratory at UMaine, and the Center for Cooperative Aquaculture Research. One result of the collaborations is Sea Belt, a Scotch Ale brewed by Marshall Wharf Brewing in Belfast using dried sugar kelp grown at the Damariscotta River sea farm. In addition to funding from the U.S. Department of Agriculture's Rural Development Program, Maine Fresh Sea Farms won a Phase I Small Business Innovation Research Grant from the National

Oceanographic Atmospheric Administration and has applied for a Phase II. The Maine Technology Institute has provided grant writing assistance and a Business Accelerator Grant. Restaurants interested in the company's fresh sea greens can email service@brownetrading.com or call 800.944.7848. Maine Fresh Sea Farms also supplies wholesale dried sugar kelp; more information is available by emailing mainefreshseafarms@gmail.com. Contact: Elyse Kahl, 207.581.3747

Two-Day Event to Focus on Saving Endangered Native Languages

24 Apr 2015

"Saving Endangered Native Languages" is the theme of the spring 2015 University of Maine Humanities Symposium April 24–25. Language activists and tribal representatives from native communities in the northeastern United States and Canada along with university partners will discuss the challenges and opportunities for language revitalization during the two-day event on campus. Jessie Little Doe Baird, a MacArthur Fellow and linguist known for her efforts to revive a native language through the Wopanaak Language Reclamation Project, will deliver the keynote address at 7 p.m. Friday in 107 D.P. Corbett Business Building. On Saturday, the event will run from 8 a.m. to 5 p.m. in the Bodwell Lounge of the Collins Center for the Arts. The day will include panel discussions on topics including curriculum development and intellectual property; celebrations of native languages; and recognition of those who have kept languages alive. The event is free and open to the public. It is sponsored by a grant from the University of Maine Humanities Center. Refreshments will be provided. For more information or to request a disability accommodation, contact Bethany Haverlock at 581.1417 or bethany.haverlock@umit.maine.edu.

Softball Squad Hosts Friends of Jaclyn Day

24 Apr 2015

The University of Maine softball team will host a Friends of Jaclyn Day at its noon game Saturday, April 25, with the University of Hartford, at Kessock Field. The FOJ Foundation, based in Cortlandt Manor, New York, works to improve the quality of life for children battling pediatric brain tumors and other childhood cancers, as well as to improve the quality of life of the children's family members. The foundation pairs youth with athletic teams from around the country that provide them with love, support and friendship. Sisters Kylee and Jordan, whose brother Tripp is battling a brain tumor, are special members of the Black Bear squad. The family will be at Saturday's noon game and has been invited to throw out the ceremonial first pitch. Information on how to support the softball squad's efforts to help FOJ continue to improve children's lives is [online](#). More information on FOJ is on the Friends of Jaclyn [website](#).

College of Natural Sciences, Forestry, and Agriculture Presents Student, Faculty Awards

24 Apr 2015

The College of Natural Sciences, Forestry, and Agriculture has presented its 2015 top student and faculty awards: Undergraduate Awards: Stephanie Wood, Wallace C. and Janet S. Dunham Prize; Riju Shrestha, Outstanding International Student; and Gwendolyn Beacham, Frank B. and Charles S. Bickford Memorial Prize. Graduate Awards: Kaitlyn O'Donnell, Norris Charles Clements Graduate Student Award; Noah Oppenheim, George F. Dow Graduate Scholarship Award; Daniel Stich, Fred Griffie Memorial Award; David Carter, Outstanding Master's Degree Student Award; Nadir Yildirim, Edith M. Patch Outstanding Ph.D. Award; Skylar Bayer, Outstanding Service Award; Jie Cao, Graduate Research Excellence Award; and Jessica LeBlanc, Jean A. and David A. Webb Professional Master's Award. Faculty Awards: Seanna Annis, professor of mycology, Outstanding Public Service Award; Emmanuel Boss, professor of oceanography, Outstanding Research Award; and Brian Olsen, professor of biology and ecology, Outstanding Teaching Award.

Blackstone Accelerates Growth Funding Period Ends, Mainebiz Reports

24 Apr 2015

[Mainebiz](#) reported funds for Blackstone Accelerates Growth, a \$3 million initiative launched in 2011 by the Blackstone

Charitable Foundation, will run out this fall and won't be renewed in the program's current form. Blackstone Accelerates Growth is a partnership among the Maine Technology Institute, the Maine Center for Entrepreneurial Development and the Foster Center for Student Innovation at the University of Maine. The Blackstone Charitable Foundation is reengineering its giving, so the Maine partners will focus on other ways to get money, including from the foundation, according to the report. Blackstone Accelerates Growth has helped expand the Maine Center for Entrepreneurial Development's Top Gun program, create the Accelerated Ventures program, the Foster Center's Innovate for Maine Fellows program and Maine Startup and Create Week, which debuted last year, the article states. The effort also set up innovation hubs in Portland and Bangor.

Maine Edge Advances International Trade Fair

24 Apr 2015

[The Maine Edge](#) published a University of Maine news release announcing the Maine Business School's International Trade Fair from 10 a.m. to 2 p.m. April 28 at the D.P. Corbett Business Building on campus. Fourteen teams, each with 10 students, will showcase their respective international trade exhibitions that promote doing business in Brazil, China, Japan, Argentina, Sweden, Ireland, South Korea, Saudi Arabia, United Kingdom, Australia, Mexico, France, Singapore and Austria. Area professionals will judge the exhibitions on content as well as overall appearance, creativity and appearance of effort.

Lichtenwalner Quoted in BDN Article on Eggs as Healthy Food

24 Apr 2015

Anne Lichtenwalner, a University of Maine professor, veterinarian and director of UMaine's Animal Health Laboratory, was interviewed by the [Bangor Daily News](#) for the article, "Once shunned, eggs again deemed healthy convenience food." "I'm a big supporter of eggs as an important part of good nutrition," Lichtenwalner said. "Eggs are a quality food, [and] they have a lot of potential for enriching family life with kids learning a lot about nature being around the birds." Lichtenwalner also spoke about how people can supply the protein-rich eggs for themselves and teach children about sustainability and where their food comes from.

2015 Rezendes Ethics Essay Winners Announced

27 Apr 2015

John William Mukose, a third-year chemical engineering major and Honors College student, is the winner of the 2015 John M. Rezendes Annual Ethics Essay Competition. Mukose of Kampala, Uganda received \$2,800 and a commemorative sculpture for his essay, "The Ethics of Using Indoor Residual Spraying of DDT to Control Malaria in Uganda." Afton Hupper, a sophomore from Owls Head, Maine received the second-place prize of \$300 for the essay, "A World for Everyone: The Common Good Approach to Reaching Global Peace Through Sustainability." Hupper is an ecology and environmental sciences major and Honors College student. All UMaine undergraduates were invited to submit an 8- to 10-page essay for the annual competition. The 2015 theme was "Impacting Nature: The Ethics of Energy, Ecology and the Environment." A financial gift from Dennis and Beau Rezendes provides the university the opportunity to annually offer the John M. Rezendes Ethics Essay Competition in conjunction with hosting the John M. Rezendes Visiting Scholar in Ethics. Baird Callicott, a philosophy professor at the University of North Texas, delivered this year's John M. Rezendes Visiting Scholar in Ethics Lecture on Earth Day. The topic was "Thinking Like a Planet: The Land Ethic and the Earth Ethic."

BDN Features UMaine Extension Video, Guide on Growing Strawberries

27 Apr 2015

The [Bangor Daily News](#) cited a University of Maine Cooperative Extension video and an online how-to guide in the article, "Here's everything you need to know to start growing strawberries." The report referenced the UMaine

Extension [bulletin](#), “Growing Strawberries,” by David Handley, a specialist of vegetables and small fruit, as well as a video on planting strawberry beds that features Handley.

UMaine Student-Athletes Featured in BDN Article on Academic Success

27 Apr 2015

University of Maine student-athletes and coaches spoke with the [Bangor Daily News](#) for the article, “UMaine student-athletes thrive in classroom despite difficult schedules.” During 2013–2014, UMaine’s America East “All Sport” grade point average was 3.19. Student-athletes exceeded a 3.0 average for the 11th consecutive year and placed third among the conference schools, according to the article. Overall, 70 percent of Maine’s student-athletes were named to the 2013–2014 America East Academic Fall Honor Roll, the article states. “We are fortunate that we have got really good, focused and committed students. We have some truly gifted scholars,” said women’s basketball head coach Richard Barron who named Liz Wood as one of his standout performers in the classroom. “Balancing school work is something you have to adjust to. The biggest thing is getting into a routine,” said Wood, a biology major with a chemistry minor who received the 2015 “M” Club Dean Smith Award.

Kennebec Journal Covers UMaine Extension’s Sheep-Shearing Class

27 Apr 2015

The [Kennebec Journal](#) reported on a sheep-shearing course in Washington, Maine that was sponsored by the University of Maine Cooperative Extension and the Maine Sheep Breeders Association. Richard Brzozowski, agriculturist and small ruminant and poultry specialist with UMaine Extension, led the daylong intermediate course. Along with the hands-on experience, the six students in the class were given a manual, a “How to Shear Sheep” poster and DVD, the article states. “They keep learning after this,” Brzozowski said. WLBZ (Channel 2) reported on a class held in New Gloucester.

Startup Located at CCAR Awarded \$1M in Grants, Press Herald Reports

27 Apr 2015

The [Portland Press Herald](#) reported Acadia Harvest, a startup company that is developing a land-based, indoor fish farm to raise black sea bass and California yellowtail, recently was awarded two grants. The company, which is located at the University of Maine Center for Cooperative Aquaculture Research (CCAR) in Franklin, was awarded \$657,000 from the National Science Foundation to develop alternative technology to help build a commercial-scale operation with zero fish waste, as well as \$367,500 from the Maine Technology Institute, according to the article. CCAR is operated by UMaine as a business incubator for several aquaculture companies that pay user fees and rent to the university. Acadia Harvest is partnering with the center and the university, according to the article. Stephen Eddy, a biologist at CCAR, said Acadia Harvest has brought a lot of energy and much-needed investment to the facility.

AP, BDN Report on Regional Concrete Canoe Competition

27 Apr 2015

The Associated Press and the [Bangor Daily News](#) reported on the New England Regional Concrete Canoe Competition hosted by the University of Maine. More than 200 students from 11 New England universities, including UMaine, subjected their concrete canoe creations to judging on a variety of characteristics in Orono. The contest is a precursor for teams aiming to compete in the American Society of Civil Engineers’ National Concrete Canoe Competition to be held in June at Clemson University in South Carolina. Due to ice conditions on Lake George in Skowhegan, the race portion of the competition was canceled. Eric Farnsworth, co-captain of the design team, told the BDN the focus this year was on improving the formula of the concrete so it could better withstand being in the water. The UMaine team placed seventh in the competition, Farnsworth told the BDN. “It was really disappointing not to be in the water this year, but we are going to try again next year,” he said. Maine Public Broadcasting Network, Sun Journal, SFGate, seattlepi and [Kennebec Journal/Morning Sentinel](#) carried the AP report.

BDN Covers Lamb Birth, Related Research at Witter Farm

27 Apr 2015

The [Bangor Daily News](#) covered the birth of a lamb at the University of Maine's J. Franklin Witter Teaching and Research Center. Students in the Animal and Veterinary Sciences Program provided care during and after the birth. James Weber, associate professor in the School of Food and Agriculture and the university's attending veterinarian, is coordinating the student participation. "There's no better way to learn obstetrics, baby care, the whole thing ... we'll have 20 sheep when we're all done. That's a great chance for the students to get immersed and gain a lot of confidence," Weber said. "That's how you learn — by getting in there and doing it," said Jaime Boulos, a student in the program. The sheep have recently returned to campus after the farm's herd was sold six years ago because of financial constraints. Weber's \$200,000 USDA grant for research on a deadly sheep and goat parasite helped bring the lambs back to the farm. The three-year Northeast Sustainable Agriculture Research and Education (SARE) study aims to develop and implement a winter management protocol for the barber pole worm in northern New England. WABI (Channel 5) also reported on the birth.

UMaine Project to Help Girl with One Hand Play Instrument, AP Reports

27 Apr 2015

The Associated Press reported seven teams of University of Maine Mechanical Engineering Technology students are preparing to unveil devices they designed to allow an 8-year-old girl with one hand to play the recorder. The students will present their projects on Maine Day, April 29, in Bennett Hall. Maine Day at the university is about providing service, and for MET students, it's typically when they debut their senior capstone projects, which often are created to meet needs of people with challenges. A local girl, who was born without a left hand, will select the winner and take home the design that best helps her play a Baroque soprano recorder. WABI (Channel 5), WLBZ (Channel 2), WGME (Channel 13 in Portland), New York's Times Union and Indiana's Daily Reporter carried the AP report.

Service Projects, Barbecue, Oozeball Set for Maine Day, April 29

27 Apr 2015

University of Maine students, faculty and staff will take part in Maine Day, the annual campuswide spring cleanup tradition, on Wednesday, April 29. UMaine community members will complete service projects aimed at sprucing up the campus, enjoy a free barbecue, and compete for the oozeball — mud volleyball — championship. About 40 projects will include raking, planting flowers, picking up litter and painting at various locations on campus, the bike paths and downtown Orono. Beautification of UMaine's historic district, including Lord, Alumni, Holmes and Winslow halls; the President's House; The Maples; and the Cyrus Pavilion Theatre, will help mark the university's 150th anniversary. Festivities will begin at 8 a.m. with a parade featuring student organizations, residence halls, fraternities and sororities. The parade, themed "Celebrating 150 Years of UMaine," will travel around campus starting from Hilltop and ending on the Mall in front of Fogler Library. Parade line up begins at 7:30 a.m. at the Emera Astronomy Center. From 9 to 11:30 a.m., volunteers will take part in service projects on and off campus. A list of projects is available on the Bodwell Center for Service and Volunteerism [website](#). Online registration ends at 11:59 p.m. April 27. In-person registration for remaining projects will be available on the Mall (or in the Memorial Union in the event of rain). Projects will continue until the annual Maine Day barbecue takes place in the Steam Plant Lot from noon to 2 p.m. Several student organization philanthropy events, as well as the annual oozeball championship, also will take place in the lot from noon to 3 p.m. Activities taking place in the Steam Plant Lot include the Sophomore Owls' battle of the bands, human curling with the UMaine Curling Club, the Delta Tau Delta car bash, and the St. Baldrick's head-shaving event hosted by UMaine Circle K International. Drop by the UMaine 150th anniversary celebration table at the barbecue to be part of the photo and video series wishing the university happy birthday. Free 150th anniversary tote bags and window clings will be available. Also on Maine Day, seven teams of University of Maine Mechanical Engineering Technology (MET) students will unveil their design challenge projects from 9 a.m. to noon in rooms 137 and 140 of Bennett Hall. The 2015 senior capstone projects were created so a local 8-year-old girl born without a left hand can play a Baroque soprano

recorder in music class. The girl will select the design that best suits her. President Arthur Hauck first inaugurated Maine Day in 1935. It is traditionally held on the last regular Wednesday of the spring semester. Classes with three or more weekly meetings are canceled to allow students to participate in volunteerism. The Maine Day Committee organizes the event, and funding is provided from The University of Maine President's Office, the Division of Student Affairs, the Vice President for Administration and Finance, Facilities Management and Black Bear Dining. For more information about Maine Day, visit the [website](#) or email EJ Roach at ej.roach@umit.maine.edu.

New Scholarship Honors Retiring Director of Student Financial Aid

28 Apr 2015

Friends and colleagues of Gianna Marrs, retiring director of the University of Maine's Office of Student Financial Aid, have created a scholarship in her name. The scholarship was created to celebrate Marrs' retirement after 29 years of service to UMaine. Jeffery Mills, president and CEO of the University of Maine Foundation, announced the scholarship at Marrs' retirement party on April 27.

2015 Francis Crowe Society Induction Ceremonies May 9

28 Apr 2015

University of Maine graduates and distinguished engineers will be inducted into the Francis Crowe Society during two ceremonies on Saturday, May 9. The College of Engineering will host a ceremony from 9 to 11:30 a.m. at the Collins Center for the Arts. The School of Engineering Technology will host a ceremony from 10 to 11 a.m. in Hauck Auditorium. The Francis Crowe Society recognizes UMaine engineering graduates and others who have made considerable contributions to the engineering profession. The society is named in honor of Francis Trenholm Crowe, who earned a degree in civil engineering from UMaine in 1905 and was chief engineer of the Hoover Dam. For more information on either ceremony, call Vicky Wingo in the College of Engineering at 581.2204 or Scott Dunning in the School of Engineering Technology at 581.2341. More information about the Francis Crowe Society is online.

Maine Edge Previews Emera Astronomy Center's May Star Shows

28 Apr 2015

[The Maine Edge](#) reported on scheduled public star shows in May at the University of Maine's Emera Astronomy Center. The Maynard F. Jordan Planetarium shows are held 7 p.m. Fridays and 2 p.m. Sundays. Friday nights in May feature "Cosmic Journey" and Sunday afternoons feature "Magic Tree House: Space Mission," for younger sky watchers. Admission to all shows is \$6, and seating is limited.

Fosters.com Advances York County Master Gardener Plant Sale

28 Apr 2015

[Fosters.com](#) reported the annual plant sale of the University of Maine Cooperative Extension Master Gardener Volunteers in York County will be May 16 at the UMaine Extension office in Springvale. Annuals, perennials, vegetables, herbs, trees, shrubs and houseplants will be for sale, as well as gently used gardening books and tools, according to the article. Master Gardener Volunteers will be available to answer questions. Maine Harvest for Hunger representatives also will be in attendance to sign up gardeners who would like to plant an extra row of vegetables to donate to a local food pantry.

Maine Edge, Weekly Report on Undergraduate Research and Academic Showcase Winners

28 Apr 2015

[The Maine Edge](#) and [The Weekly](#) published a University of Maine news release announcing the winners of the sixth annual Undergraduate Research and Academic Showcase. The event, sponsored by UMaine's Center for Undergraduate

Research, was open to any undergraduate at the university and featured 121 presentations from 229 students in the form of posters, oral presentations or performances, and exhibits. Also announced at the April showcase were the five winners of a \$3,000 Summer Research and Creative Academic Achievements Fellowship.

BDN Publishes Maine Policy Review Article on William S. Cohen Lecture

28 Apr 2015

The [Bangor Daily News](#) published an article on the 2013 William S. Cohen Lecture at the University of Maine. The excerpt came from a lecture featuring former Secretary of State Bill Cohen and former Sen. Alan Simpson. The full version appeared in “Politics Then and Now, in Maine and the Nation: Conversations with the Sages,” edited by Richard Barringer and Ken Palmer at the Muskie School of Public Service, according to the BDN. The condensed version also appeared in [Maine Policy Review](#), which publishes timely, independent, peer-reviewed analysis of public policy issues relevant to the state of Maine. The journal is published two times a year by the Margaret Chase Smith Policy Center at UMaine.

Social Work Grad Student Writes Op-Ed for BDN

28 Apr 2015

Danielle Walsh, who will soon graduate from the University of Maine with a master’s degree in social work, wrote an opinion piece for the [Bangor Daily News](#) titled “Police need special tools to help people in mental health crisis.” Walsh of Morrill, Maine is a social worker practicing on the midcoast.

Volunteers Sought for Bee Census Project, AP Reports

28 Apr 2015

The Associated Press reported Maine officials are looking for volunteers to help with the Maine Bumble Bee Atlas project to document bee range and abundance. A Maine Department of Inland Fisheries and Wildlife spokesman said the project is important because of significant declines in some species since the 1990s, according to the article. The project is being coordinated by the state and the University of Maine in Orono and Farmington. The first training workshop is slated for May 16 in Orono, the article states. More information about the project is online. [Portland Press Herald](#), WABI (Channel 5), [Foster’s Daily Democrat](#) and New York’s Times Union carried the AP report.

UMaine Professors’ Book on Term Limits Cited in BDN Editorial

28 Apr 2015

A 2005 book on term limits written by three one-time University of Maine professors was cited in the [Bangor Daily News](#) editorial “Term limits have changed Maine Legislature — for the worse.” The book, “Changing Members: The Maine Legislature in the Era of Term Limits,” was written by Kenneth Palmer, a professor emeritus of political science; Richard Powell, a current political science professor; and Matthew Moen, former professor and chair of the Political Science Department. The researchers found while term limits have increased turnover in the Legislature, there are many negative consequences, according to the editorial. “They found many detrimental effects, ranging from committee chairs who don’t know how to run meetings to a more than tripling of the number of bills that have only one supporting vote in committee, resulting in a floor debate and other time-consuming administrative procedures for bills that will ultimately die,” the article states.

Boss Selected to IOCCG Committee

28 Apr 2015

Oceanographer Emmanuel Boss became a member of the International Ocean-Colour Coordinating Group Committee at its 20th annual meeting March 3–5 in France. Boss is a professor in the University of Maine School of Marine Sciences.

Other members hail from South Korea, South Africa, Ghana, Italy, India, Germany, Japan, France, Australia, People's Republic of China, Canada, Brazil, Scotland and the United States. IOCCG Committee members include representatives from space agencies and scientists. Objectives include developing consensus and synthesis in satellite ocean colour radiometry at the world scale. Specialized groups investigate aspects of ocean-colour technology and its applications.

UMaine Ph.D. Student Wins UMaine Business Challenge

28 Apr 2015

University of Maine Ph.D. student Nadir Yildirim won first place at the 2015 UMaine Business Challenge for his company that aims to develop eco-friendly, recyclable and reusable products for several industries. Yildirim, a student in the Wood Science and Technology Program in the School of Forest Resources, received \$5,000 to further develop his business, Revolution Research, Inc. After completing the graduate certificate in Innovation Engineering through the Foster Center for Student Innovation in 2014, Yildirim started the Orono-based RRI to develop and commercialize eco-friendly replacements of petroleum-based thermal insulation products. Yildirim, who has been working to develop nanomaterials and nanocomposites using nanotechnology since 2011, started RRI with Alexander Chasse, a 2013 civil engineering graduate from UMaine. Chasse works at the university conducting nanomaterial research. RRI's current focus is the creation and commercialization of eco-friendly thermal and acoustical insulation foam boards for use in the construction industry. Its first invention is a patentable board manufactured with little environmental effects, according to Yildirim. "RRI's novel foam boards will not only be better for the environment than current petroleum-based products, but will also provide improved energy efficiency," he says. Yildirim of Mugla, Turkey, says it never snows in his hometown and heating, cooling and energy efficiency is not a concern. When he moved to Maine in 2011 — the coldest place he has ever been — he realized the importance of thermal insulation. "With a better thermal insulation you can save the environment; you can save lots of money," Yildirim says, citing a lack of available eco-friendly thermal insulation alternatives. "We are planning to have the first 100 percent recyclable and reusable foam board on the market." Currently RRI doesn't have any employees, but within the next five years, Yildirim hopes the company will have its own Maine-based production facility with about 30 employees. The \$5,000 cash prize from the UMaine Business Challenge will be used for prototype flammability tests, Yildirim says. "Making our foams fire resistant will be a stronger selling point for our product once it hits the market," he says, adding most similar products are flammable. "We would like to create foam that is ready to go with no need for additional coatings, films or barriers." Yildirim says he, Chasse and RRI have benefited from the entire UMaine Business Challenge experience. Jesse Moriarity, coordinator of the Foster Center for Student Innovation, was RRI's mentor throughout the challenge and provided valuable suggestions, he says. "It is not just winning something or bringing money to the company; the important part for us was the feedback that we got from the jury," Yildirim says. "Seeing their support made us believe more in what we are doing. Increasing our professional network and having insight from their experience was a huge opportunity for us." Since the company began, RRI also has received a \$5,000 award from the Maine Technology Institute and has applied for a larger National Science Foundation (NSF) grant which will be announced in May or June 2015. The UMaine Business Challenge is the state's largest student entrepreneurship competition. It was founded in 2011 by a group of 2010 UMaine graduates who wanted to give back to their alma mater while creating more opportunities for student entrepreneurs. This is the first year in which students from any Maine college or university were invited to apply. Contact: Elyse Kahl, 207.581.3747

Nepal Earthquake Vigil April 30

29 Apr 2015

A candlelight vigil for victims of the recent earthquake in Nepal will be held at 8 p.m. Thursday, April 30 on the steps of Fogler Library. More than 4,800 people were killed and more than 9,200 were injured in the 7.8 magnitude earthquake that occurred April 25. More than eight million people, including one million children, were affected and are in need of help. The University of Maine's Division of Student Life urges people to make donations to help victims as they face a shortage of food, water, shelter and health care. Donations will support medical relief efforts via Grande International Hospital in Kathmandu, Nepal.

Fastook, Students Speak with WWII About Video Game Design Course

29 Apr 2015

James Fastook, a computer science professor at the University of Maine, and several students in his video game design course spoke with [WVII](#) (Channel 7) for a report about the class. “I’m continually overwhelmed by the amount of work they put into this,” Fastook said. “This has been the most fun class I’ve ever taught because students bring such enthusiasm to game development.” Senior Mason Emery spoke about a game he designed and hopes to sell after he graduates.

Kaye Writes BDN Op-Ed on Maine’s Older Adults, Caregivers

29 Apr 2015

Lenard Kaye, director of the University of Maine Center on Aging and professor in the UMaine School of Social Work, wrote an opinion piece published by the [Bangor Daily News](#) about Maine’s older adults and their family caregivers. Kaye is a member of the Maine chapter of the Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members’ columns appear in the BDN every other week.

WABI Covers Maine Business School’s International Trade Fair

29 Apr 2015

WABI (Channel 5) reported on the Maine Business School’s International Trade Fair held on campus. The fair offers an opportunity for students to learn about commerce around the world and explore business opportunities abroad, according to the report. “It’s interactive,” said UMaine sophomore Tim King. “This whole project we had to go and figure out Argentina ourselves. It was something that would help us in the workforce; obtaining information on your own and putting it to good work.” Fourteen teams of 10 students showcased their respective international trade exhibitions that promote doing business in Brazil, China, Japan, Argentina, Sweden, Ireland, South Korea, Saudi Arabia, United Kingdom, Australia, Mexico, France, Singapore and Austria. Area professionals judged the exhibitions.

BDN Publishes Fuller’s Fiddlehead Picking, Cooking Tips

29 Apr 2015

David Fuller, an agricultural and non-timber forest products professional with the University of Maine Cooperative Extension, wrote an article for the [Bangor Daily News](#) titled “How to identify, pick and cook fiddleheads — and when to leave them alone.” Fuller also will speak at the fourth annual Maine Fiddlehead Festival on May 2 at the University of Maine at Farmington, according to the article. Fuller will teach participants about the science, identification and sustainable harvest of ostrich fern fiddleheads, the article states.

Press Herald Reports on UMaine Business Challenge Winner

29 Apr 2015

The [Portland Press Herald](#) reported University of Maine Ph.D. student Nadir Yildirim and UMaine alumnus Alexander Chasse won the 2015 UMaine Business Challenge for their company that aims to develop forest-based, environmentally friendly materials for the construction, insulation and food-packaging industries. Yildirim, a student in the Wood Science and Technology Program in the School of Forest Resources, and Chasse, a 2013 civil engineering graduate and current UMaine researcher, received \$5,000 to further develop their business, Revolution Research, Inc. RRI’s first product is a foam insulation board that is made from natural resources and 100 percent recyclable, unlike similar petroleum-based products, according to the article. “Our mission is to protect and improve global human health,” Yildirim said. “Winning the UMaine Business Challenge means we are on to something. It means that the judges have faith in our company and that we can make a difference.”

Ippolito Receives Thoma Foundation's Inaugural Digital Arts Writing Award

29 Apr 2015

Jon Ippolito, a professor in the New Media Department at the University of Maine, has received a \$30,000 award for his digital arts writing. The Carl & Marilyn Thoma Art Foundation announced the recipients of its inaugural Arts Writing Fellowship Awards in the digital arts on April 21. The merit-based awards recognize the achievements of both an established and an emerging arts writer who have contributed significantly to the field of writing in the digital arts, according to the foundation. The awards were created to reward and promote sustained commitment to arts writing that advances the scholarship, history, criticism and theory of the digital arts and evolving technologies within contemporary art, the foundation states. Ippolito received the award for being an established arts writer in the U.S. Joanne McNeil, a freelance writer from New York City, received \$15,000 as an emerging arts writer. "I'm tremendously honored to be among the first tapped for this distinction," Ippolito says. "Yet in many ways this award goes beyond individual recognition to celebrate the maturity and relevance of the field of new media art. Curators and historians, take note: Digital art is here to stay." Ippolito has written several books and conducted projects on digital curation and social media. His most recent book, "Re-collection: Art, New Media, and Social Memory" focuses on the threat that technological obsolescence presents for digital culture. His current projects, including the Variable Media Network, a database that documents artists' intents about future re-creations of their work; and ThoughtMesh, an online framework for connected publication; as well as past books, such as "At the Edge of Art," aim to expand the art world beyond its traditions. Ippolito has been a new media professor at UMaine since 2002. He helped establish an undergraduate curriculum in 2003 and spearheaded the development of the graduate Digital Curation program in 2011, which he continues to direct. He also is co-director of the Still Water lab located on the fourth floor of UMaine's Chadbourne Hall. He created the lab in 2003 with fellow new media professor Joline Blais as a flexible multipurpose space for ongoing new media projects that are open to community observation or participation. Ippolito has a bachelor's degree in physics and astrophysics from Harvard and a master's degree in painting and printmaking from Yale. He has served as associate curator of media arts at the Guggenheim Museum in New York City. The Carl & Marilyn Thoma Foundation was established in 1986 to fulfill the couple's passion for philanthropy, and in 2014, they created the art foundation to distinguish their visual art initiatives. The Carl & Marilyn Thoma Art Foundation recognizes the arts can influence attitudes, increase tolerance for differences and encourage new solutions. The foundation lends and exhibits artworks and supports innovative individuals and pivotal initiatives in the arts, according to the foundation. The Thoma Foundation is based in Chicago and Santa Fe but contains local, national and international programs. More information about the Thoma Foundation and the Arts Writing Fellowship Awards is [online](#). Contact: Elyse Kahl, 207.581.3747

Communicators Summit 2.0 Slated for May 20

30 Apr 2015

The University of Maine's Communicators Summit 2.0, "Beyond the Brand: Integrated Communication" will be held 9–11:30 a.m. Wednesday, May 20 in Wells Conference Center. Provost Jeffrey E. Hecker will give a welcome and overview. The event will feature a discussion of UMaine's current communication and branding efforts, as well as emerging initiatives from 9–10:30 a.m., followed by topical breakout sessions. Sign up online for sessions and to submit questions or comments for discussion. For more information or to request a disability accommodation, call 581.3743.

Times Higher Education Publishes Column by Rogers

30 Apr 2015

[Times Higher Education](#) of London recently published the column, "Worker bees are doing more for less of the honey," by Deborah Rogers, an English professor at the University of Maine.

School of Forest Resources Mentioned in BDN Article on Lincoln Vernal Pool

30 Apr 2015

The [Bangor Daily News](#) reported a recent discovery of vernal pools near Lincoln Regional Airport threatens the town's

ability to develop an industrial zone outside of a local paper mill's campus, according to officials. The town is paying students from the University of Maine's School of Forest Resources about \$1,050 to determine the environmental significance of the vernal pools, the article states. As part of the study, the students will deploy sensors via airplane, and their report is due May 6.

WABI Covers Maine Day

30 Apr 2015

WABI (Channel 5) reported on Maine Day, the University of Maine's annual campuswide spring cleanup tradition. Throughout the day, UMaine community members completed service projects aimed at sprucing up campus, enjoyed a free barbecue, and competed for the oozeball — mud volleyball — championship. "We use the university grounds for everything, and we live here so it's only fitting that we take at least one day to give back to the school that provides us living, food, etc.," said junior Justin Duncan. Despite a few spring showers, students enjoyed the day's events, according to the report. "It's definitely all about the community, giving back to campus, spending time with good people, eating some good food, and being together and celebrating UMaine and oozeball. Go Black Bears," said junior Jefferson Adams.

Socolow Quoted in MPBN Report About MaineToday Media Sale

30 Apr 2015

The [Maine Public Broadcasting Network](#) spoke with Michael Socolow, an associate professor of communication and journalism at the University of Maine, for a report about the recent announcement that MaineToday Media's current owner S. Donald Sussman plans to sell the company to Camden media executive Reade Brower. The union representing more than half of MaineToday Media's nearly 400 employees said its members are anxious about the company's latest ownership change, according to the report. Socolow spoke about former publisher Richard Connor who ran the Press Herald and associated newspapers for 27 months. "I think what's being forgotten with the new purchase is that the Connor years were very, very difficult for the Portland Press Herald," Socolow said citing the selling of the paper's headquarters in downtown Portland, letting go of several reporters and fights with the union. "He sucked a lot of money out of that company," Socolow added.

Former UMaine Professor Sidell Mentioned in VSU Article on Antarctic Research

30 Apr 2015

Bruce Sidell, a former University of Maine professor and founding director of the university's School of Marine Sciences who passed away in 2011, was mentioned in a [Valdosta State University](#) article about an international research team studying in Antarctica. Theresa Grove, a comparative physiologist and biochemist, and associate professor in the Department of Biology at Georgia's VSU, was invited to participate in a three-month research study at Palmer Station, according to the article. Grove will join Kristin O'Brien from the University of Alaska Fairbanks, and Lisa Crockett from Ohio University, the article states. "One interesting note about the research team is that Kristin, Lisa and I earned our Ph.D.'s from the University of Maine under the guidance of Dr. Bruce D. Sidell, a leader in the field of fish physiology and cold adaptation. As academic siblings, we are looking forward to again working together in Antarctica," Grove said.

WABI Reports on Presentations of MET Projects to Help Girl Play Instrument

30 Apr 2015

WABI (Channel 5) reported on the presentation of seven teams of University of Maine Mechanical Engineering Technology students who unveiled devices they designed to allow an 8-year-old girl with one hand to play the recorder. The students presented their senior capstone projects to several judges, as well as Nia, the local girl who was born without a left hand. Nia tested the devices and selected her favorite to take home. "I wanted it [the project] to have some

real world application where it would help someone, and you know Nia's the perfect example," said engineering student Mackenzie Sutter.

New Media Students Develop Fall Detection Device for Older Adults

01 May 2015

University of Maine seniors in the New Media Department are developing a fall detection device for older adults to use outside their homes. Benjamin Herold-Porter of Biddeford, Maine, and Heather Anderson of Jonesboro, Maine, have created a prototype that can detect when the person wearing the device has fallen and automatically text a programmed cell phone number without requiring user action. The students, who were enrolled in a new media wearable device class before starting their capstone, were inspired to create a device that would be of use and benefit to their relatives. Both Herold-Porter and Anderson have fairly active grandmothers in their 80s who have fallen while alone outside their homes. With current devices, Herold-Porter worries his grandmother would forget to press a button when she falls. Anderson says her grandmother, who lives in a big house and carries her own firewood, would need a device that allows mobility and provides extra peace of mind. Current fall detection devices on the market require the user to initiate service by pressing a button or calling, the students say. In addition, the most popular models consist of a central hub that is placed in the home and limits the device to a 150-foot radius. The students' prototype relies on mobile networks and can be used anywhere. The device consists of three major parts: an accelerometer or gyroscope that detects movement; a mini cellphone module that provides access to mobile networks; and a microcontroller or minicomputer that interprets the data from the sensor and tells the cellphone to send a text message. The pieces are wired together and stored in a plastic case made by a UMaine mechanical engineering student that can be worn on a lanyard around the neck. One out of three adults aged 65 or older falls each year, according to the Centers for Disease Control, and among older adults, falls are the leading cause of both fatal and nonfatal injuries. At 80 years, over half of seniors fall annually and 45 percent of falls by older adults occur outside the home, the students say, citing statistics from the online fall prevention course Learn Not to Fall. To test their project, the students asked anonymous users at the Alford Arena's public free skate to wear the device while ice skating. The device detected all falls, but also some false positives based on movements such as spins, which the students have since worked to improve. The students, who worked under the supervision of new media professor Mike Scott, received an initial grant to cover the cost of the prototype and are applying for a grant through the Maine Technology Institute to make improvements. The students say future possibilities for the device include using smaller parts, adding GPS and more functions such as a walk counter, vitals detector or the ability to make phone calls.

UMaine Students Apply Training at Regional Dairy Challenge

01 May 2015

Nine University of Maine students participated in the 14th annual North American Intercollegiate Dairy Challenge (NAIDC) held in Liverpool, New York in April. In total, 274 students from 38 colleges across the U.S. and Canada who are training for careers in the dairy industry attended the event. The Dairy Challenge is a two-day competition for students representing animal and dairy science programs at North American universities. It enables students to apply theory and learning to a real-world dairy farm, while working as part of a team. Victoria Bobbe, Caitlin Morgan, Sierra Perry and Jeff Vigue, students in the UMaine School of Food and Agriculture, were coached by animal and veterinary science professor David Marcinkowski in the competition. Challenge participants visited six dairy farms in New York to help farmers evaluate and adapt management to optimize success and animal care. Students also learned about cutting-edge research, new programs and career opportunities from industry professionals. Teams developed a farm analysis and recommendations for nutrition, reproduction, milking procedures, animal health, housing and financial management for an area dairy farm. The teams presented their recommendations to dairy producers and industry experts. In its 14-year history, NAIDC has trained more than 4,700 students through the national contest, Dairy Challenge Academy and four regional contests conducted annually. UMaine students Gianna Dettorre, Patricia Donovan, Emily Fortin, Clinton Peebles and Heather Theriault participated in the Dairy Challenge Academy, which was developed in 2013 to expand the educational and networking event to more college students. Academy participants also analyzed and developed recommendations for operating dairy farms; however, the academy consisted of mixed-university teams with two advisers. The NAIDC was established as a management contest to incorporate all phases of a specific dairy business. Its

mission is to develop tomorrow's dairy leaders and enhance progress of the dairy industry by providing education, communication and networking among students, producers and agribusiness and university personnel.

Tips for Attending UMaine Commencement Ceremonies May 9

01 May 2015

University of Maine 2015 Commencement is May 9, with ceremonies at 10 a.m. and 2:30 p.m. at Harold Alfond Sports Arena. Motorists in the Orono area will encounter heavier traffic than usual throughout much of the day. Anyone attending Commencement should plan to arrive early. Doors open at 8 for the morning session; at 1 for the afternoon. Both ceremonies are ticketed events. People attending Commencement are urged to park in the Collins Center Parking Lot on campus, where three shuttle buses will transport them to the arena. The best access to the Collins Center Lot is via Rangeley Road. Shuttle buses also will provide transportation to Alfond Arena from the following parking lots: the Steam Plant Lot on College Avenue, Belgrade Lot on Belgrade Road, Hilltop Lot on Rangeley Road, and Buchanan Alumni House at College Avenue and Munson Road. Captioned, live video streaming will be available for both ceremonies (umaine.edu/commencement/live-feed). The morning ceremony is for the College of Education and Human Development, the College of Liberal Arts and Sciences, the Division of Lifelong Learning, and the Maine Business School. The afternoon ceremony is for the College of Engineering, and the College of Natural Sciences, Forestry, and Agriculture. Backpacks, strollers and large bags of any type cannot be brought to Alfond Arena during Commencement. People are strongly encouraged to leave large bags and any unnecessary items in their vehicles. All items are subject to search. Spectators are not allowed on the Commencement floor for any purpose, including photos. Only professional photographers hired by the university with proper credentials are permitted to photograph the ceremony from the floor. Vehicles with handicapped plates or placards can be parked in the Satellite Lot behind Alfond Stadium. There will be a designated handicapped drop-off area on the side of the Alfond Arena, where University Volunteer Ambulance Corps personnel will be available to assist attendees. Entrance to the drop-off area will be the same as the Reserved SkyBox Parking Area. The entry point will be marked from College Ave at Tunk Road, behind Alfond Stadium. Visitors are reminded that the University of Maine is a tobacco-free campus.

UMaine Nepalese Community Holds Vigil, Works to Raise Funds, BDN Reports

01 May 2015

The [Bangor Daily News](#) reported members of the University of Maine Nepalese community are working to generate awareness and raise money to help victims of the recent earthquake. Riju Shrestha, a senior biochemistry major from Kathmandu, said the group is raising money to send to Grande International Hospital, which is currently providing free medical service to earthquake victims. UMaine student Sujita Pandey's father works at that hospital so the students have a reliable contact, according to the article. "The [Nepalese] government is trying, but because the destruction is so huge, it's difficult to reach people," Shrestha said. "There's millions out there without food, water. The numbers of people injured goes up daily. We need short-term and long-term help." A candlelight vigil was held April 30 on the steps of Fogler Library. On Friday, May 1, the group will be accepting donations from 10 a.m.–2 p.m. in the Memorial Union, and again during a coffee hour organized by the International Student Association at 4 p.m. in the Union. From 10 p.m.–1 a.m. Saturday, May 2, there will be a fundraiser at the Bear Brew in Orono.

Kreutz, Students Part of Ice Core Team That Links Abrupt Temperature Changes in Arctic, Antarctic

01 May 2015

A research team that includes University of Maine scientists announced a 60,000-year-old ice core from West Antarctica reveals that ocean currents redistributed past abrupt temperature changes in the Arctic to the Antarctic, a distance of about 11,000 miles. In addition to demonstrating a consistent link between previous sudden, rapid temperature changes in the Arctic and Antarctic, the research explains interactions of climate changes in the northern and southern hemispheres. UMaine climate scientist Karl Kreutz took part in the project, as did then-doctoral students Bess Koffman and Dan Breton, then-master's student Dominic Winski and undergraduate Honors student Eliza Kane. Christo Buizert from Oregon State University is the lead author of the research paper published in *Nature*. The National

Science Foundation-funded study shows over the course of about 200 years, ocean currents spread heat from rapid climate changes during the last ice age in the North Atlantic around Greenland to Antarctica. The climate in Greenland was unstable during the last ice age (approximately 110,000 to 12,000 years ago) with abrupt 40- to 50-degree F temperature changes that lasted from one to five decades each. Temperature changes in Antarctica followed an opposite pattern, with Antarctica cooling when Greenland was warm, and vice versa. Project participants say understanding how and why climate changed in the past helps scientists predict how Earth's climate will respond to human-caused increases in greenhouse gases. The sudden climate changes during the most recent ice age were regional and caused by large-scale changes in ocean circulation triggered by the collapse of ice sheets. Current changes in temperature and precipitation are global and primarily are caused by increasing levels of carbon dioxide in the Earth's atmosphere, say researchers. "These new results from the WAIS (West Antarctic Ice Sheet) Divide ice core are really exciting, and represent the culmination of years of work by the U.S. ice core community," says Kreutz, a paleoclimatologist (studies the Earth's climate history). "The WAIS Divide ice core contains a climate record from Antarctica that has a time resolution comparable to Greenland ice cores, allowing direct comparison of abrupt temperature changes in both hemispheres during the last ice age. The finding that these abrupt climate changes started in the North Atlantic near Greenland, and took about 200 years to move to Antarctica, provides a new context for our understanding of the climate system." The goal of the research was to determine the relative timing of temperature changes in the Arctic and Antarctic, with a precision of several decades. To achieve this, researchers needed a climate record from the Southern Hemisphere that extended at least 60,000 years into the past and could resolve fast changes in climate. The research team consists of 28 science and engineering groups from around the United States, including the University of Wisconsin-Madison, Desert Research Institute, University of New Hampshire, the U.S. National Ice Core Laboratory and University of Washington. The team considered sites all over Antarctica before selecting the one with the best combination of thick ice (11,200 feet), simple ice flow and the right amount of annual snowfall (1.5 feet). Previously drilled ice core records from Greenland provided the detailed history of Arctic temperature change and the new ice core provides the Antarctic record necessary to make a detailed comparison. The 4.8-inch diameter cylinders of ice that make up the 11,200-foot-long ice core were recovered at a field camp in the center of West Antarctica, 650 miles from the geographic South Pole, called WAIS Divide. When snow falls at WAIS Divide it rarely melts. Instead, it builds up in thick annual layers, which are compressed into ice by subsequent snowfall. The compacted snow contains dust, chemicals and atmospheric gases, which are trapped in the ice. The dust and other chemicals in the ice are indicators of past climate, and the gas contained in air bubbles is a sample of the ancient atmosphere. The deeper the ice, the older it is, and the farther back in time measurements can be made. To read the paper, visit, nature.com/nature/journal/v520/n7549/full/nature14401.html. *Photo courtesy of Heidi Roop (roop.heidi@gmail.com)*
Contact: Beth Staples, 207.581.3777

UMaine's 213th Commencement Set for May 9

04 May 2015

The 213th Commencement at the University of Maine will be held May 9 in Harold Alfond Sports Arena on campus. UMaine Commencement, held in two ceremonies at 10 a.m. and 2:30 p.m., is one of the largest graduation events in the state and this year is part of the university's 150th anniversary celebration. An estimated 1,687 undergraduate and graduate students are expected to participate. Both ceremonies are ticketed events and [live streaming will be available](#). The morning ceremony includes the College of Education and Human Development, the College of Liberal Arts and Sciences, the Division of Lifelong Learning, and the Maine Business School. The afternoon ceremony includes the College of Engineering, and the College of Natural Sciences, Forestry, and Agriculture. Honorary doctorates will be awarded to alumni Dana Connors of Gray, Maine, president of the Maine State Chamber of Commerce, and Dennis Rezendes of Boulder, Colorado, who pioneered the hospice program in the United States; and M. Peter McPherson, president of the Washington, D.C.-based Association of Public and Land-grant Universities (APLU). McPherson is the Commencement speaker for both ceremonies. This year's valedictorian is Gwendolyn Beacham of Farmington, Maine, a biochemistry major and honors student. The salutatorian is Katelyn Massey of Waterville, Maine, a psychology major with a concentration in development and a minor in communication sciences and disorders, and a member of the UMaine women's ice hockey team. Also being honored will be four faculty members in civil engineering, philosophy, history and communication who received UMaine's highest awards: The 2015 Distinguished Maine Professor is Bill Davids, the John C. Bridge Professor of Civil Engineering. The annual award is presented by the University of Maine Alumni Association in recognition of outstanding achievement in UMaine's statewide mission of teaching, research and

economic development, and community engagement. Kirsten Jacobson, associate professor of philosophy, is the 2015 Presidential Outstanding Teaching Award winner; Richard Judd, Col. James C. McBride Distinguished Professor of History, the 2015 Presidential Research and Creative Achievement Award; and Laura Lindenfeld, director of the Margaret Chase Smith Policy Center and associate professor of communication, the 2015 Presidential Public Service Achievement Award. Contact: Margaret Nagle, 207.581.3745

UMaine Study: Hearty Exercise a Good Fit for Children with Asthma

04 May 2015

Children with asthma can benefit from cardiovascular exercise, according to a study by University of Maine researchers. In fact, after students ran increasingly faster 20-meter (65.6 foot) sprints for more than a year, children with the chronic lung disease performed as well as youth without breathing difficulties, says Stephen Butterfield, UMaine professor of physical education and kinesiology. Butterfield and fellow researchers utilized the Progressive Aerobic Cardiovascular Endurance Run (PACER) with 809 students (103 had mild-moderate asthma) in grades 4–8. Five times during a 15-month period, they measured the students' cardiovascular performance when they ran 20 meters at progressively faster intervals. "Children with asthma increased their performance on the PACER at a rate more than double that of children without asthma," researchers wrote. "By the end of the study (month 15), performances of both groups were essentially equal. Overall, results of this study strengthen the case for cardiovascular activity for children with well-managed asthma." As the 9–14-year-old children with asthma developed effective pacing strategies, they likely gained confidence in their cardiovascular capabilities and the PACER is an effective tool with which to shape these capabilities, Butterfield says. People can build cardiovascular endurance by participating in physical activities, including running, swimming, bicycling, cross-country skiing, for sustained periods of time while their hearts, lungs and muscles work overtime. "It (cardiovascular endurance) is an essential component of health-related physical fitness," says Butterfield. "It is clear that educators and health-care providers should counsel children with asthma, and their parents, about the benefits of cardiovascular exercise and sports with a cardiovascular component." UMaine researchers Craig Mason, Shihfen Tu and Robert Lehnhard, as well as MaryEllen Schaper of Bonny Eagle High School, took part in the study. Results were published in the April edition of *Perceptual & Motor Skills*, an independent, peer-reviewed, bimonthly journal. Contact: Beth Staples, 207.581.3777

Accounting Major Awarded International Scholarship to Study Abroad

04 May 2015

Felicia Cowger, a third-year accounting major from Weston, Maine, has been awarded the Benjamin A. Gilman International Scholarship to study in Alicante, Spain this summer. Cowger is one of more than 1,000 American undergraduate students from 332 colleges and universities across the U.S. selected to receive the scholarship that allows them to study or intern abroad during the summer 2015 academic term. Cowger was awarded \$3,000 to study in Spain. She has also received a University Studies Abroad Consortium (USAC) scholarship. In Spain, Cowger plans to study Spanish composition, Spanish culture and civilization (taught in Spanish) and sailing, as well as conduct a Madrid field tour study. The Benjamin A. Gilman International Scholarship program is sponsored by the U.S. Department of State's Bureau of Educational and Cultural Affairs and administered by the Institute of International Education. More information about the program is [online](#).

Mechanical Engineering Design Open House

04 May 2015

The Mechanical Engineering Design Open House on May 5 will feature an address by Professor Emeritus Richard Hill, "Fossil Fuels and Alternatives," beginning at noon in Hill Auditorium, followed by an exhibition of capstone projects from 1:10–5:30 p.m., first floor of Crosby Laboratory. For more information, call 207.409.6872.

Philosophical Fairy Tale 'Man and Superman' to be Broadcast Live at CCA

04 May 2015

Simon Godwin's reinvention of Bernard Shaw's witty 1903 classic "Man and Superman" will be broadcast live on the big screen at 7 p.m. Thursday, May 14, at the Collins Center for the Arts at the University of Maine. Academy Award-nominee Ralph Fiennes plays Jack Tanner in the sold-out stage production at the Lyttelton Theatre in London. "Man and Superman" is billed as a romantic comedy, an epic fairy tale and a fiery philosophical debate that asks fundamental questions about how we live. Tanner, a celebrated radical thinker and rich bachelor descendant of Don Juan, seems an unlikely choice as guardian to Ann (Indira Varma), an alluring heiress. Despite the love of a poet, Ann decides she will marry and tame Tanner. When Tanner's chauffeur tips him off to Ann's plan, Tanner flees to Spain, where he's captured by bandits and meets The Devil (Tim McMullan). A dream debate of heaven versus hell ensues. When Tanner awakens, Ann is there, as fierce in her certainty as he is in his. Since 2009, NT Live has transmitted the best of British theatre live from London to cinemas and venues around the world. The broadcasts are filmed in front of a live audience, with cameras carefully positioned throughout the theatre to ensure cinema audiences get the best-seat-in-the-house view. Productions are transmitted via satellite to the CCA, then projected onto a 40-foot high-definition screen — one of the largest in the state. Tickets, which are \$18 for adults and \$8 for students, are available [online](#) or by calling 207.581.1755, 1.800.622.TIXX.

BDN Profiles UMaine Business Major in Remission From Cancer

04 May 2015

[The Bangor Daily News](#) profiled business major Ethan Hawes and his two-year journey to manage multiple myeloma, which included chemotherapy and stem cell transplant to treat the cancer. The 23-year-old will be among the 1,687 undergraduates and graduate students expected to participate in the [213th Commencement on May 9](#). "Maybe it won't hit me, maybe it will," Hawes said, "but I know that once I hold that diploma, it will be one of the most significant moments of my life so far, because of what it symbolizes and what it means."

BDN Reports on Social Work Grad Students' Suboxone Research

04 May 2015

The [Bangor Daily News](#) reported on research conducted by three graduate social work students at the University of Maine. Last fall, Mikala Thompson, Alaina Crowley and Daniel Cohen began researching how many doctors in the state prescribed Suboxone, which is used to treat opioid addiction, according to the article. Three months after the students began planning their project, Gov. Paul LePage's proposal to eliminate state funding for methadone treatment in favor of Suboxone made headlines, the article states. By contacting the 100-plus doctors on a government list, the students found less than half prescribed Suboxone, according to Thompson, the project's lead researcher. Forty-three confirmed they're prescribing the medication, 42 confirmed they weren't and 27 failed to respond, she said. "Maine is proposing policy decisions based on inaccurate data," Thompson said. The article was a related story to the [report](#), "'A system that doesn't exist:' Without methadone, patients rely on addiction treatment few Maine doctors prescribe," which also cited the study.

Five Black Bears Bound for Maine Baseball Hall of Fame, PPH Announces

04 May 2015

The [Portland Press Herald](#) reported that five former University of Maine baseball players — Bob Anthoine, Gerry Berthiaume, Rod Choroszy, John Dumont and Clarence Keegan (posthumous) — will be among the 11 inductees into the Maine Baseball Hall of Fame in June.

Aultman Signs Contract with Dolphins, Media Report

04 May 2015

The [Portland Press Herald](#), WABI (channel 5) and [Bangor Daily News](#) reported University of Maine football player

Damarr Aultman signed an undrafted free-agent contract with the Miami Dolphins. According to the BDN article, in 2014, the senior wide receiver and kick returner caught a team-best 48 passes for 498 yards and ran back 28 kicks for a single-season, record-tying 645 yards.

Weinrich's Induction into MSHoF Widely Reported

04 May 2015

The [Kennebec Journal, Morning Sentinel](#), [Portland Press Herald](#) and [Bangor Daily News](#) were among the media organizations that covered former University of Maine men's ice hockey player Eric Weinrich's induction into the Maine Sports Hall of Fame. Weinrich played 17 years in the NHL, where he made three all-star appearances and was named to the 1991 All-Rookie Team. He also represented the United States in the World Cup, Olympics, Canada Cup and at nine World Championships. Weinrich, who skated at UMaine for coach Shawn Walsh, graduated in 1985 from North Yarmouth Academy. MPBN carried the Associated Press report.

WCSH6 Highlights The Museum of What's Left

04 May 2015

WCSH6 highlighted The Museum of What's Left, a final class project created by University of Maine intermediate art students. Students' sentimental objects, including love letters, records, necklaces and a stuffed animal, were objects inside the repurposed 1985 Burro camper. Students were invited to take another person's donated piece as a way of continuing the story.

WABI-TV Presents Wind Blade Challenge

04 May 2015

WABI (channel 5) covered the University of Maine's seventh annual Wind Blade Challenge, at which 40-plus teams designed a set of wind blades from three blocks of foam and a sheet of fiberglass. The goal was to generate the most energy in three minutes or less. Team members also prepared a presentation about their respective designs and engineering process. [Sun Journal](#) also published an article on the challenge.

MPBN Features Device That Assists People Who Fall

04 May 2015

[MPBN](#) highlighted a device built by University of Maine new media students that senses when a person has fallen and uses mobile networks to send assistance. The device, which was tested on volunteer ice skaters, has a gyroscope that detects movement, a cell module and a microcontroller that interprets data. It can be worn on a lanyard around the neck, according to the report.

UMaine Grads Headed to Veterinary Schools in U.S., Scotland and Canada

05 May 2015

The School of Food and Agriculture's Animal and Veterinary Sciences Program traditionally has a high acceptance rate of student applicants for veterinary schools. This year, that acceptance rate is nearly 90 percent, with seven students graduating and heading to veterinary schools nationwide, and in Scotland and Canada:

- Brian Blanchard, Thorndike, Maine, Atlantic Veterinary College, Prince Edward Island, Canada
- Rachel Chase, Warren, Maine, Ohio State University
- Elena Doucette, Cumberland, Maine, University of Glasgow, Scotland
- Amy Fish, Mountville, Pennsylvania, University of Edinburgh, Scotland
- Taryn Haller, Mystic, Connecticut, University of California, Davis

- Jeffery Vigue Jr., Whitefield, Maine, Virginia-Maryland Regional Veterinary College
- Ariana Wadsworth, Thomaston, Maine, Oregon State University

Two other Animal and Veterinary Sciences Program students from the Class of 2014 applied this year for veterinary school and were accepted. Kristyn Souliere of Saco, Maine, is headed to Lincoln Memorial University College of Veterinary Medicine, and Bethany van Gorder of West Tremont, Maine, is going to the University of Glasgow. Brian Blanchard grew up on a small dairy farm in Thorndike, Maine that converted to standardbred racehorses in 2001. He currently drives and trains horses competitively in Maine, and will continue that work in Prince Edward Island while earning his veterinary degree. Elena Doucette, who grew up in Cumberland, Maine, embarked on a four-month mission trip with Heifer International after high school, gaining experience with livestock husbandry that inspired her to pursue a career in veterinary medicine. Rachel Chase is an honors student from Warren, Maine. Her family raised dairy goats, and broilers and laying hens, and she owns a horse. Amy Fish, Taryn Haller and Ariana Wadsworth also are honors students. Honors student Jeff Vigue grew up on a beef farm in Whitefield, Maine, and worked at several local dairies.

Plant Sale to Benefit UMaine Extension Slated in Lisbon Falls

05 May 2015

The Androscoggin-Sagadahoc Counties Extension Association (ASCEA) will hold a plant sale 3–6 p.m. Friday, May 15 and from 9 a.m. to 2 p.m. Saturday, May 16, at the University of Maine Cooperative Extension office, 24 Main St., Lisbon Falls. Perennial flowers and plants, vegetable and herb seedlings, annual and perennial flower seedlings and seed packets, raised bed frames, birdhouses and other garden-related craft items will be for sale. Children 10 years and younger will receive a free gift. Proceeds will benefit UMaine Extension outreach programs in the two counties that are supported by ASCEA. For more information or to request a disability accommodation, call 353.5550 or email kymnoelle.sposato@maine.edu.

Professor Emeritus McCormack Writes BDN Report on Maintaining Woodlot

05 May 2015

Maxwell McCormack, a research professor emeritus of forest resources at the University of Maine, wrote “Here are the tools I use to maintain my woodlot,” for the new Homestead section of the [Bangor Daily News](#). McCormack has been a forester for more than 60 years.

Press Herald Quotes Professor Emeritus Palmer in State Politics Article

05 May 2015

Kenneth Palmer, a professor emeritus of political science at the University of Maine, was quoted in a [Portland Press Herald](#) article about the current combative tone in Maine politics. “Maine is generally less combative and nasty in its discourse,” Palmer said. “But we’re getting some of it. It’s part of a national trend. It’s there and developed in the last decade or so.” Palmer also said the state’s tradition for individualized politics has often trumped ideology and is one of the reasons Maine has elected two independent governors.

BDN Publishes Op-Ed by Social Work Grad Student

05 May 2015

Amy Tunney, a graduate student in the School of Social Work at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled “Want a cost-effective public investment? Make Maine seniors’ homes energy-efficient.” Tunney recently completed a graduate internship with At Home Downeast, which is dedicated to supporting residents of the Blue Hill Peninsula to remain safely and comfortably at home as they age.

Wind and Wave Facility Awarded \$351,000 Grant by MTL, WABI Reports

05 May 2015

WABI (Channel 5) reported the University of Maine's Advanced Structures and Composites Center has been awarded \$351,092 by the Maine Technology Institute for its new wind and wave facility. The grant will add two additional pieces of equipment to the \$8 million facility that will house W² — the world's first wind and wave lab to feature a rotating open-jet wind tunnel above a 100-foot-long by 30-foot-wide by 15-foot-deep wave basin. The facility is currently under construction and is expected to be completed this summer, according to the report.

Garland Speaks with BDN About Upcoming Gardening Season

05 May 2015

The [Bangor Daily News](#) interviewed Kate Garland, a horticulturist with the University of Maine Cooperative Extension, for the article, "Despite harsh winter, Maine farmers hopeful for upcoming season." Even with record-breaking snowfalls this winter, Garland said farmers and gardeners shouldn't see any long-term damage to the quality of soil, according to the article. She also said she is watching weather patterns while eagerly waiting to start her own garden this season. "This time of year, I'm checking the [National Oceanic and Atmospheric Administration] website everyday, figuring out what's going to work and making contingency plans as needed," she said.

Two Innovate for Maine Fellows Part of Bitzy Baby Success

05 May 2015

Bitzy Baby, a juvenile safety product company in Brunswick, Maine, has been selected as a finalist in the U.S. Small Business Administration InnovateHER Business Challenge, a nationwide competition for entrepreneurs to develop products and services to enhance the lives of women and their families. Bitzy Baby has been involved in the Innovate for Maine Fellows program, supported by Blackstone Accelerates Growth and managed by the University of Maine's Foster Center for Student Innovation. Through the program, the company received marketing and social media assistance from two Innovate for Maine Fellows — UMaine students Jim Barry, a food science and human nutrition major, and Courtney Norman, who is majoring in marine sciences. More about the InnovateHER Business Challenge is [online](#).

Great-Great-Granddaughter of One of UMaine's First Graduates to Earn Diploma

06 May 2015

Five generations of the Haskell family have graduated from the University of Maine since it opened its doors in September 1868. Edwin Haskell was first in 1872. In fact, he was one of the six men in the first-ever graduating class at the university, then called the Maine State College of Agriculture and the Mechanic Arts. This year, on May 9, Haskell's great-great-granddaughter Johanna Haskell will be among the approximately 1,700 people receiving their diplomas at UMaine's 150th anniversary year graduation. Edwin's focus was in elective studies. Johanna will earn her bachelor's degree in English, with a concentration in technical writing. "I think the UMaine legacy is a source of pride for my family," says Johanna, adding that when she used to walk around campus she'd often think about how her parents met at the university and about how the property would have looked when Edwin studied and worked on the farm on site. "It was a personal goal for me because of the value placed on graduating college in my family and the love of UMaine." Edwin's direct descendants who graduated in the 143-year span between he and Johanna are his son, Benjamin in 1912; his grandson, Rev. Stanley Haskell in 1966; and his great-grandson, (Johanna's father), John in 1971. Edwin's commencement was held at a church in Orono. Johanna will graduate in the first of two Saturday ceremonies at the multipurpose Harold Alfond Sports Arena. For Edwin, attending school included working on the campus farm three hours a day five days per week. To gain admittance from 1868 to 1871, students had to be male, at least 15 years old and pass an exam that included arithmetic, geography, English, grammar, United States history and algebra as far as quadratic equations. For Johanna, a licensed cosmetologist who operates a hairdressing business and is raising three children — Darcy, 6, Daphne 4, and Miles Edwin, 2, with husband Sean Tardif — attending school required excellent time management skills. Being able to set her work schedule was key, she says, as was the support of her extended

family and the opportunity to take online courses. She credits faculty adviser Charlsye Smith Diaz, associate professor of professional and technical communication, with being a difference-maker. “She was in my corner and was so helpful and knowledgeable,” says Johanna. “She cared.” When Edwin was a student, M.C. Fernald, professor of mathematics and physics, was acting president until Charles Allen came on board in 1871. Johanna was a student during the administrations of three presidents — Robert Kennedy, Paul Ferguson and Susan J. Hunter, the university’s first female president. Johanna, who graduated from Hampden Academy in 2002, first went to cosmetology school. Then she began taking college courses when she was 21 with a personal goal to earn a bachelor’s degree by age 30. “I just sneaked in,” she laughs. “I turn 31 in August.” She says she particularly enjoyed writing a blog about hairdressing for her senior project. “I’ve always been interested in writing and good at it and I wanted to develop that and find an application for practical professional writing,” says Johanna. “This was a good blending of my interests.” Johanna isn’t the only Haskell family member to be a nontraditional UMaine student. In 1966, her great-grandfather, Rev. Stanley Haskell graduated one semester before his son, Benjamin II and five years before his son, John. Stanley, says John, worked in banking for more than two decades before attending UMaine and Bangor Theological Seminary. Johanna’s father, John majored in music at UMaine. After earning a master’s at Boston University, the professional pianist played at venues around the world. He says he’s extremely proud of his daughter. “She was determined the whole way through,” John says. “I think it’s great. It’s inspiring.” Edwin went on to found Haskell Silk Mills in Westbrook and become a trustee of the university. Johanna says, for now, she will continue to rear her children and operate her hairdressing business. In the future, she says she may earn an advanced degree or put her technical writing skills to use. The list of Edwin’s direct descendants who graduated from UMaine are his sons, Ralph (1905), William (1911), Benjamin (1912) and Theodore (1914); grandsons, Donald (1939), James (1944) and Stanley (1966); great-grandsons, Benjamin II (1967) and John (1971); great-great-grandchildren, AbbyLynn Haskell Campbell (1996), Rebecca Haskell Bagley (1998) and Johanna Haskell (2015). Edwin’s great-granddaughter Elizabeth Haskell Clancy also attended UMaine but did not graduate. Two Haskell spouses also graduated from UMaine, including Benjamin II’s wife, BettyAnn Coulton Haskell (1969) and John’s former wife and Johanna’s mother, Jan Parsley (1972). Johanna’s sister, Jessica graduated in 2003 from the University of Southern Maine. With such a heritage at UMaine, it’s no surprise that Benjamin II and John received the 2006 Fogler Library Legacy Award from the University of Maine Alumni Association. The award is presented annually to a family with a long tradition of attending UMaine. From UMaine’s first graduation in 1872 to its graduation in its 150th anniversary year, the Haskell family legacy is unmatched. Contact: Beth Staples, 207.581.3777

UMaine Extension Offers Open House, Plant Sale, Workshops

06 May 2015

A spring plant sale featuring dozens of traditional perennial varieties, many native to Maine, as well as annuals that attract pollinators, will be held from 8 a.m. to noon Saturday, May 16, rain or shine, at the University of Maine Cooperative Extension Hancock County Office, 63 Boggy Brook Road, Ellsworth. The plant sale, sponsored by UMaine Extension Hancock County Master Gardener Volunteers, will run concurrently with Extension’s Open House. There will be free workshops on native plants for the landscape, attracting pollinators with flowering annuals, moss gardening, backyard composting and worm farming. Gardening questions will be fielded at the “Ask a Master Gardener” table. Refreshments will be served. Funds raised will support 20 Master Gardener Volunteer community projects in Hancock County, including: Kids Can Grow, a children’s gardening program at Maine Coast Heritage Trust in Town Hill; community gardens in Hancock, Seal Cove and Ellsworth that supply thousands of pounds of fresh produce to food pantries; and a public butterfly garden at Charlotte Rhoades Park in Southwest Harbor. For more information, or to request a disability accommodation, contact 207.667.8212, cehnhk@umext.maine.edu. Information also is available online.

Maine Edge Previews ‘Man and Superman’ at CCA

06 May 2015

[The Maine Edge](#) published a University of Maine news release advancing the live broadcast of “Man and Superman” at 7 p.m. Thursday, May 14, at the Collins Center for the Arts. Academy Award-nominee Ralph Fiennes plays Jack Tanner in the sold-out stage production at the Lyttelton Theatre in London. “Man and Superman” is billed as a romantic comedy, an epic fairy tale and a fiery philosophical debate that asks fundamental questions about how we live. Tickets,

which are \$18 for adults and \$8 for students, are available [online](#) or by calling 207.581.1755, 800.622.TIXX.

Boothbay Register Reports on Darling Marine Center Grad Student Awards

06 May 2015

[Boothbay Register](#) published a University of Maine Darling Marine Center news release about three graduate students who have received awards and recognition from UMaine. Jessica Waller received a 2015–2016 Canadian-American Center Fellowship from the UMaine Canadian-American Center; Noah Oppenheim received the George F. Dow Graduate Scholarship, presented by UMaine’s College of Natural Science Forestry and Agriculture (NSFA); and Bayer received the Janet Waldron Doctoral Research Fellowship and the NSFA’s Outstanding Service Award. The students are in UMaine’s School of Marine Sciences and are advisees of Rick Wahle, a research professor at DMC.

Brewer Quoted in BDN Editorial on Legislature’s Avoidance of Big Issues

06 May 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Bangor Daily News](#) editorial, “Why the Legislature so often punts on crucial issues facing Maine.” Term limits have lessened expertise and forced lawmakers to more quickly try to make a name for themselves and rise through the leadership ranks, according to the article. The amateur lawmakers are easy prey for lobbyists who often have spent years in the State House, Brewer said. To fix the Legislature’s structural problems, he recommends ending term limits, hiring more staff and increasing lawmakers’ pay (coupled with a longer session), the article states. Brewer said he also would lengthen Senate terms and cut the size of the House.

Kansas City Star Cites Butler’s TANF Study

06 May 2015

A 2013 study by Sandra Butler, a University of Maine social work professor, was cited in a Kansas City Star article about Missouri lawmakers voting to override the governor’s veto of a bill that would cut thousands of low-income residents off a federal welfare program. Butler’s study, “[TANF Time Limits and Maine Families: Consequences of Withdrawing the Safety Net](#),” found that families kicked off TANF because of exceeding lifetime benefits in Maine experienced increased reliance on food banks, inability to pay utility and other bills, and overcrowded housing conditions or reliance on homeless shelters, the article states.

BDN Interviews Cryer About Decline of Unions in Maine

06 May 2015

Marc Cryer, director of the University of Maine’s Bureau of Labor Education, spoke with the [Bangor Daily News](#) for the article, “Decades in decline: The fall of unions in Maine.” Currently, 11 percent of Maine workers are members of a union, just slightly below the national average of 11.1 percent, according to the article. Cryer said the loss of jobs in manufacturing industries such as pulp and paper, shoes and textiles has contributed to declining union membership, while service-oriented industries that typically aren’t easy to unionize, such as retail and tourism have grown. He said if unions want to increase their membership, they will have to “go out and organize people they usually don’t organize.”

Socolow Cited in Telegraph Article on ‘War of the Worlds’ Panic Myth

06 May 2015

[The Telegraph](#) cited an article by Michael Socolow, an associate professor in the Communication and Journalism Department at the University of Maine, in a report about the overblown reports of panic following Orson Welles’ 1938 radio broadcast of “War of the Worlds.” In 2013, Socolow and Jeff Pooley, an associate professor of media and communication at Muhlenberg College in Allentown, Pa., co-wrote an article for [Slate](#) magazine about the reported

mass hysteria. Pooley and Socolow argued newspapers created the hype in an attempt to discredit radio and win over advertisers. “How did the story of panicked listeners begin? Blame America’s newspapers,” the pair wrote. “Radio had siphoned off advertising revenue from print during the Depression, badly damaging the newspaper industry. So the papers seized the opportunity presented by Welles’ programme, perhaps to discredit radio as a source of news. The newspaper industry sensationalised the panic to prove to advertisers, and regulators, that radio management was irresponsible and not to be trusted.”

Immediate Family to Hold Nine Degrees from UMaine Following Commencement

06 May 2015

When Margaret McCollough graduates from the University of Maine at the institution’s 213th Commencement on May 9, her immediate family will hold nine degrees from the university. McCollough, who will earn a bachelor’s degree in sustainable agriculture, is the daughter of Catherine Elliott and Mark McCollough of Hampden, who met at UMaine in the 1980s. Elliott, a sustainable living specialist with the University of Maine Cooperative Extension, came to UMaine in 1980 to pursue a master’s degree in wildlife management, which she completed in 1983. As a student, she met her now-husband, Mark McCollough, who also was working on a master’s in wildlife management, which he earned in 1982. The pair stayed at UMaine to complete their doctoral degrees in wildlife. Mark McCollough earned his Ph.D. in 1986 and Elliott earned hers a year later. In 2011, the couple’s son Aaron McCollough completed a bachelor’s degree in computer and electrical engineering while also a student of the Honors College. He continued at UMaine to earn a master’s degree in computer engineering in 2013. While pursuing that degree, he became engaged to Morgan Burke, who completed her bachelor’s degree in wildlife ecology in 2012 and brought the family’s degree total to seven. Margaret McCollough’s boyfriend Garth Douston, who she also met at UMaine, has a bachelor’s degree in sustainable agriculture, which he earned in 2014. With Margaret McCollough’s graduation, the family will hold nine UMaine degrees among six members. “Margaret’s graduation will be wonderful,” her mother says. “Going to college was not at the top of her list of things to do when she completed high school, so having her graduate from a program she has loved is incredible. And to have had her at UMaine for the past four years has been icing on the cake. We are very proud of her.” Margaret McCollough says she hadn’t planned to go to college after graduating from high school. She worked for a summer on a couple of farms out west before she discovered that UMaine had a sustainable agriculture program. She decided it was time to make a change and came back to enroll in the program that fall semester. The program provided her with opportunities to network and build relationships with those already working in agriculture throughout Maine, she says. “To be a good farmer you have to have a good working understanding of multiple disciplines. It won’t happen for you just out of a love of nature and an ability to do physical work. UMaine has provided me with a breadth of knowledge and analytical skills that will certainly serve me well as I work to build both a sustainable and profitable farm,” Margaret McCollough says. Margaret McCollough and Douston now run Sweet Thyme Farm in Arundel, Maine. This past summer was the pair’s first season. They planted about 1.5 acres of crops and plan to add another acre this year. The farm, which has been certified by the Maine Organic Farmers and Gardeners Association (MOFGA), produces a variety of vegetables and some herbs, as well as raises ducks and chickens for eggs. Margaret McCollough credits two student-run agricultural programs for giving her and Douston the confidence to start the farm. For two summers, Douston managed the Black Bear Food Guild, a student-run community supported agriculture (CSA) program; and she managed UMaine Greens, a winter greens production program run by student volunteers. “Both of these programs require those students who participate to take on a lot of responsibility,” she says, adding they allow students the chance to grow at production scale while managing customers and co-workers, meeting deadlines, staying on budgets and keeping accurate records. Margaret McCollough says UMaine has allowed herself and her family to do work that makes them happy. “My mom, dad and older brother love the work that they do; they’re so passionate about their disciplines, and also really good at what they do,” she says. “I will feel proud to join them in doing good work in a field that I feel really passionate about. I know that my parents are really proud of my brother and I; recognizing the value in education.” While Elliott, Margaret McCollough’s mother, was finishing her Ph.D., she was hired as a research associate in the Department of Wildlife Ecology. After graduating, she became a faculty member with UMaine Cooperative Extension. By June, Elliott will have been employed by UMaine for 29 years. Elliott’s husband Mark McCollough works on endangered species recovery at the U.S. Fish and Wildlife Service’s Ecological Services Maine Field Office in Orono. “My parents still gather with a large group of friends that they made while studying here, and they’ve become mentors and basically extended family members to my brother and I growing up,” Margaret McCollough says. Aaron McCollough and his fiance Burke live in Manchester, New Hampshire where Burke is

pursuing a doctorate in physical therapy at Franklin Pierce University. Aaron McCollough works for L-3 Insight as an embedded software engineer. They will be relocating to Portland, Maine in June while Burke does clinical rotations to complete her degree.

Vice President Kim Testifies Before Senate Special Committee on Aging

07 May 2015

On May 6, Technology and Caring for aging seniors was the subject of a hearing before the Senate Special Committee on Aging, chaired by Sen. Susan Collins. Among the academics and experts asked to testify on technology advancements in caring for aging seniors was Carol Kim, UMaine vice president for research and dean of the graduate school. Kim testified about UMaine's multidisciplinary initiatives focused on helping elders to age and thrive in place. The Committee testimony is on [C-SPAN](#).

UMaine to Receive \$25,000 Grant for Traveling Maine Fiber Folk Arts Exhibit

07 May 2015

The University of Maine has been awarded a grant from the National Endowment for the Arts for a traveling exhibit on fiber folk arts in Maine. The project, which is led by Maine Folklife Center Director Pauleena MacDougall, will receive \$25,000 from the NEA. Maine Fiber Folk Arts will consist of four free-standing panels with photographs and text describing a traditional fiber art from the state. The content will come from fieldwork and the Northeast Archives of Folklore and Oral History. The panels will travel around the state through the interlibrary loan system. "The exhibit will give the public an opportunity to learn about the state's traditions and to interact with local people who practice those arts," MacDougall says. Accompanying the panels will be an online handbook that will give suggestions for putting together a public event relating to the panels and a list of fiber folk artists from around the state. The panels also will be accompanied by an audio CD, which will provide information about the exhibit to seeing-impaired members of the public. Maine Folklife Center staff plan to visit a few libraries around the state to conduct public events to promote the exhibit when it arrives. The events likely will include a hands-on workshop and panel discussion with fiber artists from the library's region. NEA funds will be used to support a graduate student who will assist in conducting research and writing the narrative for the panels. Through its grant-making to thousands of nonprofits each year, the NEA promotes opportunities for people in communities across America to experience the arts and exercise their creativity. UMaine's grant is among 1,023 NEA awards totaling \$74.3 million nationwide in the second major grant announcement of the fiscal year. More information on projects included in the NEA grant announcement is [online](#).

Black Bear Beauties Plant Sale May 16–17

07 May 2015

The Black Bear Beauties Plant Sale will be held in the Roger Clapp Greenhouses on campus from 9 a.m.–5 p.m. Saturday and Sunday, May 16–17. Students and faculty in UMaine's Environmental Horticulture and Sustainable Agriculture programs grow the plants that are sold at the sale. Proceeds from the sale fund Grower of the Year scholarships for the best student growers in the programs. The sale will feature tomatoes, peppers, herbs, annuals and a limited number of woody plants. For more information, contact Stephanie Burnett at sburnett@maine.edu or 581.2837.

UMaine, Army Guard Mark Anniversary of Soldier's Death, BDN Reports

07 May 2015

The [Bangor Daily News](#) reported the University of Maine and Maine Army National Guard held a ceremony outside Nutting Hall to mark the ninth anniversary of the death of Maine Army National Guard Staff Sgt. David Veverka. Veverka, a UMaine senior from Pennsylvania, and Staff Sgt. Dale Kelly Jr., 48, of Richmond were killed in an attack on May 6, 2006, in Iraq, according to the article. The event was the eighth annual ceremony held at the memorial tree, stone and bench outside the building where Veverka studied, the article states. Daniel Harrison, a wildlife ecology professor at UMaine, spoke about Veverka and said part of his legacy is a scholarship that allows students to attend

conferences and workshops. While at UMaine, Veverka was president of the student chapter of the Society for Conservation Biology, vice president of The Wildlife Society's student chapter, a National Science Foundation teaching fellow and a recipient of a College of Natural Sciences, Forestry, and Agriculture undergraduate research grant, according to the article. The university awarded him a posthumous bachelor's degree in wildlife ecology in 2006.

UMaine Mentioned in Engineering News-Record Report on Floating Bridge in Vermont

07 May 2015

[Engineering News-Record](#) mentioned the University of Maine in an article about the world's first composite floating bridge in Brookfield, Vermont. The 318-by-20 feet, single-lane bridge employs a fiber-reinforced polymer (FRP) flotation system with a 100-year design life, according to the article. The \$2.4 million bridge is set to be completed by Memorial Day weekend. Since design codes for FRP bridges do not exist, the team worked with UMaine and the Vermont Agency of Transportation (VTrans) to develop a set of criteria, the article states.

CCAR, Tropical Fish Business Featured in Ellsworth American Article

07 May 2015

The University of Maine's Center for Cooperative Aquaculture Research (CCAR) in Franklin was mentioned in an [Ellsworth American](#) article about Sea & Reef Aquaculture, a company housed in the facility. Sea & Reef provides aquacultured tropical marine fishes to the saltwater aquarium trade. The company's owner Soren Hansen is a native of Denmark who earned his master's degree and Ph.D. in marine biology at UMaine, according to the article. He currently is raising 50 species of saltwater tropical fish at CCAR.

WLBZ Interviews Dill About Ticks as Weather Warms Up

07 May 2015

Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, spoke with WLBZ (Channel 2) about the arrival of ticks now that the weather is beginning to warm up. Despite the cold weather in winter, ticks are able to survive throughout the year, according to the report. "When you get a long winter like we had, everybody's going, 'Oh yeah, it was really really cold this winter, is that going to take care of the ticks?' Unfortunately, they're under about two or three feet of snow so they've not been active because it never got above 40 degrees," Dill said, adding the snow can act like a blanket, insulating the ticks from the cold. He said summer offers the best chance of killing off some of the pests. "Moisture's very important to ticks, especially during the summer months," he said. "If we have a long dry summer a lot of times that can actually really impact their numbers."

UMaine Receives \$25,000 from National Endowment for the Arts, Press Herald Reports

07 May 2015

The University of Maine is one of nine arts groups in the state that will receive nearly \$900,000 in federal money through the National Endowment for the Arts, according to the [Portland Press Herald](#). UMaine was awarded \$25,000 for a traveling exhibit on fiber folk arts, which is led by Maine Folklife Center Director Pauleena MacDougall. Maine Fiber Folk Arts will consist of four free-standing panels with photographs and text describing a traditional fiber art from the state. The content will come from fieldwork and the Northeast Archives of Folklore and Oral History. The panels will travel around the state through the interlibrary loan system. U.S. Rep. Chellie Pingree announced the funding at a grants workshop in Augusta with staff from the NEA, the National Endowment for the Humanities, and the Institute of Museum and Library Services, according to the article. WABI (Channel 5) also reported on the grant.

UMaine Awarded a Nearly \$498,000 Advanced Manufacturing Technology Planning Grant

08 May 2015

The University of Maine's Advanced Structures and Composites Center has received a \$497,965 award from the National Institutes of Standards and Technology for mapping technical manufacturing challenges in structural thermoplastic materials. UMaine's Advanced Structures and Composites Center, in collaboration with Celanese Corporation, Eastman Chemical Company, Polystand and Royal TenCate, will launch CMIST — the Consortium for Manufacturing Innovation in Structural Thermoplastics. Working groups of material scientists, product developers, manufacturers and potential end users will identify, characterize and map technical challenges to the adoption of thermoplastic composite materials as substitutions in primary structural applications, allowing U.S. manufacturers to bring solutions to market first. Low in cost and weight, recyclable and corrosion resistant, thermoplastic composite materials are strong enough to be used as a substitute in many primary structural applications, including ones in which aluminum once replaced steel in aircraft and automobiles. Such substitution has the potential to transform manufacturing. Global manufacturing competitiveness, historically dictated by raw-material costs and labor, can instead be dictated by efficiency, knowledge and smart manufacturing. U.S. manufacturers intending to benefit from such a transformation face two challenges: technical issues and competitive market threats. Technical issues include: realizing faster manufacturing cycle times; developing fast and reliable thermoplastic joining methods; and characterizing thermoplastic composites for desired performance and economical manufacturing. The vision and applied research that results from this planning mission will help U.S. manufacturers bring their products to market faster and in advance of global competition. UMaine's award is part of the \$7.8 million in NIST Advanced Manufacturing Technology Planning Grants. More about the NIST Awards is online.

Doctoral Students Study Climate Change Effects on Soil, Forest Growth

08 May 2015

Thought you had it tough shoveling the walkway this winter? Corianne Tatariw and Kaizad Patel cleared four 16.5-foot by 33-foot plots of land in University Forest in Old Town every time it snowed. All in a quest for knowledge. Tatariw and Patel are pursuing doctoral degrees in ecology and environmental science at the University of Maine. They're researching how seasonal climatic changes from winter to spring affect soil nutrient cycling and therefore the biology, chemistry and physical characteristics of the woods. Climate drivers of nutrient cycling are very strong in the Northeast, Patel says, and may impact how forests grow in the near future. Project findings, he says, could be interesting to forest managers, as well as to agriculture specialists. Tatariw and Patel came to the project with different specialties. Tatariw, who earned her undergraduate degree at Virginia Polytechnic Institute and State University and her master's at the University of Alabama, is fascinated by microbial ecology. While microbes — the oldest forms of life on Earth — are invisible outside of the lab, "these tiny machines can do anything and we're able to live on the planet because of microbes," says Tatariw, from Herndon, Virginia. "They drive everything that's going on." Patel, of Mumbai, India, earned his undergraduate degree in pharmacy at the University of Mumbai. He switched to environmental studies and became interested in soils while pursuing his Master of Environmental Studies at the University of Pennsylvania. "I enjoy working outdoors in the forest. If it's underground, I like it. I like getting my hands dirty," says Patel, who is examining soil nitrogen levels for the project. In December, Tatariw and Patel measured the eight plots — four not-to-be-shoveled control plots and four plots to be shoveled to simulate the effects of warmer winters with reduced snow accumulation. In January, they activated and buried electronic temperature data loggers. And since February, they've routinely been retrieving temperature data and collecting soil and snow samples to measure nutrients. Tatariw and Patel have found soils in the "no snow" plots were significantly colder, with more soil frost, than those in the control plots. This, they say, is expected to drive changes in soil microbial processes. Tatariw and Patel will continue to collect data samples until the end of May for the project that Patel believes is the first of its kind in Maine. Contact: Beth Staples, 207.581.3777

Guide Highlights Resources for Veteran-to-Farmer Training

08 May 2015

University of Maine Cooperative Extension has published a bulletin that highlights training and education resources for military veterans to develop farming skills as they transition back into civilian life. The Maine Department of Agriculture, Conservation and Forestry, as well as UMaine Extension, created the guide about agricultural, forestry and other natural resource training programs approved under GI Bill benefits. Tori Jackson, Extension associate professor of

agriculture and natural resources, and Stephanie Gilbert, farm viability and farmland protection specialist, Maine Department of Agriculture, Conservation and Forestry, co-authored the bulletin. More information and free downloads are available [online](#) and by contacting 207.581.3792, extension.orders@maine.edu.

Maine Edge Previews Black Bear Beauties Plant Sale

08 May 2015

[The Maine Edge](#) published a University of Maine news release about the Black Bear Beauties Plant Sale that will be held in the Roger Clapp Greenhouses from 9 a.m.–5 p.m. Saturday and Sunday, May 16–17. Students and faculty in UMaine’s Environmental Horticulture and Sustainable Agriculture programs grow the plants that are sold at the sale. Proceeds fund Grower of the Year scholarships for the best student growers in the programs. The sale will feature tomatoes, peppers, herbs, annuals and a limited number of woody plants.

Cooperative Extension Tips Included in Farm Dairy Article on Square Foot Gardening

08 May 2015

Tips from the University of Maine Cooperative Extension were included in the [Farm Dairy](#) article, “How to plant a square foot garden.” The report cited the UMaine Extension [bulletin](#) “Gardening in Small Spaces,” which offers suggestions on how many plants to put in each square and how to protect square foot gardens from pests, the sun and frost. UMaine Extension suggests using bent metal hangers to support garden fabric as a shield from the sun, chicken wire or netting to keep wildlife away, and adding a row cover supported with bent metal hangers to extend the growing season, according to the article.

Media Advances Steiners’ Massachusetts Performance

08 May 2015

The [Cape Cod Times](#) and [CapeNews.net](#) reported the Maine Steiners, the University of Maine’s oldest a cappella group, will perform in A Cappella Fest at Falmouth High School in Falmouth, Massachusetts on May 14. The group is scheduled to perform with the high school’s Soulfège and the Bluestockings from Amherst College, according to the reports. The Steiners have performed in Falmouth two times in the past three years, including at last year’s A Cappella Fest, according to CapeNews.net. The group has recorded several CDs, with the most recent release being last spring. They perform mostly in the barbershop tradition, the article states.

Castine Patriot Reports on Wood Guide Written by Student, Professor

08 May 2015

The [Castine Patriot](#) reported on a guide that shows communities how to start a wood bank that was written by Sabrina Vivian, a senior in the Ecology and Environmental Sciences Program who grew up in Surry and Blue Hill, and Jessica Leahy, an associate professor of human dimensions of natural resources in the School of Forest Resources. “[A Community Guide to Starting & Running a Wood Bank](#)” provides guidance for establishing a wood bank, as well as topics to be considered, including types of wood banks, location, legalities, security, eligibility, firewood sources, volunteers, processing, distribution and equipment. Wood banks are similar to food pantries, but instead of providing food for those in need, they provide firewood at little to no cost for those who rely on wood to heat their homes.

Grad Student’s Master’s Thesis Focus of BDN Column

08 May 2015

University of Maine graduate student and Fort Kent native Lisa Lavoie’s master’s thesis on her borderland community was the focus of a [Bangor Daily News](#) column titled “French, family connections endure in Valley despite changes at border crossing.” Lavoie’s thesis, which she defended in April, looks at changes along the Fort Kent-Clair border since

the terrorist attacks of Sept. 11, 2001. “Since 9/11, the people living in the Fort Kent-Clair borderlands have experienced a sea change in their habitual and casual border crossing,” Lavoie wrote. “The United States transformed a border that had been essentially a non-entity for 200 years into a barrier as a response to real or perceived threats to the country after 9/11.” Lavoie enrolled at UMaine in a master’s degree program in interdisciplinary studies with a concentration in Maine studies, according to the article. “The opportunity [distance learning] presents for those of us in the north country is amazing,” she said.

Dana Connors to Receive Honorary Doctorate Degree, Press Herald Reports

08 May 2015

The [Portland Press Herald](#) reported the University of Maine will present an honorary doctorate degree to alumni Dana Connors of Gray, Maine, during the 213th Commencement. Connors is the longtime president of the Maine State Chamber of Commerce and serves on the boards of the Maine Economic Research Institute, the Maine Manufacturing Extension Partnership and Maine & Co., according to the article.

Graduating Baseball Player Featured in BDN Article

08 May 2015

The [Bangor Daily News](#) published a feature on University of Maine senior Luke Morrill. Morrill is a South Thomaston native and member of the UMaine baseball team. He graduates Saturday with a degree in business management after a year juggling school, baseball and fatherhood. Morrill has a 10-month-old son with his fiancée Bri Hammond, who completed her degree in child development last semester and works as part of UMaine’s student-athlete academic support staff, according to the article. Morrill took three summer classes a year ago to make sure he would graduate in four years, which he calls his biggest accomplishment at UMaine, the article states. Coach Steve Trimper said Morrill has demonstrated considerable personal growth and improved baseball skills while at UMaine. “Luke has matured and grown up in four years,” Trimper said. “He’s one of those guys that if he’s made a mistake, he’s learned, and it’s made him a better person.”

UMaine Community Members Share Campus Memories with WABI Ahead of Commencement

08 May 2015

Members of the University of Maine community spoke with WABI (Channel 5) about their time at the University of Maine and the university’s 150-year legacy ahead of Commencement. Katherine Musgrave, who taught nutrition at UMaine from 1969 until last year, spoke about what campus looked like when she first arrived. “When we walked across the campus at the University of Maine for the first time and I saw those stately brick buildings, well arranged but very sedate, there was nothing glitzy at all,” she said. “I immediately fell in love with it.” Senior Peter Violette spoke about the community’s friendliness. “The campus is really accepting and inviting, and you can really go and talk to anybody you wanted to and strike up a conversation,” he said. University of Maine College of Engineering Dean Dana Humphrey spoke about the university in relation to its 150th anniversary. “To be able to look up and see Fogler Library on one end and Memorial Gymnasium on the other; that’s an image of the University of Maine I think will remain for the next 150 years, and that’s exactly as it should be,” he said.

Vice President Kim Describes Inventions to Help Older Adults Stay at Home, BDN Reports

08 May 2015

The Bangor Daily News published a report about Carol Kim, vice president for research and dean of the graduate school at the University of Maine, testifying before the U.S. Senate Special Committee on Aging. Kim spoke about UMaine’s multidisciplinary initiatives focused on helping elders to age and thrive in place. A lot of UMaine’s aging research focuses on helping to prevent seniors from falling and helping to mitigate injury upon a fall, according to the report. Kim testified at the hearing titled “Aging in Place: Can Advancements in Technology Help Seniors Live Independently?” at U.S. Sen. Susan Collins’ request, the article states. [MobiHealthNews](#) also reported on the hearing.

Nathan Rockwood: Jump-Starting College

08 May 2015

Nathan Rockwood, a second-year economics major at the University of Maine, started his college career while he was a student at Ellsworth High School. The University of Maine Academ-e, the first early college distance education program in Maine, allowed Rockwood to take three courses for university credit before he finished high school. The online program is open to Maine high school juniors and seniors who are nominated by principals, guidance counselors and teachers. All Maine high schools are eligible to have students enroll in Academ-e on a first-come, first-served basis. Academ-e consists of courses representing mathematics, sciences, arts, humanities and social sciences. Through Academ-e, Rockwood took Principles of Microeconomics taught by economics professor Caroline Noblet; American Government with political science professor Richard Powell; and Introduction to World Politics with G. Paul Holman, adjunct professor of political science and Libra Professor of International Affairs. **What was your favorite course and why?** My favorite was Introduction to World Politics. It really gave me a great knowledge base for why certain world events occur, as well as a greater urge to get involved in world politics once I graduate and finish my schooling. **How did you benefit from Academ-e?** Academ-e allowed me to work at my own pace and set my work ethic. Of course, Academ-e wasn't the only class that prepared me for college. My Advanced Placement U.S. history class also helped establish work ethic, allowing me to complete homework assignments and study properly for exams. **How would your college experience be different if it weren't for Academ-e?** I don't think I would have adjusted as quickly to the intensity of the college workload if I had not taken Academ-e. **Would you recommend this program?** I would absolutely recommend the Academ-e program. I would recommend the program to any high schooler — be they junior or senior — who wants to find out what they want to do in college or at least get some general education credits or preparation for college before they enter. **What are your plans for after graduation?** I would like to use my economics degree to get involved in government. Some graduate school could be in the cards as well to insure that my job placement is firmed up a little more. If I could go to graduate school, I would get an international affairs or political science degree.

Part of the Legacy: UMaine Grads Reminded of Their Role in Carrying the Land Grant Mission Forward

09 May 2015

More than 10,800 family members, friends and colleagues filled Harold Alfond Sports Arena May 9 for the two ceremonies of the 213th Commencement at the University of Maine. An estimated 1,687 undergraduate and graduate students participated in Commencement, one of the largest graduation events in the state. This year's Commencement is part of UMaine's 150th anniversary celebration. Commencement speaker M. Peter McPherson, president of the Washington, D.C.-based Association of Public and Land-grant Universities, told members of the Class of 2015 that they are now part of UMaine's 150-year legacy — and have a role to play. "This institution's work and commitment to bettering Maine are found in its students and in every corner of the state," McPherson said. "The University of Maine is committed to its public purpose of seeking new knowledge, and helping to solve problems throughout Maine and beyond." The University of Maine has lived up to the vision of the Morrill Act, signed into law by President Abraham Lincoln, to enable every state to have a land grant college with a statewide mission of teaching, research and public service, McPherson said. "This land grant, sea grant and flagship university will continue to change, but it also will continue to be more than the sum of its parts," McPherson said. "No other institution in Maine is in position to play the same leadership role in academic, research and engagement within the system and for the whole state." UMaine's land grant mission is "at the center of its being" and imparts an obligation on its graduates to be "constantly working to make a more fair, just and prosperous world." "Being from a land grant institution, particularly one as notable as the University of Maine, means that you have an obligation to carry that land grant status with you — and as part of you — for the rest of your life," said McPherson. "The University of Maine sweatshirt you now have should not just be a sign of where you're from, but where you're going," McPherson said. The morning Commencement ceremony included the College of Education and Human Development, the College of Liberal Arts and Sciences, the Division of Lifelong Learning, and the Maine Business School. The afternoon ceremony includes the College of Engineering, and the College of Natural Sciences, Forestry, and Agriculture. Honorary doctorates were awarded to McPherson, and alumni Dana Connors of Gray, Maine, president of the Maine State Chamber of Commerce, and Dennis Rezendes of Boulder,

Colorado, who pioneered the hospice program in the United States. This year's valedictorian is Gwendolyn Beacham of Farmington, Maine, a biochemistry major and honors student. The salutatorian is Katelyn Massey of Waterville, Maine, a psychology major with a concentration in development and a minor in communication sciences and disorders, and a member of the UMaine women's ice hockey team. Also honored were four faculty members in civil engineering, philosophy, history and communication who received UMaine's highest awards: The 2015 Distinguished Maine Professor is Bill Davids, the John C. Bridge Professor of Civil Engineering. The annual award is presented by the University of Maine Alumni Association in recognition of outstanding achievement in UMaine's statewide mission of teaching, research and economic development, and community engagement. Kirsten Jacobson, associate professor of philosophy, is the 2015 Presidential Outstanding Teaching Award winner; Richard Judd, Col. James C. McBride Distinguished Professor of History, the 2015 Presidential Research and Creative Achievement Award; and Laura Lindenfeld, director of the Margaret Chase Smith Policy Center and associate professor of communication, the 2015 Presidential Public Service Achievement Award. ads reminded of their role in carrying the land grant mission forward. Contact: Margaret Nagle, 207.581.3745

Brian Bray Appointed Director of Conference Services

11 May 2015

The Division of Lifelong Learning is pleased to announce the appointment of Brian Bray as director of Conference Services. Bray brings more than 20 years of experience in conference and event planning to the University of Maine. He served as the chief executive officer of the Grant Professionals Association and executive director of the Association of Midwest Museums. He has worked in alumni relations at Washington University in St. Louis, Missouri. The Conference Services Division furthers UMaine's academic mission by bringing together groups of participants and qualified resource people to share information and ideas, develop new skills and insights, and problem solve. It accomplishes this by professionally coordinating a varied and rich selection of conferences, meetings, seminars and symposia, showcasing the UMaine facilities and resources. Conference Services is a one-stop shop and can assist faculty and staff with event planning needs, including site selection, housing, dining, budgeting, marketing and registrations. For additional information about conference services, contact Brian, brian.bray@maine.edu; 207.581.4091.

Volunteer Training to Begin for Maine Bee Census Project, AP Reports

11 May 2015

The Associated Press reported officials with the Maine Bumble Bee Atlas project will begin training citizen volunteers Saturday at the University of Maine. The project aims to help determine Maine bee range and abundance, according to the report. The project is being coordinated by the state, UMaine and the University of Maine at Farmington. [Sun Journal](#), WGME (Channel 13 in Portland) and WABI (Channel 5) carried the AP report.

Leahy Quoted in Morning Sentinel Article on Open Land Access Trash Concerns

11 May 2015

Jessica Leahy, an associate professor of human dimensions of natural resources in the University of Maine School of Forest Resources, spoke with the [Morning Sentinel](#) for an article about some Maine landowners restricting recreational access because of trash left by visitors. The article cited Leahy's [2008 study](#) that found the biggest reason Maine landowners cut off public use is littering and illegal dumping. About 30 percent of private landowners were "actively considering" placing restrictions or prohibiting access to their property, primarily because of problems with littering and illegal dumping, according to the study. "You could have all the positive use you could imagine — grandfathers taking their grandkids fishing — but it really only takes one bad incident for the landowner to close off access to the land," Leahy said. She added much of the garbage is left from local people who are not using their transfer station, and not from recreational users.

MPBN Reports on Doctoral Students Studying Snow-Soil Connection

11 May 2015

The [Maine Public Broadcasting Network](#) reported on soil research being conducted by Corianne Tatariw and Kaizad Patel, University of Maine students who are pursuing doctoral degrees in ecology and environmental science. Tatariw and Patel are researching how seasonal climatic changes from winter to spring affect soil nutrient cycling and therefore the biology, chemistry and physical characteristics of the woods. This winter, the students shoveled four plots of land in the University Forest in Old Town every time it snowed, according to the report. “So we basically removed a thermal barrier,” Tatariw said, adding the idea was to keep the areas clear to compare how soil was impacted by snow. The researchers found ground temperature with snow maintains a constant temperature of around freezing, the article states, and without it, ground temperatures would swing drastically. “And as a result you’re going to lose the root biomass, you’re going to lose the microbial population, and that would affect nutrient availability as well,” Patel said.

Grad Student Featured in BDN Video Series on Veteran Homecomings

11 May 2015

Joe Miller, a University of Maine graduate student studying history, was featured in a [Bangor Daily News](#) video series on veterans who talk about what coming home meant to them. Miller, a captain in the U.S. Army’s 82nd Airborne Division, served three tours in Iraq, according to the report. After serving, he looked to Maine for a fresh start and chose UMaine because it was the first college where he felt welcome, and the school counted his military experience, the article states. [Nicolas Phillips](#), a commander of the Maine Army National Guard’s 185th Engineer Support Company who served two tours in Afghanistan, also was featured in the series. Phillips, who grew up mostly in Germany with his active-duty parents, said it felt right to come to UMaine for college because his father was from Embden, Maine. Both profiles advanced a UMaine talk on veterans’ recovery from trauma by MacArthur “Genius Grant” recipient and psychiatrist Dr. Jonathan Shay at 6 p.m. Wednesday, May 13, at Wells Conference Center.

Sun Journal Publishes Interview with 2015 Valedictorian

11 May 2015

The Sun Journal published a Q&A profile of Gwendolyn Beacham, the University of Maine’s 2015 valedictorian. Beacham, a Farmington native, is a biochemistry major and Honors student and was named the Outstanding Graduating Student in the College of Natural Sciences, Forestry, and Agriculture. This fall, she will enter the Ph.D. track at Cornell University in biochemistry, molecular and cell biology. Beacham spoke about her time at UMaine, career goals, extracurricular activities and love of science. “Before college, I was always very interested in many different subjects and I honestly can barely remember what initially made me decide to study science,” she said. “However, once I got to UMaine and began classes, I realized that I loved scientific research.”

Dean Haddad, Liberal Arts Grads Speak to MPBN About Value of Degrees

11 May 2015

The [Maine Public Broadcasting Network](#) spoke with Emily Haddad, dean of the University of Maine’s College of Liberal Arts and Sciences, and several graduating students of the college for the report “UMaine’s liberal arts grads take uncertain future in stride.” Students Cameron Dwyer, Marlee Huston, Taylor Cunningham, Ciarán Coyle and Nellie Kelly spoke about the value of their liberal arts degrees and career goals. “I think in any discipline, you need creativity. You need critical thinking,” said Cunningham, an English and anthropology double major with a minor in folklore. “And if you don’t have that then there’s something very severely lacking. So I think I have a lot to give in that way.” Haddad said people who graduated with liberal arts degrees during their peak earning period — typically in their late 50s — earn, on average, \$2,000 a year more than people who had graduated with professional and preprofessional degrees.

Media Cover UMaine’s 213th Commencement

11 May 2015

The Associated Press and Maine Public Broadcasting Network were among news organizations to report on the University of Maine's 213th Commencement. M. Peter McPherson, president of the Washington, D.C.-based Association of Public and Land-grant Universities, delivered the Commencement address and received an honorary degree. Dana Connors, executive director of the Maine State Chamber of Commerce, and Dennis Rezendes of Colorado, who pioneered the hospice program in the U.S., also received honorary degrees, according to the AP. The [Bangor Daily News](#), WABI (Channel 5) and WVII (Channel 7) reported on UMaine graduate Johanna Haskell — the great-great-granddaughter of Edwin James Haskell, one of six members of UMaine's first graduating class in 1872. "I am incredibly proud to both carry on the legacy of our family and to have accomplished a personal goal of graduating," Haskell said. [Seacoastonline](#), [WMTW](#) (Channel 8 in Portland) and [seattlepi](#) carried the AP report.

Volunteers, Cheer Stations Sought for Black Bear Marathon

11 May 2015

Organizers of the University of Maine's inaugural Black Bear Marathon, Half Marathon and 10K are seeking volunteers to assist on race day and at packet pickup, as well as host cheer stations along the route. The races begin at 7:30 a.m. Sunday, June 21 and will start and finish on the UMaine track located at the Harold Alfond Stadium. Runners will be broadcast over the video scoreboard when they cross the finish line. The 26.2-mile course is a double loop of the 13.1-mile course that begins on campus and travels around Orono and Old Town and back through the university's bike path. The marathon will be a certified course, which gives runners the opportunity to qualify for larger races, such as the Boston Marathon. A 10K race also has been added to the lineup for those who like to race shorter distances. A race expo and packet pickup will be held from 10 a.m. to 6 p.m. Saturday, June 20 at the New Balance Field House. The expo will feature sponsor and vendor tables. Race packets also will be available at the UMaine track from 6–7:15 a.m. on race day. Registration for the full and half marathon, as well as the 10K, is [online](#). Registration for the 10K will close at the end of the expo. Those interested in volunteering for the race at packet pickup or on the course can register [online](#) or email Lisa Morin at lisa.morin@maine.edu. Race organizers also are recruiting cheer squads for the course and will supply noisemakers and poster board for any group interested in encouraging the runners. Residents who live along the course and host a cheer station can aid runners by putting a hose on spray mode over the course; handing out paper cups with water, ice (while wearing plastic gloves) or unwrapped Popsicles; playing loud music on a stereo or instrument; or ringing bells, using noisemakers, shouting and holding signs. To be listed as an official race cheer station, contact race director Lauri Sidelko at sidelko@maine.edu or 581.1423. On-campus housing is available for runners, volunteers and spectators. Single rooms are \$75 and double rooms are \$55. Cots can be added to double rooms for \$15 each. Double room occupants can register together or be assigned a roommate. Housing registration is [online](#). A pasta dinner will be held from 5–7 p.m. Saturday, June 20 at Wells Conference Center. Tickets are \$17 for adults, \$15 for children, and can be purchased [online](#). More about the race is on the Black Bear Marathon, Half Marathon and 10K [website](#) and [Facebook](#) event page. For more information or to request a disability accommodation, contact race directors Sidelko at sidelko@maine.edu, 581.1423; or Thad Dwyer at thad.dwyer@umit.maine.edu.

Combat Trauma and the Trials of Homecoming for Veterans the Focus of Keynotes May 13 on Campus

12 May 2015

Dr. Jonathan Shay, a nationally recognized psychologist and author of two popular books on combat trauma and the trials of homecoming for veterans and their families, will give two public addresses at the University of Maine on May 13. Shay will speak to the Fifth Annual Conference of the Maine Military & Community Network at 9 a.m. on, "Psychology and Moral Injury in War." He also will give a 6 p.m. keynote address, "Combat Trauma and the Trials of Coming Home." Both are in Wells Conference Center on campus. Shay, one of the nation's leading authorities on combat trauma and the trials of homecoming, is a psychiatrist who has specialized in treating combat veterans. He was a staff psychiatrist in the Department of Veterans Affairs Outpatient Clinic in Boston. He is in Maine for three days of meetings with veterans groups and community supporters, and public talks. In his research, Shay found that viewing the experiences of combat veterans from perspectives found in Homer's "Iliad" and "Odyssey" provide insight into both PTSD and what he has come to term "moral injury." These insights led him to write "Achilles in Vietnam: Combat Trauma and the Undoing of Character" (1994), and "Odysseus in America: Combat Trauma and the Trials of

Homecoming” (2002). Shay is a recipient of a MacArthur Foundation Genius Grant. In 1999–2000 he led the Commandant of the Marine Corps Trust Study; in 2001, he was visiting scholar-at-large at the U.S. Naval War College; 2004–05, he was chair of ethics, leadership and personnel policy in the Office of the U.S. Army Deputy Chief of Staff for Personnel, and was the 2009 Omar Bradley Chair of Strategic Leadership at the U.S. Army War College. His visit to Maine is sponsored by the Maine Infantry Foundation, Maine Military & Community Network, Acadia Hospital, the University of Maine Humanities Center, the Bangor Daily News, and the law firms of Verrill & Dana in Portland, and Vafiades, Brontas & Kominsky in Bangor. The goals of the Odysseus in Maine project are to raise awareness about combat veterans’ experiences; train providers in best practices for serving combat veterans; forge a “way ahead” in dealing with post-traumatic stress disorder and other combat-related injuries; and instill an ethical leadership model. Shay will be in Portland May 12, speaking to members of the Maine State Bar Association and the Maine Judiciary. The talk will keynote a Maine State Bar Association Veterans Committee continuing legal education programming exploring the Maine Veterans Court and related issues of importance to legal challenges faced by Maine’s veterans. He also will meet with local veterans and counselors on the final day of his Maine visit.

Maine Autism Institute Gets Additional Funds from Department of Education

12 May 2015

The Maine Autism Institute for Research and Education at the University of Maine will receive more than \$150,000 from the Maine Department of Education to continue its work as the state’s first autism institute, according to a Maine DOE news release. The funds are in addition to the \$209,802 the department and UMaine’s College of Education and Human Development contributed to open the institute in 2014. Autism is a developmental disability with varying degrees of severity that affects a person’s ability to communicate, to reason and to interact with others. An estimated 1 in 68 children is now being diagnosed with autism. The new funding will further the institute’s initial efforts to build statewide capacity to improve outcomes for young Mainers with autism, the release states. Much of the funding will be used to expand training in evidence-based practices for teams from Maine school districts to help increase the academic and social success for autistic students. The full Maine DOE release is [online](#).

CCA to Broadcast Play that Unearths World of Mumbai Trash Pickers

12 May 2015

“Behind the Beautiful Forevers,” a gripping play about people living in a slum in Mumbai, will be broadcast live from London to the Collins Center for the Arts at the University of Maine at 7 p.m. Thursday, May 28. David Hare’s play is based on the unflinching book of the same name that Katherine Boo wrote after she recorded the lives, dreams and devastations of residents in the makeshift settlement for three years. “Behind the Beautiful Forevers” won the National Book Award for nonfiction. In the shadow of ritzy hotels surrounding the gleaming Mumbai airport, people who live in a slum next to a sewage lake are part of Mumbai’s informal rubbish collecting industry. Zehrunisa and her son, Abdul aim to recycle enough rubbish to fund a proper house. Sunil, 12 and stunted, wants to eat until he’s as tall as Kalu, a scrap metal thief. Asha seeks to steal government anti-poverty funds to turn herself into a “first-class person” and her daughter, Manju wants to be the slum’s first female graduate. But their plans are fragile. Injustice and corruption reign. A global recession threatens the garbage trade and one slum-dweller makes an accusation that will destroy herself and shatter the neighborhood. Since 2009, NT Live has transmitted the best of British theatre live from London to cinemas and venues around the world. The broadcasts are filmed in front of a live audience, with cameras positioned throughout the theatre to ensure cinema audiences get the best-seat-in-the-house view. Productions are transmitted via satellite to the CCA, then projected onto a 40-foot high-definition screen — one of the largest in the state. For tickets, which are \$18 for adults and \$8 for students, visit collinscenterforthearts.com or call 581.1755, 800.622.TIXX.

Bromley Quoted in Columbia Chronicle Article on Climate Change

12 May 2015

Gordon Bromley, a research assistant professor at the University of Maine’s Climate Change Institute, was quoted in a Columbia Chronicle article about a meta-analysis by a University of Connecticut ecology and evolutionary biology

professor that states the impact of global warming is more tangible and destructive than previously thought. Mark Urban's study, which was published in the journal *Science*, states if global temperatures continue to rise at their current pace, up to one in six species will be in danger of extinction. "To pin the blame on our actions in such a stark way is appropriate but entirely new," Bromley said of the study. "We've heard a lot about how climate is going to keep changing, but we've never looked at what the impact will be on species."

BDN Features UMaine Extension Video, Tips on Worm Composting

12 May 2015

The [Bangor Daily News](#) cited a University of Maine Cooperative Extension video for the article "Want compost? Let worms make it for you." The worm composting video features UMaine Extension educator and professor Marjorie Peronto who offers tips on how to get started. Worm composting — or vermicomposting — is where earthworms eat and digest organic matter, such as food scraps, and turn them into usable compost, according to the article. "Worms can process about half their weight in food per day," Peronto said.

Live Science Reports on Mayewski's Antarctic Climate Change Research

12 May 2015

[Live Science](#) reported on climate change research conducted by a team of scientists including Paul Mayewski, director of the Climate Change Institute at the University of Maine. The article, "Million-year-old bubbles reveal Antarctica's oldest climate snapshot," focused on research led by John Higgins, a geochemist at Princeton University. Higgins' co-authors included Mayewski; Michael Bender, also of Princeton; and Ed Brook of Oregon State University. The researchers uncovered a one-million-year-old ice core from Antarctic blue ice in a region called the Allan Hills, according to the article. Bubbles inside the ice provide a glimpse in Earth's ancestral climate because gases such as carbon dioxide and methane were trapped and preserved inside the bubbles when snow fell in the past, the article states. The researchers said the core offers the oldest record of Earth's climate from Antarctic ice. [Yahoo News](#) also published the Live Science article.

WVII Interviews Dill About Insects Surviving the Winter

12 May 2015

Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, spoke with WVII (Channel 7) about insects that most likely survived the winter. Dill said to impact the most insects, the winter needs to be cold with not a lot of snow on the ground. "We had a cold winter, but unfortunately we had lots of snow," he said. "If you're an insect and you're down in the leaves and stuff and all of a sudden you've got 3 feet of snow on you; down there in the leaf litter where you are it's probably 25–28 degrees even though the air temperature might be -20." Dill said the winter may have increased the survival of ticks and maintained the survival of black flies, but may have harmed mosquitoes. He said although it's hard to predict, early-season mosquitoes don't seem as if they will be as bad as they normally are.

Hampden Family Earns Ninth Degree at Commencement, Weekly Reports

12 May 2015

[The Weekly](#) published a University of Maine news release about a Hampden-based family that at Commencement earned its ninth UMaine degree among six immediate members. On Saturday, Margaret McCollough received a bachelor's degree in sustainable agriculture. She is the daughter of Catherine Elliott, a sustainable living specialist with the University of Maine Cooperative Extension, and Mark McCollough of Hampden, who met at UMaine in the 1980s and both hold two UMaine degrees. Margaret McCollough's boyfriend Garth Douston, who she also met at UMaine, has a bachelor's degree in sustainable agriculture. Margaret McCollough's brother Aaron McCollough completed a bachelor's degree in computer and electrical engineering and a master's degree in computer engineering. While pursuing that degree, he became engaged to Morgan Burke, who completed her bachelor's degree in wildlife ecology.

BDN Advances Talks by Combat Trauma Psychologist

12 May 2015

The [Bangor Daily News](#) reported Dr. Jonathan Shay, a nationally recognized psychologist and author of two popular books on combat trauma and the trials of homecoming for veterans and their families, will give two public addresses at the University of Maine on May 13. Shay will speak to the fifth annual Conference of the Maine Military & Community Network at 9 a.m. on, "Psychology and Moral Injury in War." He also will give a 6 p.m. keynote address, "Combat Trauma and the Trials of Coming Home." Both are in Wells Conference Center on campus. "PTSD is not a bad description ... [for] the very valid adaptations that occur when people were trying to take your life," Shay said. "When those leak into life — that is PTSD. It's not a fear syndrome ... it's a danger adaptation."

Youth to Connect to Campus with 4-H@UMaine

13 May 2015

Approximately 150 youth will experience college life at the annual 4-H@UMaine event from 3 p.m. Friday, May 15 until 4:30 p.m. Saturday, May 16, at the University of Maine. Youth ages 12–17 from 10 Maine counties will explore campus, stay overnight in residence halls, eat at dining halls, swim at the New Balance Recreation Center and attend workshops presented by UMaine professors. Workshop topics include team building through engineering, international diplomacy, forest discovery, astronomy exploration, dancing, learning French and making French pastry. UMaine Extension 4-H sponsors 4-H@UMaine. More information is [online](#).

BDN Reports on Roberts' Resignation

13 May 2015

The [Bangor Daily News](#) reported Joe Roberts, the University of Maine's associate athletic director for external operations, has resigned after nearly 25 years at the university. "It has been a great run. It's time to do something different. It seemed like a good time [to step down]. Twenty-five is a pretty round number," Roberts said. Karlton Creech, UMaine's director of athletics, said Roberts will be missed. "Joe's a great guy. I enjoyed working with him. He did a good job," Creech said. "It was his decision. Joe is looking at some new challenges, and I wish him all the best of luck."

Graduating Students Write BDN Op-Ed

13 May 2015

Four newly graduated students of the University of Maine wrote an opinion piece for the [Bangor Daily News](#) titled, "Work, internship experience, downtown exposure pay dividends for greater Bangor." Cameron Huston, Sarah Nicols, Spencer Warmuth and Gareth Warr, who graduated Saturday, were students in professor Rob Glover's practicum in engaged policy studies class. They were invited to contribute a guest piece for the Maine chapter of the Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications.

Combat Trauma Psychologist Speaks with BDN, WLBZ Ahead of UMaine Talk

13 May 2015

The [Bangor Daily News](#) and WLBZ (Channel 2) interviewed Dr. Jonathan Shay, a nationally recognized psychologist and author of two popular books on combat trauma and the trials of homecoming for veterans and their families, who will give two public addresses at the University of Maine on May 13. Shay spoke about post-traumatic stress disorder (PTSD) and moral injury, which he says results when a leader who holds legitimate authority betrays what's commonly accepted as right, in a high-stakes situation. "It just devastates the capacity to have a good human life," Shay said of

moral injury. “When trust is destroyed, it doesn’t leave a vacuum, it doesn’t leave nothing. When trust is destroyed, it leaves behind the active expectancy of harm, exploitation and humiliation.” Shay will speak to the fifth annual Conference of the Maine Military & Community Network at 9 a.m. on, “Psychology and Moral Injury in War.” He also will give a 6 p.m. keynote address, “Combat Trauma and the Trials of Coming Home.” Both are in Wells Conference Center on campus.

UMaine Humanities Center Awards Summer Research Grants

13 May 2015

The University of Maine Humanities Center has awarded summer research grants to two UMaine students. Taylor Cunningham, an English major and Honors student with a minor in folklore studies, was awarded the Sandy and Bobby Ives Research Award. Elisa Sance, a doctoral candidate in history, was awarded the center’s graduate student research award. Each award is worth \$500. Cunningham of Massachusetts is the coordinator of a new interdisciplinary humanities series of lectures on linguistics and culture, and has been working on the Maine Hermit Project for two years. The project is a collaborative interdisciplinary humanities lab venture involving a team of undergraduate researchers working with Sarah Harlan-Haughey, an assistant professor in UMaine’s Honors College and Department of English. “As a student research assistant on the Maine Hermit project, I study the historical hermits of Maine — who they were and what they can tell us about the communities that remember them,” Cunningham says, adding she spends a lot of time researching old newspapers and the archives in the Maine Folklife Center, as well as conducting fieldwork around the state. She says fieldwork is essential to a project that relies on oral history, and has visited historical societies and museums in Patten, Oxford Hills and Monhegan Island. She plans to travel more this summer, and the grant will help with related costs. While a graduate teaching assistant at UMaine, Sance taught French in the Department of Modern Languages and Classics. For her doctorate, she is focusing on language policies in the 1960s and 1970s in New Brunswick and their effect on people in northern Maine. This summer, Sance will study the role of the family unit in the transmission of the French language in U.S. and Canadian communities in the Madawaska region. “The French-speaking population in the Madawaska region was divided by the establishment of the official border between Maine and New Brunswick in 1842. This population shares a common past but has evolved within different legal and political frameworks,” Sance says. Sance also plans to collect data on the structure and evolution of the family unit as they relate to the establishment of public school systems in New Brunswick and Maine. She is specifically seeking information on the level of education, occupation(s), religious orientation, and size and composition of families. Sance plans to conduct research at the Blake Library at the University of Maine Fort Kent and the Acadian Archives, which are housed in the same building. The facilities offer several useful documents that are not available anywhere else, Sance says. She also plans to use resources at the University of Moncton at Edmundston, New Brunswick. She intends to present the paper at a conference organized by the Association of Canadian Studies in the United States in October, and at an on-campus event in March 2016, part of a monthlong series of programs to celebrate the French-speaking world. The Sandy and Bobby Ives Research Award is funded by David Taylor and LeeEllen Friedland, and the graduate student award comes from other University of Maine Humanities Center (UMHC) funds. For more information about UMHc, email director Liam Riordan at riordan@maine.edu or visit the center’s website.

UMaine Commencement Address Cited in APLU Newsletter

14 May 2015

A Public Voice, the newsletter of the Association of Public and Land-Grant Universities, noted that APLU President M. Peter McPherson delivered the UMaine Commencement address May 9. A copy of McPherson’s remarks are [online](#).

Annual Clean Sweep Sale May 22–23

14 May 2015

The University of Maine will hold the annual Clean Sweep Sale 11 a.m.–6 p.m. Friday, May 22 and 8 a.m.–2 p.m. Saturday, May 23 in York Commons. Furniture, rugs, electronics, appliances, housewares, books, bedding, shoes and clothing will be among the items for sale. Items were donated by the university or students who moved out of the dorms

at the end of the semester. Proceeds will support programs and services offered by the Black Bear Exchange and student service projects coordinated by the Bodwell Center for Service and Volunteerism. For more information, call the Bodwell Center at 581.3091.

Ellsworth American Covers FoodCorps Cooking Class for Third-Graders

14 May 2015

[The Ellsworth American](#) reported on a cooking lesson for third-graders that was held as part of an initiative between FoodCorps and Ellsworth Elementary-Middle School (EEMS). The Maine FoodCorps program is the state branch of a national program that teaches healthful eating, expands school-based gardens and increases locally grown food in school cafeterias. The University of Maine Cooperative Extension oversees the state program. The FoodCorps initiative is “all connected to gardening, hands-on activities and cooking, to get more of an understanding of what our bodies need, eating healthily and developing positive relationships to food and nutrition,” said FoodCorps service member Isabel Neal who has been visiting the third-grade classroom nearly every week since last fall and works on other gardening and education projects with other EEMS classes weekly, according to the article.

Tri-Town Weekly Reports on UMaine Business Challenge Technology Prize Winners

14 May 2015

The Tri-Town Weekly published an article on Limbeck Engineering, the winners of the \$5,000 Bruce Fournier Family Foundation technology prize at the 2015 UMaine Business Challenge. College students and former Freeport High school students Travis Libsack, Nick Nelsonwood and Liam Wade, along with Freeport High School senior Josef Biberstein won the prize for their company, Limbeck Engineering LLC. The students are developing a remotely operated submersible robot for underwater exploration and research, according to the article. The UMaine Business Challenge was founded in 2011 by a group of 2010 UMaine graduates who wanted to give back to their alma mater while creating more opportunities for student entrepreneurs. This was the first year in which students from any Maine college or university were invited to apply. “There are many resources on the University of Maine campus, which is just as valuable [as the prize],” said Libsack. Wade is a UMaine student, Nelsonwood attends Princeton University, Libsack goes to Massachusetts Institute of Technology, and Biberstein also plans to attend MIT in the fall, the article states.

WLBZ Interviews New Media Students About Fall Detection Device

14 May 2015

WLBZ (Channel 2) spoke with Benjamin Herold-Porter and Heather Anderson, graduating seniors in the University of Maine’s New Media Department, about a fall detection device they developed for older adults to use outside their homes. For their capstone project, the students created a prototype that can detect when the person wearing the device has fallen and automatically text a programmed cell phone number without requiring user action. “We’ve completely removed that user interaction,” Herold-Porter said. Both Herold-Porter and Anderson have active grandparents in their 80s who have fallen while alone outside their homes. Herold-Porter said his grandmother has a device that’s currently on the market, but rarely presses the button when she falls. “She’s less prone to press it then because she doesn’t want to interrupt anyone’s day or anything like that,” he said. The students said future possibilities for the device include using smaller parts, adding GPS and more functions such as a walk counter, vitals detector or the ability to make phone calls.

2015 Retirement Recognition Banquet May 20

15 May 2015

The annual Retirement Recognition Banquet will be held at 6 p.m. May 20 at Wells Conference Center. President Susan J. Hunter and senior administrators, supervisors, friends, family and co-workers will honor retiring University of Maine faculty and staff with a reception and dinner. For more information, contact Rowena Clukey at rowenac@maine.edu or 581.1580. A list of the 2015 retirees is online.

UMaine to Host Invention Convention May 16

15 May 2015

The University of Maine's Foster Center for Student Innovation will host the annual Maine Invention Convention from 10 a.m. to 1 p.m. Saturday, May 16 at the New Balance Student Recreation Center on campus. About 120 students from 12 middle schools will compete in the 2015 statewide competition that promotes innovative problem solving and inventing by Maine middle school students. Throughout the school year, students work with peers and teachers to identify and solve problems, create inventions, search patents and test ideas. The curriculum is based on UMaine's Innovation Engineering program. After competing at the school level, top students are invited to the state conference. More about the Maine Invention Convention is [online](#).

Raw Food World Reports on Klimis-Zacas' Blueberry Research

15 May 2015

Blueberry research conducted by Dorothy Klimis-Zacas, a clinical nutritionist and professor at the University of Maine, was cited in [The Raw Food World](#) news article "Blueberries for diabetes and heart disease? Studies show blueberries can improve disease symptoms." The article cites a 2013 study co-written by Klimis-Zacas that found a diet rich in wild blueberries is associated with less risk of metabolic syndrome. Klimis-Zacas defines metabolic syndrome as "a group of risk factors characterized by obesity, hypertension, inflammation, dyslipidemia, glucose intolerance and insulin resistance, and endothelial dysfunction," according to the article. The study suggests implementing wild blueberries into a diet long term may help improve the pathologies, such as diabetes and cardiovascular disease, associated with metabolic syndrome, the article states.

Ohio's 10TV Cites UMaine Hazing Study

15 May 2015

[WBNS-TV](#) (10TV) of Columbus, Ohio cited a 2008 University of Maine study in the report "Hidden hazing: Reports of abuse rampant across Ohio's colleges." The study, which was conducted by researchers Elizabeth Allan and Mary Madden, polled more than 11,000 students and found that more than half experience hazing on college campuses, according to the report.

Collaborative Environmental Education Project Wins EPA Award, Free Press Reports

15 May 2015

[The Free Press](#) reported Environmental Living and Learning for Maine Students (ELLMS), a collaboration between five residential environmental learning centers in Maine, received an award from the Environmental Protection Agency (EPA). The EPA 2015 Environmental Merit Award recognizes individuals and organizations for environmental stewardship and dedication to environmental progress, according to the article. ELLMS was formed in 2010 by Chewonki Foundation in Wiscasset, The Ecology School in Saco, Schoodic Institute at Acadia National Park in Winter Harbor, University of Maine 4-H Center at Bryant Pond, and University of Maine 4-H Center at Tanglewood in Lincolnville.

BDN Publishes Five Takeaway Points from Combat Trauma Talk

15 May 2015

The [Bangor Daily News](#) published five major points made by Dr. Jonathan Shay, a psychiatrist and combat trauma expert, during his talk "Combat Trauma and the Trials of Coming Home" on May 13 at the University of Maine. More than 250 people attended the keynote address of the fifth annual Conference of the Maine Military & Community Network. According to the BDN, Shay's main messages were "Let veterans sleep;" "Learn and care about the boring stuff, the not-dramatic stuff;" "Understand moral injury;" "You can do something to help;" and "Healing happens by

having one's story told and understood, often through the arts."

CBC News Reports on Grad Student's Research on Lobsters, Climate Change

15 May 2015

[CBC News](#) reported on research by Jesica Waller, a University of Maine master's student in marine biology, that focuses on the effects climate change may have on lobster. Waller is working with a University of Prince Edward Island professor to determine why lobster larvae are growing more slowly, according to the article. The researchers test the larvae by growing them in water conditions expected 85 years from now due to climate change, the article states. "I saw that they grew to the same size and length but had decreased measures of metabolism, specifically respiration rates," said Waller. "This gives us a clue that the impacts of ocean acidification and ocean warming may be happening internally, affecting a lobster's ability to grow and breathe correctly." This summer the researchers will test swimming speed and ability to catch prey, actions that could be harmed by poor breathing, Waller said. [Radio Canada International](#) also reported on Waller's research.

Lilieholm Quoted in Guardian Article on Apple's Forest Conservation Efforts

15 May 2015

Rob Lilieholm, the E.L. Giddings professor of forest policy at the University of Maine, was quoted in an article by [The Guardian](#) about Apple's forest conservation efforts in the United States and China. Apple recently announced a plan to work with the World Wildlife Fund to improve management of one million acres of forests in China. The company also is donating money to the Conservation Fund to buy and protect 36,000 acres of forests from commercial development other than forestry product production in Maine and North Carolina, according to the article. "What's exciting is that a company of Apple's profile is doing this. They are good at marketing," Lilieholm said. "It's tying the producers with the supply chain and customers. Other companies are going to look at this and think they might want to try to do the same."

Online Registration Available for Communicators Summit 2.0

18 May 2015

Online registration is available for the University of Maine's Communicators Summit 2.0, "Beyond the Brand: Integrated Communication." Provost Jeffrey E. Hecker will give a welcome and overview at the Wednesday, May 20 event that will be held 9–11:30 a.m. in Wells Conference Center. The summit will feature a discussion of UMaine's current communication and branding efforts, as well as emerging initiatives from 9–10:30 a.m., followed by topical breakout sessions. Sign up online for sessions and to submit questions or comments. For more information or to request a disability accommodation, call 581.3743.

Training Begins for Residents to Gather Bee Data, AP Reports

18 May 2015

The Associated Press reported citizen volunteer training began May 16 at the University of Maine for the Maine Bumble Bee Atlas project. The training workshop is the first to begin to show residents how to gather information about the range and abundance of the state's bees, according to the report. The Maine Bumble Bee Atlas project aims to help determine the state's bee range and abundance, according to the report. The project is being coordinated by the state, UMaine and the University of Maine at Farmington. [Portland Press Herald](#), WABI (Channel 5), WLBZ (Channel 2) and SFGate carried the AP report.

Hooper Writes Column on Innovate for Maine Program for MaineBiz

18 May 2015

Jennifer Hooper, the mentoring and business coordinator at the Foster Center for Student Innovation and the Target

Technology Incubator at the University of Maine, wrote a column for [Mainebiz](#) titled “How to develop a workforce using interns.” Hooper wrote about the Innovate for Maine program, managed by UMaine, which connects Maine college students with growing companies and business leaders in the state. The program includes mandatory training with an emphasis on innovation and entrepreneurship, the article states. Hooper also mentioned Intern-to-Work, a new pilot program offered by the Target Technology Center that lets Maine businesses advertise internship positions through the University of Maine Career Center.

Peterson Quoted in Baltimore Sun Report on Preakness Race Track Conditions

18 May 2015

Mick Peterson, a professor of mechanical engineering at the University of Maine, was quoted in a [Baltimore Sun](#) article about track conditions at Pimlico Race Course in Baltimore ahead of the 140th Preakness Stakes horse race. In the week leading up to the race, sun and wind drew moisture from the track, requiring that up to 70,000 gallons of water be sprayed on the track each day, according to the article. Peterson, whose research focus is horse racing track surfaces, said mud isn’t necessarily dangerous and a 1980s study showed wet tracks were safer. He said the problem is when racing surfaces become uneven and inconsistent, making it difficult for horses to see slippery places or puddles.

Maine EPSCoR Featured in Mainebiz Article on Boosting Science, Technology Workforce

18 May 2015

Maine EPSCoR, the Experimental Program to Stimulate Competitive Research, was mentioned in the [Mainebiz](#) article “Training budding scientists: Federal funding boosts Maine’s science and technology workforce.” EPSCoR was established by the National Science Foundation in 1978 for states that typically receive small amounts of federal R&D funding, according to the article. Maine became an EPSCoR state in 1980, with the program that is based at the University of Maine. “Since then, more than \$97 million has been used to expand our research capacity as a state,” said Laurie Bragg, outreach and program manager for Maine EPSCoR. From 2009–15, more than 100 faculty and 752 high school, undergraduate and graduate students have taken advantage of the program, which is largely hands-on field work, according to the article. Bragg expects about 5,000 students, from kindergarten through high school, to participate in the program annually over the next five years, she said. “We want to build capacity to build a larger STEM workforce in Maine. We need scientists and consumers of science,” she said. “You need science just to operate your cellphone.”

Aging Research, Vice President Kim Cited in Sen. Collins’ Weekly Column

18 May 2015

Research and development of technologies being conducted at the University of Maine’s Center on Aging were mentioned in U.S. Sen. Susan Collins’ weekly [column](#), “The aging and thriving in place movement.” The column also cited a recent testimony before the U.S. Senate Special Committee on Aging by Carol Kim, vice president for research and dean of the graduate school at UMaine. The hearing of the committee, which Collins chairs, was held to examine how advances in technology can help seniors live independently and age in place, according to the column. Kim spoke about UMaine’s multidisciplinary initiatives focused on helping elders to age and thrive in place.

Animal, Veterinary Sciences Major Featured in Mainebiz

18 May 2015

[Mainebiz](#) published a feature article on recent University of Maine graduate Matthew Hodgkin, an animal and veterinary sciences major. The article focused on Hodgkin’s research, lobster-related business and his working relationship with Bob Bayer, executive director of the Lobster Institute. While at UMaine, Hodgkin was involved with research related to developing a noninvasive way of testing the viability of lobsters for shipping, as well as finding a way to commercialize the invasive green crab. Hodgkin also co-owns Lobster Unlimited LLC with Bayer; Lobster Institute Associate Director Cathy Billings; and Stewart Hardison, a business partner from outside the UMaine community. The company aims to develop products from lobster-processing industry waste, such as shells with the goal

to get more money to lobstermen and improve Maine's economy. Hodgkin spoke about how Bayer and UMaine's Innovation Engineering program helped him discover his interest in research. "It's been fun, it's always exciting. And once you reach those milestones where your idea is getting closer and closer to fruition, it's very exciting," Hodgkin said.

Media Report on Sorg's Analysis of Maine Drug Deaths

18 May 2015

The Associated Press, [Portland Press Herald](#), [Bangor Daily News](#), [The Ellsworth American](#), WVII (Channel 7), Sun Journal and the Maine Public Broadcasting Network reported on an analysis released by the Maine attorney general's office and conducted by Marcella Sorg, a research professor of the Margaret Chase Smith Policy Center at the University of Maine. The study found Maine residents who died of drug overdoses in 2014 hit a record number of 208 — an increase of 18 percent over the previous year, according to reports. "What is remarkable about the numbers in 2014 is a new increase in heroin and fentanyl deaths driving the number of total deaths to an unprecedented level for Maine," Sorg said, citing statistics that found heroin deaths increased from 34 in 2013 to 57 in 2014, and fentanyl-related deaths increased from nine in 2013 to 43 in 2014. WABI (Channel 5), [Fosters.com](#) and The Houston Chronicle carried the AP report.

Learn to Preserve the Harvest with UMaine Extension

19 May 2015

Enjoy the taste of summer fruits and vegetables all throughout the year by taking the University of Maine Cooperative Extension's Preserving the Harvest workshop 5:30–8:30 p.m. Tuesday, June 23 at UMaine Regional Learning Center, 75 Clearwater Drive, Falmouth. The workshop, led by UMaine Extension staff members, includes hands-on, USDA-recommended food preservation methods. Participants will preserve low-sugar strawberry jam and learn basics of hot water bath canning and freezing to preserve pickles, jam and vegetables. Fresh produce, canning jars and other equipment will be provided. Participants should bring a pot holder. Cost is \$20 per person; partial scholarships are available. Register [online](#) by June 19. For more information, or to request a disability accommodation, call 781.6099, 800.287.1471 (toll-free in Maine).

Daily Bulldog Advances Renaissance Concert in Farmington

19 May 2015

The [Daily Bulldog](#) reported the University of Maine singing group Renaissance will perform at 7 p.m. May 19 at Mt. Blue High School in Farmington. Renaissance is a women's auditioned a cappella vocal ensemble that performs a variety of choral music including contemporary pop vocal styles, according to the article.

Haskell Family Mentioned in BDN's Family Ties Column

19 May 2015

The Haskell family, which has had five generations graduate from the University of Maine since it opened its doors in September 1868, was mentioned in the [Bangor Daily News](#) genealogy column "Family Ties." Edwin Haskell was one of the six men in the first-ever graduating class at the university, then called the Maine State College of Agriculture and the Mechanic Arts, in 1872. Haskell's great-great-granddaughter Johanna Haskell was among the graduates at this year's commencement. The column includes information on Edwin Haskell found through [Ancestry.com](#).

Dill Talks About Ticks, Lyme Disease on MPBN's 'Maine Calling'

19 May 2015

Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, was a recent guest on the

Maine Public Broadcasting Network's "Maine Calling" radio program. The show focused on the predicted prevalence of ticks this season and what can be done to prevent bites.

Boston Globe Publishes Excerpt from Schmitt's Book

19 May 2015

The [Boston Globe Magazine](#) printed an excerpt from the book "The President's Salmon," by Catherine Schmitt, communications director for Maine Sea Grant College Program at the University of Maine. Schmitt's book is expected to be released in June.

BDN Publishes Student's Account of Basketball Team's Trip to Italy

19 May 2015

The [Bangor Daily News](#) published "UMaine women's basketball team enjoys breathtaking views in 'City of Love,'" the first in a series of articles by Anna Heise who is writing a blog during the team's trip to Italy. The senior center from Halle, Germany, will provide readers with a student-athlete's perspective on the experience as the team enjoys the history and culture of Italy while playing a handful of games, according to the article. Heise is majoring in journalism with a double minor in child development and family relations and creative writing.

Press Herald Interviews Anderson About Raising Rabbits for Meat

19 May 2015

Gary Anderson, a University of Maine Cooperative Extension professor and animal and bio-sciences specialist, spoke with the [Portland Press Herald](#) for an article about an increase in Maine residents raising rabbits for meat. Anderson said that during the World War II and Depression era, rabbits were frequently eaten in Maine and around the nation. Through the 1990s, rabbit breeders in Maine mostly catered to ethnic markets in Boston and Rhode Island, he said. Increasing interest in raising rabbits for meat prompted UMaine Extension to write a [bulletin](#) that includes instructions on how to dress a rabbit, as well as recipes, according to the article. Anderson says raising rabbits is affordable and relatively easy, and the meat is healthier than beef and chicken, the article states.

Fuller Quoted in BDN Article About Fiddleheads Recipe Book

19 May 2015

David Fuller, an agricultural and non-timber forest products professional with the University of Maine Cooperative Extension, was quoted in a [Bangor Daily News](#) article about "Fiddlemainia: Maine's Organic Edible Fern," a recently published book by Monty Barrett and Lin Diket that includes 125 recipes using fiddleheads. Fuller said fiddleheads have been a part of Maine cuisine for as long as people have lived here. "Fiddleheads herald spring. This is the earliest green, and it's a big part of our culture," he said. The article also included tips by Fuller on how to pick and safely prepare the plant to avoid food-borne illnesses. "You have to remember that this is a wild food, but that's also what is so cool about it," he said.

Vernal Pool Research Featured in Press Herald Report

19 May 2015

The [Portland Press Herald](#) reported on University of Maine vernal pool research being conducted by several doctoral candidates and led by Aram Calhoun, a professor of wetland ecology. UMaine researchers are pursuing several vernal pool studies through a \$1.48 million grant from the National Science Foundation, according to the article. "Amphibians breed in the pool but live in the forest," Calhoun said. "Many other states don't even have a law [to protect vernal pools]. We're lucky to be on the map. But it's only a starting point. We're doing this fleet of research to get a better understanding of land practices." Calhoun hopes the research leads to an enhancement of the 250-foot buffer zone

around vernal pools that are identified by biologists as important, the article states.

Spencer Wood: Entrepreneurial Athlete

20 May 2015

Spencer Wood of Salisbury, New Hampshire graduated in May with a master's degree in human development. He also earned his undergraduate degrees in communications and human development with a minor in peace and reconciliation studies from the University of Maine. Throughout his UMaine career, the student-athlete has been involved in several academic, entrepreneurial and social initiatives including the UMaine student organization Male Athletes Against Violence. As an undergraduate, he played on the UMaine football team while pursuing a double major and minor. Wood has worked closely with the staff at UMaine's Foster Center for Student Innovation who helped him enter and succeed in two local business competitions — the UMaine Business Challenge and the Big Gig. In April, Wood won the latest Big Gig pitch-off finale where finalists from three Big Gig pitch-off events competed for a \$1,500 grand prize. Wood presented the app Tip Whip, which would allow college students to find a ride within a 3-mile radius of their location in order to avoid drunk driving. The Big Gig is a series of business pitch events for entrepreneurs in Greater Bangor designed to bring together area innovators and entrepreneurs and offer networking opportunities. It was started by a partnership between UMaine, Old Town, Orono and Husson University and was supported by Blackstone Accelerates Growth. In 2013, Wood placed second in the UMaine Business Challenge, the state's largest student entrepreneurship competition. He was awarded \$1,000, as well as patent and law consulting for his business, BodyGuard Fitness that offers a comprehensive and demanding full-body workout. "I needed something to keep my body in peak physical condition that I could take on the road and use in the residence halls when I was living on campus," Wood says. Wood was the outreach and professional development officer for the Graduate Student Government this year; a Black Bear Mentor for a local at-risk youth the past four years; the graduate assistant for family relationship professors Sandy Caron and Gary Schilmoeller; and a tenant of the Foster Center for Student Innovation for the past five years. Wood also is a graduate of Foundations, a one-year program that provides students who do not meet the admissions standards for their chosen major an opportunity to adjust to college on an academic contract with a restricted class schedule. He credits the program with allowing him to pursue two majors and a minor while playing a college sport. **Congratulations on winning the Big Gig. Why did you participate?** At this stage in my [app] startup, every dollar and connection counts. I wanted to challenge myself to create a winning pitch and meet others in my shoes. **Can you describe your ride-sharing app?** Tip Whip is a free ride-sharing service for college students. We do not put a price tag on a student's decision to stay safe. The app connects our students, community and school with each other so we can help one another stay safe. Tip Whip is unique because we don't charge. Our sole mission is to reduce the consequences of college drinking while improving the student experience. I formally established Tip Whip LLC in December 2014. Since then we have safely transported over 6,000 UMaine students. **Why did you join Male Athletes Against Violence and how have you been involved with the group?** I have been involved with MAAV for four years. I coordinated and taught the course for three of those years. I got involved for personal reasons. My sister's college roommate was dating a football player that I naturally looked up to as an aspiring college athlete myself. He assaulted her and threatened my sister's life. I wanted to be a positive role model for our youth and community. People need to know there are male athletes who are working everyday to create a stronger community. **What was Foundations like and how did it help you academically?** Foundations was the first time someone told me it was OK to not have a focus. They allowed me to dabble in a lot of different classes. By the end of my freshman year, I had already compiled enough classes to have minors in communication and human development. I never looked back. I received bachelor degrees in both and compiled a minor in peace and reconciliation studies because I wasn't locked into something specific. Not many people can say they double majored/minor while playing a college sport; I credit that to the Foundations program. **Any updates on the BodyGuard fitness system since placing in the UMaine Business Challenge?** The BodyGuard is nearly complete and ready for the open market. After five different prototypes, a million meetings, and some prize money later, the BodyGuard is set to be completed by May 14. The final product is better than I expected, does more than I expected, and looks awesome; I can't wait to start using it. I plan on being the Jared of Subway for the BodyGuard. I want create a college-priced diet plan so a majority of people can afford it. I also will create the workout routine and possibly a reality show type feel as I document my progression over the course of a month. **How has the Foster Center helped you throughout your time at UMaine?** The Foster Center is a hidden gem on this campus. Without the Foster Center, none of this would have ever happened. Both businesses would have remained cool ideas, and that is as far as they would have went. I have a deep love and respect for that facility and the faculty that run it. I could write a book about the

connections, guidance, support and opportunities they have given me; you will just have to take my word for it. The Foster Center for Student Innovation is my favorite place on campus. **Have you worked closely with a professor or mentor who made your UMaine experience better?** I have many. Sandy Caron has been my adviser since sophomore year and my UMaine mother. Without her, I would have procrastinated my time away. She taught me a lot about my work ethic and drive to get things done. Robert Milardo, “Bob” said I didn’t belong in graduate school during my first year there. Needless to say, he was responsible for lighting a fire underneath me to do better. I email, talk and visit with Bob weekly. He is responsible for my determination to produce top-quality work. Jesse Moriarity at the Foster Center is the most connected person I know — period, end of story. She scheduled meetings with people I should have never had access to, persuaded me to get an office at the Innovation Center, compete in the Big Gig, and made me realize I could run my own business. Jesse is responsible for my confidence in the business world. **What difference has UMaine made in your life and in helping you reach your goals?** UMaine allowed me to turn my goals into a reality. We may not have a city full of bars and nightlife opportunities up here in Orono, but we have a community of people that will give you the shirt off their backs. This school made me focus on myself rather than where I was going out Thursday night. The people and community here taught me a lot. **What are your plans for after graduation?** Closing a Tip Whip technology license deal with UMaine for next fall. I will also be traveling around New England compiling other schools, as well. There is no reason why the Tip Whip shouldn’t be at a majority of New England colleges and universities. I will also be working on selling the rights to the BodyGuard to a [fitness] company. **Any final thoughts?** Treat people the way you want to be treated ... or better. I also live by a couple quotes: “Keep it simple” — my family’s motto; “If you can’t explain it simply, you don’t understand it well enough” — Einstein; and “You miss 100 percent of the shots you don’t take” — Wayne Gretzky.

Volunteers Sought for Black Bear Marathon, Media Report

20 May 2015

[The Maine Edge](#) and [The Weekly](#) published a University of Maine news release announcing organizers of UMaine’s inaugural Black Bear Marathon, Half Marathon and 10K are seeking volunteers to assist on race day and at packet pickup, as well as host cheer stations along the route. The races begin at 7:30 a.m. Sunday, June 21 and will start and finish on the UMaine track located at the Harold Alfond Stadium. A race expo and packet pickup will be held from 10 a.m. to 6 p.m. Saturday, June 20 at the New Balance Field House. Those interested in volunteering for the race at packet pickup or on the course can register [online](#). Race organizers also are recruiting cheer squads for the course and will supply noisemakers and poster board for any group interested in encouraging the runners. To be listed as an official race cheer station, contact race director Lauri Sidelko at sidelko@maine.edu or 581.1423.

UMaine Cooperative Extension Tick ID Lab Cited in BDN Article on Powassan Virus

20 May 2015

The University of Maine Cooperative Extension’s Tick ID Lab was mentioned in the [Bangor Daily News](#) article, “How many Maine ticks carry Powassan? We’re one step closer to finding out.” The article focused on a Maine Medical Center Research Institute study that will conduct a statewide survey for Powassan virus, which is transmitted by ticks. More state labs are working to test for the virus, according to the article. UMaine Extension’s Tick ID Lab will soon be equipped, after being awarded funding through a referendum last fall, the article states.

Bilodeau Quoted in Press Herald Article on Biobased Materials from Trees

20 May 2015

Mike Bilodeau, director of the University of Maine’s Process Development Center, was quoted in a [Portland Press Herald](#) article about an event hosted by E2Tech, an organization that supports Maine’s environmental, energy and clean technology sectors. The event also served as an introduction to Biobased Maine, a reimagined organization supporting efforts to encourage research and development in new technologies that enable manufacturers to turn trees into biobased fuels, chemicals and advanced materials, according to the article. Bilodeau said three factors are driving renewed interest in biobased materials: new technologies that have lowered the cost of the manufacturing processes; novel

applications for the materials; and shifting national priorities that have made available more federal funding, the article states. He said the research and development at the center will help paper mills diversify and find new products to help them remain relevant.

Camire Featured in HuffPost Live Video on Trans Fats

20 May 2015

Mary Ellen Camire, University of Maine professor of food science and human nutrition and president of the Institute of Food Technologists, was a featured guest in the [HuffPost Live](#) video “What’s behind the government’s ban on trans fats?” A coming court ruling could mean the end of most trans fats, according to the video, but some members of the food industry warn of potential consequences. “The functionality is probably the biggest point. It’s more about the texture you get and not so much about the flavor,” Camire said of the benefits of using trans fats. She said the alternative would be going back to using foods such as lard. “We really don’t have a lot of options. It’s either go to more saturated fats or work with fats that are more likely to get rancid,” she said.

Regional Top Gun Pitch Competition May 26

21 May 2015

The 2015 Top Gun Regional Pitch Competition and Product Showcase will take place 5:30 p.m. May 26 at the University of Maine Foster Center for Student Innovation. At least two regional entrepreneurs will be selected by a panel of judges to compete in the statewide Top Gun Showcase in June where they will pitch for a chance to win \$10,000. Participants include Ass Over Teakettle of Skowhegan, Tip Whip of Orono, RockStep Solutions of Bar Harbor, Coursestorm of Orono, L&K Manufacturing of Orono, Zeomatrix of Orono and Whoopie Pie Cafe of Bangor. The Top Gun entrepreneurship accelerator is a five-month program that engages entrepreneurs in growing their businesses. Top Gun combines education, mentoring, pitch-coaching and networking opportunities. The program is a partnership of the Maine Center for Entrepreneurial Development, Maine Technology Institute, Blackstone Accelerates Growth and the University of Maine. UMaine organizes and hosts a Bangor region class and has also developed curriculum to support the statewide program. Registration for the regional competition is online.

UMMA Cited in Boston Globe Summer Arts Preview

21 May 2015

The University of Maine Museum of Art was mentioned in the [Boston Globe’s](#) arts preview, “Critics’ picks for the summer.” The article cited a Portland Museum of Art exhibition that runs from May 21 to September 20. “Directors’ Cut: Selections from the Maine Art Museum Trail,” will present highlights of Maine’s art history from the state’s most-renowned museums, including UMMA, Bates College, Bowdoin College, Colby College, the Farnsworth Art Museum, the Monhegan Museum of Art and History, the Ogunquit Museum of American Art and the Portland Museum of Art.

UMaine Mentioned in Smithsonian Science News Report on Whale Study

21 May 2015

The University of Maine was mentioned in the Smithsonian Science News article “New study may help free whales from fishing rope entanglement.” The report cited a study published in the journal Marine Mammal Science that could help save many whales. Using vertebrae and muscle measurements from whale skeletons in museums and research facilities, a team of marine biologists created a chart estimating the maximum pulling force that different whale species can create with their tail flukes, according to the article. Knowing the values could aid in designing fishing rope that whales can break or nets with built-in weak links that come apart when a whale becomes entangled, the article states. William McLellan, a marine mammal expert at the University of North Carolina Wilmington, conducted the work with other researchers from the University of North Carolina Wilmington, as well as from UMaine, the Smithsonian’s National Museum of Natural History and New River Kinematics. Becky Woodward, a research assistant professor of mechanical engineering at UMaine, is a co-author of the study.

UMaine Researchers Help Forge Planktonic Frontier

21 May 2015

University of Maine oceanographers are part of a collaborative international team studying the microscopic world of plankton. During expeditions from 2009 to 2013 aboard *Tara*, researchers collected 35,000 samples from the world's oceans. Data generated from the samples are providing unprecedented resources — including a catalog of several million new genes — expected to transform how oceans are studied and establish a global-scale baseline to evaluate the impact of climate changes on oceanic ecosystems. In five articles in a special issue of *Science* to be published May 22, the interdisciplinary team maps the biodiversity of a range of planktonic organisms, exploring their interactions and how they impact and are affected by their environment, primarily temperature. “The resources we’ve generated will allow us and others to delve even deeper, and finally begin to really understand the workings of this invisible world,” says Chris Bowler from the Centre National de la Recherche Scientifique (CNRS). “The finding that temperature shapes which species are present, for instance, is especially relevant in the context of climate change, but to some extent this is just the beginning,” says Bowler. *Tara* is a 118-foot-long, 33-foot-wide, 120-ton research vessel operated by *Tara* Expeditions Foundation. Scientists from around the world collect samples from the Earth's oceans to understand climate change and to explain it simply. “To act in ecology we shall have to relinquish our individualist world. It is the key. This is what we attempted and accomplished on *Tara*. A team's work at the service of the planet,” says *Tara* Foundation President Etienne Bourgois on the website. UMaine oceanographers Emmanuel Boss and Lee Karp-Boss are part of the science team and participated in six expedition legs. UMaine doctoral student Alison Chase took part in a four-week research venture from France to Norway during the summer 2013 *Tara* Oceans Polar Circle expedition. Also, Ivona Cetinic, research associate at the University of Maine Darling Marine Center, participated in the *Tara* Oceans Polar Circle expedition. And Tom Leeuw, who earned a master's degree in oceanography at UMaine in 2014, took part in month-long projects aboard *Tara* in both the Polar Circle and Mediterranean. Collaboration, say Boss, Karp-Boss and Chase, is one of several reasons why they relish taking part in the research aboard *Tara* and contributing to science. Boss was chief scientist during two legs aboard *Tara* — in December 2011–January 2012 from Panama City, Florida to Savannah, Georgia and in 2013 in the Western Arctic. In 2014, he conducted research in the Mediterranean Sea during a voyage from Cyprus to Malta. His lab installed a system aboard *Tara* that collected optical data about ocean particles from 2009 to 2013. Karp-Boss served as chief scientist on voyages from Chile to Easter Island in 2011, from New York to Bermuda in 2012 (she spoke with United Nations Secretary-General Ban Ki-moon prior to the trip), and in the Siberian Arctic in 2013. Boss and Karp-Boss brought NASA to the project, earning a grant to collect biogeochemical information. They examined ocean color, composition and pigments of surface particles, including plankton, in relation to optical properties — light absorption, attenuation, fluorescence and backscattering. NASA uses the information to develop algorithms for, and verify data from, satellites that observe the same water. Karp-Boss says she values meeting and working with international colleagues who have expertise in other disciplines. The articles published May 22 are the result of the hard work of different teams and just scratch the surface of the rich data set, she says. Boss says he appreciates *Tara*'s emphasis on raising awareness about environmental issues and the opportunity he and other scientists have to interact with schoolchildren who board the vessel at each port. Aboard *Tara*, an ecosystems biology approach is used. Researchers systematically sample the world's oceans across all domains of life, from viruses to animals, and collect a rich variety of environmental information. Ocean plankton — microscopic beings that drift on the upper layer of the oceans — are as crucial to life on Earth as the rainforest ecosystem, say researchers. Ocean plankton produce half of the planet's oxygen, absorb and store carbon, influence the weather and are the base of the ocean food web that sustains the larger fish and marine mammals. “Beyond the cutting-edge science that was developed thanks to our collaborative work with the *Tara* Expeditions Foundation, this adventure is also about showing people all over the world how important the ocean is for our own well-being,” says Eric Karsenti, director of *Tara* Oceans, from the European Molecular Biology Laboratory (EMBL) and CNRS. *What's in the plankton?* Scientists captured viruses, microbes and microscopic eukaryotes — organisms with complex cells, from single-cell algae to fish larvae — from major oceanic regions and compiled the genetic material into comprehensive resources now available to the scientific community for additional study. “This is the largest DNA sequencing effort ever done for ocean science: analyses revealed around 40 million genes, the vast majority of which are new to science, thus hinting towards a much broader biodiversity of plankton than previously known,” says Patrick Wincker from Genoscope, CEA. EMBL's high-performance computing was essential in compiling the comprehensive catalog, estimated to be derived from more than 35,000 different species whose genomic content had previously been mostly unknown to scientists. “In terms of eukaryotes, we sequenced

nearly a billion genetic barcodes and found that there is a greater variety of single-cell eukaryotes in plankton than was thought,” says Colomban de Vargas from CNRS. “They appear to be much more diverse than bacteria or animals, and most belong to little-known groups.” *How do planktonic organisms interact?* Researchers used novel computer models to predict how diverse planktonic organisms interact. Predictions were confirmed via selective microscopy observations. “When we mapped how planktonic organisms — from viruses to small animal larvae — interact with each other, we discovered that most of those interactions are parasitic, recycling nutrients back down the food chain,” says Jeroen Raes from VIB, KU Leuven and Vrije Universiteit Brussel. This map is a first step toward a better understanding of the dynamics and structure of the global marine ecosystem. *Are planktonic organisms distributed evenly in the oceans?* In addition, scientists studied how environmental factors — including temperature, pH, and nutrients — influence microscopic organisms floating in the ocean. “We found that, at depths still reached by sunlight, temperature was the main factor that influences the composition of prokaryotes (bacteria and archaea) communities,” says Peer Bork from EMBL. “Different sets of organisms come together depending on the water temperature.” Chase conducted data analyses that supported scientists who showed the Agulhas “rings” — a natural barrier that draws the line between the Indian Ocean and the South Atlantic — separate plankton communities. “It’s like plankton goes through a cold wash cycle at the tip of South Africa,” says Daniele Iudicone from Stazione Zoologica Anton Dohrn. “The current forms huge swirls that drastically mix and cool the plankton riding it, thus limiting the number of species that manage to cross.” Chase, from Canterbury, New Hampshire, was a UMaine graduate student during the 2013 *Tara* Oceans Polar Circle expedition. She says operating instruments below deck in the dry lab helped build her confidence as a researcher in the field. “I like the international collaborative component,” says Chase, who expects to earn her Ph.D. in oceanography in 2017. “We’re all a part of something bigger and contributing to a broader understanding of the planet we live on and to the momentum and effort of sustaining our life here.” Matthew Sullivan from the University of Arizona says, “In addition, we now also have a global picture of marine virus communities, which allows us to confirm an idea that had been proposed a decade ago, but never proven. Viruses are produced in local ‘seed banks’ and then ride the ocean currents, so you end up with different cocktails of viruses in different places, even though the overall diversity of viruses in the oceans appears quite limited.” Understanding the distribution and interactions of the plankton across the oceans will be useful for predictive models necessary to study climate change, the scientists say. Contact: Beth Staples, 207.581.3777

UMMA Celebrates 150th with Exhibition that Features Artists with Connection to State

21 May 2015

The University of Maine Museum of Art will celebrate the university’s 150th anniversary with an exhibit that features work by internationally recognized artists with strong connections to Maine who have contributed to the state’s artistic history. “With Ties to Maine” will run from June 19 to September 19 and will showcase more than 20 pieces from the museum’s permanent collection in a wide range of media in primarily 2-D forms such as paintings and photos. A few of the works have belonged to the university since 1948, two years after the collection was founded. The exhibition will display pieces created by artists including John Marin, Andrew Wyeth, Alex Katz, Berenice Abbott and Neil Welliver who spent significant time in Maine and were inspired by its natural beauty and unique sense of place. “With Ties to Maine” reflects UMaine’s long history of collecting while sharing the university’s cultural resources with Maine residents and visitors, says George Kinghorn, the museum’s director and curator. “Maine has such a rich, artistic history,” Kinghorn says. “The museum is delighted to share works by artists who have put Maine on the map internationally.” Throughout history, Maine has been a destination of creativity for artists who seek refuge in the state for its distinct landscape and lack of outside distractions that allow for contemplative reflection, Kinghorn says, citing Marin and Abbott who set up studios in Maine. The exhibition also recognizes the support of museum donors throughout the years, such as philanthropists and Bangor residents Adeline and Caroline Wing. The sisters provided some of the museum’s earliest gifts, including “On Bar Island,” a 1946 watercolor by Wyeth gifted to the museum in 1948, which will be included in the show. Marin’s “A Bit of Cape Split, Maine,” a 1940 watercolor on paper donated by Norma and John C. Marin Jr. in 1957, also will be displayed. Cape Split is located along Maine’s coast in Washington County where Marin had a studio with ocean views, according to Kinghorn. For photography, works by Abbott, who Kinghorn calls one of the most important photographers of the 20th century, will be on display. Abbott’s photographs documented the rapidly changing architecture of New York City in the 1930s. When Abbott moved to the rural Blanchard, Maine in the 1960s, she began taking photos of Maine’s people, sights and industries Kinghorn says. Art by contemporary artists, such as Katz and Welliver, who have considered Maine home either full or part time will be

included. UMaine's growing permanent collection contains more than 3,800 pieces that include realism, pop art, abstract expressionism and cubism, with a concentration in original prints and photography. The collection features artwork created since 1900 with an emphasis on contemporary art (1945–present). The university's art collection was established in 1946 by founding museum director and UMaine art professor Vincent Hartgen. The collection became a museum in the 1980s and has been located in downtown Bangor for more than a decade, extending UMaine's reach and service to the community in keeping with the land grant mission of the university, Kinghorn says, adding the collection belongs to Maine residents. Art from the museum's permanent collection — Abbott's New York City and Maine photos — will be included in a Portland Museum of Art exhibition that runs from May 21 to September 20. "Directors' Cut: Selections from the Maine Art Museum Trail," will present highlights of Maine's art history from the state's most-renowned museums. More about Directors' Cut is on the PMA [website](#). The University of Maine Museum of Art is open to the public 10 a.m. to 5 p.m. Monday through Saturday. Free admission to the museum throughout 2015 is made possible by Penobscot Financial Advisors. More information about the museum is [online](#). Contact: Elyse Kahl, 207.581.3747

Visiting Professor to Explore Passive House Research at UMaine Composites Center

22 May 2015

Juana Domenech Subiran from La Rioja, Spain has joined the University of Maine's Advanced Structures and Composites Center for summer 2015. Subiran holds a Ph.D. in industrial engineering from Universidad del Pais Vasco (University of the Basque Country). Her current research interest is centered around passive houses. The passive house building standards aim to reduce energy consumption by 60–80 percent through improved materials and modified construction methods, according to the U.S. Passive House Institute. Subiran will work with UMaine's Roberto Lopez-Anido, a professor of civil engineering. The UMaine Composites Center is supporting Subiran's research with aspects aligned with the center's core expertise including the use of engineered wood products, thermoplastic composites, fiber reinforcement, hybrid materials, material durability, joining methods and test methods. The research aims to increase building construction efficiency and reduce overall energy costs for homeowners. More information about passive house practices is on the U.S. Passive House Institute's [website](#).

Celebrate the Sea at Roosevelt Campobello International Park

22 May 2015

Roosevelt Campobello International Park and the Downeast Fisheries Trail invite the public to "Celebrate the Sea" at a June 1 dedication of eight new interpretive panels installed at Roosevelt Campobello International Park. The displays describe life and the sea that surround Campobello Island and the lives of the people who have lived, worked and played on Passamaquoddy Bay. An interpretive deck with seven panels erected at Friar's Bay Beach illustrates the ecology of Passamaquoddy Bay, the Roosevelt family's love of the sea, regional tribal heritage, the fisheries and aquaculture way of life, the Downeast Fisheries Trail and opportunities for research and education around the Bay. At Mulholland Light, another panel celebrates the life and service of Angus Newman, the light's last keeper. The event is free and open to the public. The program begins at 1 p.m. (2 p.m. Atlantic Standard Time) and includes a ribbon-cutting ceremony, traditional music of Maine and New Brunswick by From Away Downeast, readings by Maine poets and lighthouse stories. Roosevelt Campobello International Park is on Campobello Island, New Brunswick, Canada, just across the international border from Lubec at the easternmost tip of Maine. The park's focal points are the Franklin D. Roosevelt summer cottage and the surrounding 2,800-acre natural area. The Downeast Fisheries Trail celebrates the fisheries heritage, past and present, of eastern Maine. It is coordinated by the Maine Sea Grant College Program at the University of Maine. More information on the Downeast Fisheries Trail is [online](#). For directions to Campobello, visit the park's [website](#). Passports are required to cross the international border.

WLBZ Cites Bee Population Tips from UMaine Extension, Grad Student

22 May 2015

WLBZ (Channel 2) spoke with Eric Venturini, a graduate student at the University of Maine who works for Johnny's

Selected Seeds, for the report “Easy ways to boost bee populations.” “They need food the entire season. And what you want to do as a grower is make sure you are providing that if you’re trying to manage and maintain a healthy population of wild pollinators,” Venturini said. The report also cited advice from the University of Maine Cooperative Extension that states you should plant colorful flowers to attract bees, avoid using chemicals in the garden or field, build nesting houses, let dandelions grow in the spring, and mow at night when bees are less active.

Judd to Speak in Alfred as Part of Series, Fosters.com Reports

22 May 2015

[Fosters.com](#) reported University of Maine historian Richard Judd will speak as part of a series in Alfred sponsored by The Friends of Alfred Shaker Museum and the Sanford-Springvale Historical Society. The Sid Emery Memorial Forum series will take place on four Sunday afternoons during the tourist season. On Oct. 4, Judd will discuss the newly published “Historical Atlas of Maine.” The atlas is a geographical and historical interpretation of the state, from the end of the last ice age to 2000. It culminates a 15-year scholarly project led by UMaine researchers. Judd and UMaine geographer Stephen Hornsby edited the book that contains cartography by Michael Hermann. Judd specializes in environmental history and edits the Maine Historical Society’s quarterly journal, according to the article.

Media Preview Clean Sweep Sale

22 May 2015

WABI (Channel 5) and WVII (Channel 7) advanced the annual Clean Sweep Sale that takes place 11 a.m.–6 p.m. Friday, May 22 and 8 a.m.–2 p.m. Saturday, May 23 in York Commons. Furniture, rugs, electronics, appliances, housewares, books, bedding, shoes and clothing will be among the items for sale. Items were donated by the university or students who moved out of the dorms at the end of the semester. “We set up drop locations at each of the residence halls on campus so that they can just leave things right there without having to carry them somewhere and we explain what we’re doing with it,” Lisa Morin, coordinator of UMaine’s Bodwell Center for Service and Volunteerism, told WABI. “All the money that’s raised through this sale is used to buy food that goes into our own campus food pantry or to buy supplies for the service projects our students are going to be completing for our welcome weekend when they come back in August.”

UMaine's College of Education Ranked 73rd by U.S. News and World Report

26 May 2015

The University of Maine's College of Education and Human Development is ranked 73rd in the nation for all Education Schools in 2015 by *U.S. News and World Report*. With more than 40 graduate degree programs and seven graduate certificate programs, the College of Education and Human Development offers professional development, and advanced education and training in a variety of modes. UMaine education graduate students choose from diverse course offerings and specializations in classes on campus and online. UMaine education graduate students also have the opportunity to not only acquire knowledge, but also create it. At the state's research university, UMaine graduate students collaborate with world-renown experts on vital education issues such as autism, poverty, bullying, literacy, leadership, diversity and STEM education.

UMaine Extension Offers Free Tick Identification Service

26 May 2015

University of Maine Cooperative Extension offers a free tick identification service for Maine residents. The announcement of the service is timely: May is Lyme Disease Awareness Month and ticks are being reported statewide. In fact, the tick population in Maine has been steadily increasing since the late 1980s, along with the emergence of tick-borne diseases. In addition to tick identification, UMaine Extension resources include information on the biology and management of 14 tick species in Maine, tick submission instructions, tick removal guidelines, a tick photo gallery, and links to information on tick-borne diseases transmitted in Maine. More information, including how to submit a tick for

identification, is available [online](#) or by calling UMaine Extension at 581.3880.

Social Work Grad Student Writes Op-Ed for BDN

26 May 2015

Roy Ulrickson III, a graduate student in his final year of the University of Maine's Master of Social Work program, wrote an opinion piece for the [Bangor Daily News](#) titled "Infrastructure to education: Ingredients for rural Maine's economic resurgence." Ulrickson of Dexter is a former member of the Dexter Planning Board.

Brewer Quoted in Kennebec Journal Article on U.S. Rep. Bruce Poliquin

26 May 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Kennebec Journal](#) article "Maine's Poliquin draws rave reviews, big donations for role on financial committee." U.S. Rep. Bruce Poliquin is only the eighth Maine politician to sit on the House Financial Services Committee, which regulates real estate, banks and other sectors, according to the article. Brewer said the assignment could make Poliquin more vulnerable to attacks from Democrats. "I'll make that trade," Brewer said, adding it gives Poliquin a platform to "spout pretty standard and pretty popular Republican lines" on regulation.

UMaine Students Quoted in BDN Article on Maine Veteran Groups

26 May 2015

Veterans and University of Maine students Ashley Wilson and Joseph Miller were quoted in a [Bangor Daily News](#) article about decreasing membership of veteran groups in Maine. Wilson, who retired from the Navy in January 2012 after eight years and two tours in Iraq, is a member of the Veterans of Foreign Wars Post No. 3381 in Old Town. "Everyone has the same mindset," she said. "You have that common ground and that common ground connects you." Retired Army Ranger Joseph Miller, who served three tours in Iraq, said he sees the value of joining a military club for the camaraderie, but hasn't found one that fits his needs. "It takes you a few years to realize you need a community," Miller said. "When we get out we're thinking education, getting a job." The article also mentioned a recent UMaine talk by Dr. Jonathan Shay, a psychiatrist who specializes in treating combat veterans. Shay, who was the keynote speaker at the Maine Military and Community Network's conference, said community plays a huge role in a successful homecoming. The [Sun Journal](#) also published the BDN article.

Jemison Offers Memorial Day Weekend Gardening Tips on WVII

26 May 2015

John Jemison, a soil and water quality specialist with the University of Maine Cooperative Extension, gave early season gardening advice on WVII (Channel 7) over Memorial Day weekend. Jemison warned it may still be too soon for some crops. "The first thing that I would say that you don't want to do is to try and go out and buy some transplants like tomatoes or peppers at this time of the year, bring them right out of the greenhouses and try to think you're going to go put them in the ground. That's going to be bad," Jemison said, adding while some plants can withstand cooler temperatures, others may not bounce back from a cold night. He said plants such as carrots, leafy greens and anything from seed could probably be planted now.

Glover Writes BDN Article on Ways to Keep College Grads in Bangor Area

26 May 2015

Rob Glover, an assistant professor of Honors and political science at the University of Maine, wrote an article for the [Bangor Daily News](#) titled "5 ways to keep recent college grads in the Bangor area." The article cited research conducted by Glover's students Cameron Huston, Sarah Nicols, Spencer Warmuth and Gareth Warr. The students worked in

collaboration with the city of Bangor and city councilors to determine what makes recent UMaine graduates settle within the Bangor area. Glover says the city could help retain more college graduates by growing opportunities for internship and work experience; coordinating events and programming to get students to Bangor; marketing the downtown area; providing quality affordable housing; and supporting quality public school systems. The full study is [online](#).

UMaine Extension Offering Free Tick ID Service, Media Report

26 May 2015

WABI (Channel 5), the [Bangor Daily News](#), [Sun Journal](#), [Daily Bulldog](#) and [The Maine Edge](#) reported the University of Maine Cooperative Extension is offering a free tick identification service. Maine's tick population has been growing steadily since the late 1980s, along with tick-borne diseases such as Lyme disease, according to the reports. UMaine Extension also provides information on tick removal and a photo gallery. Information on how to get a tick identified is available [online](#) or by calling 581.3880.

WLBZ Covers Forestry Summer Camp in Acadia National Park

26 May 2015

Bill Green of WLBZ (Channel 2) reported on the University of Maine School of Forest Resources' three-week forestry summer camp. As part of the course, students used skyline logging in Acadia National Park to improve the views from scenic vistas along Park Loop Road. Skyline logging is a West Coast technique that involves stringing a cable down into a wooded section. Each tree that is cut is attached to the cable and brought up the hillside doing minimum damage to the forest floor, according to the report. "We're not coming in and just removing trees. We're doing it systematically. We're thinking about everything around," said Louis Morin, a forest resources instructor overseeing the students on the project. [Mount Desert Islander](#) also published a report on the project.

Mentoring, Advanced Preparation Program Receives \$250,000, WABI Reports

26 May 2015

WABI (Channel 5) reported the U.S. Department of Education has selected the University of Maine to receive \$250,000 in funding for The Mentoring and Advanced Preparation for Maine's Early Intervention Scholars (MAPME) program. U.S. Sens. Susan Collins and Angus King announced the award in a press release. The program will help Maine increase the number of highly qualified personnel prepared to meet the needs of young children and their families, particularly those with a high need, according to the release. "Early childhood education gives children across Maine the building blocks they need for a strong start in life. This important funding will help to ensure that our education professionals have the tools and training required to meet the needs of all students, particularly those who face unique educational challenges," the senators said in a joint statement. The grant funding will allow UMaine to recruit and retain 54 scholars representing the diversity of Maine's population, as well as implement a high-quality graduate study in early childhood special education by May 2020, according to WABI. The full release is [online](#).

UMaine Has Most Accepted Papers at the Upcoming 12th International Conference on Spatial Information Theory

27 May 2015

The 12th International Conference on Spatial Information Theory (COSIT) in October in Santa Fe, New Mexico, will have strong participation of University of Maine researchers in the School of Computing and Information Science. [COSIT](#) is a biennial meeting focusing on recent, innovative and significant contributions in spatial information theory. Full 20-page manuscripts were reviewed by four COSIT program committee members. Based on their assessment, 22 submissions were selected for presentation at the conference and publication in the proceedings as a volume in Springer's Lecture Notes in Computer Science. In the highly competitive paper selection process, it is a great accomplishment that UMaine researchers were successful with four submissions. With four lead-authored papers,

UMaine is the top institution with the most accepted papers at this year's COSIT. Christopher Dorr, Longin Latecki and Reinhard Moratz Shape similarity based on the qualitative spatial reasoning calculus eOPRA Matthew Dube, Jordan Barrett and Max Egenhofer From Metric to Topology: Determining Relations in Discrete Space Matthew Dube, Max Egenhofer, Joshua Lewis, Shirly Stephen and Mark Plummer Swiss Canton Regions: A Model for Complex Objects in Geographic Partitions Torsten Hahmann and Lynn Usery What is in a Contour Map? A Region-based Logical Formalization of Contour Semantics These accepted papers involve five graduate students in Spatial Information Science and Engineering — Chris Dorr, Matt Dube, Joshua Lewis, Mark Plummer and Shirly Stephen. A third student author, Jordan Barrett, now at Syracuse University, was an Upward Bound student at UMaine in summers from 2012–14, mentored by Matt Dube. Barrett's project is the result of his work during summer 2014.

Workforce Development: Interns to Full-Time Employees at Pika Energy

27 May 2015

Pika Energy in Westbrook, Maine, focuses on wind and solar energy technology, including scalable options for homeowners and small businesses. Ben Polito, president of Pika Energy, talked about his company's interest with UMaine: **How long have you worked with the University of Maine?** We have been involved with UMaine through the Innovate for Maine Fellows program. We have had interns each summer since the start of the program, and we have hired two of them so far for full-time positions, with a third starting this summer. We build highly technical products that require specific skills, and the intern program is a great way to get to know innovative young people and learn if there is a fit. **Are you able to provide an example or two on your experience?** Our intern from the first year, Tony Nuzzo, was an engineering student from Orono, and he had great hands-on experience that helped him to get up to speed quickly. When he graduated, we offered him a full-time job and now he is leading our Quality/Customer Experience Department.

President Hunter to Stay at Post an Extra Year

27 May 2015

Chancellor James H. Page and the University of Maine System Board of Trustees have asked University of Maine President Susan J. Hunter to extend her tenure for an additional year, through June 30, 2017. President Hunter has graciously agreed to do so. "President Hunter and her leadership team are doing important work on and off campus," said Chancellor Page. "The UMaine community and stakeholders will benefit from her continued leadership, and the continuity she and her team provide. Her experience and leadership are critical as we work through the significant System changes now underway, especially as these changes will require substantial integration with the flagship and across all campuses." This one-year extension is strongly endorsed by the UMaine Board of Visitors as well as other internal and external constituencies. "I look forward to a third year of leading Maine's flagship university, championing the mission of the state's research university to constituents statewide and beyond," said President Hunter. "I've had the distinct honor of serving as president during the 150th anniversary year of UMaine's founding as the state's land grant university. It will be a privilege to serve as president in the first year of UMaine's next era of leadership in teaching, research and community engagement." Contact: Margaret Nagle, 207.581.3745

Maine Summer Transportation Institute Accepting Applications

27 May 2015

The University of Maine is accepting applications for the Maine Summer Transportation Institute. The free program for area middle school students will run from 9 a.m. to 4 p.m. July 6–17. It is designed to introduce students at an early age to careers in engineering and Maine's transportation industry. About 20 accepted students will participate in field trips, leadership activities and workshops with hands-on laboratory experiences on topics including safety, air-flight simulation, biofuels, wind energy, construction materials and computer-aided design. The majority of the activities will take place at the Foster Center for Student Innovation, engineering labs and various off-campus locations. Students also will participate in recreational activities at the New Balance Student Recreation Center. More information and application forms are [online](#). Application and required documents can be mailed to: MSTI, Dean's Office, College of

Engineering, 213 AMC Building, University of Maine, Orono 04469. Application deadline is May 31.

UMaine to Host Annual Six-Day Leadership Training Program for Women

27 May 2015

The University of Maine will host an annual six-day undergraduate student leadership training program for women that aims to educate and empower young leaders. Maine NEW (National Education for Women) Leadership runs from Thursday, May 28 through Tuesday, June 2 at the Orono campus with trips to Augusta and Skowhegan. A diverse group of 28 students with a variety of majors and interests from 15 institutions around the state, including all of the University of Maine System campuses, will take part in the seventh annual residential conference that aims to strengthen political skills and build confidence. Throughout the free conference, students will participate in workshops hosted by women leaders from politics, business and education. They will learn skills including public speaking, networking and how to advocate for a cause and run for public office. As part of the program, students will develop political action projects on the debate over vaccine choice in the state with guidance from Carol Kim, vice president for research and dean of the graduate school at UMaine; Jennifer O'Leary, special assistant to the vice president for innovation and economic development and business and government relations liaison; Ginger Taylor from the Maine Coalition for Vaccine Choice; and other experts in public policy and research. On June 1, participants will tour the State House in Augusta and the Margaret Chase Smith Library in Skowhegan. While in Augusta, the students will be addressed by Attorney General Janet Mills; Muriel Mosher, president of Maine Manufacturing Extension Partnership in Augusta; and Cary Olson-Cartwright, director of community relations at Unum, a workplace insurance provider in Portland, Maine and a sponsor of this year's Maine NEW Leadership. Maine NEW Leadership is offered by the Margaret Chase Smith Policy Center at UMaine with support from local sponsors. The program was developed to address the under-representation of women in politics and is designed to provide students skills to become the next generation of effective civic and political leaders. More information about Maine NEW Leadership is available [online](#) or by calling Mary Cathcart at 944.1411.

Student Writes Op-Ed for BDN

27 May 2015

Trey Stewart, a third-year student at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled "Thoughtful engagement the key to bridging college town divides." Stewart conducted research this year along with Jacob Hatch, Cameron Marcotte, Jake Posik and Adam Thibodeau in professor Rob Glover's practicum in engaged policy studies class. He was invited to contribute a guest piece for the Maine chapter of the Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications.

Oceanographers Part of International Team Studying Plankton, Maine Edge Reports

27 May 2015

[The Maine Edge](#) published a University of Maine news release announcing UMaine researchers are part of a collaborative international team studying plankton. During expeditions aboard the research vessel Tara, researchers collected 35,000 samples from the world's oceans. Data generated from the samples are providing unprecedented resources — including a catalog of several million new genes — expected to transform how oceans are studied and establish a global-scale baseline to evaluate the impact of climate changes on oceanic ecosystems. In five articles in a special issue of *Science*, the team maps the biodiversity of a range of planktonic organisms, exploring their interactions and how they impact and are affected by their environment, primarily temperature. UMaine oceanographers Emmanuel Boss and Lee Karp-Boss are part of the science team and participated in six expedition legs. UMaine doctoral student Alison Chase; Ivona Cetinic, research associate at the Darling Marine Center; and Tom Leeuw, who earned a master's degree in oceanography at UMaine in 2014, also contributed to the research.

Students Share Preliminary Findings on Lincoln Vernal Pool, BDN Reports

27 May 2015

The [Bangor Daily News](#) reported students from the University of Maine's School of Forest Resources have reported preliminary findings related to a study of suspected wetlands near Lincoln Regional Airport that threatens the town's ability to develop an industrial zone outside of a local paper mill's campus. The town is paying the students about \$1,050 to determine the environmental significance of the vernal pools, according to the article. After reviewing the land in early May, the students reported that many of the areas that town officials feared might be wetlands requiring preservation are insignificant vernal pools, the article states. A final determination on how much of the industrial park is compromised is expected in July.

UMaine Extension Cited in Prevention Article on Tick-Borne Illnesses

27 May 2015

The University of Maine Cooperative Extension was mentioned in a [Prevention](#) magazine article on tick-borne illnesses and what can be done to avoid them. Dr. Daniel A. Kinderlehrer who practices in Boulder, Colorado, suggested using a natural, chemical-free insect repellent that's derived from black pepper plants. According to UMaine Extension, the natural repellent helps keep ticks away for four to eight hours, the article states.

WABI, WVII Cover Top Gun Regional Pitch Competition

27 May 2015

WABI (Channel 5) and WVII (Channel 7) reported on the 2015 Top Gun Regional Pitch Competition and Product Showcase at the University of Maine Foster Center for Student Innovation. Two regional entrepreneurs — Matt James of CourseStorm and Chuck Donnelly of RockStep Solutions — were selected by a panel of judges to compete in the statewide Top Gun Showcase in June where they will pitch for a chance to win \$10,000. The Top Gun entrepreneurship accelerator is a five-month program that engages entrepreneurs in growing their businesses. It combines education, mentoring, pitch-coaching and networking opportunities. "It is all about sort of fast-tracking their growth, and so this is kind of the culmination of all of those months," said Jesse Moriarity, coordinator of the Foster Center. The program is a partnership of the Maine Center for Entrepreneurial Development, Maine Technology Institute, Blackstone Accelerates Growth and UMaine.

President Hunter to Extend Leadership an Extra Year, Media Report

27 May 2015

The Associated Press, [Bangor Daily News](#), [Portland Press Herald](#) and [Maine Public Broadcasting Network](#) reported University of Maine President Susan J. Hunter has agreed to extend her two-year post for an extra year. University of Maine System Chancellor James Page and the system board of trustees requested that she continue her work through June 30, 2017. "President Hunter and her leadership team are doing important work on and off campus," Page said in a notice sent to the UMaine community. "Her experience and leadership are critical as we work through the significant system changes now underway, especially as these changes will require substantial integration with the flagship and across all campuses." Hunter has been serving as president since July 2014 and was inaugurated in March. "I look forward to a third year of leading Maine's flagship university, championing the mission of the state's research university to constituents statewide and beyond," Hunter said. [Seattlepi](#) and [SFGate](#) carried the AP report.

Broadcast of 'Man and Superman' Rescheduled at CCA

28 May 2015

"Man and Superman" will be broadcast on the big screen at 7 p.m. Thursday, June 4, at the Collins Center for the Arts at the University of Maine. Originally scheduled for May 14, technical difficulties forced the postponement of the broadcast of Simon Godwin's reinvention of Bernard Shaw's witty 1903 classic. Academy Award-nominee Ralph Fiennes played Jack Tanner in the sold-out stage production at the Lyttelton Theatre in London. "Man and Superman" is billed as a romantic comedy, an epic fairytale and a fiery philosophical debate that asks fundamental questions about

how we live. Tanner, a celebrated radical thinker and rich bachelor descendant of Don Juan, seems an unlikely choice as guardian to Ann (Indira Varma), an alluring heiress. Despite the love of a poet, Ann decides she will marry and tame Tanner. When Tanner's chauffeur tips him off to Ann's plan, Tanner flees to Spain, where he's captured by bandits and meets The Devil (Tim McMullan). A dream debate of heaven versus hell ensues. When Tanner awakens, Ann is there, as fierce in her certainty as he is in his. Since 2009, NT Live has transmitted the best of British theatre from London to cinemas and venues around the world. The broadcasts are filmed in front of a live audience, with cameras carefully positioned throughout the theatre to ensure cinema audiences get the best-seat-in-the-house view. Productions are transmitted via satellite to the CCA, then projected onto a 40-foot high-definition screen — one of the largest in the state. To date, more than 3.5 million people have experienced the broadcasts. Tickets, which are \$18 for adults and \$8 for students, are available [online](#) or by calling 581.1755, 800.622.TIXX.

The Weekly, Maine Edge Preview Emera Astronomy Center's June Star Shows

28 May 2015

[The Weekly](#) and [The Maine Edge](#) reported on scheduled public star shows in June at the University of Maine's Emera Astronomy Center. The Maynard F. Jordan Planetarium shows are held 7 p.m. Fridays and 2 p.m. Sundays. Friday nights in June feature "Undiscovered Worlds" and Sunday afternoons feature "Little Star that Could," for younger sky watchers. The third week in June will kick off the planetarium's summer schedule with two additional public shows 11 a.m. Tuesdays and Thursdays, according to the reports. Admission to all shows is \$6, and seating is limited.

Bangor Senior Center Partners with Master Gardener Program, Media Report

28 May 2015

WABI (Channel 5) and [The Weekly](#) reported a Bangor senior center's rooftop garden has been selected as one of several University of Maine Cooperative Extension Master Gardener Volunteer projects this season. The Hammond Street Senior Center's garden will receive support from the volunteers through assistance with garden planning, soil preparation, planting, establishment of space-saving structures, harvesting and public education, according to the reports.

Weekly Reports High School Student, Maine EPSCoR Intern Wins Poster Contest

28 May 2015

[The Weekly](#) reported that Andrew Moreira, a senior at Old Town High School, recently earned first place in the High School Poster Competition at the 2015 Maine Sustainability and Water Conference. Moreira's poster, "Recovering Organic Acids from Water Through Extraction and Precipitation," derives from the research he conducted through his Maine EPSCoR (Experimental Program to Stimulate Competitive Research) internship with G. Peter van Walsum, a chemical engineering professor at the University of Maine. Maine EPSCoR at UMaine fosters research and development in STEM disciplines in underrepresented and underserved states, according to the article. It provides Maine high school students with paid, hands-on opportunities to participate in research with UMaine faculty, postdoctoral students and graduate students, the article states.

Press Herald Cites Sorg's Analysis of Maine Drug Deaths in Article on Center's Closure

28 May 2015

A [Portland Press Herald](#) article on the closing of a substance abuse recovery center in Westbrook mentioned an analysis released by the Maine attorney general's office and conducted by Marcella Sorg, a research professor of the Margaret Chase Smith Policy Center at the University of Maine. Mercy Hospital plans to close the center in part because of low reimbursement rates for addiction services, according to the article. The analysis found Maine residents who died of drug overdoses in 2014 hit a record number of 208 — an increase of 18 percent over the previous year. The drugs involved ranged from cocaine to heroin and other opioids, and the number of heroin deaths jumped from 34 to 57 in 2014, the article states.

Dill Quoted in Media Reports on Climate Change Affecting Tick Population

28 May 2015

Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, was quoted in reports by [WMTW](#) (Channel 8 in Portland) and [NECN](#) on climate change affecting the region's tick population. The Natural Resources Council of Maine presented a report by the National Wildlife Federation which states warmer winters "serve as a welcome mat for pests like ticks to expand their range," according to NECN. Dill said climate change helps ticks thrive in Maine because warmer temperatures and heavier rains support tick populations in the summer, and insulating blankets of snow protect them in the winter. He said the concern about ticks is that last year the state had 1,400 cases of Lyme disease, as well as other co-infections and tick-borne pathogens. Dill also was quoted in the [Portland Press Herald](#) article "Lyme disease down so far, but ticks are gearing up for summer." "Those ticks were quite fat and happy under the snow, but they were not going to start coming out until the snow was gone," Dill said. "It's going to pick up pretty quickly. The population looks pretty strong right now."

Sustainability Exhibit Coming to Bangor June 5 as Part of Artwalk

29 May 2015

The University of Maine Office of Sustainability has been selected to be one of the 100 curators nationwide of the Lexicon of Sustainability pop-up shows — art exhibitions designed to spur community dialogue to help strengthen local food systems. The next pop-up show will be hosted June 5 at COESPACE, 48 Columbia St., Bangor. The exhibit will be open at noon, and from 5—9 p.m. as part of the Bangor Artwalk. Collaborating on the exhibit is the Bangor Area Food Council. Members are expected to be on hand to provide information. The Lexicon of Sustainability, founded in 2009 by farmers and filmmakers Douglas Gayeton and Laura Howard-Gayeton, focuses on sharing stories that explain sustainability. Lexicon uses information artworks, pop-up shows, street art, short films series and other formats to educate and engage people to pay closer attention to how they eat, what they buy and where their responsibility begins for creating a healthier, safer food system in America. Nearly 200 leaders in food and farming from across the country have shared their experiences as part of Lexicon of Sustainability. Annually, Lexicon offers 100 artwork sets to curators. UMaine and the other 2015 curators each will organize at least five pop-up art shows that involve local communities, then will act as lending libraries to schools and community groups. At UMaine, the Sustainability Office is collaborating in its shows with the Humanities Center and the Innovative Media Research and Commercialization (IMRC) Center.

Maine Community Foundation Blog Posts Commencement Photo of President Hunter, Salutatorian

29 May 2015

A University of Maine photo of the 213th Commencement was featured in the column "Speak up. Stand up. Stand out," on the [Maine Community Foundation](#)'s blog Real Time. The article, a college commencement address, was written by Meredith Jones, president and CEO of the Maine Community Foundation. The article's accompanying photo shows University of Maine President Susan J. Hunter with 2015 salutatorian Katelyn Massey of Waterville, a psychology major with a concentration in development and a minor in communication sciences and disorders, and a member of the UMaine women's ice hockey team. Real Time is a community building blog that seeks to provoke thought, encourage conversation and help friends and colleagues understand what goes on behind the scenes at the Maine Community Foundation.

WAGM Reports on UMaine Extension 4-H STEM Ambassador Program

29 May 2015

WAGM (Channel 8 in Presque Isle) reported on the University of Maine Cooperative Extension's 4-H STEM Ambassador program. Four students at the University of Maine at Presque Isle are 4-H STEM Ambassadors. They are

trained to facilitate hands-on science, engineering, technology and math (STEM) activities with children 8–14 years old. Through 4-H STEM Ambassadors, youth across the state become connected to the research, resources and scientists at Maine’s public universities.

MPBN Interviews Rebar About Importance of Protecting Honeybees

29 May 2015

John Rebar, executive director of the University of Maine Cooperative Extension, spoke with the [Maine Public Broadcasting Network](#) for a report about a proposed rule by the U.S. Environmental Protection Agency to crack down on the use of pesticides when bees are on a farm. With about 90 percent of all honeybees living in hives maintained by beekeepers, the rule aims to protect the endangered population that is trucked across the country to pollinate fields, according to the report. “Maine is second only to the almond crop in California in the amount of imported hives,” Rebar said, adding Maine’s wild blueberries rely heavily on the traveling bees, with apples and other crops not far behind. “You know, tomatoes and strawberries, all your squash and pumpkins — all really dependent on pollinators,” he said.

\$1.1M Collaborative Project Looks to Better Understand Abundance of Marine Copepod in Northeast Coastal Ocean

01 Jun 2015

The University of Maine is working with four other research institutions in the region on a \$1.1 million study to better understand the physical and biological processes that control the abundance of a plankton species that’s essential to the food web of the Northeast coastal ocean. The researchers will study the marine copepod *Calanus finmarchicus*. About the size of a grain of rice, the planktonic animal is the primary prey for herring and other forage fish, as well as for the endangered North Atlantic right whale. According to the researchers, rapid warming of the ocean surface in the Gulf of Maine in recent years has raised concern about potential effects on the coastal marine ecosystem, including *C. finmarchicus*, a subarctic species at the southern edge of its range. The study will examine whether the transport of *C. finmarchicus* into the Gulf of Maine from cold Canadian waters, in combination with growth and reproduction in the relatively cold Maine Coastal Current, is sufficient to supply the region with the numbers needed to attract and nourish the animals that rely on the creature, despite recent ocean warming. Jeffrey Runge, a professor in the School of Marine Sciences at UMaine, will serve as project coordinator/principal investigator and is responsible for biological measurements throughout the study. “Changes in temperature, timing of the spring bloom and circulation in the Gulf of Maine will likely affect the distribution and abundance of *C. finmarchicus* in the Gulf of Maine, but not necessarily cause it to disappear,” says Runge, who has a joint appointment at the Gulf of Maine Research Institute in Portland. The three-year study is a collaborative research project between UMaine; Woods Hole Oceanographic Institution in Woods Hole, Massachusetts; University of Massachusetts, Dartmouth; University of New Hampshire; and Bigelow Laboratory for Ocean Sciences in East Boothbay, Maine. The National Science Foundation awarded \$1.1 million for the project; \$223,498 to UMaine. The study, “Mechanisms supporting persistence of a key plankton species during climate change on the Northwest Atlantic continental shelf,” will use a combination of modeling, historical data and observations at time series stations to investigate whether the interaction between upstream supply, coastal transport and local production will contribute significantly to the persistence of the *C. finmarchicus* population despite warming and other environmental changes expected to occur in the future. No other zooplankton species with equivalent energy content is seen to replace the species’ role in the region, the researchers say. The older stages of the species — filled with fat to withstand lean winter months — appear in summer along the New England coast where herring, mackerel, North Atlantic right whales and other animals feed on them in huge quantities. Significant declines or fluctuations in the lipid-rich creature’s abundance would have important implications on the population of these consumers and where they are distributed in the Gulf of Maine, Runge says. The project will contribute to the new Integrated Sentinel Monitoring Network, a joint effort proposed by federal and state agencies with academic research participation to monitor future ecosystem change on the Northeastern coastal shelf. A state-of-the-art biological-physical model will allow interpretation of the monitoring data and provide predictions of future ecosystem conditions in the Gulf of Maine; information that can be used in the management of the region’s resources and for social and economic adaptation to environmental change, Runge says. “I’m continually impressed by the concern of Mainers I meet about the state of the Gulf of Maine and hopeful that this research will bring a bit of good news,” he says. Contact: Elyse Kahl, 207.581.3747

UMaine Students, Researchers Take Part in Weeklong Science Program in Acadia National Park

01 Jun 2015

University of Maine students and researchers will study the science of tree ring dating during a week of hands-on fieldwork in Acadia National Park. The 25th annual North American Dendroecological Fieldweek (NADEF) runs from June 1–10 at the Schoodic Institute in Winter Harbor. NADEF is funded in part by the National Science Foundation and aims to train students in dendrochronology, or the scientific method of dating based on the analysis of tree ring patterns, during an intensive week of fieldwork, laboratory exercises and lectures. “The fieldweek educational model is designed around hands-on and applied education,” says Jim Speer, NADEF director and professor of geography and geology at Indiana State University. Throughout the course, which takes place at a different location every summer, participants experience all aspects of dendrochronology or dendroecology research, from sample collection, preparation and measurement, to data analyses and interpretation, as well as presentation of results. “It is professional-level work and a very intense experience,” according to Speer, who says the participants complete original research projects, and an average of two of the projects are published each year in peer-reviewed journals. “We partner with Acadia to attract and develop research and education opportunities, often with the University of Maine and other partners,” says Mark Berry, president and CEO of Schoodic Institute, a nonprofit partner of the National Park Service that manages the Schoodic Education and Research Center campus at Schoodic Point. “Acadia is an outstanding destination for field research, in part because of its long legacy of ecological investigation, and is an inspiring environment for students.” Forty students from around the country, as well as Canada and India, will take part in the course. Four of the students are from UMaine. While most participants are graduate students, faculty and professional foresters also take part. “The tree ring record is a biological archive and when properly read, it reveals a history of how our forests have responded to past stressors and disturbances,” says Shawn Fraver, an assistant professor of forest ecosystems science in UMaine’s School of Forest Resources. “These past responses provide insights into the resistance and resilience of Maine’s forests to current and future stressors associated with a changing climate, an increase in extreme weather events, and perhaps a pending spruce budworm outbreak.” The science of tree ring research is properly referred to as dendrochronology, Fraver says. When applied to ecological problems, the field is sometimes referred to as dendroecology. The program, which has been run by Indiana State University since 2003, offers six lab groups led by 13 instructors from institutions across the country, each representing a specialty within the field of dendrochronology. Fraver will co-lead the stand dynamics group with Chris Gentry, an associate professor of geography at Austin Peay State University in Tennessee. The group will use growth patterns evident in tree rings to reconstruct the history of forest development, including response to past disturbances, such as wind storms and insect outbreaks, in a red spruce forest within Acadia National Park, Fraver says. Kara Costanza, a UMaine Ph.D. student working with Fraver, will co-teach the introductory dendrochronology group with Neil Toth, an Indiana State University alumnus. The group will likely collect samples from a recently cleared tract of land acquired by Acadia National Park to examine the species composition and develop chronologies. Other groups include sclerochronology, which will apply dendrochronology techniques to the ear bones of fish and bivalve shells; dendroarchaeology, which will examine the oldest buildings in Acadia to determine construction dates; dendroclimatology, which will develop a chronology and examine climate history in white cedar or older red spruce; and fire history, which will collect samples to examine the park’s historical fire data. “I hope students will come to appreciate the enormous potential of the tree ring record for addressing today’s pressing environmental issues,” Fraver says. The week will include one to two full days of fieldwork where participants will collect samples, followed by several laboratory days with evening lectures, and ending with a presentation of projects June 9. “This international workshop bringing the best scientists working on dendroecology to Acadia is a wonderful example of the opportunities that research learning centers offer for national parks,” says Becky Cole-Will, chief of resource management for Acadia National Park. “The research provides expertise and capacity for scientific research that parks often do not have.” More information about NADEF is [online](#). Contact: Elyse Kahl, 207.581.3747

Research Finds Consumption of Soda, Including Diet, Related to Metabolic Syndrome

01 Jun 2015

Individuals who consume at least one soft drink per day are more likely to have metabolic syndrome, compared with those who do not consume soda, according to collaborative research by investigators from the University of South Australia, University of Maine and the Luxembourg Institute of Health. More than a third of American adults are

affected by metabolic syndrome — factors that increase risk for heart disease, diabetes and stroke, according to the American Heart Association. The connection between soft drink consumption and metabolic syndrome held for both diet and regular soda, according to the researchers. The study is one of the first to find similar patterns of results from two diverse geographic areas — central New York state and Luxembourg. The research team was led by University of South Australia nutritionist and psychologist Georgina Crichton, who did graduate research at UMaine; UMaine psychologist and epidemiologist Merrill “Pete” Elias; and cardiovascular researcher Ala’a Alkerwi from the Luxembourg Institute of Health. The study involved cross-sectional data from 803 adults who participated in the Maine-Syracuse Longitudinal Study (MSLS) and 1,323 adults from the Observation of Cardiovascular Risk Factors in Luxembourg Study (ORISCAV-LUX). Individuals in both MSLS and ORISCAV-LUX who consumed at least one soft drink per day —regular or diet — had a two-fold higher risk for metabolic syndrome compared with those who did not consume soft drinks, when adjusted for dietary factors, total energy intake and cardiovascular risk factors. Diet soda drinkers were not exempted from being at higher risk. Metabolic syndrome was higher in those who consumed at least one diet soft drink per day than in nonconsumers, in both study locations. In both studies, lower intakes of fruit and vegetables were observed in regular soft drink consumers compared to nonconsumer. Diet soft drink consumers also had higher waist circumference and body mass index in both study sites. In Luxembourg, higher diet soft drink consumption was associated with higher systolic BP and with higher fasting plasma glucose (blood sugar levels). Diet modification to reduce soft drink consumption, including diet drinks, is one lifestyle change that may help optimize metabolic health, according to the researchers, who reported their findings in the journal “Nutrients.” (2015). Metabolic syndrome or MetS is a clustering of cardio-metabolic risk factors in an individual, namely abdominal obesity, high blood pressure, high triglyceride levels and low HDL cholesterol (the “good” cholesterol). Having MetS increases ones risk for cardiovascular disease, coronary heart disease, stroke and type 2 diabetes mellitus. MetS was defined as present if three out of five risk factors were present: waist circumference = 88 cm for women or 102 cm for men; fasting glucose = 100 mg/dL (or drug treatment); blood pressure =135/85 mmHg or treatment for hypertension; serum triglycerides =150 mg/dL (or drug treatment); and high density lipoprotein (HDL)-cholesterol = 40 mg/dL in men or 50 mg/dL in women. Prevalence of MetS was considerably higher in the U.S. (44 percent) than in the Luxembourg sample (26 percent). A greater proportion of participants in ORICAV-LUX study consumed non-diet soft drinks (60 percent of participants), compared with the MSLS study (43 percent of participants), but consumption of diet soft drinks was higher in the MSLS (24 percent of participants), compared with 11percent in ORISCAV-LUX. However, of those who consumed soft drinks, average number of drinks consumed per day was higher at the U.S. site (two servings/day for diet and regular drinks) than in the Luxembourg participants (one serving/day for both drink types). The UMaine study initiated in 1975 by Elias, principal investigator and professor Michael A. Robbins (co-investigator) is based on 35 years of study of arterial blood pressure, cardiovascular disease risk factors and neuropsychological functioning sponsored, in part by the National Institute on Aging and National Heart Lung, and Blood Institute of the National Institutes of Health. The Luxembourg study represents a major national population-based study of relations among nutrition and risk factors for cardiovascular disease. The conclusions are the authors and not those of NIH. Contact: Georgina Crichton: georgina.crichton@unisa.edu.au; +68 434 869 665; Merrill “Pete” Elias: mfelias@maine.edu; 207.244.1127; Beth Staples, 207.581.3777

Social Work Student Writes Op-Ed for BDN

01 Jun 2015

University of Maine student Jessica Henderson wrote an opinion piece for the [Bangor Daily News](#) titled “Financial literacy especially important for children in foster care.” Henderson of Bangor is pursuing a bachelor’s degree in social work and grew up in the state’s foster care system.

Press Herald Cites Gabe’s Waterfront Concerts Economic Impact Studies

01 Jun 2015

University of Maine economics professor Todd Gabe’s economic impact studies on Bangor Waterfront Concerts were cited in the [Portland Press Herald](#) article “Wave of outdoor concerts signals sonic boom for Portland.” Gabe’s studies found concerts at the Darling’s Waterfront Pavilion in Bangor have drawn at least 300,000 concert-goers and brought \$48 million into the local economy in its first four years, according to the article. Gabe also found more than 40 percent

of the concert-goers in 2013 came from at least two hours away, and 20 percent came from at least four hours away, the article states. He estimates the concerts generated more than \$29 million in direct spending and \$18 million in indirect spending in its first four years.

UMMA Warhol Exhibit Featured in BDN

01 Jun 2015

The [Bangor Daily News](#) reported on a current exhibit at the University of Maine Museum of Art in downtown Bangor called “Andy Warhol: Photographs & Screenprints.” The museum is featuring dozens of works from its permanent collection by well-known American pop artist Andy Warhol through June 6. “He’s pretty significant historically,” said Eva Wagner, education coordinator at the museum. “Especially when we’re talking about challenging the idea of what art is.” The exhibit also will be part of the Bangor Artwalk from 5 to 9 p.m. Friday, June 5.

Brzozowski Quoted in Press Herald Article on Gardiner Slaughterhouse

01 Jun 2015

Richard Brzozowski, a small ruminant and poultry specialist with the University of Maine Cooperative Extension, was quoted in the [Portland Press Herald](#) article, “In Gardiner, a new slaughterhouse boosts Maine’s agriculture infrastructure.” The recent completion of the dual red meat-poultry slaughterhouse represents a step in the city’s effort to be a center for local food and an increase in the state’s infrastructure for locally raised meat, according to the article. It’s the state’s only USDA-inspected poultry slaughterhouse and the first in decades, according to Brzozowski. He said it makes sense to open the slaughterhouse because Maine residents value local products, and chicken is the most popular meat. “The demand for local food is so strong, and I don’t see an end to it,” Brzozowski said.

Phoenix New Times Cites Butler’s TANF Study

01 Jun 2015

A 2013 study by Sandra Butler, a University of Maine social work professor, was cited in the [Phoenix New Times](#) article, “Will kicking 1,600 off welfare inspire Arizona’s poor to get jobs?” Butler’s study, “[TANF Time Limits and Maine Families: Consequences of Withdrawing the Safety Net](#),” found that Maine’s 60-month lifetime limit for welfare recipients that was imposed in 2012 did not lead to a statistically significant increase in wages or hours of employment, the article states. According to her study, a majority of welfare recipients already had some type of job when their assistance expired, but were living below the poverty line because they made an average wage of \$9 per hour. Those who were not working, she found, faced barriers to employment, such as chronic illness, mental health issues or substance abuse, and more than 40 percent did not have a high school diploma, the article states. When the families were cut off, nearly 70 percent were forced to depend on food banks, Butler reported.

Advanced Manufacturing Center, Ecoshel Partnership Mentioned in MaineBiz Article

01 Jun 2015

A partnership between the University of Maine’s Advanced Manufacturing Center (AMC) and Aroostook County-based company Ecoshel was mentioned in a [MaineBiz](#) article about a grassroots effort to advance the forest products sector and job creation in Aroostook County. Aroostook Partnership for Progress, a public-private organization created to spur economic development in Maine’s northernmost county, is leading the effort, according to the article. Ecoshel, a cedar shingle maker, relocated from Georgia and opened a mill in Ashland using a new high-tech assembly line developed by the AMC, the article states. The new process can produce a shingle every second.

Hutton, Moran Speak with Press Herald About Moderate Drought

01 Jun 2015

Mark Hutton, a vegetable specialist and associate professor of vegetable crops with the University of Maine Cooperative Extension; and Renae Moran, a tree fruit specialist with UMaine Extension, spoke to the [Portland Press Herald](#) for an article about how much of New England is experiencing a drier than normal spring. The lack of rain early in the season could help farmers get crops started without dealing with mud that can often delay the planting season, according to the article. Hutton said the lack of rainfall has helped complete tasks such as field work and preparation that are often delayed by rain, but says it is “a double-edged sword.” Farmers are “not being delayed because of excessive moisture, but they’re having to spend time irrigating crops,” he said. Because of the drier weather, Moran said she has applied fewer fungicide sprays and is expecting fewer diseases and hail damage. Hutton and Moran said if the dry weather continues, it could cause a problem, especially for farmers without access to rivers or ponds for irrigation.

Newsday Interviews Peterson for Article on Belmont Stakes Horse Race

01 Jun 2015

Mick Peterson, a professor of mechanical engineering at the University of Maine, spoke with [Newsday](#) for a report about the 147th Belmont Stakes thoroughbred horse race held at Belmont Park in Elmont, New York. Belmont is one of several elite tracks at the center of a national movement to push for more precise maintenance and measurement of racing surfaces and conditions that affect them, according to the article. Glen Kozak, vice president in charge of facilities and racing surfaces for the New York Racing Association, and other top track managers consult with Peterson on track safety, the article states. Peterson’s lab analyzes track samples, and he also visits tracks to test for safe, well-maintained surfaces. “Our philosophy has been that tracks should not vary,” Peterson said, adding the load on horses’ legs and other factors should be as consistent as possible.

Sanford Education Collaborative Formed to Improve Academic Performance, Reduce Bullying

02 Jun 2015

This fall, children in pre-kindergarten and kindergarten classes in several schools in Maine will be introduced to a lovable stranded visitor from outer space named Zappazipplezenzoozery, or Z. In a series of books, the children will help Z learn about life on Earth and getting along with others. The stories, as well as practice and lessons, emphasize positive interactions, discovery of shared and unique characteristics and a sense of community. In 1,200 classrooms in New York, Florida and California, the Sanford Harmony Program is making a difference. Initial research indicates it improves academic performance in reading and math, increases positive attitudes about school, encourages greater empathy and reduces gender stereotyping and classroom aggression. The University of Maine is expanding the initiative statewide as a member of the newly formed Sanford Education Collaborative, which was announced June 2. The collaborative is made up of nine inaugural university members, including nonprofit National University, which is leading the effort. Collaborative members are advancing the research-based education programs originally developed by Arizona State University that incorporate a range of lessons, curriculum resources and activities. “In this day and age, it is more important than ever to provide opportunities for our children and school communities to understand and value diversity,” says Susan K. Gardner, Interim Dean of the College of Education and Human Development at UMaine. The [Sanford Harmony program](#) is designed to enhance peer relationships in pre-K through sixth-grade classrooms. It focuses on developing interpersonal skills of communication, collaboration, inclusion and empathy to provide a foundation for a healthier society. UMaine will receive \$65,000 to advance the program within the state. The \$30 million nationwide initiative to expand the Sanford Education Programs — Sanford Harmony and another program called Sanford Inspire — is administered by San Diego-based National University and inspired by the vision of philanthropist and entrepreneur T. Denny Sanford. In Maine, the university’s College of Education and Human Development will help disseminate the Sanford Harmony Program to participating schools. “We are excited to participate in this national consortium and to collaborate with other universities in these efforts,” says Mary Mahoney-O’Neil, Associate Dean of the College of Education and Human Development at UMaine. The University of Maine was chosen for the collaborative because of the quality of the College of Education and Human Development; its application of research-based knowledge; and field-tested experience to address changing needs of schools, children and families; its strong partnerships with school districts throughout Maine; its professional development programs; and its location. Allyson Handley, former president of the University of Maine at Augusta, is executive director of Sanford Education Center at National University. She was hired in August 2014 to lead the national implementation of programs dedicated to “A Better Tomorrow,” including

the Sanford Harmony Program. In addition to UMaine, inaugural members of the Sanford Education Collaborative are: National University (California); Long Island University (New York); Nova Southeastern University (Florida); City University of Seattle (Washington); South Dakota State University; University of South Dakota; Touro College (New York); and University of Central Florida. To read more about the Sanford Education Collaborative, visit sanfordeducationcenter.org/education-collaborative.cfm. To read more about the Sanford Harmony Program, visit



sanfordeducationcenter.org/harmony.cfm. Contact: Beth Staples, 207.581.3777

Conference to Highlight Maine Beach Concerns

02 Jun 2015

Registration is open for the 10th annual Maine Beaches Conference, scheduled for July 17 at Southern Maine Community College in South Portland. The conference seeks to provide continuing opportunities for communication and exchange of the most current information among beach stakeholders with diverse interests. Charles S. Colgan, professor of public policy and management in the Edmund S. Muskie School of Public Service at the University of Southern Maine, will present the opening plenary talk about an ongoing study of beach visitors in southern Maine and New Hampshire. The survey of more than 3,000 visitors, the largest of its kind to be conducted, provides key information for understanding the beach as a tourist resource. Since the conference's inception, a primary purpose has been to present results of the state's beach monitoring programs, including the [Maine Healthy Beaches](#) water quality monitoring program and the Southern Maine Beach Profiling Program. There also will be discussion about efforts to prepare for and adapt to rising sea levels and storm surge in Damariscotta, one of the most vulnerable towns on the Maine coast. The study recommends measures that property owners can take as well as community-level adaptation strategies, and it compares costs and benefits of various methods. Other featured topics include managing coastal erosion, preparing for hurricanes, beach wildlife, beach access, legal updates, flooding and flood plains. "This year will be our 10th conference, and we expect to host more than 225 participants," says conference coordinator Kristen Grant, a marine extension associate with Maine Sea Grant and University of Maine Cooperative Extension based at Wells National Estuarine Research Reserve at Laudholm Farm. In addition to presentations and panel discussions, there will be an exhibit area for sponsors and partner organizations, an art and photography show and outdoor activities. The draft conference program and registration information are available [online](#) and by calling the Wells Reserve, 646.1555, ext. 157.

Maine Edge Reports 'Man and Superman' Broadcast Rescheduled at CCA

02 Jun 2015

[The Maine Edge](#) published a University of Maine news release announcing the NT Live production of "Man and Superman" will be broadcast at 7 p.m. Thursday, June 4, at the Collins Center for the Arts at the University of Maine. Originally scheduled for May 14, technical difficulties forced the postponement of the broadcast of Simon Godwin's reinvention of Bernard Shaw's 1903 classic. Tickets, which are \$18 for adults and \$8 for students, are available [online](#) or by calling 581.1755, 800.622.TIXX.

Top Gun Finalists to Compete for \$10,000 Prize, Press Herald Reports

02 Jun 2015

The [Portland Press Herald](#) reported 10 finalists will compete Wednesday, June 3 for the \$10,000 Top Gun Showcase grand prize at the University of Southern Maine's Abromson Center in Portland. The competitors were chosen from 35

startups that were members of the Maine Center for Entrepreneurial Development's (MCED) 2015 Top Gun program. The Top Gun entrepreneurship accelerator is a five-month program that engages entrepreneurs in growing their businesses. It combines education, mentoring, pitch-coaching and networking opportunities. The program is a partnership of the MCED, Maine Technology Institute, Blackstone Accelerates Growth and the University of Maine. [Mainebiz](#) also carried an article on the competition.

Sustainability Exhibit to be Part of Bangor Artwalk, Maine Edge Reports

02 Jun 2015

[The Maine Edge](#) published a University of Maine news release announcing the University of Maine Office of Sustainability has been selected to be one of the 100 curators nationwide of the Lexicon of Sustainability pop-up shows — art exhibitions designed to spur community dialogue to help strengthen local food systems. The next pop-up show will be hosted June 5 at COESPACE, 48 Columbia St., Bangor. The exhibit will be open at noon, and from 5—9 p.m. as part of the Bangor Artwalk. Collaborating on the exhibit is the Bangor Area Food Council. The Lexicon of Sustainability, founded in 2009 by farmers and filmmakers Douglas Gayeton and Laura Howard-Gayeton, focuses on sharing stories that explain sustainability.

Graduating Mechanical Engineering Students Talk to Mainebiz About Capstone

02 Jun 2015

A group of graduating mechanical engineering students — Philip Bean Jr., Matt Harkins, Isaac Walton and Ethan Ray — spoke with [Mainebiz](#) about the “autonomous boat” they constructed for their capstone project. The students, all from Maine, said a boat that doesn't have a human at the wheel could save money in data retrieval for tidal power projects, such as Portland-based Ocean Renewable Power Co.'s pilot project in Cobscook Bay off Eastport that involves 24/7 tracking of the power turbines' impact on their environment. The students described how they created and tested the boat. The students said they were able to navigate their boat to a specific point and get it to return, but getting it to recognize the buoy will require more testing. Another team of students — Timothy Abraham, Michael White, Robert Daniels and Jacob St. Peter — also spoke about their 12-foot Ted Williams fiberglass skiff and GPS navigation system that they plan to pass on to next year's senior engineering students.

Camire Explains Differences Between Farm-Raised, Wild-Caught Fish for WTOP

02 Jun 2015

Mary Ellen Camire, University of Maine professor of food science and human nutrition and president of the Institute of Food Technologists, spoke with [WTOP-FM: Washington's Top News](#) for the report “What you need to know about farm-raised vs. wild-caught fish.” Camire, who explained the differences between the types of fish as quite simple, said farm-raised fish are grown in pens that are often submerged in ponds, lakes and saltwater, while wild-caught fish are caught in natural environments by fisherman. Some fish can even be both, she added. “Sometimes they just take the wild fish as babies and they grow them in a pen and fatten them up and then sell them at market, so there's virtually no difference,” Camire said. Similar to wild game or poultry, there may be a slight difference in taste between the two varieties, she said. “Farm fish tend to have a little bit more fat in their diet, so they might be a little more tender or softer, compared to a wild-caught fish which might be a little leaner,” Camire said.

Lichtenwalner Featured in National Geographic Article on Moose, Ticks

02 Jun 2015

Anne Lichtenwalner, a University of Maine professor, veterinarian and director of UMaine's Animal Health Laboratory, was featured in the [National Geographic](#) article “What's a ghost moose? How ticks are killing an iconic animal.” Sightings of ghost moose, an animal so irritated by ticks that it rubs off most of its dark brown hair, exposing its pale undercoat and bare skin, have increased in recent years around New England, according to the article. Biologists say climate change is likely the reason for the shorter, warmer winters that are boosting winter tick populations, the article

states. Lichtenwalner, who studies the lungs of moose calves who die in the wild, has found that up to 80 percent of the animals she sees have abnormal lung tissue consistent with lungworm, a common parasite in Maine moose that restricts air movement in the lung. “There you go — we’ve got winter tick and we’ve got lungworm — that’s our problem here in Maine,” Lichtenwalner said.

WABI, BDN Announce Stewart Named America East Woman of the Year

03 Jun 2015

WABI (Channel 5) and the [Bangor Daily News](#) announced UMaine graduate and former field hockey star Holly Stewart won the America East Woman of the Year Award. Stewart, from North Vancouver, British Columbia, is the first Black Bear to receive the honor, presented to the league’s senior female student-athlete who best distinguished herself during collegiate career with academic achievement, athletic excellence, service and leadership. Stewart, selected from 11 nominees, graduated in December with a degree in kinesiology and physical education. Her grade-point average was 3.97. The 2014 Academic All-American and America East Presidential Scholar-Athlete was a two-time America East first-team selection and an All-Region choice. She is competing with the Canadian Women’s National Team that is striving for a berth in the 2016 Olympics in Brazil. Stewart is eligible for NCAA Woman of the Year. Naja Harvey, a member of the UMaine women’s swimming and diving team, was the runner-up for the award. In addition, UMaine student-athletes Liz Wood, who plays women’s basketball, and Ryan Fahey, a men’s swim team member, were named to the America East 2015 Helping Hands Team for their dedication to bettering communities through service.

Former Black Bear Goalies in NHL Get Press

03 Jun 2015

Two former University of Maine men’s ice hockey goalies set to compete in the NHL Stanley Cup Final were included in a sports column in the [Kennebec Journal and Morning Sentinel](#). Ben Bishop is the starting goalie for Tampa Bay and Scott Darling is the backup goalie for Chicago. Bishop also was featured and Darling mentioned in a [Bangor Daily News](#) article. The first game of the best-of-seven series is at 8 p.m. June 3.

Ellsworth American Covers TRC Commission

03 Jun 2015

Gail Werrbach, director of the University of Maine School of Social Work, was mentioned in an [Ellsworth American](#) story about the Maine Wabanaki-State Child Welfare Truth & Reconciliation Commission (TRC). Werrbach is one of the five commissioners of the TRC, which June 14 is slated to issue a report about the state welfare system’s treatment of children from Wabanaki tribes.

PPH Remembers 1965 UMaine Graduation

03 Jun 2015

The [Portland Press Herald](#)’s “50 Years Ago Today” feature showed the front page of the June 3, 1965 paper that contained an article titled “7,000 See UM Award Largest Class Degrees.” In 1965, 1,100 seniors were awarded degrees at the Bangor Municipal Auditorium. It was the largest graduating class in the university’s 100-year history, according to the article. Robert Strider, president of Colby College, was the primary Commencement speaker.

Medical Amnesty, Good Samaritan Reporting Program Covered in BDN Piece

03 Jun 2015

The Medical Amnesty and Good Samaritan reporting program at the University of Maine was mentioned in a [Bangor Daily News](#) article about a bill aimed at encouraging minors to seek help for alcohol poisoning that its supporters say is at risk of being vetoed. Rep. Joyce Maker, a Calais Republican and member of the education committee, said in the

article she sponsored LD 263, An Act To Provide a Minor with a Defense to Prosecution in a Situation That Involves Risk of Alcohol Overdose, to help save lives. Maker said in the article she put the bill forward after being asked to do so by Old Town school board member Lee Jackson, a UMaine political science student. Robert Dana, UMaine's vice president for student life and dean of students, spoke about a similar policy the university began in 2010. The Medical Amnesty and Good Samaritan reporting program is a campuswide undertaking that encourages students to report extremely intoxicated classmates, the article states. "You don't want a minor saying, 'I'm not going to call because the cops [could arrest me].' You want them saying, 'I'm going to help. I'm going to call and help save someone's life,'" Dana said.

AP, MPBN Reports on \$1.1M Collaborative Plankton Study

03 Jun 2015

The Associated Press and Maine Public Broadcasting Network reported on a \$1.1 million collaborative project involving the University of Maine and four other research institutions in the region that aims to better understand the physical and biological processes that control the abundance of a plankton species essential to the food web of the Northeast coastal ocean. The researchers will look at the effects of ocean warming on the marine copepod *Calanus finmarchicus*, the primary prey for herring and other forage fish, as well as for the endangered North Atlantic right whale. "The expectation from the statistical analysis is that this species may well disappear and that would have a pretty dramatic effect on the Gulf of Maine food web," said Jeffrey Runge, a professor in UMaine's School of Marine Sciences who will serve as project coordinator/principal investigator and is responsible for biological measurements throughout the study. [FOX 25 \(in Boston\)](#), [Portland Press Herald](#), The Republic and WABI (Channel 5) carried the AP article. [CapeCod.com](#) also reported on the project.

Student Loans Topic of Channel 7 Story

03 Jun 2015

University of Maine community members provided information about student loans in a segment on [WVII](#) (Channel 7). Gianna Marrs, director of student financial aid, as well as Zachary Sheltra, director of enrollment operations, and recent graduate Cody Emerson shared their perspectives. Marrs addressed services the university offers to engage students in debt management and financial literacy. Sheltra, who earned an MBA at UMaine in 2013, said for him it's a matter of understanding his finances and setting priorities.

Multiple Media Outlets Report on Sanford Collaborative

03 Jun 2015

A number of media outlets covered the announcement of the newly formed Sanford Education Collaborative — a nine-university network that includes the University of Maine. The College of Education and Human Development at UMaine was awarded \$65,000 to help implement the Sanford Harmony Program in pre-kindergarten and kindergarten classes in several area schools. The program is designed to enhance peer relationships and focuses on developing interpersonal skills of communication, collaboration, inclusion and empathy to provide a foundation for a healthier society. The [Times of San Diego](#), The [San Diego Union-Tribune](#), [San Diego Source: The Daily Transcript](#), [seattlepi.com](#) and [KPBS](#) reported on the \$30 million nationwide initiative, which is administered by San Diego-based National University and is inspired by the vision of philanthropist and entrepreneur T. Denny Sanford.

Holly Stewart is the America East Woman of the Year

03 Jun 2015

University of Maine graduate and former field hockey star Holly Stewart was named the America East Woman of the Year at the annual conference meeting Tuesday, June 2, in Bretton Woods, New Hampshire. Stewart, from North Vancouver, British Columbia, is the first Black Bear to earn the honor, which is presented to the league's senior female student-athlete who best distinguished herself during collegiate career with academic achievement, athletic excellence,

service and leadership. Stewart, selected from 11 nominees, graduated in December 2014 with a degree in kinesiology and physical education. Her grade-point average was 3.97. The 2014 Academic All-American and America East Presidential Scholar-Athlete was a two-time America East first-team selection and an All-Region choice. She is competing with the Canadian Women's National Team that is striving for a berth in the 2016 Olympics in Brazil. Stewart is eligible for NCAA Woman of the Year. The NCAA Woman of the Year selection committee selects the Top 30 – 10 from each division (I, II and III), then three finalists from each division. The Committee on Women's Athletics selects the winner from the top nine. The University of Maine is celebrating its 150th anniversary in 2015. In conjunction, the athletic department will celebrate 150 student-athletes achievements during the year.

Bishop, Darling Make History, Face Off in Stanley Cup Final

03 Jun 2015

Two former University of Maine goaltenders are competing for the NHL Stanley Cup. Ben Bishop is the starting goalie for Tampa Bay and Scott Darling is the valuable backup for Chicago. It is the first time in Stanley Cup Final history that goalies who played at the same university will contend for the coveted cup. Bishop played in 99 games for the Black Bears from 2005 to 2008, and posted a mark of 55–35–7, with a 2.29 goals-against average and a .917 save percentage. He recorded five shutouts for the Black Bears and led UMaine to the 2007 Frozen Four, which was played in his hometown of St. Louis, Missouri. Darling played at UMaine during the 2008–09 and 2009–10 seasons. He compiled a record of 25–20–3, with a 2.92 goals-against average and a .895 save percentage. One will have his name engraved on the chalice, sometimes referred to as Lord Stanley's Cup or the Holy Grail. Chicago and Tampa split two meetings in 2014–15, each winning at home. Chicago earned a 3–2 shootout win Nov. 11 and Tampa Bay won 4–0 on Feb. 27. Bishop has had an outstanding season for Tampa Bay. In the playoffs, he is 12–8–0, with a 2.15 goals-against average and a .920 save percentage. He has notched three shutouts and three assists. Bishop posted shutouts in games 5 and 7 in the Eastern Conference final against the New York Rangers. He becomes the third goalie in NHL history to record two Game 7 shutouts in a single season, joining Patrick Roy (2002) and Tim Thomas (2011). Bishop became the first goalie in NHL history to record shutouts in each of his first two Game 7 starts of his career, according to the Elias Sports Bureau. Darling has played in five playoff games for Chicago, making four starts. He is 3–1, with a 2.21 goals-against average and a .936 save percentage. Darling stopped all 42 shots he faced after replacing Corey Crawford in a first-round game with Nashville on April 15. He made 50 saves in a triple-overtime win over Nashville on April 21. The best-of-seven Stanley Cup Final series begins at 8 p.m. June 3, in Tampa. NBC is televising the contest. The series continues at 7:15 p.m. June 6, in Tampa, (NBC). The series then moves to Chicago; Game 3 will be played at 8 p.m. June 8 and Game 4 will be June 10 (NBCSN). Game five, if necessary, will be played in Tampa at 8 p.m. June 13 (NBC). Game 6, if necessary, will be in Chicago at 8 p.m. June 15 (NBC), while Game 7, if necessary, would be played in Tampa at 8 p.m. June 17 (NBC).

Target Technology Center Hosts Open House

04 Jun 2015

Members of the public, including innovators and entrepreneurs, are invited to a free open house from noon to 2 p.m. Thursday, June 11, at the Target Technology Center, 20 Godfrey Drive, Orono. There will be tours of the facility, including available office space, as well as a barbecue and opportunities to meet innovators in the Target Technology Center community. The Target Technology Center, a partnership of Bangor Area Target Development Corporation, the town of Orono, the University of Maine and the state of Maine, offers physical space and business counseling services to technology companies. Located near the UMaine campus and I-95, the facility has high-speed Wi-Fi, conference rooms, video conferencing, a comprehensive security system and a kitchen. "The open house is an opportunity to have lunch with us, meet our amazing tenants and take a tour of our great facility," says Jesse Moriarity, co-director. Located in Orono, the Target Technology Center is home to a variety of local companies. Since 2002, it has provided convenient and comprehensive office spaces to businesses in all stages of development. To learn more, visit its [website](#) or call 866.2406.

UMaine Extension Tick ID Lab Cited in BDN Article on Disease Increase Among Pets

04 Jun 2015

The University of Maine Cooperative Extension's Tick ID Lab was mentioned in the [Bangor Daily News](#) article, "More tick diseases showing up in dogs and cats (plus new treatments)." The article states that according to the Tick ID Lab, there are 14 different tick species found in Maine. To learn about all of the species, or to submit a tick to be identified, the article suggests readers visit the lab's [website](#).

UMMA Art Included in Portland Exhibit, MaineToday Reports

04 Jun 2015

[MaineToday](#) magazine reported that pieces from the University of Maine Museum of Art's permanent collection will be featured in a Portland Museum of Art exhibition that runs from through September 20. "Directors' Cut: Selections from the Maine Art Museum Trail," will present highlights of Maine's art history from the state's most-renowned museums, including UMMA, Bates College, Bowdoin College, Colby College, the Farnsworth Art Museum, the Monhegan Museum of Art and History, the Ogunquit Museum of American Art and the Portland Museum of Art. In the exhibit, UMMA offers photos by Berenice Abbott, one of the most influential photographers of the 20th century, according to the article. Abbott was best known for her New York photos, which are included in the exhibit, as well as some of her lesser-known work from Maine, the article states. [Mainebiz](#) and Sun Journal also reported on the exhibit.

Murphy Speaks About Gardening on MPBN's 'Maine Calling'

04 Jun 2015

Barbara Murphy, a University of Maine Cooperative Extension educator and gardening expert, was a guest on the Maine Public Broadcasting Network's "Maine Calling" radio show. Murphy, who has more than 20 years of experience teaching the UMaine Extension Master Gardener course, offered advice for the show that focused on what it takes to make a garden grow.

Students, Researchers Study Tree Ring Dating in Acadia, WABI Reports

04 Jun 2015

WABI (Channel 5) reported that University of Maine students and researchers are studying the science of tree ring dating during the 25th annual North American Dendroecological Fieldweek (NADEF) in Acadia National Park. NADEF is funded in part by the National Science Foundation and aims to train students in dendrochronology, or the scientific method of dating based on the analysis of tree ring patterns, during an intensive week of fieldwork, laboratory exercises and lectures. The program, which has been run by Indiana State University since 2003, offers six lab groups led by 13 instructors from institutions across the country, each representing a specialty within the field of dendrochronology. Shawn Fraver, an assistant professor of forest ecosystems science in UMaine's School of Forest Resources, is co-leading the stand dynamics group. Kara Costanza, a UMaine Ph.D. student working with Fraver, is co-teaching the introductory dendrochronology group. Fraver said researchers view tree ring patterns as a biological archive that contains the history of a tree's growth. "From that growth pattern we can make inferences about the history of the stand," Fraver said. Forty students from around the country, as well as Canada and India, are participating in the course. Four of the students are from UMaine.

'Something Funny's Going on Here' at UMaine Hutchinson Center

05 Jun 2015

The "Something Funny's Going on Here" exhibit will open with a reception 5–8 p.m. June 19, at the H. Alan and Sally Fernald Art Gallery at the University of Maine Hutchinson Center in Belfast. Sixteen of Maine's prestigious artists have pieces inspired by humor or irony in the exhibit, which runs until Aug. 14. Participating artists are Nancy Barnes, Kenny Cole, Julie Cyr, Kris Engman, David Estey, Mike Fletcher, Harold Garde, Robert Hamilton, Stew Henderson, Sheep Jones, Alan Magee, George Nashon, Willy Reddick, Wes Reddick, Sally Savage and Rob Shetterly. Patrons, students

and community members are invited. The reception and admission to the exhibit are free. More information is available [online](#) or by calling Nancy Bergerson at 338.8049.

UMaine Extension Demonstrates How to ‘Preserve the Harvest’

05 Jun 2015

Enjoy the taste of summer fruits and vegetables all year long by taking the University of Maine Cooperative Extension’s Preserving the Harvest workshop 1–4 p.m. Wednesday, July 8, at the Franklin County UMaine Extension office, 138 Pleasant St., Farmington. UMaine Extension staff will lead the workshop, which will include hands-on, USDA-recommended food preservation methods, including hot water bath canning. Participants will make pickled dilly beans to take home. Fresh produce, canning jars and other canning equipment will be provided. Participants should bring a pot holder. Cost is \$20 per person; partial scholarships are available. Register [online](#) by July 3. For more information, or to request a disability accommodation, call 781.6099, 800.287.1471 (toll-free in Maine).

Belding Moderator at Manufacturing Summit, Sun Journal Reports

05 Jun 2015

The [Sun Journal](#) reported that John Belding, director of the University of Maine’s Advanced Manufacturing Center, was a moderator at the Manufacturers Association of Maine’s annual Manufacturing Summit in New Gloucester. More than 150 manufacturers attended the event at Pineland Farms to hear from other companies and weigh in on the association’s legislative agenda, according to the article.

Kinghorn Talks with WLBZ About UMMA Exhibits

05 Jun 2015

WLBZ (Channel 2) spoke with George Kinghorn, director and curator of the University of Maine Museum of Art, about the current exhibit “Andy Warhol: Photographs & Screenprints.” The museum is featuring dozens of works from its permanent collection by well-known American pop artist Andy Warhol through June 6. “This is really nice because you really get a sense of Warhol’s life in the studio. And he would often take over 200 images of one subject, like Farrah Fawcett,” Kinghorn said. The exhibit also will be part of the Bangor Artwalk from 5 to 9 p.m. Friday, June 5, according to the report. The museum will switch to the summer exhibit season starting June 19 with the exhibit “With Ties to Maine,” a collection of Maine related-art celebrating the 150th anniversary of UMaine, the report states.

Media Report on Maine Sea Grant, O’Chang Comics Video on Lobster, Climate Change

05 Jun 2015

The [Bangor Daily News](#) and [WCYY 94.3 FM](#) reported the Maine Sea Grant Program at the University of Maine partnered with O’Chang Comics to produce a short video on lobsters and climate change. The video, which was based on the UMaine report “[Maine’s Climate Future: 2015 Update](#),” explains how rising sea temperatures in southern New England have caused lobster populations in the area to drop, according to the BDN. The full video is [online](#).

Neivandt Shares Benefits of RET Program in ‘Science Scope’

05 Jun 2015

Tracy Vassiliev, a middle school science teacher at the James E. Doughty School in Bangor, and David Neivandt, a University of Maine professor, associate vice president for research and graduate studies, and director of the Graduate School of Biomedical Science and Engineering, co-wrote *Let Them Eat Cake ... OE-Cake!*, which was published in the April/May 2015 issue of “Science Scope.” In summer 2014, Vassiliev took part in a research experience for teachers (RET) program, funded by the National Science Foundation, with Neivandt at UMaine’s Forest Bioproducts Research Institute (FBRI). RET’s objectives include fostering STEM partnerships between K–12 teachers and university faculty

and inspiring the teachers to translate cutting-edge research being done at universities and make it relevant to their students. Vassiliev experienced and, in turn, has been introducing her students to OE-Cake! (Octave Engine Cake Version 1.1.2b), which was unveiled in 2007 by Prometech Software, a company that specializes in high-performance simulation and computer graphics. OE-Cake! is a digital sandbox and learning platform. When used to support science content, Neivandt and Vassiliev say OE-Cake! can engage students in ways that encourage critical thinking and creativity, and encourage them to explore hydrodynamics of liquids, small particle systems and solids. In the classroom, the educators say it can help students understand the nature of science empirically by exploring the physical properties of virtual materials. “By embracing the software, students discover that research in the STEAM (science, technology, engineering, art, and mathematics) fields is fun and exciting. ... As educators, if there is a given technology that your students enjoy exploring, then embrace it, and help reveal the STEAM connections. This will reinforce the idea that STEAM content can truly be found everywhere,” Neivandt and Vassiliev wrote in the article. “Teachers do not have to be experts in all computer applications, but instead they can be guides in helping students explore and experiment. Teachers need to be sure to provide students with a clear purpose, STEAM connections, and parameters. After that, you can allow your students to impress you with their applications of the scientific process, discoveries, iterations, and evidence-backed reasoning.”

Blaine Livingston: Manufacturing Armor Panels

05 Jun 2015

Blaine Livingston, a nontraditional student, is a husband, father and veteran of the United States Marine Corps. Originally from North Anson, Maine, Livingston is working on a bachelor’s degree in mechanical engineering. Part of Livingston’s responsibilities at the University of Maine Advanced Structures and Composites Center involve manufacturing composite parts for a Department of Defense research project. He was tasked recently with manufacturing armor panels for a mobile Armored Command Trailer (ACT) for the U.S. Army. Livingston successfully fabricated the composite laminates which included the use of methyl methacrylate adhesives, vacuum infusion, and a special water jet cutting process. The fabrication of the armor panels is beyond what is traditionally asked of a student in his position. He exhibited excellent leadership by recruiting and instructing other qualified student laborers to help him prepare the panels. Livingston says he enjoys working at the UMaine Composites Center because “everything we do is interesting, exciting, and has the potential to positively impact so many people’s lives.” He says he appreciates the level of trust and responsibility he is given by his supervisors.

UMaine Recognized for High-Quality Engineering Graduates

05 Jun 2015

The University of Maine was recognized as one of the best colleges or universities for employers who want to hire high-quality engineering graduates. UMaine ranked fifth on College Recruiter’s list of the “Top 12 Hidden Gem Colleges for Employers Hiring Electrical and Communications Engineering Majors.” College Recruiter is the leading niche job board used by recent college graduates to find entry-level jobs and students to find internships. Institutions on the list featured high SAT/ACT scores for entering students, high average starting salaries for the regions in which the schools were located, a high percentage of graduates working in their chosen field of study, and a majority of the graduating class available for recruitment by employers. The full College Recruiter release is [online](#).

BDN Previews Sustainability Exhibit, Interviews Dixon

05 Jun 2015

The [Bangor Daily News](#) advanced a Bangor exhibit of the pop-up art series “The Lexicon of Sustainability.” The University of Maine Office of Sustainability and Bangor Area Food Council were selected as curators of the exhibition designed to spur community dialogue to help strengthen local food systems. “The whole [pop-up show] series is focused on the words we use and educating people about the language of sustainability and what that means,” said Dan Dixon, UMaine’s sustainability coordinator and member of the food council who applied to bring the show to Bangor. The exhibit is located at COESPACE, 48 Columbia St., Bangor and will be open at noon June 5 and from 5—9 p.m. as part

of the Bangor Artwalk.

Neptune Re-Creates Penobscot Tribal Pieces, BDN Reports

08 Jun 2015

Jennifer Sapiel Neptune — University of Maine graduate, anthropologist, artist and member of the Penobscot Nation — was featured in a [Bangor Daily News](#) article. The story described how Neptune re-created a beaded ceremonial Penobscot headdress, two cuffs and a collar that Penobscot Nation Chief Kirk Francis wore last year at his inauguration. The original collar and cuffs, which served as models for her re-creations, can be found at UMaine's Hudson Museum. "All the objects in our collection provide links to the past and inspiration to contemporary artists," said Gretchen Faulkner, director of the Hudson Museum. "We are stewards of these objects for the community. Jennifer's work brings the objects full circle; it's a living collection."

TAPPI Announces 2015 Engineering Division Scholarship Winner, WhatTheyThink reports

08 Jun 2015

[WhatTheyThink.com](#) announced Kelsey Bolduc, a chemical engineering major at the University of Maine, as recipient of the Engineering Division Scholarship. The scholarship is presented to science and engineering students interested in pursuing an engineering career in the pulp and paper industry. Bolduc is one of two students who will be awarded scholarships at the 2015 Pulping, Engineering, Environmental, Recycling, Sustainability (PEERS) conference Oct. 25–28 in Atlanta, Georgia.

Sanford Harmony Program Cited in Education Week Blog for Receiving \$20 Million Donation

08 Jun 2015

The Sanford Harmony program, an early-childhood social skills program, was cited in an [Education Week](#) blog post about a \$20 million anonymous donation made to the San Diego-based National University. The University of Maine is one of nine university partners around the country that is promoting the program and training teachers through a professional development series called Sanford Inspire. The program aims to promote understanding and tolerance among children of different racial and ethnic groups and among children with disabilities. The donation will be used to expand the program nationwide. Collaborators hope to have 2,000 schools participating by the end of the year. As of June 2, UMaine has expanded its initiative statewide, and will be disseminated by the UMaine's College of Education and Human Development.

Former UMaine Swimming Coach Celebrates 60th Year Coaching, Swimming World Magazine Reports

08 Jun 2015

85-year old Alan Switzer, former men's swimming and diving coach for the University of Maine's Division I swim team, was featured in an article that appeared in [Swimming World Magazine](#), focused on his extensive career as a swimming coach at Hebron Academy, the University of Maine, and Plymouth State University. Switzer spent 19 years coaching swimming at UMaine before taking a position at Plymouth State University in New Hampshire, where he has led the women's Division III swimming and diving program for the last 25 years. Switzer has been inducted into the University of Maine and Hebron Academy Halls of Fame and was added to the state of Maine's Swimming and Diving Hall of Fame in April 2015. Switzer completed his undergraduate and graduate degrees at Harvard University before he pursued his successful coaching career.

Brewer Quoted in Portland Press Herald Article

08 Jun 2015

Mark Brewer, political scientist at UMaine, was quoted in an article that appeared in the [Portland Press Herald](#),

commenting on Gov. LePage's analogy comparing Maine's tax revenue, to a stool with three legs — Income tax, sales tax and property tax. Brewer said that it's common for politicians to use phrases repeatedly, referring to it as message reinforcement. "This one does seem inherently flawed. It's a bit of a head-scratcher," Brewer said of the analogy. "But Governor LePage is widely recognized for his colorful and inventive use of language."

Garland Cited in BDN Article Looking at Hunger Relief Groups in Maine

08 Jun 2015

Kate Garland, a horticulturist with the University of Maine Cooperative Extension program, was quoted in a [Bangor Daily News](#) article focused on various hunger relief programs happening across the state of Maine. "Farmers don't have time to donate their extra produce, during market. It's that time of year when they don't have a spare moment," said Garland. "But it really blew me away that first year to see how generous everyone was and how eager they were to see that the food was going to a good place where folks need it." Every week, volunteers visit Bangor-area markets to ask for donations, as part of an aftermarket gleaning program — which is the practice of collecting extra produce after the main harvest or market is over. Farmer's markets donate extra products to organizations such as Crossroads Ministry in Old Town, which then distributes them to residents in the area. "This is top-quality food, this is not seconds — although seconds are good too — but this is the stuff your or I'd be getting from the market, good stuff, breads, cheeses and meats," said Garland.

Media Cover the Annual Special Olympics Summer Games Hosted at UMaine

08 Jun 2015

WABI reported on the 47th annual Special Olympics summer games that was hosted at UMaine, where 1,500 athletes came together to compete. The competition began on June 4 with bowling and unified bowling. June 5 consisted of more bowling, bocce competitions, relays and time trials. June 6 events included track and field, which ended June 7 with the walk and mile run finals. The next Special Olympics competition will be the Winter Games which will occur at Sugarloaf in January.

Blackstone Quoted in Pacific Standard Magazine Article About Friendships Between Parents and the Childfree

08 Jun 2015

Amy Blackstone, University of Maine sociology professor, was referenced and interviewed in [Pacific Standard Magazine](#) as an expert sociologist who studies the child-free. Blackstone has interviewed dozens of people who've opted out of parenthood, in which she found that at least half of the child-free subjects reported tensions between themselves and their friends that had children. In the article, Blackstone states that understanding new priorities is key. "Maintaining the friendship requires patience on both sides. If you take a broader view of new parenthood and think of it as a major life event and recognize the relationships shift as a result of many life events...a new job, home, relationship...it might be easier to understand each other," said Blackstone.

Oppenheim Earns Fellowship, Will Engage with Fisheries Policymakers

08 Jun 2015

Noah Oppenheim, a graduate student at the University of Maine Darling Center in Walpole, Maine, has been awarded a Sea Grant Knauss Fellowship. The one-year paid fellowship provides a unique educational experience to graduate students interested in ocean, coastal and Great Lakes resources, and in national policy decisions affecting those resources. It matches graduate students with hosts in the legislative and executive branches of government in the Washington, D.C. area. Oppenheim's legislative fellowship begins in February 2016. "I am humbled and grateful for the opportunity to pursue a career in marine affairs at the federal level through the Knauss Fellowship," says Oppenheim, a candidate for the dual Master of Science degree (marine biology and marine policy). "Growing up and studying in Maine has taught me a great deal about how people use the ocean and its resources. Midcoast has been a wonderful place to live and work these past few years. I'm excited to be able to take the lessons learned from my time here with

me to Washington.” Rick Wahle, a research professor in UMaine’s School of Marine Sciences, is Oppenheim’s adviser. “I’m tremendously gratified to see that Noah’s being recognized for his hard work,” says Wahle. “He’s a great fit for the Knauss Fellowship because he’s eager to engage with stakeholders and policymakers in translating the findings and implications of new developments in fishery science.” Earlier this spring, the UMaine College of Natural Sciences, Forestry, and Agriculture presented Oppenheim with the George F. Dow Graduate Scholarship. In 2012, in a scientific first, Oppenheim videotaped lobsters cannibalizing their young on the ocean floor off Pemaquid Point. His thesis research involves developing and testing forecasting tools for population trends in the American lobster fishery. He has been supported by Maine Sea Grant and the National Science Foundation’s Coastal SEES (Science, Engineering and Education for Sustainability) Program. Oppenheim grew up in Falmouth. He graduated from Waynflete School in Portland, Maine, in 2005, the same year he became a Divemaster. During a year in college, Oppenheim studied hammerhead shark migration in the Galapagos Islands and was a crewmember on sailing vessels in the South Pacific. After he earned a bachelor’s degree in biology in 2010 from Reed College in Portland, Oregon, Oppenheim worked in the Bering Sea as a National Oceanic and Atmospheric Administration National Marine Fisheries Service groundfish observer and a deckhand on a salmon fishing vessel. The fellowship is named after John A. Knauss, a founder of Sea Grant and a former NOAA administrator. Contact: Beth Staples, 207.581.3777

Thirty-four College Students Interning with Government Agencies

08 Jun 2015

The 2015 Maine Government Summer Internship Program began May 26, with 34 college students interning in various state agencies. The Margaret Chase Smith Policy Center at the University of Maine administers the 2015 Maine Government Summer Internship Program — a full-time, 12-week, paid work experience. Students’ majors include political science, economics, engineering and environmental science. Most study at in-state colleges and universities, while others are Maine residents pursuing their education out of state. Departments hosting the interns include: Education; Labor; Transportation; Corrections; Administrative and Financial Services; Professional and Financial Regulation; Defense, Veterans and Emergency Management; Maine State Library; and Workers’ Compensation. For many years, the program has offered a unique opportunity for talented college students to work within Maine state government. Interns provide valuable assistance to state agencies while gaining practical and professional skills in their fields of study. Most interns are based in Augusta, while others travel to work in various parts of the state. The Maine Government Summer Internship Program was established in 1967 by the 103rd Maine Legislature to attract and select college students with ambition and talent for temporary internships within Maine state government. A total of 1,712 students have participated in the program. Undergraduate and graduate students who either reside in Maine or attend a Maine school are eligible. The 2015 interns:

- Joseph Greco, of Greene, Maine, is a political science/business management major at Thomas College. Greco is a property management intern in the Bureau of General Services/Property Management Division with the Maine Department of Administrative and Financial Services.
- Darine Gnidehoue, of Abidjan, Ivory Coast, is a actuarial science major at the University of Maine at Farmington. Gnidehoue is a tax examiner assistant for Maine Revenue Services with the Maine Department of Administrative and Financial Services.
- Alexander Roberts, of Randolph, Maine, is a mechanical engineering major at the University of Maine. Roberts is a special projects assistant with the Bureau of General Services in the Maine Department of Administrative and Financial Services
- Robert Potts of North Yarmouth, Maine, is a history/political science major at the University of Maine. Potts is a Juvenile Justice Advisory Group assistant with the Juvenile Justice Advisory Group in the Maine Department of Corrections.
- Haileigh Kochis, of Oakland, Maine, is a biology major at Carroll College. Kochis is an energy systems assistant with Facilities Engineering at the Maine Department of Defense, Veterans and Emergency Management.

William Noble, of Sidney, Maine, is an ecology and environmental science major at the University of Maine. Noble is a GIS intern in the Maine Emergency Management Agency at the Maine Department of Defense, Veterans and Emergency Management.

- Alyssa Withee, of West Gardiner, Maine, is a political science major at the University of Southern Maine. Withee is a community organizations disaster recovery/preparedness capacity building intern in the Maine Emergency Management Agency at the Maine Department of Defense, Veterans and Emergency Management.
- Spencer Shagoury, of Hallowell, Maine, is a government and legal studies major at Bowdoin College. Shagoury is an emergency operations planning intern at the Maine Emergency Management Agency in the Maine Department of Defense, Veterans and Emergency Management.
- Ashley Godbout of Hallowell, Maine, is a secondary education major at the University of Maine at Farmington. Godbout is a Maine Learning Technology Initiative assistant with the Maine Learning Technology Initiative at the Maine Department of Education.
- Fiona Sterling of Richmond, Maine, is a management/leadership major at Hellenic College. Sterling is a Maine Learning Technology Initiative assistant with the Maine Learning Technology Initiative at the Maine Department of Education.
- Laura Perez of Biddeford, Maine, is an international affairs major at the University of Maine. Perez is a migrant education field and office assistant in the Migrant Education Office with the Maine Department of Education.
- Jesse Juntura, of Greene, Maine, is a government/global studies major at the University of Maine. Juntura is a migrant education field and office assistant in the Migrant Education Office with the Maine Department of Education.
- Chauncey Devin, of Manchester, Maine, is a resource economics major at the University of Massachusetts Amherst. Devin is a research and planning intern in research and communications at MaineHousing.
- Taylor Talmage, of Auburn, Maine, attends the University of Maine School of Law. Talmage is a legal intern in the Office of the Public Advocate with the Maine Executive Department.
- Treva deMaynadier, of China, Maine, is an anthropology major at Oberlin College. deMaynadier is a migrant and seasonal farmworker survey assistant with the Maine Monitor Advocate at the Maine Department of Labor.
- Emily Colfer, of Manchester, Maine, is an international development major at Northumbria University. Colfer is a disability employment assistant in the Bureau of Employment Services at the Maine Department of Labor.
- Kathryn Bernatchez of Belgrade, Maine, is a political science major at Boston University. Bernatchez is a computer conversion project assistant with the Bureau of Employment Services at the Maine Department of Labor.
- Sarah Dean, of Richmond, Maine, is a marketing/international business major at the University of Maine. Dean is a communication assistant in the Office of the Commissioner at the Maine Department of Labor.
- Kyle Norweg, of Norridgewock, Maine, is a public and environmental affairs/Russian and East European studies major at Indiana University. Norweg is a publications intern with the Bureau of Unemployment Insurance at the Maine Department of Labor.
- Arianna Castonguay, of Augusta, Maine, is an economics major at the University of Maine. Castonguay is an assistant to the principal examiner at the Bureau of Consumer Credit Protection at the Maine Department of Professional and Financial Regulation.
- Kimberly Clark, of Portland, Maine, is an American and New England studies major at the University of Southern

Maine. Clark is a collections digitization intern at Collections, Digital Initiatives and Promotion with the Maine State Library.

- Pauline Bickford-Duane, of Orrington, Maine, is an English and French studies major at Wheaton College. Bickford-Duane is a collections digitization intern at Collections, Digital Initiatives and Promotion with the Maine State Library.
- Amanda Brackett of Vassalboro, Maine, is an environmental science major at Clark University. Brackett is an environment-natural resource field and data assistant at the Environmental Office with the Maine Department of Transportation.
- Noah Bosworth, of Farmingdale, Maine, is a conservation biology and ecology major at Montana State University. Bosworth is the Environment-Bridge Group assistant at the Environmental Office–Bridge Group with the Maine Department of Transportation.
- Alyssa Gartley, of South China, Maine, is a civil engineering major at the University of Maine. Gartley is a hydrology-water resources intern at the Environmental Office-Surface Water Resources Division with the Maine Department of Transportation.
- Drew Olechowski, of Lewiston, Maine, is an environmental engineering major at Rensselaer Polytechnic Institute. Olechowski is a hydrology-water resources intern at the Environmental Office-Surface Water Resources Division at the Maine Department of Transportation.
- Seikah Roberts, of Brunswick, Maine, is an environmental science major at Juniata College. Roberts is an Office of Audit assistant in Finance and Administration with the Maine Department of Transportation.
- Eric Sanderson, of Falmouth, Maine, is a political science/economics major at Stonehill College. Sanderson is a transportation planning intern in the Office of Planning at the Maine Department of Transportation.
- Grace Gould, of Waterville, Maine, is a chemistry major at the University of Maine. Gould is a GIS/data inventory assistant with the Results and Information Office at the Maine Department of Transportation.
- Andrew Roberts, of Randolph, Maine, is a mechanical engineering major at the University of Maine. Roberts is a traffic engineering work zone safety and mobility assistant in Maintenance and Operations at the Maine Department of Transportation.
- Lindsay Bellegarde, of Waterville, Maine, is a criminal justice major at Thomas College. Bellegarde is an ADA inventory assistant in the Civil Rights Office at the Maine Department of Transportation.
- Robert Swain, of Augusta, Maine, is a chemistry/mathematics major at Columbia University. Swain is an ADA inventory assistant in the Civil Rights Office at the Maine Department of Transportation.
- Sam Nielsen, of Manchester, Maine, is a civil engineering major at Rensselaer Polytechnic Institute. Nielsen is a traffic engineering/ancillary structures intern in Maintenance and Operations at the Maine Department of Transportation.
- Helen Hanson, of South China, Maine, is a paralegal studies major at Husson University. Hanson is a legal assistant with the Advocate Division, Portland Regional Office, of the Maine Workers' Compensation Board.

Contact: Charles Morris, 207.581.4135

BDN Cites Four of UMaine's Most Inspirational Commencement Speakers

09 Jun 2015

The [Bangor Daily News](#) compiled "17 rules to live by," delivered to Maine graduates in recent years by Commencement speakers. Four of the 17 speakers who made the list spoke to UMaine graduates: Tess Gerritsen, 2014; Lawrence Bender, 2013; Stephen King, 2005; U.S. Sen. Angus King, who was then Maine governor, 2002.

Maine Writing Project in Second Year of Teacher Leadership Grant

09 Jun 2015

The Maine Writing Project (MWP) led by Kenneth Martin in the College of Education and Human Development has received \$10,000 for the second half of a two-year SEED Teacher Leadership Development Grant from the National Writing Project. MWP, founded in 1997, is one of almost 200 university-based organizations in the National Writing Project that support young writers and teachers of writing throughout the United States. Each year, up to 20 educators complete UMaine's annual institute in writing, the teaching of writing, and teacher leadership — joining our membership of more than 300 teacher-consultants. Program activities for members include book study groups, online writing groups, and the Maine Writes publication of members' writing, as well as professional development workshops and conferences for educators across Maine. Outreach activities include young authors summer camps for grades 3-12, support for student-staffed writing centers in Maine schools, and the Science Around ME Internet app project for science and literacy in partnership with the Maine Discovery Museum. Funds provided by the NWP SEED Grant are essential to continuing these programs.

Oxford County 4-H to Host Livestock Clinic

09 Jun 2015

University of Maine Cooperative Extension 4-H in Oxford County hosts its June Jamboree Livestock Clinic from 9 a.m. to 6 p.m. Saturday, June 13, and from 9 a.m. to noon Sunday, June 14, at Fryeburg Fairgrounds, 1154 Main St., Fryeburg. The clinic, for 4-H club members and leaders, offers sessions on sheering sheep, showing market lambs, swine and beef, and caring for livestock. The event is free and open to members of public interested in learning about 4-H and animal science projects. For more information, or to request a disability accommodation, call 207.743.6329 or email rebecca.mosley@maine.edu.

Children's Book Drive to Benefit Literacy Volunteers

09 Jun 2015

The 3rd Annual Children's Book Drive to benefit Literacy Volunteers will be held from 11 a.m. to 5:30 p.m. June 23, at Briar Patch Book & Toy Store, 27 Central St., Bangor. The rain date is June 25. All proceeds and books collected will benefit Literacy Volunteers of Bangor, a program aimed to help adults and families learn how to read. The event will include free ice cream, read-alongs with Literacy Volunteers and a guest reading of "Faraway Friends" by Russ Cox. Donations of new and gently used book donations may be dropped off through June 30 at Darling's Auto Group locations in Augusta, Bangor, Brewer and Ellsworth. Sponsors include Literacy Volunteers of Bangor, The Briar Patch, the University of Maine College of Education and Human Development and Darling's Auto.

UMS Chancellor Signs Transfer Agreement

09 Jun 2015

Many media outlets covered University of Maine System Chancellor James Page and Maine Community College System Acting President Derek Langhauser signing an agreement so students enrolled in any of Maine's 14 community colleges and public universities can complete as many as 35 credits of their general education requirements and transfer that block of credits, for full credit, to any of the other institutions within the two systems. Media that covered the signing include [WLBZ2](#), [WCSH6](#), [Mainebiz](#), [MaineToday Media](#), [Bangor Daily News](#), [WGAN Radio](#) and [WABI TV5](#). The Sun Journal carried the Bangor Daily News story and [MPBN](#) carried the Associated Press report. To read the University of Maine System release, visit maine.edu/maines-14-public-colleges-universities-sign-far-reaching-transfer-agreement.

Barron Weighs in on Basketball Changes in BDN

09 Jun 2015

Richard Barron, University of Maine women's basketball coach, commented to the [Bangor Daily News](#) on several changes the NCAA Playing Rules Oversight Committee approved for the 2015-16 season. Changes include a game format of four, 10-minute quarters (switching from 20-minute halves) and having the bonus (two-shots) come into effect on the fifth foul of each quarter. The bonus from the fourth quarter will carry into overtime. "I like bringing the rules more in line with FIBA rules with the quarters," Barron was quoted as saying. "No one enjoys watching a game where there are 40-plus free throws, so resetting the fouls at the quarter break should help with that." In addition, in the final 59.9 seconds of the fourth quarter and overtime, a team that calls a timeout immediately after a made basket, after a defensive rebound or after a change of possession, can inbound the ball in the frontcourt. That change, said Barron in the article, will make late-game possessions more exciting.

Erhardt Touts College Hockey in WalletHub Q-&-A

09 Jun 2015

Niclas Erhardt, associate professor of management at University of Maine, was an expert source for [WalletHub](#)'s article that ranked the best and worst cities for professional and college ice hockey fans. Pittsburgh, Pennsylvania was ranked best and Springfield, Massachusetts was ranked worst. When asked for tips for fans to enjoy the sport without breaking the bank, Erhardt encouraged enthusiasts to check out college hockey as game tickets run \$15-\$20, compared to the \$100 that tickets to professional games cost. "College hockey, especially DI, is very competitive and is an opportunity to see up and coming players that might play in the NHL later on," he said, listing former UMaine players Gustav Nyquist and Ben Bishop as examples.

Perry's Research Makes NSF List of Ocean Facts

09 Jun 2015

Mary Jane Perry's research was included in a list of 10 things people might not know about the ocean that the [National Science Foundation](#) compiled in celebration of World Oceans Day on June 8. Perry is interim director of the Darling Marine Center and professor in the School of Marine Sciences. Her research appears as No. 5 on the list: "Just as crocus and daffodil blossoms signal the start of a warmer season on land... a massive bloom of microscopic plants unfolds each spring in the North Atlantic Ocean from Bermuda to the Arctic."

UMaine Students, Staff Removing 11,000-year-old fossils from Cave, Media Report

09 Jun 2015

University of Maine staff and students are taking part in a two-week field camp at Wind Cave National Park in Hot Springs, South Dakota. Jim Mead of East Tennessee State University is head of the multi-organization crew that will remove material that contains fossils from at least 22 species dating back 11,000 years. The crew also will screen-wash the material and prepare it for curation. Persistence Cave, as it has been dubbed, was discovered in 2004, according to the [Rapid City Journal](#), NewsCenter 1 TV and [newser](#). NewsCenter 1 TV reported that scientists said preliminary samples from the 11,000-year-old animal bones will help them understand how the region, including climate, has changed.

UMaine Researchers Explore Using a Newly Discovered Pathogenic Fungus to Scale Back Invasive Fire Ant Populations in Maine

10 Jun 2015

University of Maine researchers are one step closer to controlling the ever-growing invasive fire ant populations,

Myrmica rubra, that have been spreading throughout Maine for the last 15 years. Due to the highly competitive and aggressive behavior of these fire ants, eradication has proven to be almost impossible. UMaine researchers are turning their attention to a different kind of control to try and combat these tiny stinging insects. Their weapon — pathogenic fungi. “We are attempting to try and grow this newly discovered fungi in the lab in order to look at its utility for management of the ants, but it may be too difficult to reproduce which would hamper its development as a biological control mechanism. We aren’t convinced, but we are looking into it,” said Eleanor Groden, UMaine professor of biological sciences. “It has some potential.” By encouraging the growth of the pathogenic fungi, these researchers hope to scale down the populations of invasive fire ants, which will alleviate Maine residences from the painful stings the tiny insects administer. In an article that appeared in the Journal of Invertebrate Pathology, titled “*Ophiocordyceps myrmicarum*, a new species infecting invasive *Myrmica rubra* in Maine” researchers Rabern Simmons (now at the School of Forest Resources and Conservation at the University of Florida), Groden, Jennifer Lund and Tamara Levitsky isolated and described a newly discovered fungus which they identified as being a member of the genus *Hirsutella*. The fungi is the first species in this genus to be isolated from the North American European fire ant in New England, though there are two other pathogens within the genus which infect *M. rubra* in the United Kingdom. The researchers suspect that the relatedness of the taxa infers that *O. myrmicarum* is a native of North America or a relatively recent immigrant along with the invasive European fire ant. They also hypothesize that the dramatic increase in fire ant populations over the last decade could be causing increased transmission of the fungi and could explain why we have only observed the fungi in Maine, not in European ant populations. Ants were collected live from Acadia National Park near Breakneck Ponds, Mount Desert Island, in fall 2010 and 2011. The researchers isolated and maintained the ants in cultures in order to collect morphological data. They then used techniques such as DNA extraction, amplification, sequencing and phylogenetic analysis to determine if it was, in fact, a new species. The researchers conducted an exposure trial in seven separate chambers, four of which were inoculated with the fungi. Of the four chambers exposed with *O. myrmicarum*, all individuals died within 30 days, whereas no ants in the remaining three chambers died during the same period. Once dead, the infected ants were transferred to well plates to be monitored for several weeks, during which 20 of the 73 dead ants produced the reproductive structure of the fungal pathogen. The exotic ant species was first documented in New England in the early 1900s. According to the researchers, the native populations — ranging from Great Britain to Siberia and the Black Sea to the Arctic — remain relatively low in population density. But in New England and other various locations throughout North America, the population density is high for the invasive species. “There are a lot of steps between what we are doing and determining if a strategy like this would be viable. But, it’s very exciting,” said Groden. Contact: Amanda Clark, 207.581.3721 *Photo courtesy of Jennifer Lund*

UMaine Extension Updates Avian Flu Information

10 Jun 2015

Anne Lichtenwalner, associate professor of animal and veterinary sciences, University of Maine Cooperative Extension, has updated information about avian influenza (AI) in a bulletin for poultry producers. On June 8, the Michigan Department of Natural Resources reported a confirmed case of avian flu in Michigan, making it the 21st state in the U.S. affected by the outbreak. AI is a contagious type A influenza virus of birds that occurs worldwide. Some strains can mutate and are capable of affecting other animals and occasionally people. AI is spread via respiratory droplets, saliva, mucus and manure. It also may be capable of airborne spread, if conditions allow. The updated information is in Bulletin 2109, *Avian Influenza and Backyard Poultry 2015* (umaine.edu/publications/2109e). More information about the publication, as well as free downloads, are available at extensionpubs.umext.maine.edu and by contacting extension.orders@maine.edu, 207.581.3792. Lichtenwalner will blog updates on umaine.edu/veterinarylab. Contact: Beth Staples, 207.581.3777

UMaine Researchers Among International Scientists Published in 'Conservation Biology'

10 Jun 2015

Conserving nature's stage — the physical features such as landform, soil and bedrock that contribute to species biodiversity — is the focus of a special section of the June issue of the international journal *Conservation Biology* that includes research by two internationally recognized scientists at the University of Maine. The special section emphasizes the value of incorporating a variety of geophysical settings into conservation planning when managing

diverse species adapting to climate change. Malcolm Hunter, UMaine's Libra Professor of Conservation Biology; Paul Beier of Northern Arizona University; and Mark Anderson of The Nature Conservancy are the guest editors of the journal section, which includes 10 research papers by 33 co-authors on the conservation approach known as conserving nature's stage (CNS). The approach provides a structure for creating conservation plans that recognize that nature is dynamic and resilient, and needs arenas for evolution. In 2013, Hunter, Beier and Anderson led a three-day international workshop on the CNS approach to conservation management, funded by the Doris Duke Charitable Foundation. The result is the collection of papers now featured in the *Conservation Biology* special section. The principal paper authors include Jacquelyn Gill, UMaine assistant professor of terrestrial paleoecology, writing on "A 2.5-million-year perspective on coarse-filter strategies for conserving nature's stage." Gill, Hunter and four other co-authors explore how geodiversity minimized the number of global extinctions caused by past episodes of climate change, despite many local extinctions. They conclude that CNS accommodates dynamic processes, including extinction, evolution, community turnover and novelty, and acknowledges changes as "intrinsic properties of the very nature we aim to conserve." Hunter also co-authored two of the other research papers: "Incorporating geodiversity into conservation decisions" and "Why geodiversity matters in valuing nature's stage." A related story by The Nature Conservancy is online. Contact: Margaret Nagle, 207.581.3745

‘With Ties to Maine,’ Exhibit at UMMA Celebrates 150th Anniversary, Maine Edge Reports

10 Jun 2015

Artwork from internationally recognized artists with strong connections to Maine will be the focus of the University of Maine Museum of Art exhibit, reports an article in [The Maine Edge](#). The exhibit will run from June 19 to Sept. 19 and will showcase more than 20 pieces from the museum's permanent collection. Some artist that will be showcased are John Marin, Andrew Wyeth, Alex Katz, Berenice Abbott and Neil Welliver — all of which spent significant time in Maine and were influenced by its "natural beauty and unique sense of place." "Maine has such a rich, artistic history," said George Kinghorn, the museum's director and curator. "The museum is delighted to share works by artists who have put Maine on the map internationally." The University of Maine Museum of Art is open to the public 10 a.m. to 5 p.m. Monday through Saturday. More information about the museum is [online](#).

Survey Conducted by UMaine Social Work Students cited, BDN Editorial

10 Jun 2015

As outlined in the [Bangor Daily News](#) editorial, three UMaine social work students — Mikala Thompson, Alaina Crowley and Daniel Cohen — were cited for conducting a phone survey earlier this year, in which they contacted 112 physicians who were included on the Maine State Opioid Treatment Authority list of Suboxone providers. The students wanted to know how many doctors in the state prescribed Suboxone, which is an alternative treatment drug given to recovering opioid addicts. The graduate students found that [less than half](#) of the listed doctors prescribed the drug, with 42 saying that they had stopped prescribing the addiction treatment drug. Of the 112, 27 did not respond. "It was really amazing that just over a third of the people that we contacted ... could say, 'No we're not prescribing Suboxone,'" Thompson said.

UMaine Graduate Student Awarded Fellowship in D.C., Media Reports

10 Jun 2015

According to an article that appeared in [Boothbay Register](#), Noah Oppenheim, graduate student at the University of Maine Darling Marine Center, was recently awarded a Sea Grant Knauss Fellowship. "I am humbled and grateful for the opportunity to pursue a career in marine affairs at the federal level through the Knauss Fellowship," said Oppenheim. Rick Wahle, UMaine research professor in the School of Marine Sciences and adviser to Oppenheim, was also quoted in the article. "I'm tremendously gratified to see that Noah's being recognized for his hard work," said Wahle. "He's a great fit for the Knauss Fellowship because he's eager to engage with stakeholders and policymakers in translating the findings and implications of new developments in fishery science." The one-year paid fellowship is aimed to give graduate students — interested in ocean resources and national policy — experience working with legislative and

executive branches of government in the Washington, D.C. area. His fellowship — which is named after John A. Knauss, founder of Sea Grant and a former NOAA administrator — will begin in February 2016.

UMaine Professor Links Home Care for Elderly and Poverty, BDN Opinion

10 Jun 2015

Sandy Butler, UMaine professor of social work and graduate program coordinator in the School of Social Work, contributed an Opinion article in the [Bangor Daily News](#) about the link between home care for the elderly and pulling individuals out of poverty. Butler is a member of the Maine chapter of the national Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members' columns appear in the BDN every other week.

Temperatures Impacting Blueberry Crop Pollination, UMaine Expert Reports in Ellsworth American

10 Jun 2015

David Yarborough, wild blueberry specialist with the University of Maine Cooperative Extension was quoted in an [Ellsworth American](#) article about cooling temperatures and the affect they have on blueberry crop pollination by keeping temperature-sensitive bees from pollinating blueberries. "If they had adequate bees, they probably did OK," said Yarborough. "But I would say conditions are far from optimal."

Target Technology Open House on June 11, Media Reports

10 Jun 2015

A free open house will be hosted at the Target Technology Center on Thursday, June 11 from noon to 2 p.m., according to a Press Release from [The Maine Edge](#). The open house will include tours of the facility, a barbecue and opportunities to meet innovators within the Target Technology Center community. "The open house is an opportunity to have lunch with us, meet our amazing tenants and take a tour of our great facility," says Jesse Moriarity, co-director of the TTC. The center is a partnership of Bangor Area Target Development Corporation, the town of Orono, the University of Maine and the state of Maine.

Tomato Plant Give-away Announced in BDN

11 Jun 2015

The Bangor Daily News carried a University of Maine Cooperative Extension press release announcing it would give away more than 400 cherry tomato plants as part of the One Tomato Project — "to grow healthier communities, one tomato at a time." Tomato plants will be distributed in June at county food cupboards in Dover-Foxcroft, Guilford and Greenville; June 13 at the Black Fly Festival in Milo; and the week of June 15 at the UMaine Extension office at 165 East Main St. in Dover-Foxcroft.

Barkan Co-authors Column About Crime in BDN

11 Jun 2015

Steven Barkan, a criminologist and professor of sociology at the University of Maine, co-authored a column for the [Bangor Daily News](#) that refutes what has been labeled as the "Ferguson effect" — that in response to protests about policing shootings, officers in cities are less proactive, which results in a rise in urban violence. The authors refute the claim, saying crime rates fluctuate, a number of factors account for why crime rates rise and fall, and that crime in some major cities has decreased. "The recent accounts of a 'Ferguson effect' are not based on scientific evidence but on nothing more than lazy — at best, nefarious at worst — journalism. They smack of the old tools used to disguise racially charged arguments. In the future, such staunch claims must be backed by science, if they should be made at all," they wrote. Barkan is a member of the Scholars Strategy Network that addresses public challenges and policy implications.

WVII Promotes New BxG Innovation Hubs

11 Jun 2015

The University of Maine was mentioned in a WVII (channel 7) story about Blackstone Accelerates Growth's (BxG) newest Innovation Hubs — the York County Innovation Hub and the Lewiston Auburn Innovation Hub. Innovation Hubs are cornerstones of the BxG initiative in Maine. They're designed to connect entrepreneurs and businesses, provide access to resources and to accelerate growth. UMaine is partner of BxG.

Native American Tuition Waiver Cited on Indian Country Today Media Network.com

11 Jun 2015

The University of Maine was listed as one of several universities nationwide that offer free tuition to American Indian residents, in an online piece in [Indian Country Today Media Network.com](http://IndianCountryTodayMediaNetwork.com). In February, two Colorado senators introduced the Native American Indian Education Act; it would provide funding to states to fulfill the federal mandate that colleges and universities cover the cost of tuition for out-of-state American Indian students. The mandate was a condition under which the college or state received its original grant of land and facilities from the United States. The bill, it was reported, has 37 co-sponsors from 17 states.

Rapid City Journal Mentions UMaine Researcher, Student at Wind Cave National Park Dig

11 Jun 2015

University of Maine researcher Jacquelyn Gill and student Chason Frost were mentioned in a story about an excavation at Wind Cave National Park in South Dakota in the [Rapid City Journal](http://RapidCityJournal.com). The story compared Frost to a Gold Rush-era prospector who "carefully bathed a pan full of rock and course (sic) sediment in a small pool of water to reveal the tiniest pieces of treasure" as he searched for remains of small animals that lived 11,000 years ago. The excavation project, according to the story, has revealed fossil remains of at least 22 different species recovered from a dug-out section of the cave 27 feet long and less than two feet high. "What's really cool about the cave is that it includes these animals that are both extinct and animals that are survivors of the Ice Age," said Jacquelyn Gill, assistant professor UMaine assistant professor of paleoecology and plant ecology, who was sifting through tiny fossilized teeth, vertebrae and rib bones. "When you can put all these different pieces of ecosystem together," Gill was quoted as saying, "it basically gives you a sense of how an environment changes as the climate changes."

Phys.org Picks up Fire Ant Research Release

11 Jun 2015

Phys.org picked up a University of Maine release about university researchers testing pathogenic fungi as a way to manage invasive fire ants spreading throughout Maine.

Abedi Quoted in PPH Piece About Cell Tower Emissions

11 Jun 2015

Ali Abedi, University of Maine associate professor in electrical and computer engineering, was cited in a [Portland Press Herald](http://PortlandPressHerald.com) story about radio frequency emissions from a cell tower on the Deering High School roof that will be tested after a biology teacher reported fish in a room below the tower kept dying. Abedi said radio frequency waves barely penetrate water and do not damage DNA. He said they generate heat and that hypothetically an excessively high concentration of radio waves from a cell tower could cause a burn or excessive heat. "Maybe if (the fish) spent a lot of time on the surface," Abedi was quoted as saying, adding that conclusions cannot be reached unless experiments on the fish are done in a controlled, scientific manner. "I really doubt this is the cause of the fish dying," he was quoted in the article.

Mark Dwyer: From Student to Staff

11 Jun 2015

Mark Dwyer is a staff member and graduate student. After high school in Hampden, Maine, Dwyer enrolled in chemical engineering at the University of Maine. He quickly realized chemical engineering wasn't a good fit and decided to leave school to pursue real-world experience. He worked as a carpenter, a pipe welder and a night janitor, which gave him perspective, experience and hands-on skills he would eventually use to renovate his own home. Eventually, Dwyer realized that in order to have the career he wanted, he would need to return to school. After researching possible options, he decided that a civil engineering degree would best cover all the areas he was interested in. In fall 2011 he again enrolled at UMaine. Dwyer was familiar with the Advanced Structures and Composites Center from newspaper articles and was impressed with the center's research. It seemed like a good fit for his skills, so he toured the facility, submitted his resume, and by his second semester, was working as an undergraduate employee. Dwyer was recognized as the student employee of the year for UMaine and statewide for the year of 2013–14. The award reflected his exceptional performance on two sets of engineering drawings. In 2012–13, he led production of a set of engineering drawings that detailed the construction and assembly sequence of VoltturnUS 1:8, the first grid-connected floating wind turbine in the Americas. In 2013–14, Dwyer led the production of another set of engineering drawings for a full-scale VoltturnUS. Though he was an undergraduate student at the time, he handled work usually reserved for full-time staff, earning the respect of center staff and students. In May 2014, Dwyer graduated with a bachelor's degree in civil engineering and is now a full-time research engineer. He also is pursuing a master's degree in civil engineering. Dwyer is currently investigating how steel hull designs for floating wind turbines compare to concrete hulls.

UMaine Scientists Taking Part in Dig at Wind Cave National Park

11 Jun 2015

A University of Maine researcher, a doctoral student and an undergraduate are at Wind Cave National Park in Hot Springs, South Dakota excavating cave fossils that date back 11,000 years to the end of the most recent ice age. Scientists say preliminary samples from the material — which includes at least 22 species — will help them understand how the region, including climate, has changed. The UMaine contingent includes Jacquelyn Gill, assistant professor of paleoecology and plant ecology; Jeff Martin, a Ph.D. student affiliated with Integrative Graduate Education and Research Traineeship (IGERT); and Chason Frost, an undergraduate. The UMaine trio has partnered with the Mammoth Site of Hot Springs for the project centered around a cave that is 27 feet long and less than two feet high. "What's really cool about the cave is that it includes these animals that are both extinct and animals that are survivors of the Ice Age," Gill told the Rapid City Journal as she sifted through fossilized teeth, vertebrae and rib bones the size of fingernail clippings. "When you can put all these different pieces of ecosystem together it basically gives you a sense of how an environment changes as the climate changes." Gill is working with plant fossils and Martin is interested in bison fossils. Marc Ohms, a physical science technician at the park, discovered Persistence Cave, as it has been dubbed, in spring 2004; its presence was kept a secret until now so amateur explorers wouldn't damage the material inside. Jim Mead of East Tennessee State University is head of the crew that also will screen-wash the material and prepare it for curation. The UMaine contingent will take part in live-tweeting sessions (twitter.com/hashtag/cavebison), in partnership with UMaine's Follow a Researcher, at 1 p.m. EST Tuesday, June 16, and Thursday, June 18. The expedition hashtag is #cavebison. In addition, Martin is blogging about the experience at bisonjeff.weebly.com/bisonlarge-blog. Contact: Beth Staples, 207.581.3777

McCarthy Featured in Master Food Preserver Workshop, Media Reports

12 Jun 2015

An event on June 16 at the Lithgow Public Library will feature Kate McCarty, master food preserver for the University of Maine Cooperative Extension, Centralmaine.com reports. The free workshop will be from 6 to 7:30 p.m. in the program room of Lithgow's temporary quarters at the Ballard Center, 6 East Chestnut St. and will give participants tips on garden planning and optimal canning techniques. McCarty manages 40 volunteer educators through UMaine Extension, teaches canning classes, maintains a food blog and authored the book "*Portland Food: The Culinary Capital*

of Maine.” For more information, call Lithgow Library at 207.626.2415 or visit lithgow.lib.me.us.

UMaine Graduates Win NSF Science Grant, Cited by Portland Press Herald

12 Jun 2015

[Revolution Research Inc.](#), an Orono-based company founded by UMaine graduates Nadir Yildirim and Alex Chasse, will receive \$225,000 grant from the National Science Foundation to create a prototype for the first 100 percent eco-friendly thermal insulation foam board, reported in an article in the [Portland Press Herald](#). The award will allow the team to rent space and buy equipment for their own laboratory. Chase, who graduated from UMaine in 2013 with a degree in civil engineering, is working as a researcher at the university’s Advanced Structures and Composites Center. The company — founded last year — won the UMaine Business Challenge, and a \$5,000 award for their business plan. Yildirim credited the UMaine Foster Center for Student Innovation for the skills he learned that enabled him to be an entrepreneur. “They taught me not to fear and how to feel the passion. The passion is the strongest part,” he said. “You should believe in what you’re doing, focus on it. No fear. Otherwise, you will get stuck at some point. You need to trust in yourself 100 percent.”

UMaine Composites Center Awarded \$77.4 Million for Research and Development of New Blast-resistant Material

12 Jun 2015

According to an article in the [Portland Press Herald](#), The Senate Appropriations Committee has approved \$1 billion toward the construction of an additional DDG-51 destroyer, U.S. Sen. Susan Collins announced Thursday. If the funding bill becomes law, the additional destroyer would likely be built at Bath Iron Works. The defense appropriations bill will also provide \$77.4 million for the University of Maine’s Advanced Structures and Composites Center to research and develop blast-resistant materials. Increased funding for defense purchases, including \$7.27 million for the construction of a Secure Hybrid Composite Container and the creation of a pilot production line in the United States. Funded by the Department of Homeland Security, the Composites Center has developed a shipping container in response to secure shipping guidelines.

Artist Launches Floating Sculpture in Kenduskeag Stream, Solo Exhibit to Open in June, Says the BDN

12 Jun 2015

The [Bangor Daily News](#) reported that Anna Helper, with the help of a few volunteers, dropped her floating sculpture off a footbridge into the Kenduskeag Stream behind the University of Maine Museum of art. Hepler’s solo exhibit “Blind Spot” — featuring more than 25 sculptures and two-dimensional artworks — is scheduled to open June 19 at the University of Maine Museum of Art, according to museum director and curator George Kinghorn. Hepler said she hopes to move the floating sculpture elsewhere in Maine once her exhibit closes Sept. 19.

Pest Control Technology Picks Up UMaine Fire Ant Research Release

12 Jun 2015

[Pctonline.com](#) picked up a University of Maine release about a group of researchers testing pathogenic fungi as a way to manage invasive fire ants spreading through Maine.

Physics is Fun at Science Summer Camps

15 Jun 2015

Make liquid nitrogen ice cream and race rubber band boats at the University of Maine Physics Department's fifth Science Summer Camps. Other camp activities include visiting the Emera Astronomy Center, building bridges, making kaleidoscopes, constructing bottle rockets and attending the Mainely Physics Roadshow. Each themed week of camp is

designated for youth in one of three age groups — grades K–2, 3–5 and 6–8. Dates, themes and age groups for the camps are: June 29-July 3, Space and Energy (6–8); July 6–10, Astronomy (K–2); July 20-24, Math and Art, (K–2); July 27–31, Astronomy (3–5); Aug. 10-14, Math and Art (3–5); and Aug. 17-21, Space and Energy (6–8). Cost is \$170 per week per child. Sign up more than one child, or one child for more than one week, and receive a 20-percent discount (\$136 per week). To register, or for more information, visit physics.umaine.edu/summer-camp.

Fuller Quoted in Portland Press Herald, Sustainable Nut Choices for Mainers

15 Jun 2015

David Fuller, agriculture and non-timber forest products professional with the University of Maine Cooperative Extension says Maine is a tough place for nuts, the [Portland Press Herald](#) reports. For Mainers looking for a nut that is a sustainable choice, Fuller recommends hybrid hazelnuts, though he warns that hazelnuts vary in size and shell thickness and are favorites of rodents and blue jays.

Portland Selected to Host Global Arctic Conference in 2016, Opportunities for UMaine Researchers

15 Jun 2015

The State Department has chosen Portland to host an international forum on the Arctic next year, reports the [Portland Press Herald](#). This will be the first time a meeting in the United States will be held outside of Alaska. Approximately 250 delegates are expected to attend the forum including scientists, business leaders and senior government officials from eight Arctic nations. Gordon Hamilton, a professor at the Climate Change Institute and School of Earth and Climate Sciences at the University of Maine, says the meeting presents an opportunity for scientist to share their expertise.

Creech Quoted in BDN Article, Funding for Student-athletes

15 Jun 2015

University of Maine director of athletics Karlton Creech said in an article in the [Bangor Daily News](#) that it is unlikely that the athletic department will be able to provide cost-of-attendance funds to student-athletes. At UMaine, the calculated cost-of-attendance number after scholarship expenses is \$2,400. Creech estimated that if about 200 of UMaine's 400 athletes are receiving some form of scholarship, it would cost the department an estimated \$480,000 for 2015–16. "There's no way, right now, that I have a way of affording that for everybody," he said.

Orono Startup Receives \$225K NSF Grant, Reported MaineBiz

15 Jun 2015

[MaineBiz](#) reported that the company Revolution Research Inc. — founded by UMaine graduates Nadir Yildirim and Alex Chasse — is receiving a \$225,000 grant from the National Science Foundation for the development of a new environmentally friendly foam board insulation product.

Brewer Quoted in Article About Emily Cain's Congressional Race

15 Jun 2015

A group is rallying early for Emily Cain — former state senator from Orono — in anticipation of the 2016 primary, reported an article in [CentralMaine.com](#). Cain lost to U.S. Rep. Bruce Poliquin in the 2014 race for Maine's 2nd congressional district. Mark Brewer, University of Maine political science professor, said external factors should favor Democrats, calling the race a toss-up and Emily Cain is a strong candidate. "That all being said, Poliquin's going to be tough to beat in November of 2016," he said.

Artists and Volunteers Flip Floating Sculpture, BDN Reports

15 Jun 2015

Eastport artist Anna Hepler and two volunteers waded through the Kenduskeag Stream at low tide Friday to flip her floating sculpture rightside up, reported the [Bangor Daily News](#). Hepler's solo exhibit "Blind Spot" is slated to open June 19 at the University of Maine Museum of Art. The exhibit will feature more than 25 sculptures and two-dimensional artworks, according to museum director and curator George Kinghorn.

Kelly Quoted in Article Opposing Maine Dredging Plans

15 Jun 2015

More than 100 people were present for the public meeting at Searsport District High school to discuss the plan to deepen and widen the navigation channel at Mack Point marine terminal, reported [The Republican Journal](#). Opponents of the plan fear that dredging will disperse toxic materials that were left over decades of heavy industry around Penobscot Bay. Biologist, like Joseph Kelly — professor of marine biology at the University of Maine — are concerned that disturbing the dredge area and disposal site could release significant amounts of methane gas. Kelley has worked extensively on mapping the seafloor of the Gulf of Maine, and said the methane would have come from organic matter that grew in marshes 10,000 to 12,000 years ago when the sea level was lower than it is today. That material would have been covered in mud when sea levels rose and undergone a gradual anaerobic decomposition, creating methane gas in the process.

Peterson to Talk at Welfare and Safety of Racehorse Summit, Media Reports

15 Jun 2015

According to The Handicapper's Edge, Mick Peterson, executive director, Racing Surfaces Testing Laboratory, and engineering professor at the University of Maine, will be a featured speaker at this years Welfare and Safety of Racehorse Summit on July 8.

Global Warming, Maine's Lobster Industry Parody Featured in Portland Press Herald Article

15 Jun 2015

The animation, "A Climate Calamity in the Gulf of Maine: The Lobster Pot Heats Up," — produced by a husband and wife animation team in Rockland and funded by the Maine Sea Grant College Program at the University of Maine — was featured in an article in the [Portland Press Herald](#).

BDN Article Focuses on Alternative Gardens, Gibson and Coffin Quoted

15 Jun 2015

Ellen Gibson, AgrAbility specialist with [Maine AgrAbility](#) — a nonprofit collaboration of the University of Maine Cooperative Extension, Goodwill Industries Northern New England and Alpha One — is allowing gardens to be more accessible to everyone, regardless of ability, reports the [Bangor Daily News](#). "I think of it similarly to the concepts of universal design in architecture, designing gardens for everyone, regardless of age or ability," Gibson said. The article also quoted Donna Coffin, an educator with the University of Maine Cooperative Extension in Penobscot County, who explained that alternative gardens often come in trends. For example, there was a big movement a few years ago to create lasagna gardens, layered spaces made with compostable materials that slowly turn into soil. "Every year there's new techniques," Coffin said. "This year the new thing is straw bale gardening."

Nominations Sought for Women of Achievement, Young Women's Social Justice Awards

15 Jun 2015

Nominations are invited for the Maryann Hartman Awards for Maine Women of Achievement and the Maryann Hartman Young Women's Social Justice Award. Each year since 1986, the Maryann Hartman Awards Ceremony has celebrated significant contributions of Maine women in a variety of fields. The awards are named after Maryann Hartman, a University of Maine associate professor of speech communication from 1969 to 1980 and a pioneer in the field of oral interpretation. Her work included comparisons of language patterns of Maine women and men born before 1900; oral autobiographies of Maine women born before 1900; and the use of oral interpretation to influence public policy. Hartman died of cancer in 1980. "The Maryann Hartman Awards are a highlight of our year," says Mazie Hough, director of the University of Maine Women's, Gender, and Sexuality Studies Program, which organizes the awards. "It is always inspiring to see the wide variety of accomplishments of women who have committed themselves to making Maine what it should be." The Maryann Hartman Awards for Maine Women of Achievement is presented to three distinguished Maine women who have demonstrated strong leadership and role modeling in their respective fields and who reflect and honor Hartman's commitment to women and community. Previous winners include Margaret Chase Smith, Olympia Snowe, Joan Benoit Samuelson, Dora Anne Mills, Shenna Bellows, Tabitha King and Jennifer Finney Boylan. The Maryann Hartman Young Women's Social Justice Award recognizes a young woman 12–18 years old who has shown dedication to justice and to social change by actively promoting equality, encouraging diversity and tolerance, and improving her community. Previous recipients include Nicole Maines, Erin Williams, JoAnn Bourque, Sarah Eaton and Lindsay Richardson. The 30th annual awards ceremony will be held in March 2016. The deadline to submit nominations is Friday, Aug. 28, 2015. To request nomination forms, call 207.581.1228 or visit umaine.edu/womensgenderandsexualitystudies/maryann-hartman-award. For information on phone nominations, call Liz Franck or Hough at 207.581.1228. Completed nomination forms may be sent to MaryannHartmanAwards@umit.maine.edu; Women's, Gender, and Sexuality Studies Program, Attention Maryann Hartman Awards Committee, University of Maine, 5728 Fernald Hall, Room 101, Orono, ME 04469-5728; or faxed to 207.581.1218.

Scontras Writes Op-Ed for Sun Journal

16 Jun 2015

The Sun Journal published an opinion piece by Charles Scontras, historian and research associate at the University of Maine's Bureau of Labor Education, titled "'Right-to-work': The issue that won't die."

Franco-American Centre Presentation Advanced in BDN Column

16 Jun 2015

The [Bangor Daily News](#) "Family Ties" column advanced a presentation on "French-Canadian and Acadian Genealogical Research" at the University of Maine's Franco-American Centre. The free program on Franco-American resources will be held at 2 p.m. Tuesday, June 16, in the library at Crossland Hall.

Fernandez Quoted in MaineBiz Article on Economy, Climate Change Meeting

16 Jun 2015

[MaineBiz](#) reported on the "Maine's Economy and Climate Change" meeting at Bowdoin College. About 300 climate experts gathered to discuss how the state will need to adjust businesses to adapt to heat waves, less snow and higher seas caused by a changing climate, according to the article. Ivan Fernandez, a professor of soil science and forest resources at the University of Maine, said "Climate change 'from away' affects all aspects of life and the economy in Maine." [The Forecaster](#) also published an article on the meeting.

Handley Talks to Ellsworth American About Maine's Strawberry Crop

16 Jun 2015

David Handley, a University of Maine Cooperative Extension specialist of vegetables and small fruits, spoke with [The Ellsworth American](#) for an article about this season's strawberry crop in Maine. "What we have found so far is that

growth is good and pest numbers have been pretty low,” Handley said, adding the winter helped the crop by creating a protective snow cover and warding off pests. “Because we had a late spring, the pests were late waking up and the plants were past the period where the pests would be interested,” he said. Handley said most strawberry farmers plan to begin harvesting around June 19 or 20 with a goal of peaking around the Fourth of July. Handley also spoke with the [Maine Public Broadcasting Network](#) about this year's crop.

Vice President Kim Quoted in InsuranceNewsNet Article on Technology for Older Adults

16 Jun 2015

Carol Kim, vice president for research and dean of the graduate school at the University of Maine, was quoted in an [InsuranceNewsNet](#) article about new technology that aims to help older adults stay at home. Kim, who recently testified before the U.S. Senate Special Committee on Aging, said “edge detection” offers new ways for senior citizens to retain their independence. Edge detection refers to high-contrast technologies to help see more clearly or track indoor movement through radio frequency identification, according to the article. Edge detection also includes “assistive jogger” hardware, smart mattresses, and protective gear for the head and hip, the article states. Every year, between 30 and 40 percent of those ages 65 and older experience a fall. By 2020, injuries that result from falls will cost the U.S. an estimated \$54.9 billion, Kim said.

National Geographic Quotes Lindsay in Article on Newly Discovered Jellyfish Process

16 Jun 2015

[National Geographic](#) spoke with Sara Lindsay, an associate professor of marine science at the University of Maine, for the article “The surprising way jellyfish put themselves back together.” The article focused on research conducted in 2013 by biologists at the California Institute of Technology or Caltech in Pasadena. After cutting two arms off a moon jellyfish, the researchers expected the animal would regrow its limbs like other marine invertebrates, but instead the moon jelly rearranged its six remaining arms until they were evenly placed around the body, according to the article. “This is an amazing study and a fantastic piece of detective work,” said Lindsay, who was not involved with the study. Muscles in the jellyfish’s body pushed and pulled on the remaining arms until they were evenly spaced in a phenomenon the scientists call “symmetrization,” the article states. “This isn’t replacing lost parts, it’s replacing their function. That’s pretty cool,” Lindsay said.

Aging Initiative Workshop June 22

16 Jun 2015

The Office of the Vice President for Research will be hosting an Aging Initiative Workshop, 9-11:30 a.m., June 22 in the McIntire Room, Buchanan Alumni House. Interested members of the UMaine community are strongly encouraged to participate. RSVP to Rowena Clukey, rowenac@maine.edu, if you are able to attend. Maine has the highest median age of any state in the nation (43.5 years), and the largest proportion of citizens 50 years and older (approximately 40 percent). As the state of Maine’s land grant institution, it is critical that UMaine lead in the development of devices, technologies, products, policies and services to assist our population to live and thrive in place. To this end, the Office of the Vice President for Research has lead the development of an Aging Initiative. The Aging Initiative Workshop aims to bring together interested faculty and staff from all disciplines on campus to review the research that has been performed to date, and is ongoing, in the area of aging. Breakout sessions will provide opportunities to shape the direction of future research, explore interdisciplinary and interprofessional synergies, and build new collaborations.

Maine Edge Reports on UMaine Extension Avian Flu Information Update

17 Jun 2015

[The Maine Edge](#) published a University of Maine news release announcing the University of Maine Cooperative Extension has updated information about avian influenza (AI) in a bulletin for poultry producers. Anne Lichtenwalner,

an associate professor of animal and veterinary sciences, provided the update. AI is a contagious type A influenza virus of birds that occurs worldwide. On June 8, the Michigan Department of Natural Resources reported a confirmed case of avian flu in Michigan, making it the 21st state in the U.S. affected by the outbreak. The updated information is in [Bulletin 2109](#), “Avian Influenza and Backyard Poultry 2015.”

Academ-e Program Cited in Sun Journal Article on Envirothon Competition

17 Jun 2015

The [Sun Journal](#) reported that a Spruce Mountain Envirothon team has won the state competition and is studying and raising money to travel to Missouri for the national contest. Envirothon is the nation’s largest environmental science competition and includes tests in forestry, aquatic ecology, wildlife biology, and soil science, according to the article. Teams also do a prepared presentation on a chosen current issue topic, which this year is Urban and Community Forestry, the article states. Four members of the Spruce Mountain team from Jay took a UMaine Academ-e online class on Urban and Community Forestry for high school and college credit. UMaine’s Academ-e is the first early college distance education program in Maine. The online program is open to Maine high school juniors and seniors who are nominated by principals, guidance counselors and teachers.

Wyoming Public Radio Interviews Kaye About Aging Population

17 Jun 2015

Lenard Kaye, director of the University of Maine Center on Aging and professor in the UMaine School of Social Work, spoke with [Wyoming Public Radio](#) for the report “Wyoming elderly tough it out even as younger generations migrate away.” According to the report, 15 percent of Wyoming’s population is over 65 and a high percentage of them live on ranches and in small towns. With younger generations leaving for more urban jobs, few are staying behind to take care of their elders, the report states. “The bad news is that in rural communities, our formal network of health and human services is uneven at best and resources are scarce,” Kaye said. He added it takes a whole community to make a difference in helping seniors. “Local communities need to take action,” he said. “They need to be advocates for themselves. Frequently, the kind of programs we’re talking about can be organized and maintained at very little cost.”

Camire Quoted in WebMD Article on Trans Fats

17 Jun 2015

Mary Ellen Camire, a University of Maine professor of food science and human nutrition and president of the Institute of Food Technologists, was quoted in a [WebMD](#) article about the FDA cutting the use of partially hydrogenated oils, the main source of artificial trans fats, in processed food. Food makers will have three years to remove partially hydrogenated oils from products, the agency said in a statement. Experts can’t determine if there’s any safe level of trans fats to eat, and food makers have found substitutes for the controversial fats, according to the article. “In my gut, I don’t think it’s that big a threat to public health,” Camire said. “But in light of consumer concerns it probably is a good thing to do.”

Lichtenwalner, Yerxa Speak with BDN About Rising Egg Prices

17 Jun 2015

University of Maine professors Anne Lichtenwalner and Kate Yerxa were interviewed by the [Bangor Daily News](#) for an article about an expected rise in egg prices due to an avian flu outbreak that has killed 47 million chickens and turkeys across the country. “Eggs have been a really inexpensive source of quality protein for a long time,” said Lichtenwalner, a veterinarian and director of UMaine’s Animal Health Laboratory. “On average, eggs will cost more. We may see a temporary spike for a while, but it will equilibrate. I don’t think we will have the very inexpensive eggs in the future.” Lichtenwalner added she thinks the outbreak will only be temporary. “I think we will step up and resupply and end up with a good industry again,” she said. Yerxa, a registered dietitian with the University of Maine Cooperative Extension, said protein in eggs can be found in other sources such as lean meats, fish, cooked dry beans, peas and lentils.

PBS Program on Human Evolution to Feature Gill

18 Jun 2015

Jacquelyn Gill, assistant professor of paleoecology and plant ecology at the University of Maine, will appear in a new five-part PBS program on human evolution. Gill will be featured in the premiere episode “Americas,” airing 9 p.m. Wednesday, June 24. “First Peoples” is a global detective story that traces the arrival of the first Homo sapiens on five continents. The program travels across the world to tell the story of our primitive ancestors by combining archaeology, genetics and anthropology. A team of international scientists, including Gill, reveals evidence and discoveries that cast new light on 200,000 years of history and advance the scientific understanding of how humans came to be the modern beings we are today. “First Peoples” airs at 9 and 10 p.m. Wednesdays June 24 and July 1, as well as 9 p.m. July 8. More information, including a trailer for the show, is [online](#).

Press Herald Publishes Op-Ed by Segal

18 Jun 2015

The [Portland Press Herald](#) published the opinion piece “To avoid ‘anything goes,’ let’s seriously evaluate transfer credits to UMaine” by Howard Segal, a history professor at the University of Maine.

UMMA Summer Exhibitions Previewed in Maine Edge

18 Jun 2015

[The Maine Edge](#) advanced the University of Maine Museum of Art’s summer exhibitions that will open to the public on June 19 and run through Sept. 19. The exhibits include Niho Kozuru’s “Inter/Dimension,” Anna Helper’s “Blind Spot,” and “With Ties to Maine,” a collection of Maine-related art celebrating the 150th anniversary of UMaine. The exhibit will feature more than 20 pieces from the museum’s permanent collection by artists who spent significant time in Maine. Artists include John Marin, Andrew Wyeth, Alex Katz, Berenice Abbott and Neil Welliver.

Sorg Mentioned in TribLIVE Article on Long Unidentified Korean War Veteran

18 Jun 2015

Marcella Sorg, a research professor of the Margaret Chase Smith Policy Center at the University of Maine, was mentioned in the [TribLIVE](#) article “Korean War veteran, unidentified for decades, laid to rest in Pittsburgh.” Sorg was contacted to help identify a Korean War veteran whose remains were unnamed for 64 years. In 2012, the veteran’s remains were ordered to be exhumed from the National Memorial Cemetery of the Pacific in Honolulu, Hawaii. After almost three years in the lab, investigators believed they matched his teeth and clavicle to the dental and X-ray records of a Marine missing in action at Chosin, North Korea, according to the article. The team then called Sorg, a forensic anthropologist, for a second opinion before officially naming the man, the article states.

Sen. Collins Meets State National History Day Winners, WVII Reports

18 Jun 2015

WVII (Channel 7) reported U.S. Sen. Susan Collins met with students from around Maine who are visiting Washington, D.C. as they prepare to compete in the final round of the National History Day contest. NHD is an academic program that promotes critical thinking, research and presentation skills through project-based learning for students of all abilities. More than 300 students and teachers from 36 middle and high schools took part in this year’s state contest held at the University of Maine in March. Exhibits, papers, websites, documentaries and performances were judged, with the top winners becoming eligible to compete alongside nearly 3,000 students in the national contest. The students presented Collins with a T-shirt that featured this year’s NHD theme of “Leadership and Legacy,” according to the report.

DMC Mentioned in Current Publishing Article on Marine Science School for Girls

18 Jun 2015

The Darling Marine Center was mentioned in a Current Publishing article on the Freeport-based Coastal Studies for Girls. The program is a semester-long, or 16-week, science and leadership school for 10th grade girls located on Wolfe's Neck Farm in Freeport, where students become immersed in a marine science-based curriculum, according to the article. Recent student Heather Sieger said a memorable experience from the course was a weekend field trip to the University of Maine's Darling Marine Center in Walpole. At the center the students collected marine creatures from a boat, including sea cucumbers and spider crabs, to examine under a microscope, the article states. "It was so exciting to look at everything that's on the ocean bottom in that area," Sieger said. "This was definitely one of the moments where I thought to myself, this is what I want to study for the rest of my life."

Recent Graduates Featured in BDN Article on Millennial Farmers

18 Jun 2015

Several recent University of Maine graduates who have turned to farming as a career were mentioned in the [Bangor Daily News](#) article, "Forward, not back: The odds are Millennial farmers will fail. Why they pursue the good life anyway." Margaret McCollough, who graduated in May with a degree in sustainable agriculture, has since returned to Arundel where she and her partner and UMaine alumnus Garth Douston started an organic vegetable farm in 2014, according to the article. McCollough and Douston gained the knowledge for starting a farm from a classroom, which allowed them the comfort of learning without fear of failure or making ends meet, the article states. As a student, Douston gained experience as a farm worker at UMaine's Rogers Farm, and McCollough was farm manager at UMaine Greens where she grew salad mix for the university's dining facilities. Jon Noyes, a 2012 UMaine graduate with a degree in international affairs and history, also was mentioned in the article. Noyes, who works on his family's farm in Woodland, said farming appealed to him because he enjoys the solitude. The article was written by Danielle Walczak, a recent UMaine Honors graduate who studied journalism, creative writing and sustainable food systems.

WABI Interviews Student, Shaler About Orono Startup

18 Jun 2015

WABI (Channel 5) reported on an Orono-based company founded by two University of Maine graduates that has been awarded \$224,996 from the National Science Foundation. The grant will allow Revolution Research, Inc. to create a prototype for the first completely eco-friendly thermal insulation foam board. Nadir Yildirim, a graduate of UMaine's innovation engineering program and current Ph.D. student in the Wood Science and Technology Program in the School of Forest Resources, and Alexander Chasse, a 2013 civil engineering graduate from UMaine who works at the university conducting nanomaterial research, created RRI to develop recyclable and reusable products using cellulose nanofibrils (CNFs) for several industries. "There is no product on the market that can compete with this one," Yildirim said of the foam board. Stephen Shaler, director of the School of Forest Resources and Yildirim's adviser, told WABI it's everyone's job to contribute to protecting the environment. "As we have increasing populations, as we have pressures on the environment, energy demands and the impact that has on sustainability and on the environment; we need to do things in a better way. We need green materials," Shaler said. The [Bangor Daily News](#) also reported on the company.

NSF Awards UMaine Grads \$225,000 to Create Eco-Friendly Thermal Insulation Foam Board

18 Jun 2015

An Orono-based company founded by two University of Maine graduates has been awarded \$224,996 from the National Science Foundation to create a prototype for the first completely eco-friendly thermal insulation foam board. Nadir Yildirim, a graduate of UMaine's innovation engineering program and current Ph.D. student in the Wood Science and Technology Program in the School of Forest Resources, and Alexander Chasse, a 2013 civil engineering graduate from

UMaine who works at the university conducting nanomaterial research, created Revolution Research, Inc. to develop recyclable and reusable products using cellulose nanofibrils (CNFs) for several industries. “I believe RRI will open a new page in the insulation industry,” says Yildirim, the project’s principal investigator who conducts his Ph.D. research at UMaine’s Advanced Structures and Composites Center. The pair started RRI in 2014 to develop and commercialize replacements of petroleum-based thermal insulation products. RRI’s current focus is the creation and commercialization of thermal and acoustical insulation foam boards for use in the construction industry. One of the largest uses of energy is heating and cooling buildings, according to the researchers, which drives construction companies to search for products that improve insulation performance. Foam board insulation products currently on the market are produced from petroleum-based chemicals. RRI aims to use CNFs and green polymers to produce an eco-friendly thermal insulation board with a lower carbon footprint as well as the necessary mechanical and thermal properties to meet market needs. The researchers also hope to offer the board at a comparable price to current insulation products. CNFs have the ability to reinforce weak materials, permitting new composite products. The raw material, cellulose, is abundant and obtainable from renewable sources including plants and sea animals. Green polymers that will be used in the project also are a readily available renewable resource, but are weak and brittle without CNF reinforcement. “RRI’s novel foam boards will not only be better for the environment than current petroleum-based products, but will also provide improved energy efficiency,” Yildirim says. “With a better thermal insulation you can save the environment; you can save lots of money.” The Small Business Technology Transfer (STTR) Phase I project also will allow the team to rent space and buy equipment for a laboratory. Currently RRI doesn’t have any employees, but within the next five years, Yildirim hopes the company will have its own Maine-based production facility with about 30 employees. Successful completion of the project will provide the opportunity for Phase II, which would allow RRI to apply for a grant up to \$750,000. Since the company began, RRI has received a \$5,000 award from the Maine Technology Institute, as well as \$5,000 for winning first place at the 2015 UMaine Business Challenge, the state’s largest student entrepreneurship competition. Contact: Elyse Kahl, 207.581.3747

UMaine Student-Athletes Post 3.21 Cumulative GPA

19 Jun 2015

University of Maine student-athletes posted a 3.21 cumulative grade-point average during the 2014-15 academic year. The 3.21 GPA placed the Black Bears third in the 2015 America East Academic Cup standings. The Academic Cup, established by the America East Board of Directors in 1995, is presented to the institution whose student-athletes post the highest grade-point average during the academic year. The University of Hartford and the University of New Hampshire tied for the 2015 America East Academic Cup, each posting a 3.23 GPA. The UMaine women’s basketball team, the 2015 America East co-regular season champion, led all league women’s basketball squads with a 3.39 GPA. It was one of three squads in the America East to both win/share a championship and finish with the highest GPA in their respective sports. All nine of UMaine’s women’s sports teams recorded a 3.00 GPA or better this season, led by the cross-country and ice hockey squads, both of which finished with 3.46 GPAs. Basketball (3.39) and swimming and diving (3.33) followed. Field hockey, indoor track and field, outdoor track and field and soccer all finished with a 3.27 grade-point average and softball earned a 3.25 GPA. The UMaine men’s squads were led by the cross-country team with a 3.31 GPA, followed by ice hockey (3.21) and indoor track and field (3.13). After Hartford, UNH and UMaine, the University of Vermont was fourth in the AE with a 3.16 GPA. Binghamton University and the University of Massachusetts Lowell tied for fifth, each recording a 3.10 GPA. The University of Maryland, Baltimore County and Stony Brook University tied for seventh with a 3.08 GPA, while the University at Albany compiled a 3.06 GPA. Each of America East’s nine member institutions and 79 percent of its teams (110-of-139) compiled grade-point averages higher than 3.0 in 2014–15. In all, America East student-athletes have averaged better than a 3.0 GPA for 10 straight years. The league’s 3,400-plus student-athletes averaged a 3.14 GPA, the highest single-year mark in league history. It’s the third consecutive year a new standard has been set. The University of Maine is celebrating its 150th anniversary in 2015. The athletic department is noting 150 student-athlete achievements during the year. Contact: Beth Staples, 207.581.3777

Hay Growers Encouraged to Update Directory Listings

19 Jun 2015

Growers and marketers of hay and hay products are reminded to update their listings on the University of Maine Cooperative Extension [online](#) hay directory. “Extension has maintained the hay directory for many years and growers and consumers have found the resource valuable,” says Rick Kersbergen, UMaine Extension educator in Waldo County. Kersbergen also advises having an analysis done when buying or selling forage products to ensure appropriate quality. To list hay for sale on the directory, contact the Waldo County Extension office at 342.5971, 800.287.1426 (in Maine), or complete the online form. For more information about quality testing, contact Kersbergen at richard.kersbergen@maine.edu or watch UMaine Extension’s educational videos on [YouTube](#).

PennLive Cites UMaine Hazing Study

19 Jun 2015

[PennLive](#) cited a 2008 University of Maine study in the article “‘A culture problem, not a college problem’: The discussion on combating hazing continues.” The study, which was conducted by researchers Elizabeth Allan and Mary Madden, found 74 percent of students that experienced at least one hazing behavior were in varsity athletics, while 73 were in a social fraternity or sorority, according to the report. The study also was cited in the [PennLive](#) article "Hazing across campus: How universities handle the dark side of student life."

Josiah-Martin Keynote Speaker at Child Welfare Conference, Media Report

19 Jun 2015

The [Bangor Daily News](#) and WVII (Channel 7) covered the 21st annual Maine Child Welfare Conference held at the University of Maine. Judith Josiah-Martin, director of the Office of Multicultural Programs director and lecturer in the School of Social Work, was the keynote speaker at the event. Diversity should be embraced in order to provide the best care, Josiah-Martin told the more than 200 nurses, child protection caseworkers, social workers, law enforcement personnel, students and mental health and educational professionals in attendance, according to the BDN.

Remembering UMaine’s First Female Entomologist

19 Jun 2015

When Cassie Gibbs came to the University of Maine in 1971, a photograph hanging in an office in Deering Hall captivated her. She was studying it one day when Geddes Simpson, head of the Entomology Department, informed her that the woman was Edith Marion Patch, UMaine’s first female entomologist. From that day forward, Gibbs — UMaine’s second female entomologist — made it her mission to learn all she could about Patch. Simpson fueled Gibbs’ fascination by regularly leaving on her desk letters, laboratory notebooks and children’s books authored by Patch. The collection grew steadily during Gibbs’ years as a noted aquatic entomologist, filling boxes and folders that she tucked away in her office. It wasn’t until Gibbs retired in 1995 that she set out to document the life of Patch — a distinguished, nationally recognized aphid taxonomist, naturalist and educator — who became the first female president of the Entomological Society of America in 1930, during a time when women were a rare sight in the scientific community. Twenty years later, Gibbs has published the biography, “Without Benefits from Insects: The Story of Edith M. Patch of the University of Maine,” a publication of the Maine Agricultural and Forest Experiment Station. Its publication coincides with the 150th anniversary of the University of Maine. “Edith Patch is recognized as the first truly successful professional woman entomologist in the United States,” said Gibbs. “She was among the early scientists to write and speak of the threats to the environment from the widespread applications of chemical insecticides and to bring this to the public’s attention.” Nearly 60 years after her death in 1954, Patch’s legacy is thriving, kept alive by her world-renowned scientific writing, a nonprofit organization named in her honor and a group of individuals dedicated to passing on Patch’s lessons to generations to come. An extensive collection of archival records on Edith Patch, including some of the first memorabilia given to Gibbs, can be found in Fogler Library’s Special Collections at UMaine. The Patch homestead, once bursting with colorful gardens and buzzing insects, still sits on College Avenue on the Orono/Old Town line. Patch’s faculty office was in Holmes Hall. A residence hall now on campus is named in her honor. Bug enthusiasts may still see her extensive, internationally recognized insect collection, The Patch Collection, at the Maine State Museum in Augusta. But the most recognizable essence of Patch can be found in her writing. Patch had an

incredible gift — the ability to communicate scientific ideas to all ages. She believed that nature was a child's greatest mentor and that appreciation of the natural world did not belong solely to the scientist. She charmed nature lovers young and old with her enthusiasm for some of the world's tiniest creatures, publishing many internationally recognized children's publications, scientific papers and books throughout her lifetime. "One of Patch's greatest strengths was her understanding of the power of story. As a scientist, she herself was drawn to investigate nature's ever-unfolding story," said Mary Bird, member of the organization Friends of Edith Patch, dedicated to celebrating and continuing the legacy of Patch. "As a teacher, she realized that it is through story that each of us can find our own ways to connect with the living world around us and to make meaning of what we find there. She skillfully engaged her audiences, youth and adult, lay and scientific, in exploring and learning from nature's stories." Patch's career as an entomologist emerged in July 1903 when Charles Woods, the director of the then Maine Agricultural Experiment Station (MAES), invited Patch to Orono. At the time, Patch was in her second year teaching high school English in Minnesota after being unable to secure a position in the field of entomology. Woods offered her an unpaid position teaching English and entomology, with the potential to establish a department of entomology the following year. Patch packed her bags and moved to Maine. Woods faced ridicule for his decision to invite Patch to UMaine, but his response was telling: "So far as the people on my staff are concerned, I am not at all concerned whether they are attired in trousers or skirts, just as long as they do the work." A year after her arrival at UMaine, Patch received a formal appointment as assistant professor of entomology. Though being one of the only female scientists in a male-dominated profession often presented difficulties, Patch persevered with grace and patience. She had practice. Growing up, she was on a baseball team with boys and girls. She had attended a coeducational university — University of Minnesota — to earn a bachelor's degree in English. She grew up walking side-by-side with males, so why would a professional position be any different? Patch was expected to adhere to certain societal etiquettes, only some of which she followed. But her polite, often wordless deviation from the norms of her time helped pave the way for the success of women in science. When Patch was discouraged from attending an after-dinner address during a meeting of the Entomological Society of America because the men would be smoking (women were not allowed to be in the presence of a man while he smoked during this time), she figured out where the meeting was, walked in and quietly took a seat. The smoke-filled room fell silent as the men looked side-to-side, eyebrows raised. Within seconds, every cigar and pipe in the room had been put out. She was present at all subsequent meetings. Jennifer Lund, a UMaine entomology graduate student, says she is grateful for the legacy Patch left behind. Lund received one of the 2015 Edith Patch Award, which honors outstanding undergraduate and graduate women for distinguished work in the fields of science, agriculture, engineering and environmental education. "I am so very honored to win an award that is named after such a phenomenal female entomologist and scientist," said Lund. "I often think about how my research here has been influenced by all the entomologists that have come before me but especially Edith Patch who paved the way for female entomologists at the University of Maine so early in the university's history." Patch specialized in aphids — small sap-sucking insects commonly known as plant lice. Their complex life cycles, multiple host plants and ability to transmit pathogens made the group particularly difficult to study. Her fascination for aphids began when she was an undergraduate student in Minnesota, under the direction of Oscar Oestlund. Researchers from Belgium to Brazil began seeking her counsel on how to manage aphid populations that had been infesting their agricultural crops. Before long, she had become the world's aphid specialist. Today, her publication, *The Food-Plant Catalogue of Aphids of the World*, is still referenced as the most comprehensive record of aphids and their host plants. Before completing her master's degree in entomology at the University of Maine in June 1910, Patch had already published seven papers on aphids and related species, five of which appeared in national journals. The seventh became her dissertation for her Ph.D. in entomology from Cornell University in 1911. Patch's research at Cornell focused on the evolutionary origins of the wing veins of aphids and their close relatives the *psyllids*, *aleuronids*, and *coccids*. During her time at Cornell, Patch collaborated with John Henry Comstock, a distinguished researcher and author of her beloved first insect book, the *Manual for the Study of Insects*. She purchased the manual during her final year of high school after winning a \$25 prize for an essay she wrote dedicated to the monarch butterfly. Patch became lifelong friends with Comstock and his wife Anna Botsford Comstock, an illustrator and author of natural history books for young people. After establishing her career as an entomologist, Patch purchased her home, which she named *Braeside*. The name — derived from the Scottish word *brae* — translates to bank, referring to its location on the edge of the Stillwater River. Built in the 1840s, the house was sited on a 50-acre plot of land surrounded by exquisite wild gardens bustling with insect life. Here, she spent much of her free time observing and writing about the natural world. Her home was added to the National Register of Historic Places in 2001. For the past 15 years, the Friends of Edith Patch organization has raised nearly \$200,000 for the rehabilitation of Braeside. Once restored, the facility will house the Edith Patch Environmental Observatory, which will feature a museum, educational resource center, and facilities for environmental research, education and policy. The property surrounding the historic

home will mirror the gardens depicted in many of Patch's writing for children. Patch published her first children's book — *Dame Bug and Her Babies* — in 1913. The book, a collection of 18 stories about insect mothers and their offspring, sold for 75 cents, plus postage. This marked the beginning of her lifelong mission to write biologically accurate stories that invoked curiosity in young readers. Many publications followed, including *Little Gateways to Science*, which told the story of 12 birds and the inauspicious effects human activity can have on the natural world. "With academic specializations in both English and entomology, she thoroughly understood that the work carried out in lab and field would be meaningless if it could not be connected in real and meaningful ways to those whom it was designed to serve," said Bird. "She used her skills as both a scientist and a writer to create pathways into understanding and appreciation of science and the world it seeks to explore and explain." Dedicated to educating the next generation of scientists, Patch's expertise often took her away from Orono. She traveled all over the country giving talks about her work, and, in 1927 took a six-month research trip to the Rothamsted Experimental Station in Harpenden, England to study the migratory aphid, *Myzus pseudosolani*, which had become a concern in New England. Patch was not only a distinguished scientist and world-renowned author, but also one of the first environmentalists of her time. In a compelling speech given in 1936 for the Maine Agricultural News Radio Program titled "*Aphids, Aphids, Everywhere*," Patch explained the dangers of excessive use of insecticides. Using the life cycle of the aphid as an example, she pointed out that there are many natural factors controlling aphid population and that it is not necessary to rely on insecticides to keep the insect populations in balance. This speech was given 26 years before the dangers of insecticides were echoed in Rachel Carson's famous book, *Silent Spring*, which is given considerable credit for igniting the environmental movement in the 1960s. "Even as a girl of 7 in Minnesota, she (Patch) was a lover of all natural things, and she remained a naturalist until the day she died. The naturalist tradition is a long one. It always has included a love of — and appreciation for — the beauty of nature," said James Slater, who delivered the Entomological Society of America's 1996 founders' memorial and lecture honoring Patch. Patch's environmental concerns resonated again during her address at the Entomological Society of America's annual meeting in Atlantic City, New Jersey. She pleaded to the audience — filled with scientists like herself — to look closer at the adverse effects chemical insecticides can have on non-targeted insect populations and their surrounding ecosystems. Her statement — "the welfare of humankind depends on the protection of insects" — sounded the alarm and made newspaper headlines nationwide. This speech was later published as a bulletin of the Brooklyn Entomological Society in 1938, titled "Without Benefit of Insects," and became one of her most-noted publications. After a long successful career, Patch retired in July 1937 after 34 years at UMaine. She was named entomologist emeritus and was awarded an honorary doctorate of science degree at UMaine's 66th annual commencement. She was flooded with correspondence from researchers and friends thanking her for her many contributions to science. At the time of her retirement, she had published 15 children's books and 78 scientific articles. Though she no longer held a formal position at the university, Patch remained active in the scientific community. In a speech addressed to the Garden Club Federation in 1939 titled, "Our insect friends," she continued to stress the importance of insects as pollinators and the benefits they have to our agricultural system. "We have a lot we can learn from Patch. She wanted children to be loving towards the natural world, not destroying it or invading it in any way," said Nancy MacKnight, member of the Friends of Edith Patch organization. "She taught us that if you want to do something, you have to persevere. Patch tried to get a job in entomology, and she couldn't. Maine was the only place that offered her anything connected to entomology, and it was unpaid for a year. It took a lot of courage to enter a man's field at that time. We owe a lot to Edith Patch." Contact: Amanda Clark, 207.581.3721

Steneck Delivers Coral Reef Address on World Oceans Day in Dominican Republic

19 Jun 2015

University of Maine marine scientist Bob Steneck encouraged Dominican Republic officials and stakeholders to preserve and improve coral reefs — what he calls the tropical rainforests of the sea — in a keynote address on World Oceans Day, in Santo Domingo. "They contain 25 percent of all species on Earth. However, they are also among the world's most endangered ecosystems and, as such, the biodiversity, breakwater function, food resources and ecotourism value they provide for people are all at risk," says Steneck. "They are threatened worldwide but this is especially obvious in the Dominican Republic, where competing activities, such as coastal development and fishing pressure, have taken their toll." Steneck encouraged the Dominican Republic government and nongovernment organizations to work together to preserve reefs that are healthy and continue efforts to improve those that are degraded. His recommendations included banning the harvesting of parrotfish and investing in enforcement. Although coral reefs suffer from global climate change and ocean acidification, Steneck says there are remarkable bright spots. While quantifying corals,

seaweed and sponges in transects in March, Steneck says he and fellow researchers found a wide range of reef conditions, from the bright spots — some of the best coral in all of the Caribbean — to some of the most degraded. Repeatedly, it appeared the presence of healthy fish populations, especially parrotfish, corresponded with the healthiest coral reefs, says Steneck, a professor of oceanography, marine biology and marine policy based at the Darling Marine Center in Walpole, Maine. “The Dominican Republic is a remarkably diverse country,” says Steneck. “However, its greatest diversity may lie underwater and out of sight of most people.” The vibrant reefs, he says, were within sight of the border with Haiti, while reefs adjacent to Punta Cana, the heavily populated easternmost tip of the Dominican Republic, were the most degraded. About 400 people attended Steneck’s keynote at the conference, which was sponsored by Propagas Foundation. Creative lighting and decorations made the conference room appear to be underwater, he says. Several media outlets, including El Dia, covered Steneck’s speech (eldia.com.do/experto-revela-deterioro-de-arrecifes). Steneck also was a guest on two radio shows before returning to Maine. Contact: Beth Staples, 207.581.3777

UMaine Researchers Strive to Increase Bee Populations in Maine

19 Jun 2015

A group of University of Maine researchers is working to enhance native and honey bee populations by increasing beneficial pollinator flowers across Maine’s landscape. This is not a new idea — what is new is their choice of research location. Some might describe one of their sites as trashy, but the researchers think it’s just what they need. The researchers — Alison Dibble, Lois Stack, Megan Leech, and Frank Drummond — are planting pollinator demonstration gardens at the inactive Pine Tree Landfill in Hampden and at G.W. Allen’s Blueberry farm located in Orland. Both plots will be used to educate farmers and community members about strategies that they can adopt to help keep bee communities thriving in the state. “This project is important because one of the many hypothesized stressors that have been implicated in bee decline, including honey bees and native bees, is not having enough floral resources, which provides the pollen and nectar essential for bees,” says Drummond, professor of insect ecology. Funded by the Natural Resource Conservation Service, the two-year project’s objective is to identify plantings — annuals, herbaceous perennials and woody shrubs — that are most beneficial to bees across Maine’s terrain, which is dominated by forest ecosystems that are not particularly conducive to bee life. By enhancing habitats to fit the needs of pollinators, the researchers are giving back to the tiny buzzing insects that provide our agricultural systems with the crucial service of pollination. As bees forage for food, they pollinate flowering plants by depositing pollen on the flower’s stigma, the receptive part of the plant’s female reproductive organ. The pollen will then germinate and fertilize the flower to produce fruits and seeds. Conservation biologists in Maine, as well as worldwide, have raised concerns about declines in bee abundance and species diversity. Due to conversion of landscape for residential and commercial uses, natural bee habitats are being eliminated, which could have serious implications to various agricultural crops in Maine, such as blueberries. According to David Yarbrough, professor of horticulture and a wild blueberry specialist for University of Maine Cooperative Extension, last year’s harvest of wild blueberry crops in Maine brought in a \$250 million monetary return. In 2014, Maine produced and harvested more than 104 million pounds of blueberries made possible, in part, by the free services bees provide. According to the United States Department of Agriculture Forest Service, bees provide pollination to 80 percent of all flowering plants and 75 percent of fruits, nuts and vegetables grown in the U.S. About 25,000 species of bees are known throughout the world and Maine is home to more than 270 species of native bees. During the demonstrations, researchers and educators will discuss plants that are best utilized by bees and will stress the need to avoid flowers and shrubs treated with systemic insecticides because they can be detrimental to bees, says Drummond. “It’s not just about planting flowers: it’s about planting flowers that are *safe* for the bees,” he says. Both sites will help researchers, farmers and educators better understand how these plots should be managed in order to be successful both agriculturally and ecologically. The first demonstration date has not been set, but the researchers are aiming to hold one in mid-August. Pine Tree landfill, the first site for the demonstration, is managed by Casella Waste Services, which owns more than 400 landfills in the Northeast. If all goes well, the company hopes to host more pollinator gardens on their landfills, transforming unused land into flower-filled paradises for bees. “I think the landfill is a great location for this project because it’s a piece of land that is not currently being used. Right now they use the methane that comes from the landfill to produce energy. So if we can use the same land for something else that is a good cause, it’s a win-win,” says Leech, a graduate student working with Drummond. Leech’s master’s thesis is focused on flower nutrition, specifically whether bees visit flowers with higher nutritional value more frequently. She’s also looking at other floral characteristics that would impact flower nutrition such as nectar and pollen. The idea for her

thesis sprouted while working on Dibble's bee module project, when she observed bees showing a preference for some flowers over others, and wondered if it was related to nutrition. The bee module — a five-year project started in 2012 — is aimed at determining which plants elicit the most bee visitations in order to create a baseline of what plants should be selected for the pollinator demonstration sites. In order to collect the data, Dibble setup 36 plots within 100-foot-by-100-foot areas on three Maine blueberry fields and at the University of Maine Rogers farm. By placing plots side-by-side, researchers were able to collect observations of bee visitations on a variety of different planting selections, which will help to better inform their recommendations to farmers. The data they collect, which will focus on the success of flowering plant germination and bee visitation preferences, will be looked at over the next two years to determine if the increase in floral resources was beneficial to the bee populations. Promoting the health of bee populations is relatively inexpensive in terms of the alternative, which is trying to pollinate plants without bees. If farmers planted pollinator plots next to their agricultural crops, they could decrease rental costs for honeybees, which are usually imported by farmers during the planting season, says Drummond. Drummond hopes the project will encourage nonfarmers to invest in pollinator plantings for municipalities, private homes and state agencies, so — on a landscape level — bee numbers can increase. "In the past, we've mostly been focusing on the farmers. But what makes this project more unique is that we are trying to provide outreach for the nonfarmers who can also have an impact on improving bee communities on the landscape," says Drummond. Contact: Amanda Clark, 207.581.3721

Study Shows Bluefin Tuna Going Hungry Due to Size of Prey, not Abundance

19 Jun 2015

Bluefin tuna are going hungry in a sea full of fish because their foraging habits are most efficient with larger — not necessarily more abundant — prey, according to a study led by a University of Maine marine scientist. Walter Golet, assistant research professor in the School of Marine Sciences and the Gulf of Maine Research Institute, led a research team that involved marine scientists from five institutions, including Bigelow Laboratory for Ocean Sciences, University of Massachusetts Amherst and Simon Fraser University. How can bluefin tuna go hungry in a sea full of fish? In a paper in the journal *Marine Ecology Progress Series* titled "*The paradox of the pelagics: why bluefin tuna can go hungry in a sea of plenty*," the seven authors outlined how the overall condition (fat content) of Atlantic bluefin tuna *Thunnus thynnus* in the Gulf of Maine declined despite an abundance of *Clupea harengus*, Atlantic herring — their preferred prey. The Gulf of Maine is an important foraging ground for bluefin tuna, which spend up to six months there consuming high-energy prey such as the herring and in doing so accumulate as much as 200 pounds in fat. Energy acquired in the Gulf of Maine is vital to support bluefin tuna migration and reproduction. The population of Atlantic herring has increased over the past two decades suggesting that foraging conditions should have been favorable for bluefin tuna. A decline in bluefin tuna condition despite abundant prey resources was puzzling, so the researchers tested hypotheses related to the energetic payoff of eating herring of different sizes, comparing this across different regions of the northwest Atlantic. Researchers had expected to find that due to the high abundance of herring in the Gulf of Maine, foraging would have been favorable for the bluefin tuna, thereby increasing their lipid stores and overall body condition. Their results suggest bluefin tuna are more sensitive to the size of their prey rather than prey abundance (i.e., for bluefin, bigger prey is better than smaller prey). Researchers identified a correlation between bluefin tuna body condition, the relative abundance of large Atlantic herring and the energetic payoff resulting from consuming different sizes of herring. The correlation is consistent with the optimal foraging theory, a model used to predict how an animal behaves when it's searching for food. These correlations could explain why the condition of bluefin tuna suffers even when prey is abundant. According to the researchers, this may also explain a shift in distribution of bluefin tuna to offshore banks and locations further north on the northwest Atlantic shelf where herring (and their corresponding energetic payoff) are larger. Management strategies for small pelagic fish, including sardines, herrings and anchovies, have the potential to alter food web dynamics and energy flow through changes in the size and abundance of these species. Changes in these fish stocks impact marine mammals and other large warm-bodied fish (like bluefin tuna) whose physiology is geared toward high energetic returns while foraging. The researchers utilized the extensive data collected from the Maine Department of Marine Resources, the Canadian Department of Fisheries and Oceans and the National Marine Fisheries Service. Contact: Amanda Clark, 207.581.3721

University of Maine Announces Spring 2015 Dean's List

22 Jun 2015

The University of Maine recognized 2,163 students for achieving Dean's List honors in the spring 2015 semester. Of the students who made the Dean's List, 1,710 are from Maine, 377 are from 31 other states and 76 are from 22 countries other than the U.S. Listed below are students who received Dean's List honors for spring 2015, completing 12 or more credit hours in the semester and earning a grade point average of 3.5 or higher. [Also available is a breakdown of the Dean's List by Maine counties.](#)

Please note that some students have requested that their information not be released; therefore, their names are not included.

Last Name	First Name	City	State	Country
Abbott	Darryl	South Portland	ME	
Aberle	Tanner	Springfield	VT	
Abrams	Molly	Cutler	ME	
Aceto	Lauren	Scarborough	ME	
Achorn	Stephen	Gorham	ME	
Ackley	Megan	Holden	ME	
Acord	Noell	Richmond	ME	
Adams	Chloe	Davie	FL	
Adams	Edward	Barre	VT	
Addessi	Antonio	Washington	DC	
Al-Fdeilat	Renae	Old Town	ME	
Alabbad	Maitham	Orono	ME	
Alaseel	Mostafa	Al-Qatif		Saudi Arabia
Albano	Michaela	Wells	ME	
Albert	Christopher	Bradford	ME	
Albert	Samuel	Eagle Lake	ME	
Aldrich	Benjamin	Hancock	NH	
Alexandrou	Rachel	Orono	ME	
Alfonso	Nicole	Bridgewater	MA	
Algeo	Lucy	Raymond	ME	
Alghfeli	Abdulla	Rak		United Arab Emirates
Alhammadi	Hussain	Al-Qatif		Saudi Arabia
Alhelal	Majed	Orono	ME	
Ali	Yousuf	Dubai		United Arab Emirates
Allan	Connor	Wilbraham	MA	

Allan-Rahill	Nathaniel	Orono	ME
Allen	Joshua	Hermon	ME
Allen	Lindsey	Hermon	ME
Allen	Mathew	Sanford	ME
Alley	Adrienne	Livermore	ME
Alley	James	Hampden	ME
Allisot	Sarah	Windsor	ME
Alsuruj	Ayman	Orono	ME
Altieri	Michael	Kennebunk	ME
Altvater	Natalie	Perry	ME
Altvater	Nicole	Hermon	ME
Amabile	Evan	Westbrook	ME
Ambrose	Annette	Morrill	ME
Ames	Bethany	Eliot	ME
Ames	Nicholas	Kennebunkport	ME
Anderson	Christopher	Old Town	ME
Anderson	Eleni	Portland	ME
Anderson	Hanna	Brewer	ME
Anderson	Heather	Jonesboro	ME
Anderson	Ryan	Eliot	ME
Anderson	Steven	Carmel	ME
Andrews	Catherine	Upton	MA
Andrews	Cory	Sidney	ME
Andrews	Joshua	Bangor	ME
Andrews	Max	Sangerville	ME
Antle	James	Owensville	MO
Antos	Katherine	North Grosvenordale	CT
Antz	Thomas	North Yarmouth	ME
Archambault	Jacquelyn	Portland	ME
Areno	Meagan	Old Town	ME
Arnold	Shane	North Yarmouth	ME
Arsenault	Joseph	Bangor	ME

Asalone	Kathryn	Hampden	ME	
Attean	Thomas	Indian Island	ME	
Audet	Alexander	Pittsfield	ME	
Audet	David	Augusta	ME	
Audet	Scott	Old Town	ME	
Austin	David	Fairfield	ME	
Austin	Matthew	Medway	ME	
Authelet	Eric	Warwick	RI	
Aw	Sokhna	Orono	ME	
Ayes	Armando	Tegucigalpa		Honduras
Babcock	Hannah	Washington	ME	
Babineau	Ariana	Bangor	ME	
Bailey	Brooke	Biddeford	ME	
Bailey	Madelyn	Holden	ME	
Bailey	Michael	Waterville	ME	
Baker	Emily	Bangor	ME	
Baldinger	Anna	Ungenach		Austria
Ballard	Devin	Caribou	ME	
Ballew	Erin	Hallowell	ME	
Balzano	Samuel	Portland	ME	
Barber	Ian	Gorham	ME	
Barberi	Olivia	Winterport	ME	
Barker	Cleo	Portland	ME	
Barletta	Anthony	Mahopac	NY	
Barra	Dominic	Wells	ME	
Bartlett	James	Jay	ME	
Bartlett	Lucas	Oakland	ME	
Basquez	Sarah	Brunswick	ME	
Bates	Gina	Merrimack	NH	
Batherson	William	Westbrook	ME	
Baucum	Matthew	Dexter	ME	
Bauer	Danielle	Dedham	ME	

Baumrind	Jade	Orono	ME
Bazydlo	Zachary	Pawcatuck	CT
Beacham	Gwendolyn	Farmington	ME
Beal	Caleb	Machiasport	ME
Bean	Justin	Turner	ME
Bean	Philip	Sidney	ME
Beaton	Cordell	Houlton	ME
Beauchemin	Michelle	Saco	ME
Beauchesne	Julie	Camden	ME
Beaudry	Zachary	Searsport	ME
Beaulier	Abbigale	Berwick	ME
Beaulieu	Aaron	Hampden	ME
Becker	Alexandrea	Newburgh	ME
Beckwith	Sydney	Easton	ME
Bedard	Ciera	Owls Head	ME
Beeckel	John	Augusta	ME
Begin	Daniel	Epping	NH
Begin	Robert	Saco	ME
Belanger	Alexander	Dayton	ME
Belanger	Dylan	Moscow	ME
Belanger	Michael	Amherst	NH
Belisle Haley	Campbell	Yarmouth	ME
Bellefleur	Abby	Auburn	ME
Bellinger	Joshua	Bethel	ME
Benedix	Derek	Mexico	ME
Bennett	Abigail	Oxford	ME
Bennett	Alan	Gray	ME
Bennett	Lauren	Auburn	ME
Benoit	Mitchell	Cape Neddick	ME
Benson	Margaret	Milford	ME
Berger	Olivia	Bethel	CT
Bergeron	Brett	Newmarket	NH

Berkey	Zoe	Duncan	BC	Canada
Berkun	Jonathan	East Greenbush	NY	
Berndt	Connor	Champlin	MN	
Berry	Caleb	Livermore	ME	
Berube	Anna	Brewer	ME	
Berube	Teddy	Brewer	ME	
Bianchi	Chelsea	Derby Line	VT	
Bibb	Tiana	Jericho	VT	
Bickford-Duane	David	Orrington	ME	
Bierman	Courtney	Hancock	ME	
Billings	Ryan	West Paris	ME	
Bilodeau	Juliana	Brewer	ME	
Bird	Norah	Orono	ME	
Bisbee	Wyatt	Winterport	ME	
Bishop	Sarah	Orono	ME	
Bistri	Donald	Tirana		Albania
Biswas	Sonia	Brewer	ME	
Bizier	Thomas	Livermore	ME	
Bjork	Michael	Georgetown	MA	
Black	Brailee	Trenton	ME	
Black	Evan	Biddeford	ME	
Black	Jill	Bangor	ME	
Black	Troy	Mississauga	ON	Canada
Blackburn	Cody	Cherryfield	ME	
Blackwell	Craig	Old Town	ME	
Blair	Lindsey	Milford	ME	
Blake	Austin	Westbrook	ME	
Blanchard	Brian	Thorndike	ME	
Blanchard	Matthew	Cumberland Center	ME	
Blauvelt	Ashley	Lewiston	ME	
Blauvelt	Samuel	Windham	ME	
Blood	Emily	Searsmont	ME	

Bloss	Amanda	Litchfield	ME	Canada
Blunt	Allison	South Berwick	ME	
Bodwell	Blake	Brunswick	ME	
Boire	Michael	Milford	ME	
Bois	Kevin	Westbrook	ME	
Boissonneault	Eve	Sudbury	ON	
Boivin	Marissa	Saco	ME	
Boldebook	Joshua	Saco	ME	
Bolduc	Kelsey	Oakland	ME	
Bolduc	Natalie	Dixfield	ME	
Bolduc	Samuel	Bangor	ME	
Bolin	Danielle	Windsor Locks	CT	
Bonin	Jesse	Boothbay	ME	
Boomer	Nicholas	Hampden	ME	
Boomer	Rebekah	Hampden	ME	
Boomer	Sarah	Hampden	ME	
Bordeau	Emily	Old Orchard Beach	ME	
Borden	Jenna	Orono	ME	
Borer	Mary	Mariaville	ME	
Borger	Emily	Hanscom AFB	MA	
Boruta-Howard	Tess	Boiceville	NY	
Bouchard	Ariane	Old Orchard Beach	ME	
Bouchard	Janelle	Kennebunkport	ME	
Bouchard	Margaret	Topsham	ME	
Boucher	Katherine	East Lyme	CT	
Boucher	Ryan	Madawaska	ME	
Bouffard	Ian	Wales	ME	
Boulos	Jaime	New Gloucester	ME	
Bourgoin	Brandon	Lee	ME	
Bourque	Blake	Belgrade	ME	
Bousfield	Kayla	Glenburn	ME	
Bouthot	Justine	Biddeford	ME	

Bovie	Marissa	Vassalboro	ME
Bowen	Nicole	Fairfield	ME
Bowen	Zachary	Plaistow	NH
Bowers	Sarah	Westwood	MA
Bowie	Benjamin	South Paris	ME
Bowman	Evan	Hermon	ME
Bowman	Rosanna	Hope	ME
Bowser	Torey	Austinburg	OH
Boyle	Nicoleen	Nashua	NH
Brache	Merrill	Orland	ME
Brackett	Ashley	Auburn	ME
Brackett	Taylor	Auburn	ME
Bradford	Abigail	Westport Island	ME
Bradley	Samantha	Winchester	MA
Bradstreet	Brian	Wales	ME
Brakey	Allison	Orono	ME
Brannigan	Jack	Chelsea	ME
Brasslett	Roger	Brewer	ME
Brennick	Lindsay	Jay	ME
Briggs	Alyson	Brewer	ME
Briggs	Jack	York	ME
Brigham	Emilie	Andover	MN
Brightney	James	Newburyport	MA
Brittan	James	Amesbury	MA
Brooks	Erika	Cushing	ME
Brooks	Tyler	Orono	ME
Brown	Aaron	Clinton	ME
Brown	Abegayle	Gorham	ME
Brown	Austin	Easton	PA
Brown	Benjamin	Norway	ME
Brown	Darren	Westbrook	ME
Brown	Garrett	Eliot	ME

Brown	Isiah	Dixfield	ME	Canada
Brown	Jordan	Augusta	ME	
Brown	Joshua	Orono	ME	
Brown	Renee	Schenectady	NY	
Brown	Samantha	Old Town	ME	
Brown	Shabrille	Orono	ME	
Brown	Taylor	Bar Harbor	ME	
Browne	Hailey	Oakville	ON	
Bruni	Meghan	Bangor	ME	
Bruno	Catherine	Hampden	ME	
Bryant	Emily	Orono	ME	
Buck	Caleb	Mapleton	ME	
Buck	Clarissa	Chapman	ME	
Bucklin	Benjamin	Searsport	ME	
Bucklin	Jacob	Searsport	ME	
Bucknell	Adam	Gorham	ME	
Buczkowski	Emily	Woolwich	ME	
Bullard	Andrew	Alfred	ME	
Bunn	Connor	Mertztown	PA	
Buotte	Matthew	Gorham	ME	
Burgess	Mitchell	Standish	ME	
Burgess	Mitchell	Veazie	ME	
Burk	Jessica	Warrenton	VA	
Burkhart	Ryley	Skowhegan	ME	
Burnette	Matthew	Brunswick	ME	
Burnham	Eleanor	Portland	ME	
Burns	Nathan	Whitefield	ME	
Bursch	Cody	Minneapolis	MN	
Burton	Abbie	Bar Harbor	ME	
Burton	Lindsey	North Yarmouth	ME	
Bussell	Kelly	Bangor	ME	
Buteau	Joanne	Old Town	ME	

Butler	John	Newport	ME
Byrnes	Meaghan	Windham	ME
Caccese	Vincent	Bangor	ME
Cahan	Emily	Georges Mills	NH
Callahan	Kathryn	Bangor	ME
Campbell	Jordan	Holden	ME
Canarr	Randy	Hampden	ME
Capella	Maralee	Wanaque	NJ
Caramihalis	Katherine	Alfred	ME
Carle	Forrest	Calais	ME
Carlin	Karyn	Surry	ME
Carlson	Benjamin	Gorham	NH
Carmichael	Chloe	Bucksport	ME
Caron	Christina	Dayton	ME
Caron	Kimberly	Brewer	ME
Caron	Molly	Holden	ME
Caron	Tanner	Old Town	ME
Carpenter	Taylor	New Limerick	ME
Carpentier	Bradford	Windham	ME
Carr	Jordan	Veazie	ME
Carr	Josh	Calais	ME
Carrigan	Caroline	Topsham	ME
Carroll	Aleeshia	Lyman	ME
Carroll	Hugh	Peaks Island	ME
Carten	Sarah	Reading	MA
Caruso	Paul	Westbrook	ME
Carver	Bruce	Richmond	ME
Casey	Jillian	Burlington	MA
Cashin	Jennifer	New Boston	NH
Cashman	Anna	W Wardsboro	VT
Cass	Corbin	Alfred	ME
Castagnetto	Kyle	Winslow	ME

Castonguay	Arianna	Augusta	ME	
Castonguay	Nicole	Wayne	ME	
Castro	Anthony	Cape Elizabeth	ME	
Caulfield	Kathryn	Naples	ME	
Cavanaugh	Meaghan	Calais	ME	
Caywood	Naomi	New Sharon	ME	
Cedrone	Evan	Manchester	CT	
Cekada	Samuel	Scarborough	ME	
Cerretani	Andrew	Pelham	NH	
Chadbourne	Jessica	Orono	ME	
Chadwick	Jennifer	Burnham	ME	
Chamberlain	Thad	Benton	ME	
Chamberland	Ryan	Auburn	ME	
Chamberlin	Phoebe	Auburn	ME	
Chambers	Hannah	Portland	ME	
Chambers	Jake	Orono	ME	
Chambers	Matthew	Hanson	MA	
Champagne	Josie	Fairfield	ME	
Champagne	Rebecca	West Gardiner	ME	
Chan	Perry	Lewiston	ME	
Chaney	Rachel	Portland	ME	
Chapman	Benjamin	Portland	ME	
Charles	Chantel	Hackney, London		United Kingdom
Chartier	Justin	Dixfield	ME	
Chase	Aaron	Concord	NH	
Chase	Brittney	Glenburn	ME	
Chase	Rachel	Warren	ME	
Chavis	Hannah	Fairfield	ME	
Cheff	Joseph	Glenburn	ME	
Chen	FuFei	Owls Head	ME	
Chevalier	Kathryn	South Hadley	MA	
Chiamulera	Chelsea	South Portland	ME	

Chickanosky	Anne	Hillsboro	OR
Choi	Jaeyong	Englewood Cliffs	NJ
Chretien	Brandyn	South Portland	ME
Chu	Connor	Winthrop	ME
Churchill	Julie	Fayette	ME
Cigri	Brandon	Freeport	ME
Ciomei	Hayden	Stonington	ME
Cirrinone	Amy	Hampden	ME
Claar	Joseph	Orono	ME
Clark	Amanda	Milford	NH
Clark	Brandon	Greene	ME
Clark	Crystal	Chelsea	ME
Clark	Daniel	Bangor	ME
Clark	Edward	Croton on Hudson	NY
Clark	Jesse	Calais	ME
Clark	Kaitlin	Standish	ME
Clark	Kevin	Bangor	ME
Clark	Matthew	West Gardiner	ME
Clarke	Mamie	Sebec	ME
Clarke	Naedia	Randolph	MA
Claussen	Rachel	North Granby	CT
Clement	Jessi	Orono	ME
Clement	Katy	Berwick	ME
Clement	Leah	Orono	ME
Clements	Jonathan	Newburgh	ME
Clements	Rebecca	Veazie	ME
Cliff	Audrey	Hermon	ME
Clifford	Dillon	Lisbon Falls	ME
Clifford	Julie	Bangor	ME
Clifford	Krista	Oxford	ME
Clifford	Tiffany	Clinton	ME
Cloran	William	Lincoln	ME

Closson	Andrew	Hampden	ME
Closson	Matthew	Hampden	ME
Cloutier	Catharine	Liberty	ME
Cloutier	Emberly	Niskayuna	NY
Cloutier	Hannah	Old Town	ME
Cloutier	Moriah	Vassalboro	ME
Cloutier	Nathen	Bowdoin	ME
Cloutier	Shane	Durham	ME
Cloutier	Taylor	Old Town	ME
Co	Aimee	Orono	ME
Cochran	Deidre	Dixfield	ME
Cochran	Taylor	Topsfield	ME
Codega	Anthony	Castine	ME
Coffin	Bryce	Portland	ME
Cogley	Brian	Roxbury	ME
Colburn	Shelby	Eddington	ME
Cole	Alexandra	Belgrade	ME
Cole	Dylan	Hampden	ME
Cole	Nikki	Sidney	ME
Cole	Ryan	Smyrna Mills	ME
Coleman	Tyler	Rockport	ME
Collett	Schuyler	Orono	ME
Collias	Joseph	Wilton	CT
Collins	Annie	Caribou	ME
Collinsworth	Aaron	Millinocket	ME
Colson	Sierra	Mount Desert	ME
Comaskey	Lucy	Brunswick	ME
Conaway	Clay	Georgetown	DE
Conley	Jared	Sanford	ME
Conley	Jenna	Scarborough	ME
Connerty-Marin	Zachary	Orono	ME
Conrad	Olivia	Yarmouth	ME

Cook	Abigail	Canandaigua	NY
Cooper	Ashley	Westport	MA
Copeland	Theresa	Holden	ME
Copp	Jason	Clinton	ME
Copperman	Keren	Orono	ME
Cormier	Jacqueline	Sullivan	ME
Cormier	Kayla	Caribou	ME
Cormier	Ross	Bangor	ME
Correale	Jessica	Bangor	ME
Corson	Carrie	Detroit	ME
Cote	Jessica	Lewiston	ME
Cote	Robert	Biddeford	ME
Courtney	Alexandra	Saco	ME
Courtney	Amelia	Saco	ME
Courtright	Sarah	Bangor	ME
Cousins	Adam	Sedgwick	ME
Couture	Emalee	West Gardiner	ME
Couture	Jordan	Jay	ME
Covey	Kelly	Middlebury	VT
Cowan	Kara	Orrington	ME
Cowger	Felicia	Weston	ME
Cowperthwaite	Wesley	Windham	ME
Cox	Ryan	Bar Harbor	ME
Cox	Sean	Bar Harbor	ME
Coyle	Ciaran	Lebanon	NH
Crabtree	Whytne	Gouldsboro	ME
Cramer	Camille	Milo	ME
Crane	Ashley	Gorham	ME
Craven	Sarah	Winchester	MA
Crawford	Anthony	Wells	ME
Crawford	Eleanor	South Portland	ME
Crocker	Brandon	Glenburn	ME

Crocker	Mason	Gorham	ME
Cromwell	Jackson	Westport Island	ME
Cronin	Colby	Sanford	ME
Cronin	Taylor	Naples	ME
Cross	Heather	Barton	VT
Cross	Jenna	Bangor	ME
Croteau	Kendall	Hampton	NH
Crowley	Jamie	Old Orchard Beach	ME
Crowley	Kaitlyn	Sandwich	MA
Cullinane	Grace	Enfield	NH
Cumming	James	Manchester	ME
Cummings	Kerry	Westport Island	ME
Cunney	Andrea	Brewer	ME
Curless	Jeffrey	Watertown	CT
Curran	Nicolette	Skowhegan	ME
Curtin	Jake	Ronkonkoma	NY
Curtis	Amanda	Freeport	ME
Curtis	Caroline	Virginia Beach	VA
Cust	Alex	Hampden	ME
Cutting	Kathryn	Sebago	ME
Czora	Thelian	Contoocook	NH
D'Alessio	Daniel	North Dighton	MA
D'Antilio	Kestrel	Hartland	ME
D'salva-Bouton	Ruby	Guilford	ME
Dagher	Christiana	Veazie	ME
Dagher	Katerina	Veazie	ME
Dahlberg	Cooper	Friendship	ME
Daigle	Elise	Natick	MA
Daley	Jennie	Sullivan	ME
Daley	Jennifer	Orrington	ME
Damboise	Shaunna	Kents Hill	ME
Damon	Elizabeth	Sumner	ME

Dandy	Michael	Portland	ME
Daneau	Alexis	Lawrence	MA
Danforth	Ashley	Hampden	ME
Darling	Douglas	Wells	ME
Darlington	Jana	Brockton	MA
Darragh	Jade	Bucksport	ME
Dastgheib- Beheshti	Kayvan	Bangor	ME
Davis	Brady	Freeport	ME
Davis	Jennifer	Kennebunkport	ME
Davis	Kelsey	Deer Isle	ME
Davis	Nathan	Deer Isle	ME
Day	Matthew	Brunswick	ME
De Matos Pio	Joao	New York	NY
Deakin	Joshua	Hampden	ME
Dean	Chelsea	Seabrook	NH
Dean	Kimberlei	Greenwood	ME
Dean	Shannon	Bedford	NH
Dean	Zachary	South Thomaston	ME
DeBrock	Spencer	Newtown	CT
Decker	Daniel	Dover Foxcroft	ME
Deering	Emily	South China	ME
Deerwester	Eric	Yarmouth	ME
DeForest	Sally	Old Town	ME
DeFrancesco	Kayleigh	Saco	ME
DeGone	Brianna	Turner	ME
Dehetre	April	Old Town	ME
Delcourt	Meaghan	Old Town	ME
DeLisle	Allison	Rome	ME
DellaMattera	Allison	Belfast	ME
DeLong	Hannah	Auburn	ME
DeLong	Joshua	Auburn	ME
DeLorme	Jacob	West Simsbury	CT

Demin	Elizabeth	Saco	ME
Denbow	Chad	Lubec	ME
Dendinger	Reuben	Orono	ME
Denholm	Bradley	Marshfield	MA
Densmore	Drew	New Gloucester	ME
Deroche	Caroline	Eddington	ME
Deschamps	Monicque	Belfast	ME
Deschesne	Jasmine	Hampden	ME
Desjardins	Lucas	Bangor	ME
Desmarais	Jade	Dracut	MA
Desmarais	Molly	Kennebunk	ME
Despres	David	Kennebunkport	ME
Desrochers	Spencer	Biddeford	ME
Desrosiers	Kailey	Glenburn	ME
DeVaudreuil	Laura	Cumberland	ME
Dever	Mary	Dover Foxcroft	ME
Devers	Connor	North Attleboro	MA
DeVoe	Savannah	Naples	ME
Dezso	Lisa	Old Town	ME
DiBello	Kristen	Greene	ME
Dickens	Sarah	Dedham	ME
Dickinson	Jaden	Skowhegan	ME
Diemer	Trevor	Freedom	ME
DiPhilippo	Isabella	Scarborough	ME
DiPrisco	Chad	Springvale	ME
Discatio	LaRae	Scarborough	ME
Dix	Alexandria	Lebanon	ME
Doak	Lauren	Fort Kent	ME
Doane	Megan	Orrington	ME
Doiron	Cara	Bangor	ME
Doman	Steven	Portland	ME
Dominguez Lash	Marianna	Londonderry	NH

Donahue-Ramsey	Samantha	Scarborough	ME	Canada
Donovan	Laura	Veazie	ME	
Dood	Megan	Readfield	ME	
Dooling	Katie	South Portland	ME	
Dooling	Kelly	South Portland	ME	
Doran	Brian	Ayr	ON	
Dorman	Maxwell	Keene	NH	
Doty	Emily	Lyndonville	VT	
Doty	James	Ellsworth	ME	
Douglass	Dana	Phippsburg	ME	
Douglass	Kristen	Orono	ME	
Dow	Hayden	Presque Isle	ME	
Dow	Lillian	Millinocket	ME	
Dowd	Kailey	Mendon	MA	
Downer	Tori	Cape Elizabeth	ME	Canada
Downing	Mindy	Brownville	ME	
Doyon	Emily	Biddeford	ME	
Doyon	Kristopher	Westbrook	ME	
Drake	Hunter	Hudson	MA	
Drake	Kaitlin	Bangor	ME	
Drinkwater	Maggie	South Thomaston	ME	
Drummond	Chase	Weeks Mills	ME	
Drummond	Hannah	Veazie	ME	
Dube	Kaitlyn	Woolwich	ME	
Dube Trempe	Claudia	Chambly	QC	
DuBois	Desirae	Hermon	ME	
Dubois	Nicole	Colchester	VT	
Dubois	Samuel	Oakland	ME	
Dubovy	Molly	Bangor	ME	
Dubuc	Nate	Windham	ME	
Duff	Michelle	Bangor	ME	
Duffield	Charles	Old Orchard Beach	ME	

Dufresne-Dixon	Marie	Auburn	ME
Duguay	Sage	Waterville	ME
Dumas	James	Lewiston	ME
Dumas	Jared	Lewiston	ME
Dumas	Kevin	Old Town	ME
Dumas	Patrick	Gray	ME
Dunbar	Elizabeth	Southwest Harbor	ME
Duncan	Dakota	Greene	ME
Dundas	Chandler	Bath	ME
Dunham	Jennifer	Old Town	ME
Dunham	Laura	Temple	ME
Dunleavey	Michael	Gouldsboro	ME
Dunn	Avery	Dayton	ME
Dunn	Brendan	Bangor	ME
Dunn	Nathan	Berwick	ME
Dunning	Matthew	Orrington	ME
Dunphy	Megan	Pittsfield	ME
Duong	Sean	South Portland	ME
Duperry	Ryan	Clinton	ME
Dupuis	Lynsie	Rumford	ME
Durkin	Joseph	Brunswick	ME
Duron	Olivia	Hampden	ME
Dusenge	Belise	Orono	ME
Dutil	Ryan	Winslow	ME
Dwyer	Cameron	Orono	ME
Dwyer	Patrick	Worcester	MA
Dyer	Emily	Bristol	RI
Dyer	Guthrie	Orono	ME
Dyer	Jessica	Brooksville	ME
Dyson	Zachary	Chester	NH
Dziegiel	Brandie	Southwest Harbor	ME
Eaton	Ashley	Yarmouth	ME

Eaton	Layla	Sunset	ME
Ebihara	Tomohiro	Lexington	MA
Edes	Ashlyn	Orono	ME
Edmondson	Mimi	North Yarmouth	ME
Edwards	Kelly	Pownal	ME
Edwards	Nathan	Old Town	ME
Egeland	Dylan	Cape Elizabeth	ME
Elder	Hannah	Edgecomb	ME
Eldridge	Erin	Brunswick	ME
Eldridge	William	Gorham	ME
Ellsworth	Naomi	Greenwood	ME
Elsemore	Caleb	South Portland	ME
Emajoe	Liis	Orono	ME
Emerson	Samantha	Bradley	ME
Emery	Jordan	Skowhegan	ME
Emery	Mason	South China	ME
Emt	Carly	Belfast	ME
Engelhart	Karl	Nashua	NH
England	Matthew	Bangor	ME
Engroff	Aaron	Orrington	ME
Eramo	Courtney	Rowley	MA
Ericson	Lucy	Yarmouth	ME
Errico	Lauren	Kennebunk	ME
Erwin	Rosaleen	Brunswick	ME
Eslin	Allyson	Bangor	ME
Espling	Kelsie	New Sweden	ME
Etro	Isabella	Eliot	ME
Evans	Andrea	Milford	ME
Fagan	Austin	Sanford	ME
Fairfield	Benjamin	Westport Island	ME
Fappiano	Nicholas	Exeter	NH
Fagnoli	Nicholas	Wayland	MA

Farley	Gabrielle	Blue Hill	ME	
Farnham	Nathan	Hermon	ME	
Farr	Allison	Cumberland Center	ME	
Faucette	Jill	Saco	ME	
Favreau	Nicole	Brunswick	ME	
Favreau	Samuel	Falmouth	ME	
Fearing	Sarah	Union	ME	
Federico	Jennifer	Glenburn	ME	
Fellows	Mitchell	Readfield	ME	
Femia	Kristi	South Salem	NY	
Ferguson	Grace	Gray	ME	
Ferguson	Julianna	Sandwich	MA	
Fernald	Caleb	Brewer	ME	
Ferracci	Joseph	Norway	ME	
Ferry	Shauna	Bowdoinham	ME	
Ferszt	Jerry	Caribou	ME	
Feuka	Abigail	Perry	MI	
Fichter	Casey	Benedicta	ME	
Finemore	Kirsha	Oakland	ME	
Fischer	Matthew	Wells	ME	
Fish	Amy	Mountville	PA	
Fisher	Zachary	Sabattus	ME	
Fitzgerald	Allicyn	Bowdoin	ME	
Fitzpatrick	Molly	North Yarmouth	ME	
Fitzpatrick	Shannon	North Yarmouth	ME	
Flanagan	Meghan	Brookline	NH	
Flanagan	Ryan	Farmington	ME	
Fleetwood	William	Glossop		United Kingdom
Fletcher	Jennifer	South Portland	ME	
Flynn	Brian	Rocky Hill	CT	
Fogarty	Alyssa	South Berwick	ME	
Fogarty	Brittany	Houlton	ME	

Fogel	Emily	Vienna	VA
Fogg	Kailey	Old Orchard Beach	ME
Fogg	Lauren	Old Orchard Beach	ME
Foley	Erin	Winterport	ME
Foley	Jackson	Eliot	ME
Foley	Jayne	Bangor	ME
Foley	Sean	Portland	ME
Foley	Timothy	Orono	ME
Folger	Madelyn	South Berwick	ME
Folsom	Alison	Saco	ME
Fongemie	Derek	Topsham	ME
Forand	Scott	Hermon	ME
Fortier	Tara	Guilford	ME
Fortier-Brown	Colby	Randolph	ME
Fortier-Brown	Patrick	Randolph	ME
Fortin	Michaela	Jefferson	ME
Foster	Andrew	Jefferson	ME
Foster	Devon	Bangor	ME
Foster	Jacob	Athol	MA
Foster	Krista	Hudson	ME
Fournier	Andrew	Bangor	ME
Fournier	Casey	South Portland	ME
Fournier	Nicholas	Bangor	ME
Francis-Mezger	Pascal	Searsport	ME
Frank	Daniel	Scarborough	ME
Franklin	Amy	Bath	ME
Franklin	Laura	Greenwood	ME
French	Aaron	Lisbon	ME
Freshley	Sara	Brunswick	ME
Frey	Derek	Kenduskeag	ME
Fried	Nicholas	Millerstown	PA
Frisard	Meghan	Worcester	MA

Frost	Sarah	Franklin	ME	
Fuller	Chynna	Orono	ME	
Fullmer	Logan	Lebanon	PA	
Gagne	Cassidy	Barrington	NH	
Gagne	Eliot	Westbrook	ME	
Gagnon	Justin	Milford	ME	
Gagnon	Kristen	Haverhill	MA	
Gagnon	Racheal	Lincoln	ME	
Gagnon	Victoria	Madawaska	ME	
Galante	Joseph	York	ME	
Galgano	Elise	Cape Elizabeth	ME	
Gallant	Emily	Rumford	ME	
Galley	Kathryn	Temple	NH	
Garcelon	Cassie	Brewer	ME	
Garfield	Nicholas	Lowell	ME	
Gatchell	Amber	Franklin	MA	
Gates	Avery	Norway	ME	
Gayton	James	Sabattus	ME	
Gayton	Kayla	Sabattus	ME	
Geffken	Maximilian	Lincolnville	ME	
Geldermann	Hallie	Bristol	NH	
Gelinas	Robert	Orono	ME	
Gendreau	Jacob	Saint David	ME	
Georges	Marie-France	Orono	ME	
Gerchman	Logan	Denmark	ME	
Germaine	Christine	Garland	ME	
Germaine	Rachel	Westbrook	ME	
Germanakos	Adrienne	Lynbrook	NY	
Gerostergiou	Christiana	Thessaloniki		Greece
Gervais	Connor	Scarborough	ME	
Ghergia	Daniel	Holden	ME	
Gibbons	Amanda	Saco	ME	

Gibbs	Wendy	Brooks	ME
Gibson	Henry	Old Town	ME
Gifford	Miranda	Bradley	ME
Gilbert	Christopher	Bernardston	MA
Gilbert	Christopher	Scarborough	ME
Gilbert	Rebecca	Oxford	ME
Gilio	Jordyn	Hampden	ME
Gillette	Catherine	Brownfield	ME
Gilmore	James	Canton	MA
Gilmour	Alyssa	Cato	NY
Gilmour	Kristin	Orono	ME
Girard	Michele	North Yarmouth	ME
Girardin	Hailey	Auburn	ME
Giroux	Marissa	Richmond	VT
Gleason-Boure	Nicolas	Windham	ME
Glusker	Elisha	Augusta	ME
Goff	Emma	Standish	ME
Gogan	Cornelia	Old Town	ME
Gogos	Katina	Belmont	MA
Goins	Faythe	Elgin	SC
Gold	Zachary	Orono	ME
Golden	Caroline	Westbrook	ME
Gonnella	Edward	Old Town	ME
Gonyar	Ryan	Veazie	ME
Good	Brittany	Presque Isle	ME
Good	Madeline	Monticello	ME
Goode	Andrew	Boothbay	ME
Goodin	Joseph	Bucksport	ME
Goodine	Devanne	North Yarmouth	ME
Goodine	Mercedes	Bangor	ME
Goodwin	Cameron	Windham	ME
Goodwin	Rita	Passaic	NJ

Gordon	Joshua	Presque Isle	ME	
Gori	Jillian	South Berwick	ME	
Gosselin	Sarah	Greene	ME	
Gosselin	Taylor	Greene	ME	
Gottlieb	Kathryn	Boothbay	ME	
Gougeon	Marie-Pier	Laval	QC	Canada
Gouin	Pierrot	Trelaze		France
Gould	Grace	Waterville	ME	
Goulet	Joshua	Standish	ME	
Goulet	Stephen	Presque Isle	ME	
Goulette	Zachary	Turner	ME	
Goupille	Kyle	Presque Isle	ME	
Gowell	Ian	Amherst	NH	
Gowen	Hannah	Westbrook	ME	
Gower	Abigail	Whitefield	ME	
Grady	Katerina	Canton	MA	
Grady	Kelsie	Waldoboro	ME	
Graebert	Colin	Stockton Springs	ME	
Gramse	Stephanie	Falmouth	ME	
Granger	Aeleah	Gray	ME	
Grant	Justin	Lisbon Falls	ME	
Grant	Miranda	Ellsworth	ME	
Grant	Nicholas	Berwick	ME	
Grant	Rebecca	Parkman	ME	
Graveson	Jeffrey	Uxbridge	MA	
Gray	Abbie	Poland	ME	
Gray	Adam	Northeast Harbor	ME	
Gray	Kayla	Verona Island	ME	
Greco	Callie	Greene	ME	
Greenawalt	Kayla	Auburn	PA	
Greenwood	Ben	Livermore	ME	
Greenwood	Courtney	Windham	ME	

Gregory	Steven	Millinocket	ME	
Grenier	Walter	Lamoine	ME	
Gridley	Sierra	Portland	ME	
Griffin	Ashley	Coventry	RI	
Griffin	Gregory	Hodgdon	ME	
Griffith	Thomas	Orono	ME	
Grillo	John	Kennebunk	ME	
Grindle	Samuel	Deer Isle	ME	
Grinnell	Lucas	Milo	ME	
Grissinger	Alexa	Elkins Park	PA	
Griswold	Samuel	Orono	ME	
Grondin	Sarah	Falmouth	ME	
Gross	Evelyn	Windham	ME	
Grossman	Emily	Westbrook	ME	
Grover	Hannah	East Vassalboro	ME	
Grover	Ian	Corinna	ME	
Grusd	Samantha	Great Neck	NY	
Guelfi	Natasha	Karrinyup	WA	Australia
Guerrette	Hannah	Mapleton	ME	
Guild	Cameron	Manchester	ME	
Gundlach	Chelsey	Norwood	MA	
Gunning	Stacy	South China	ME	
Guralnick	Jacob	Ann Arbor	MI	
Gurney	Mercedes	Rumford	ME	
Gustafsson	Mikaela	Sodertalje		Sweden
Gustin	Morgan	Merrill	ME	
Gustin	Vance	Merrill	ME	
Gutowski	Abigale	Conway	NH	
Hafford	Benjamin	Dedham	ME	
Hahn	Michael	Bow	NH	
Haines	Savannah	Westport Point	MA	
Halfman	Maggie	Fond Du Lac	WI	

Hall	Heather	Sebago	ME
Hall	Michael	Felton	DE
Hallczuk	Taylor	Biddeford	ME
Haller	Taryn	Mystic	CT
Hallgren	Jacob	Berlin	NH
Hamami	Efrat	Lexington	MA
Hamel	Emily	Auburn	ME
Hamilton	Jessica	Orono	ME
Hamm	Jill	Bangor	ME
Hamm	Karen	Old Town	ME
Hamm	Matteah	Brewer	ME
Hammond	Allison	Rangeley	ME
Hammond	Matthew	Hampden	ME
Hamrick	Nichole	Ellsworth	ME
Hand	Samantha	Brewer	ME
Hanestad	Michael	Old Town	ME
Hankey	Jonathan	West Paris	ME
Hannigan	Abigail	Kittery Point	ME
Hannigan	Ashley	Littleton	ME
Hanscom	Dylan	Dexter	ME
Hanson	Erik	Hampden	ME
Hanson	Kaitlyn	Warren	ME
Hanson	Katelynn	Bucksport	ME
Hardy	Emma	Veazie	ME
Hardy	Jessie	Bangor	ME
Haritos	Charles	Kennebunk	ME
Harkins	Matthew	Bernard	ME
Harnden	Alexandra	Strong	ME
Harrington	Danielle	Milford	ME
Harris	Jacquelyn	Westbrook	ME
Harris	Karissa	Hodgdon	ME
Harris	Nikol	Old Town	ME

Harris	Rebecca	Saco	ME	United Kingdom
Harrison	Julia	Yarmouth	ME	
Harrison	Phillip	St Johns		
Hart	Andrew	Phippsburg	ME	
Hartford	Alexander	Jay	ME	
Hartin	Mataya	Crystal	ME	
Hartin	Shelby	Crystal	ME	
Harvey	Alicia	South Portland	ME	
Harvey	Kathleen	Mercer	ME	
Harvey	Naja	Saint Paul	MN	
Harvey	Rachel	Southington	CT	
Harvie	Christian	Scarborough	ME	
Hashey	Nicolette	Hermon	ME	
Haskell	Lyndsey	Nashua	NH	
Hatch	Andrew	Hebron	ME	
Hatch	Denae	Campton	NH	
Hatch	Jacob	Portland	ME	
Hatch	Samuel	Litchfield	ME	
Hathaway	Carter	Turner	ME	
Hathaway	Katie	Veazie	ME	
Hauer	Alexander	Bridgeport	CT	
Haughton	Austin	Kingston	MA	
Haverkamp	Holland	Old Town	ME	
Hawkins	Tabatha	Norway	ME	
Hawkins	Todd	Augusta	ME	
Hayden	Anna	Brewer	ME	
Hayes	Jordan	Berwick	ME	
Hayes	Stephanie	Bangor	ME	
Hayes	William	Harpswell	ME	
Hayford	Andrew	Cape Neddick	ME	
He	Jiayi	Nanning		China
Heald	Sarah	Clinton	ME	

Heald	Tina	West Enfield	ME
Heath	Josie	Augusta	ME
Heath	Scott	Westbrook	ME
Hebert	Benjamin	South Berwick	ME
Hebert	Sydney	Westbrook	ME
Hegarty	Holly	Bangor	ME
Heikkinen	Mikael	Auburn	ME
Hein	Jill	Holden	ME
Helsor	Logan	Lincoln	ME
Heno	Timothy	Franklin	MA
Herlihy	John	Brewer	ME
Hermansen	Kai	Old Town	ME
Hernandez	Marcy	Houlton	ME
Herrick	Robert	Topsham	ME
Herrschaft	Gene	Portland	ME
Hersom	David	Turner	ME
Heuschkel	James	New Hartford	CT
Hewins	Kia	Cape Elizabeth	ME
Heyden	Deborah	Carmel	ME
Hickey	Chelsea	Cumberland Center	ME
Hidu	Julia	Hampden	ME
Higgins	Carolyn	Melrose	MA
Higgins	Kirsten	Bangor	ME
Higgins	Lucas	Waterville	ME
Higgins	Nickolette	Hermon	ME
Higgins	Shawn	Bangor	ME
Hildebrant	Charles	Dover Foxcroft	ME
Hill	Catherine	Charlotte	VT
Hill	Christopher	Littleton	NH
Hill	Kathleen	Ellsworth	ME
Hillier	Todd	Bangor	ME
Hindley	Dillion	Freeport	ME

Hindley	Zachery	Freeport	ME
Hintz	Mara	Durham	CT
Hitte	Hannah-Nicole	West Warwick	RI
Hoak	Sarah	Cambridge	ME
Hockridge	Cady	Bangor	ME
Hoepner	Joshua	Damariscotta	ME
Hoey	Isaac	Searsmont	ME
Hofacker	William	South Berwick	ME
Hoffman	Caleb	Waterville	ME
Hoffman	Ethan	Stoughton	MA
Hoffman	Melissa	Madison	CT
Hogan	Paige	Wallingford	CT
Holbrook	Sarah	Fort Fairfield	ME
Holden	Hannah	Belfast	ME
Holland	Lauren	Canterbury	CT
Hollen	Rachel	Freeport	ME
Holmsen	Erik	Oakland	ME
Hood	Leslie	Bath	ME
Hooke	Steven	Bangor	ME
Hoops	Sarah	Scarborough	ME
Horne	Joshua	Jay	ME
Horne	Molly	Holden	ME
Horowitz	Laura	Pittsfield	ME
Houdeshell	Jordan	Ledyard	CT
Houp	Lindsay	Brewer	ME
Houston	Emma	Kingfield	ME
Howard	Aubrie	Fryeburg	ME
Howard	Kenneth	Greenville Jct	ME
Howe	Maeghen	Biddeford	ME
Howell	Anne	Union	ME
Howell	Lauren	Ludlow	ME
Howson	Margaret	Hampden	ME

Howson	Maria	Hampden	ME	
Hoyle	Audrey	Alfred	ME	
Hoyt	Allison	Concord	NH	
Hu	Yuqi	Hangzhou		China
Huang	Zheng	Yuyao		China
Hubbard	Kennedy	Auburn	ME	
Hummel	Victoria	Niederoesterreich		Austria
Huneke	Brittney	Hastings	MN	
Hunt	Gary	Orono	ME	
Hunt	Jamie	Portland	ME	
Hunter	Haley	Caribou	ME	
Hupper	Afton	Owls Head	ME	
Hurley	Danica	Richmond	ME	
Hurley	Nicole	Standish	ME	
Hussey	Zachary	Hudson	ME	
Huston	Cameron	Washburn	ME	
Huston	Nicholas	Woolwich	ME	
Hutchins	Jamie	Rumford	ME	
Hutchins	Travis	Winthrop	ME	
Hutchinson	Britni	Turner	ME	
Iannazzi	Angelina	Hampden	ME	
Illingworth	Emily	Eddington	ME	
Ingalls	Matthew	Wells	ME	
Inkova	Diana	Orono	ME	
Introne	Alexander	Orono	ME	
Iradukunda	Simplice	Auburn	ME	
Iverson	Erin	Levant	ME	
Jackson	Marcilla	Old Town	ME	
Jacobson	Rebecca	Bangor	ME	
Jacques	Daniel	Durham	ME	
Jacques	Michelle	Sanford	ME	
Jakubow	Nicole	New York	NY	

James	Allison	York	ME
Jandreau	Darin	Madawaska	ME
Jarvis	Jenice	Presque Isle	ME
Jarvis	Kenedy	Presque Isle	ME
Jeffrey	Benjamin	Orrington	ME
Jellison	Patia	Strong	ME
Jenkins	Samuel	Old Orchard Beach	ME
Jenkins	Taylor	Bangor	ME
Jewett	Ian	Fayette	ME
Jewett	Keith	Fayette	ME
Jiang	Hubert	San Francisco	CA
Jimenez	Alexandria	Montville	ME
Johnson	Deidre	Bangor	ME
Johnson	Jacob	Athens	ME
Johnson	Kate	Augusta	ME
Johnson	Kayley	Freeport	ME
Johnson	Morgan	Holden	ME
Johnson	William	East Montpelier	VT
Johnston	Kasey	Lockport	NY
Joliat	Lauren	Brewer	ME
Jones	Christopher	Biddeford	ME
Jones	Eliza	Newcastle	ME
Jones	Elizabeth	Waterville	ME
Jones	Ian	Canton	CT
Jones	Kaitlin	Norwalk	CT
Jones	Kayla	Wallingford	CT
Jones	Tucker	Poland	ME
Jones	William	Falmouth	ME
Jones	William	Portsmouth	NH
Jordan	Anna	Ellsworth	ME
Jordan	Blakelee	Camden	ME
Jordan	Merissa	Lincoln	ME

Josselyn	Christopher	Hope	ME
Joy	Amanda	Smithfield	ME
Joyce	Lindsey	Cushing	ME
Joyner	Matthew	Sudbury	MA
Junkins	Hayley	Berwick	ME
Jurson	Courtney	Hodgdon	ME
Kaiser	Lauren	Winthrop	ME
Kaiser	Rebecca	Biddeford	ME
Kalagias	Katherine	Saco	ME
Kamorski	Laura	Levant	ME
Kandiko	Lindsey	Madison	ME
Kane	Ashley	Saco	ME
Kane	Eliza	Deer Isle	ME
Kaplan	Ariel	South Berwick	ME
Kaplan	Toni	South Berwick	ME
Karam	Noah	Bangor	ME
Karnas	Michael	Brewer	ME
Karno	Rachel	Farmington	ME
Karpa	Jessica	Telford	PA
Karunasiri	Charm	Caribou	ME
Karunasiri	Chaya	Caribou	ME
Kashkooli	Kimia	Glenburn	ME
Kashkooli	Maryam	Bangor	ME
Kaspala	Adam	Surry	ME
Kaur	Shareena	Birmingham	United Kingdom
Kavanah	Grace	Readfield	ME
Kay	Matthew	Skowhegan	ME
Keating	Hannah	York	ME
Keaton	Katherine	Caribou	ME
Keeley	Margaret	Readfield	ME
Kehoe	Kelsey	Wilder	VT
Kelley	Michael	Manchester	ME

Kelley	Spencer	Danbury	CT	
Kelly	Madeline	Dover-Foxcroft	ME	
Kelly	Nellie	Boothbay	ME	
Kendal	Autumn	Orono	ME	
Kennedy	Alexander	Plaistow	NH	
Kennedy	Andrew	Harrington	ME	
Kennedy	Isabelle	Milford	ME	
Kennedy	Michael	Biddeford	ME	
Kenney	Tyler	Bangor	ME	
Kerbs	Caleb	Brooklyn	NY	
Kern	Grant	Cumberland Center	ME	
Kerner	Anastasia	Lancaster	PA	
Kerschensteiner	David	Kennebunk	ME	
Kieffer	Ginger	Caribou	ME	
Kiidli	Taaniel	South Portland	ME	
King	Nicole	Bangor	ME	
King	Samantha	Fairfield	ME	
Kingston	Victoria	Bradford	ON	Canada
Kirby	Allyson	Gray	ME	
Kittridge	Jamie	North Yarmouth	ME	
Kluge-Edwards	Leona	Casco	ME	
Knight	Lucas	Buxton	ME	
Knoll	Verena	Illerkirchberg		Germany
Knott	Kaylin	Skowhegan	ME	
Knowles	Ethan	Brunswick	ME	
Knox	Lindsay	Orland	ME	
Kobrock	Emily	Gardiner	ME	
Koenig	Natalie	Durham	ME	
Koepe	Lauren	Grosse Pointe	MI	
Kohler	Kaitlin	Standish	ME	
Koizar	Sigrid	Vienna		Austria
Kolmar	Philip	Saco	ME	

Koss	Aaron	Montpelier	VT	
Kotosky	Thomas	Westborough	MA	
Kramer	Ira	Veazie	ME	
Krasnow	Samantha	Islesford	ME	
Kritzman	Gregory	Topsham	ME	
Kuniholm	Ian	Portland	ME	
Kurilec McDonald	Genevieve	Stonington	ME	
Kurmin	Andrew	Marshfield	MA	
Kutchmarick	Aleksandr	Gorham	ME	
Kwok	Samantha	Cape Neddick	ME	
L'Abbe	Eve	Laval	QC	Canada
L'Abbe	Joanie	Leval	QC	Canada
L'Heureux	Shane	Springvale	ME	
Labonte	Christian	Lewiston	ME	
LaBrie	Kayla	Winslow	ME	
Lacey	James	Bosham		United Kingdom
Lachapelle	Devin	Norridgewock	ME	
LaClaire	Hannah	Turner	ME	
Lacroix	Cedric	Shefford	QC	Canada
Ladd	Hannah	Somerville	ME	
Ladderbush	Emily	Lynn	MA	
Lafevers	Orie	Hampden	ME	
LaFollette	Maryanne	Orono	ME	
LaGrange	Haley	Bowdoin	ME	
Lajoie	Conner	Yarmouth	ME	
LaJoie	Nicholas	Van Buren	ME	
Lajoie	Noelle	Old Town	ME	
Laliberte	Angeline	Jackson	ME	
Laliberte	Blake	Lewiston	ME	
Lallas	Whitney	Wells	ME	
Lalor	Crockett	Lincolntonville	ME	
LaMarca	John	Kittery	ME	

Lamarche	Nicole	Bradford	ME	
Lamb	Carman	Camden	ME	
Lamb	Trevor	Lowell	MA	
Lamb-Wotton	Lukas	Orono	ME	
Lambert	Jacqueline	Presque Isle	ME	
Lamond	Lucas	Brewer	ME	
Lamontagne	Ciera	Arundel	ME	
Lamson	Andrew	Westbrook	ME	
Lancaster	Joseph	Scarborough	ME	
Landl	Victoria	Lima	NY	
Landry	Cain	Saco	ME	
Landry	Seneca	Kennebunk	ME	
Lane	Craig	York	ME	
Lane	Emily	Rockport	ME	
Lane	Meghan	Rockport	ME	
Lane	Michelle	Sabattus	ME	
Lane	Zachary	Portland	ME	
Lang	Jordan	Litchfield	NH	
Lang	Tyler	Manchester	ME	
Langlais	Jessica	Kennebunk	ME	
Langlais	Priscilla	Cranston	RI	
Langley-Wolf	Alyssa	Surry	ME	
Langlois	Brooklyn	Steinbach	MB	Canada
Langlois	Lucien	New Vineyard	ME	
Langtry	Jillian	Fort Frances	ON	Canada
LaPanne	Cody	East Weymouth	MA	
LaPlante	Rhiannon	Skowhegan	ME	
Laraway	Robert	Orono	ME	
LaRose	Stefan	Cape Elizabeth	ME	
Lataille	Sophia	Hampden	ME	
Latulippe	Bethany	Bangor	ME	
Lavallee	Mark	Dunstable	MA	

Laverriere	Nicholas	Biddeford	ME	
Lavin	James	Waterville	ME	
Lavoie	Lindsey	Madawaska	ME	
Lawrence	Caroline	Newtown	CT	
Lawrence	Troy	Orono	ME	
Le	Hoang Anh	Hanoi		Viet Nam
Le	Tuan	Hanoi		Viet Nam
Leary	Colin	Saco	ME	
Leavitt	Emily	Richmond	ME	
LeBaron	Allyson	Bedford	NH	
Leclair	Joseph	Fairfield	ME	
Leclerc	Stephanie	Camden	ME	
LeConey	Liam	Fryeburg	ME	
Ledford	Joyce	Bangor	ME	
Ledwith	Jordan	Norton	MA	
Lee	Jennifer	Framingham	MA	
Lee	Lauren	Hampden	ME	
Lee	Marjorie	East Waterboro	ME	
Lee	Vanessa	Durham	ME	
LeFave	Sarah	Exeter	NH	
Leida	Chloe	Windham	ME	
Leithiser	Jake	Old Town	ME	
Lelio	Danielle	Lee	NH	
Lenson	Samuel	Natick	MA	
Leonard	Erika	Rocky Hill	CT	
Leonard	Kaitlynn	Rutland	MA	
Leonard	Tori	Kennebunk	ME	
Leopold	Ruth	Wilton	ME	
Lessard	Kathryn	Bedford	NH	
Lessard	Katrina	Corinth	ME	
Lessard	Nicole	Corinth	ME	
Letourneau	Adam	Old Town	ME	

Letourneau	Zebediah	Rochester	NH	China
Levasseur	Eric	Medway	ME	
LeVasseur	James	Stillwater	ME	
Levesque	Jake	Farmingdale	ME	
Li	Zhexin	Gutian		
Libby	Casey	Hollis Center	ME	
Libby	Justin	Brunswick	ME	
Libby	Megan	Clifton	ME	
Libby	Stacey	New Gloucester	ME	
Libby	Teresa	Orono	ME	
Liberman	Kathryn	Sumner	IL	
Liberty	Desarai	Winslow	ME	
Libhart	Dana	Bangor	ME	
Lieu	Darren	Freeport	ME	
Light	Melissa	Malden	MA	
Lilieholm	Jennifer	Hampden	ME	
Lindsay	Benjamin	Scarborough	ME	
Ling	Thomas	Bangor	ME	
Linn	Abigail	Elkhart	IN	
Linnell	Jason	Bangor	ME	
Little	Laya	Snellville	GA	
Littlefield	Briana	Freedom	ME	
Littlefield	Elizabeth	North Berwick	ME	
Lively	Jason	Wilbraham	MA	
Livingston	Amanda	Old Town	ME	
Livingston	Blaine	Old Town	ME	
Livingston	Hannah	Old Town	ME	
Lizotte	Craig	Skowhegan	ME	
Lochala	Abigail	New Sharon	ME	
Lochowski	Andrew	East Haddam	CT	
Locke	Natasha	South Portland	ME	
Locke	Taylor	Oakfield	ME	

Lockman	Seth	Old Town	ME	
Lodge	Susan	Old Town	ME	
Loftin	Lori	Lutz	FL	
Loftis	Genaya	Waterford	CT	
Lonabaugh	Kyle	Woodbury	NJ	
Longfellow	Steven	Farmingdale	ME	
Lopes	Ryan	Waterville	ME	
Loseby	Justin	White River Junction	VT	
Lounder	Samuel	Ellsworth	ME	
Lovejoy	Victoria	Augusta	ME	
Lovely	Tara	Newport	ME	
Lu	Ruyi	Shanghai		China
Lucas	Michael	Auburn	ME	
Lucier	Celena	Winslow	ME	
Lucky	Karen	Holden	ME	
Lucy	Colleen	Verona Island	ME	
Luken	Hannah	West Gardiner	ME	
Luken	Maeve	Lincoln	ME	
Lunn	Nicholas	Houlton	ME	
Luo	Tian	Guangdong Province		China
Lupo	Holly	Smithfield	ME	
Luther	Joseph	South Portland	ME	
Luthin	Ethan	Orono	ME	
Lutick	Zachary	Auburn	ME	
Luttrell	Jessica	South Thomaston	ME	
Luy	Sebastian	Standish	ME	
Lyons	Jared	Medway	ME	
Lyons	Michael	New Gloucester	ME	
Lyons	Sara	Ellsworth	ME	
Lyons-Justus	Brooke	Alameda	CA	
MacAdam	Noah	Orono	ME	
MacDonald	Abigail	Yarmouth	ME	

Mace	Kelby	Readfield	ME	
MacKay	Patrick	Ellsworth	ME	
Mackie-Malcolm	Currenn	Stow	ME	
Mackin-McLaughlin	Julia	Ambler	PA	
Maclean	Michael	Farmington	ME	
MacMillan	Emily	St George	ME	
Macsorley	Kelsey	Stratford	ON	Canada
Maguire	Jacob	Ellsworth	ME	
Mahar	Rachael	Pembroke	ME	
Makela	Amber	Lyndeborough	NH	
Malinowski	Kaitlynn	Pittston	ME	
Mallory	Andrew	Gales Ferry	CT	
Maloy	Maggie	Biddeford	ME	
Manahan	James	Cumberland	ME	
Manley	Hunter	Orono	ME	
Manley	Mary-Margaret	Manchester	ME	
Manson	Kyle	Eddington	ME	
Mantis	Alexis	Orono	ME	
Manzo	Katelyn	Etna	ME	
Marchese	Benjamin	Cumberland Center	ME	
Marean	Emily	Westbrook	ME	
Mariani	Nicholas	Maynard	MA	
Marki	Marcel	Camden	ME	
Markie	Dailyn	Mattawamkeag	ME	
Marks	Jacob	Bright's Grove	ON	Canada
Maroon	Cody	Winslow	ME	
Marquis	Kayla	Orono	ME	
Marrache	Kyle	Waterville	ME	
Marriott	Jacquelyn	Hope Valley	RI	
Marshall	Brittney	Sabattus	ME	
Marshall	Grace	New Dominion	PE	Canada

Marshall	Hallie	Atco	NJ	Nepal
Marshall	Jenna	Bangor	ME	
Martens	Lorin	Freeport	ME	
Martin	Eric	Lyman	ME	
Martin	James	Orono	ME	
Martin	Mikaela	Georgetown	ME	
Martin	Morgan	Bowdoin	ME	
Martin	Paige	Bath	ME	
Martin	Ryan	Salisbury	MA	
Martin	Teiga	Bremen	ME	
Martineau	Adriana	Norridgewock	ME	
Marvin	Abigail	Orrington	ME	
Marzilli	Mikiko	Orono	ME	
Maskay	Aman	Kathmandu		
Mason	Emma	Owls Head	ME	
Mason	Rebecca	Dexter	ME	
Mason	Zachary	Wells	ME	
Masselli	Mackenzi	Portland	ME	
Massey	Katelyn	Waterville	ME	
Massey	Kurt	Orrington	ME	
Masson	Molly	Forestdale	MA	
Masters	Jaclyn	Auburn	ME	
Mathers	Caleb	Presque Isle	ME	
Mathews	Christopher	Bangor	ME	
Mathieson	Heath	Liberty	ME	
Mathieu	Kirsten	Moscow	ME	
Mathis	Nathan	Portland	ME	
Matthews	Amanda	North Yarmouth	ME	
Mattor	Riley	Hollis Center	ME	
Matus	Leah	West Hartford	CT	
Maxwell	Harli	Lincoln	ME	
Mayberry	Colleen	Unity	ME	

Mayer	Emily	Winthrop	ME
Mayhew	Hannah	Oxford	MD
Mazerolle	Stephanie	Coopers Mills	ME
Mazur	Mackenzie	Douglas	MA
Mazzeo	Isaac	Spencer	NY
McArdle	Evelyn	Orono	ME
McAvoy	Stephanie	Rochester	NY
McCarthy	Connor	North Yarmouth	ME
McCarthy	Matthew	Bradford	ME
McCauley	Ashley	Biddeford	ME
McCluskey	Bradley	Hermon	ME
McCollough	Margaret	Hampden	ME
McCullum	Jonathan	Hallowell	ME
McDaniels	Lucas	Skowhegan	ME
McDonald	Alicia	Fryeburg	ME
McDonald	Allison	Falmouth	ME
McEachern	Cecelia	Ellsworth	ME
McEnery	William	Durham	ME
McGinn	Matthew	Arundel	ME
Mcgonagle	Christopher	Portland	ME
McGovern	Sophia	Portland	ME
McGrath	Patrick	Weymouth	MA
McGraw	James	Beverly	MA
McGuire	Jade	South China	ME
McGuirk	Matthew	Biddeford	ME
McKeen	Lindsay	Gray	ME
McKim	Keegan	Trenton	ME
McKinley	Elisha	Bangor	ME
McLaughlin	Marshall	Augusta	ME
McLean	Laura	Finchhampstead	United Kingdom
McMahon	Cameron	Wells	ME
McManus	Nikkiah	Bangor	ME

McNair	Emily	Somersworth	NH	
McNamara	Patrick	Boxford	MA	
McOscar	Thomas	Bangor	ME	
McSwain	Arden	Edgecomb	ME	
McWilliam	Madison	Webster	MA	
Mecray	Ian	Cumberland	ME	
Meehan	John	Winterport	ME	
Meeker	Maude	Naples	ME	
Meeks	Zakiah-Lee	Bangor	ME	
Melanio	Kathleene	Stonington	ME	
Melcher	Eloise	Bowdoin	ME	
Melcher	Jack	Portland	ME	
Melmed	Garvey	Greenbush	ME	
Melochick	Michael	Hampden	ME	
Mercier	Erin	Augusta	ME	
Merriam	Jamie	Harpswell	ME	
Merrill	Scott	Scarborough	ME	
Merrill	Tina	Portland	ME	
Meserve	Kayla	Jay	ME	
Messmer	Brian	Topsham	ME	
Mestieri	Lindsay	Bangor	ME	
Metcalf	Christina	West Baldwin	ME	
Meunier	Patrick	Vassalboro	ME	
Meyer	Jillian	Sayville	NY	
Michaud	Haley	Topsham	ME	
Michaud	Kirk	Madawaska	ME	
Midtskogen	Sunniva	Holmestrand		Norway
Midura	Natalie	Chelmsford	MA	
Mikkelson	Kelsey	Rock Hill	SC	
Miles	Bethany	Saint Albans	ME	
Miley	Angela	Belmont	MA	
Miller	Forrest	Holden	ME	

Miller	Ian	Winterport	ME
Miller	Katherine	Rockwood	ME
Miller	Kera	Rumford	ME
Millett	Robert	Damariscotta	ME
Mills	Emily	Holden	ME
Mills	Heidi	Rockland	ME
Mills	Katie	Millinocket	ME
Minigell	Michael	Norway	ME
Mininni	Anna	Biddeford	ME
Mitchell	Mikayla	Bangor	ME
Mitchell	Scott	Haymarket	VA
Mitchell	Shawn	Minot	ME
Mitman	Ivy	Strong	ME
Mixer	Duncan	Parsonsfield	ME
Mondene	Olivia	Eliot	ME
Mondor	Amber	Biddeford	ME
Moniz	Henry	Auburn	ME
Montante	Peter	Clarence	NY
Moody	Abigail	Houlton	ME
Moody	Amelia	Calais	ME
Moody	Kristen	Bangor	ME
Moon	Molly	Bar Harbor	ME
Mooney	Alexandria	Millinocket	ME
Moore	Joseph	Orono	ME
Moore	Madeleine	Albuquerque	NM
Moore	Megan	Trumbull	CT
Moore	Michayla	North Attleboro	MA
Moore	Nathan	Patten	ME
Moore	Nicole	Newport	ME
Moran	Cory	Old Town	ME
Moran	Haleigh	Sidney	ME
Moran	Lindsey	Orono	ME

Morancy	Hunter	Wilder	VT	Canada
More	Jennifer	Deloraine	MB	
Moreshead	Molly	Holden	ME	
Morgan	Andrew	Old Town	ME	
Morgan	Annie	Orono	ME	
Morgan	Cody	Exeter	ME	
Morgan	Hannah	Gardiner	ME	
Moriarty	Kaitlyn	Old Town	ME	
Moriarty	Kirsty	Orono	ME	
Morin	Edmond	Bangor	ME	
Morin	Erika	Fairfield	ME	
Morin	Hillary	Brunswick	ME	
Morin	Tyler	South Paris	ME	
Morino	Thomas	Palmer	AK	
Morris	Lindsay	Fairfield	ME	Uganda
Morris	Matthew	East Millinocket	ME	
Morris	Sara	Bangor	ME	
Morrison	Gillian	Southwest Harbor	ME	
Morrison	Kyle	North Yarmouth	ME	
Morse	Jacqueline	Bangor	ME	
Moser	Alexander	York	ME	
Mosher	Brianna	Gardiner	ME	
Mosquera-Cardi	Katerina	Pointe-Claire	QC	
Mower	Kirstie	Dexter	ME	
Mukose	John	Kampala		
Mullen	Timothy	Bangor	ME	
Muller	Susan	Orono	ME	
Mullis	Sarah	Corinna	ME	
Munn	Douglas	Greenbush	ME	
Murchison	Samantha	Caribou	ME	
Murphy	Eileen	Weymouth	MA	
Murphy	Jessica	Springvale	ME	

Murphy	Kathleen	Bass Harbor	ME	
Murphy	Matthew	Hermon	ME	
Murray	Amber	Orono	ME	
Murray	Matthew	Milford	ME	
Murtagh	Autumn	Cape Neddick	ME	
Musil	Jack	skidby		United Kingdom
Muttel	Emily	Topsham	ME	
Myer	Ashlie	Windham	ME	
Myers	Jason	Plantsville	CT	
Myhaver	Casey	Gray	ME	
Nadeau	Evan	Brewer	ME	
Naisbitt	Lara	Blue Hill	ME	
Naisbitt	Maya	Blue Hill	ME	
Nappi	Nathan	Eliot	ME	
Nash	Casey	Brewer	ME	
Nashi	Christopher	Saco	ME	
Nault	Joshua	Orono	ME	
Nava	Casey	North Waterboro	ME	
Nazar	Eleanor	Readfield	ME	
Nazar	Madeline	Readfield	ME	
Ndaruhutse	Bienvenu	Orono	ME	
Nelson	Anders	Orono	ME	
Nelson	Benjamin	Hampden	ME	
Nelson	David	Old Town	ME	
Nelson	James	Waterville	ME	
Nelson	Michael	Waterville	ME	
Nesbitt	Andrew	Glenburn	ME	
Netherton	Haley	Fishers	IN	
Neuschwanger	Shelby	Bath	ME	
Newcomb	David	Eatontown	NJ	
Newman	Michael	Ellsworth	ME	
Ngunte	Teumbo	Yadunde		Cameroon

Nguyen	Duc	Ho Chi Minh City		Vietnam
Nguyen	Han	Ho Chi Minh		Vietnam
Nguyen	Trang	Bangor	ME	
Nichols	Aron	Bangor	ME	
Nichols	Jenna	Sanford	ME	
Nicholson	Shannon	Cape Elizabeth	ME	
Nickerson	Brittney	Dedham	ME	
Nickerson	Gabrielle	Holden	ME	
Nickerson	Hannah	Holden	ME	
Nicols	Sarah	Mexico	ME	
Nightingale	Mallory	Ellsworth	ME	
Noel	Holly	Uxbridge	MA	
Nolan	Kyle	Camden	ME	
Noll	Hannah	South Portland	ME	
Norman	Bill	Danderyd		Sweden
Norman	Courtney	Pointe Claire	QC	Canada
Norman	Justin	Sanford	ME	
Norton	Katlin	South Portland	ME	
Norwood	Sanna	Ellsworth	ME	
Nosel	Elise	Glenburn	ME	
Nyzio	Kayla	North Scituate	RI	
O’Beirne	Maeve	Sudbury	MA	
O’Berry	Kaytee	Alton	ME	
O’Connor	Elijah	Bar Harbor	ME	
O’Connor	James	Berwick	ME	
O’Connor	Michael	York	ME	
O’Donnell	Cavan	Brunswick	ME	
O’Donnell	Rebecca	Southwest Harbor	ME	
O’Gorman	Samantha	Natick	MA	
O’Keefe	Tyler	Fryeburg	ME	
O’Malley	Sean	Stoughton	MA	
O’Neil	James	Orono	ME	

O’Neil	Nicole	South Berwick	ME	
O’Neil	Shannon	Milan	NH	
O’Neill	Brendan	Buxton	ME	
O’Shea	Samantha	Kennebunkport	ME	
O’Toole	Kathleen	Kennebunk	ME	
Oakes	Amber	Levant	ME	
Odiorne	Shane	Eliot	ME	
Oettinger	Brittany	Winterport	ME	
Ogden	Katrina	Attleboro	MA	
Ogden	Megan	Bristol	VT	
Ogoke	Ogechi	Tobago		Trinidad and Tobago
Okolocha	Innocent	Bangor	ME	
Oleson	Ashley	Lamoine	ME	
Ollhoff	Stephanie	Niantic	CT	
Olsen	Anna	Pittsfield	ME	
Oren	Christian	Casco	ME	
Orr	Mathew	Rouses Point	NY	
Orrell	Jordan	North Oxford	MA	
Orsini	Seraphina	South Berwick	ME	
Osborne	Jake	Burlington	ON	Canada
Osborne	Julia	Bangor	ME	
Ossanna	Elliot	Bar Harbor	ME	
Ouellette	Cameron	Orono	ME	
Ouellette	Sophie	Frenchville	ME	
Ouellette	Taylor	Turner	ME	
Outman	Susan	Monroe	ME	
Ovington	Alexis	Kittery	ME	
Owens	Nicholas	Gorham	ME	
Ozog	James	Bangor	ME	
Palken	Gregory	Northborough	MA	
Palmer	Madeline	Scarborough	ME	
Palmeter	Zechariah	Orono	ME	

Palsson	Luke	Marshfield	MA	
Pandey	Sujita	Kathmandu		Nepal
Paneral	Carolyn	Berwyn	IL	
Panzino	Karissa	Litchfield	ME	
Papakotsi	Vasiliki	Athens		Greece
Paradee	Rebecca	Gardiner	ME	
Paradis	Daniel	Sidney	ME	
Paradis	Hannah	Minot	ME	
Paradis	Kylie	Lebanon	ME	
Paradis	William	Presque Isle	ME	
Parady	Brigitte	Trenton	ME	
Paredes	Joshua	Bangor	ME	
Parent	John	Hamlin	ME	
Paris	Reid Vincent	Melrose	IA	
Parker	Abby	Orono	ME	
Parker	Keith	Brewer	ME	
Parker	Lauren	Freeport	ME	
Parker	Valerie	Grand Isle	ME	
Parkinson	Samuel	Cumberland Center	ME	
Pasquarella	Margaret	New Milford	CT	
Pasquariello	Vittoria	Mississauga	ON	Canada
Pasquerillo	Elias	Hermon	ME	
Pasquine	Laura	Bangor	ME	
Patnaude	Joshua	Sanford	ME	
Patten	Jalisa	Old Town	ME	
Patterson	Amelia	Wellfleet	MA	
Patterson	Julie	Bangor	ME	
Paul	Christine	Levant	ME	
Paulette	Mark	Bangor	ME	
Pawlicki	Anthony	Buffalo Grove	IL	
Pawlowski	Lynn	Boothbay	ME	
Paylor	Timothy	Waterville	ME	

Payne	Brianna	Lewiston	ME
Peard	Shaunna	York	ME
Pearson	Sabrina	Reading	MA
Pease	Zachary	York	ME
Peavey	Erica	Swanville	ME
Peck	Ray	Brewer	ME
Pedersen	Cory	Whitefield	ME
Pellerin	Morgan	Waterville	ME
Pelletier	Briar	Orono	ME
Pelletier	Kali	Ashland	ME
Pelletier	Roxanne	Fort Kent	ME
Pelletier	Samantha	Orono	ME
Peltier	Jayson	Plymouth	MA
Pendleton	Victoria	Hudson	ME
Peng	Yi	Old Town	ME
Pepin	Taylor	Sanford	ME
Peralta	Gabriela	Woolwich	ME
Perez	Cristina	Milbridge	ME
Perkins	Sarah	Merrimack	NH
Perron	Kaelina	Auburn	ME
Perruzzi	Courtney	South Portland	ME
Perruzzi	Mica	Southwest Harbor	ME
Perry	Daniel	Keller	TX
Perry	Nathan	Eddington	ME
Perry	Sean	Portland	ME
Personeni	Sarah	South Berwick	ME
Peterson	George	Auburn	ME
Peterson	Noah	Reading	MA
Petit	Margaret	Saco	ME
Petry	Alexander	Westbrook	ME
Pettegrow	Patrick	Brewer	ME
Pew	Elek	East Andover	ME

Pflugradt	Elizabeth	New Gloucester	ME
Philbrick	Kelsey	Auburn	ME
Phillips	Steven	Houlton	ME
Philpot	Madeline	Laconia	NH
Phinney	Andrew	Lincoln	ME
Picard	Mariah	Dayton	ME
Picillo	Molly	Newburyport	MA
Pierce	Margaret	Hermon	ME
Pierce	Samuel	Portland	ME
Pike	Kendall	Saco	ME
Pilecki	Dylan	Westfield	MA
Pina	Jason	Monson	ME
Pines	Molly	Woodbridge	CT
Piper	Kathryn	Manchester	MD
Plaisted	Taylor	Hampden	ME
Plourde	Adya	Eliot	ME
Plourde	Matthew	Gardiner	ME
Plourde	Megan	Turner	ME
Plourde	Reanna	Caribou	ME
Plourde	Shayne	Byron	ME
Plummer	Bryanna	Orono	ME
Poirier	Justin	Plainville	MA
Polhemus	Meredith	Orono	ME
Poli	Taylor	Waldoboro	ME
Poliquin	Chandra	Old Town	ME
Pomeroy	Benjamin	Gorham	ME
Pominova	Mariya	Bedford	MA
Porter	Eliza	Cumberland Center	ME
Porter	Gianna	Whiting	ME
Porter	Katelyn	Holden	ME
Postell	Hanna	Mapleton	ME
Potts	Robert	North Yarmouth	ME

Poulin	Gabrielle	Auburn	ME
Poulin	James	Lewiston	ME
Poulin	Krystal	Sabattus	ME
Pouliot	Catherine	South Berwick	ME
Powell	Christopher	Bucksport	ME
Powell	Robert	Unity	ME
Power	Savanna	Norridgewock	ME
Powers	Lauren	Greenwich	CT
Powers	Scott	Verona Island	ME
Praul	Andrea	Sun Prairie	WI
Preble	Lucas	Jay	ME
Preble	Rachel	Safety Harbor	FL
Prescott	Jennifer	South China	ME
Prescott	Morgan	South China	ME
Price	Karlee	Winslow	ME
Price	Timothy	Kennebunk	ME
Proctor	Elizabeth	Newbury	MA
Proctor	James	Wilton	NH
Proctor	Jasmine	Lisbon Falls	ME
Pulver	Jeffrey	Vassalboro	ME
Purgiel	Andrew	South Berwick	ME
Purves	Gabriel	Windham	ME
Pyke	Christopher	Sandwich	MA
Quigley	Olivia	Stockton Springs	ME
Quimby	Lucas	Albion	ME
Quirion	Lindsey	Hallowell	ME
Raffalli	Jordan	North Andover	MA
Raftice	Kayla	Cape Elizabeth	ME
Raines	Wesley	Kittery	ME
Rainey	Zoe	Manchester	NH
Ralphs	Samantha	Lebanon	IL
Rampe	Jeffrey	Orono	ME

Ramsdell	Gillian	Wells	ME
Randall	Sean	Portland	ME
Ranger	Rachel	Hampden	ME
Raphael	Nicole	Boxford	MA
Rashed	Nadia	Wells	ME
Rashed	Sarah	Wells	ME
Raugh	Ian	Laurel	MD
Ray	Ethan	Fryeburg	ME
Raybine	Charles	Scarborough	ME
Raymond	Garrett	Gorham	ME
Reddington	John	Milton	MA
Redfern	Ian	Ipswich	MA
Redmond	Jillian	Skowhegan	ME
Reese	Abigail	Wells	ME
Regis	Jason	Old Orchard Beach	ME
Reichel	Kent	Hampden	ME
Reichel	Kristina	Hampden	ME
Reinhardt	Amelia	Tenants Harbor	ME
Reno	Caroline	Brunswick	ME
Reno	Emma	Brunswick	ME
Revello	Katherine	Portsmouth	RI
Reynolds	Catherine	Dunstable	MA
Reynolds	Christine	Portland	ME
Reynolds	Samuel	Ellsworth	ME
Rhea	William	Yarmouth	ME
Rice	Lauren	Harpswell	ME
Richard	Anna	Wareham	MA
Richard	Matthew	Bradley	ME
Richards	Audra	Saint Paul	MN
Richardson	Jasmine	Newburgh	ME
Richford	Emma	Old Town	ME
Richmond	Nicholas	Orono	ME

Richmond	Paul-Jacob	Randolph	ME	Canada
Rickards	Andrea	Bangor	ME	
Ridge	Ethan	Gray	ME	
Ridley	Kendra	Ottawa	ON	
Riendeau	Chelsey	Newcastle	ME	
Ring	Marie	Topsham	ME	
Ripley	Shawn	Greenbush	ME	
Ritchie	Max	Buxton	ME	
Ritland	Anna	Dexter	ME	
Rizzini	Alexander	Bristol	RI	
Roach	Alec	Danvers	MA	
Roach	Julie	Old Town	ME	
Roach	Taylor	Cumberland Center	ME	
Robbins	Lindsey	Trenton	ME	
Robbins	Mallory	Waldoboro	ME	
Robe	James	Waterville	ME	
Roberts	Christianna	Saco	ME	
Roberts	Lance	Orono	ME	
Roberts	Marissa	Gorham	ME	
Roberts	Miranda	Hermon	ME	
Robinson	Ashley	Bangor	ME	
Robinson	Dylan	Brunswick	ME	
Robinson	Matthew	Kittery	ME	
Robinson	Morgan	Levant	ME	
Robitaille	Melanie	Jay	ME	
Robles	Leigh	Littleton	CO	
Rocha	Timothy	Kensington	NH	
Rochester	Ariel	Kittery	ME	
Rock	Samuel	Peru	ME	
Roderick	Alexandra	Brunswick	ME	
Roderick	Christopher	Mechanic Falls	ME	
Roderka	Meredith	Dexter	ME	

Rodrigue	Chelsea	Sanford	ME
Rodrigue	Taylor	Manchester	CT
Rogers	Jeffrey	Bangor	ME
Rogers	Sara	Topsham	ME
Rogers	Timothy	Kittery	ME
Rogers	Zachary	Hermon	ME
Roland	Elin	Portland	ME
Rolfe	Taylor	Fairfield	ME
Romeo	Sean	Cary	NC
Ronan	Katelynn	Glenburn	ME
Ronan	Taylor	Glenburn	ME
Roney	Ethan	Freeport	ME
Roscoe	Nathan	Falmouth	ME
Rose	Amanda	Milford	ME
Rosebeary	Kelsey	Poulsbo	WA
Ross	Claire	Auburn	ME
Ross	Margaret	Hampden	ME
Rossi	Benjamin	Hermon	ME
Rossignol	Parise	Van Buren	ME
Rossow	Avery	Greenwood	ME
Rounds	Megan	Arundel	ME
Rovito	Elizabeth	Bangor	ME
Rowe	Jamie	Scarborough	ME
Rowley	Amber	Howland	ME
Rowley	Christopher	Porter	ME
Roy	Brianna	Freeport	ME
Roy	Charles	Glenburn	ME
Roy	Dayna	North Andover	MA
Roy	Jaime	Orrington	ME
Roy	Kaitlyn	Lewiston	ME
Roy	Taylor	Holden	ME
Rublee	Marissa	Glenburn	ME

Ruffin	Madeline	Milo	ME	
Ruhlin	Hannah	Orrington	ME	
Rumsey	Mathew	Waterville	ME	
Russell	Sadie	Pownal	ME	
Russell	Travis	Orono	ME	
Ruthven	Olivia	Smithfield	RI	
Rutt	Jacob	Scarborough	ME	
Ryan	Carolyn	Melrose	MA	
Ryan	Eileen	Trabuco Canyon	CA	
Ryan	Erik	Ludlow	ME	
Ryan	Evelyn	Buckinghamshire		United Kingdom
Rybka	Ryan	North Yarmouth	ME	
Sabol	Victoria	Falmouth	ME	
Sacco	Laurel	Lebanon	ME	
Salamone	Thomas	South Portland	ME	
Salcedo	Jonathan	Providence	RI	
Salzberg	Benjamin	Milford	ME	
Sample	Keith	Windham	ME	
Sampson	Evan	Portland	ME	
Santariello	Andrea	Tolland	CT	
Santomango	Sierra	Greene	ME	
Sargent	Ashlee	Holden	ME	
Sargent	Emily	Camden	ME	
Sarol	Amanda	Greenville	ME	
Saucier	Samantha	Saco	ME	
Sauer	Madison	Norwich	CT	
Savage	Sierra	Winslow	ME	
Savoie	Tyler	Greenville	NH	
Scaggs	Chapin	Fort Kent	ME	
Scala	Rachel	Windham	ME	
Scanlan	Mary	Pembroke	MA	
Schaff	Benjamin	Oakland	ME	

Schanck	Andrew	Pittsfield	ME	United Kingdom
Schanck	Morgan	Orono	ME	
Schappert	Joshua	Yaxley		
Schneider	Adeline	Bowdoinham	ME	
Schneider	Kathryn	Ogunquit	ME	
Schneider	Kayla	East Waterboro	ME	
Schultz	Dayna	Norway	ME	
Scott	Grace	Abingdon	VA	
Scott	Jessica	Winthrop	ME	
Scott	Ryan	Belgrade	ME	
Scully	Allison	Waterville	ME	
Searchfield	Rachael	Ellsworth	ME	
Searles	Jacob	Old Town	ME	
Sears	Stephanie	Bristol	CT	
Sedler	Erica	South Berwick	ME	
Seekins	Brittany	Pittsfield	ME	
Seeley	Kassidy	Jonesboro	ME	
Seeley	Taylor	Jonesboro	ME	
Seigars	Camerin	Gardiner	ME	
Selengbe	Viany	Lewiston	ME	
Selima	Michael	Andover	MA	
Sell	Julia	Cushing	ME	
Seneres	Jenn	Saco	ME	
Seneres	Kent	Saco	ME	
Seney	Sydney	Egg Harbor City	NJ	
Sepanek	Robert	Vienna	ME	
Serard	Joshua	Bow	NH	
Serbent	Todd	Waterville	ME	
Sergio	Michael	Medway	MA	
Settle	Beverly	Searsmont	ME	
Severson	Kristi	Waldoboro	ME	
Seymour	Jason	Bangor	ME	

Shackett	Sydney	Sidney	ME	
Shaheen	Baron	Harborside	ME	
Shalkowski	Casey	Saunderstown	RI	
Shannon	Emily	Brewer	ME	
Shaughnessy	Brian	Colonia	NJ	
Shaw	Benjamin	Falmouth	ME	
Shaw	Connor	Presque Isle	ME	
Shaw	Emily	Turner	ME	
Shaw	Faith	Lewiston	ME	
Shea	Austyn	Concord	NH	
Shea	Ian	Brownfield	ME	
Shea	Michael	Biddeford	ME	
Sheehan	Bailey	Yarmouth	ME	
Sheffert	Cole	Essex Junction	VT	
Sheltra	Matthew	Hyde Park	VT	
Shen	Chulong	Dalian		China
Shen	Yibo	Shanghai		China
Shepherd	Bradley	Farmingdale	ME	
Shepherd	Samuel	Hallowell	ME	
Sheridan	Brooke	Levant	ME	
Sherwin	Samuel	Bangor	ME	
Shortt	Terry	Bangor	ME	
Shrestha	Riju	Kathmandu		Nepal
Shuman	Amanda	Cicero	NY	
Shuman	Megan	Bangor	ME	
Sicotte	Jacob	Lewiston	ME	
Siladi	Skye	Montville	ME	
Sillsby	Alexandria	Kittery Point	ME	
Silva	Ashley	Boston	MA	
Silver	Andrew	Westbrook	ME	
Silver	Ilana	Bangor	ME	
Silver	Maya	Bangor	ME	

Silver	Nicholas	Wade	ME	
Simard	Adam	Shelburne	NH	
Simmons	Brittany	Glenburn	ME	
Simonsen	Jeremiah	Orono	ME	
Simpson	Hannah	Enfield, London		United Kingdom
Sinderson	Matthew	Minnetonka	MN	
Singer	Amy	Old Town	ME	
Sirois	Emilee	Caribou	ME	
Sirois	Hannah	Kennebunk	ME	
Sirois	Rachel	Winslow	ME	
Sirois	Stephanie	Minot	ME	
Skillern	Ryan	Naples	ME	
Skovran	Sarah	Camden	ME	
Slagger	Ashara	Bangor	ME	
Small	Jessica	Winterport	ME	
Small	Paige	Caribou	ME	
Small	Victoria	Gorham	ME	
Smart	Connor	Lincoln	ME	
Smart	Denise	Howland	ME	
Smith	Anneliese	Bethel	ME	
Smith	Benjamin	Old Town	ME	
Smith	Benjamin	South Portland	ME	
Smith	Brendan	Hudson	NH	
Smith	Erin	Bangor	ME	
Smith	Grayson	Brunswick	ME	
Smith	Jordan	Gouldsboro	ME	
Smith	Justin	Orrington	ME	
Smith	Kaitlyn	Jay	ME	
Smith	Kaleb	West Gardiner	ME	
Smith	Kathryn	Readfield	ME	
Smith	Megan	Bucksport	ME	
Smith	Megan	Falmouth	ME	

Smith	Melissa	Orrington	ME
Smith	Miles	Clinton	ME
Smith	Nicolette	Lincoln	ME
Smith	Reagan	Holden	ME
Smith	Ryan	Belmont	MA
Snedeker	Brianna	Richmond	ME
Soden	Megan	Sangerville	ME
Sone	Bronte	Orono	ME
Soohey	Robert	Whitefield	ME
Soohey	Stephen	Whitefield	ME
Southworth	Kailey	Pawtucket	RI
Spalding	James	Milford	NH
Speed	Brianna	Corinth	ME
Speed	Heather	Corinth	ME
Spera	Jamie	Manville	NJ
Spieldenner	Theresa	Dixmont	ME
Spitzfaden	Anna	Bradley	ME
Sprague	India	Falmouth	ME
Spruce	James	Orono	ME
St Jean	Jocelyn	Stillwater	ME
St John	Ashley	Raymond	NH
St Laurent	Mikaela	Lewiston	ME
St Louis	Cody	Milford	ME
St Peter	Christopher	Glenburn	ME
St Peter	Jacob	Old Town	ME
St Pierre	Bailey	Caswell	ME
St Pierre	Emily	Caswell	ME
St-Pierre	Danielle	Essex Junction	VT
Stack	Lindsay	Saco	ME
Stahl	Nicholas	Bangor	ME
Stanley	Jennifer	Sidney	ME
Stanley	Sarah	Southwest Harbor	ME

Stanton	Rebecca	Plymouth	MA
Staples	Viktoria	Brooklin	ME
Stasz	Lauren	Fall River	MA
Stauble	Samuel	Harrison	ME
Stephens	Jacob	Saco	ME
Stern	Marshelle	Bangor	ME
Stevenson	Doretta	Bangor	ME
Steward	Andrea	Orono	ME
Stewart	Harold	Presque Isle	ME
Stewart	Matthew	Hooksett	NH
Stiles	Hattie	Eliot	ME
Stinson	Katrina	Bangor	ME
Stockford	Griffin	Bowdoinham	ME
Stohlberg	Anthony	Center Barnstead	NH
Stolo	Jacqueline	Alfred	ME
Stone	Jessica	Gilmanton Iron Works	NH
Streker	Amber	Bethesda	MD
Striar	Samuel	Delmar	NY
Strusz	Amanda	Morrill	ME
Stuart	Shannon	Standish	ME
Studwell	Evan	Brunswick	ME
Stutzman	Jacob	Harmony	ME
Suckow	Alexandra	Brunswick	ME
Sukeforth	Sarah	Falmouth	ME
Sullivan	Fawn	Hermon	ME
Sullivan	Garret	Perry	ME
Sullivan	John	Scarborough	ME
Sullivan	Matthew	North Andover	MA
Sulloway	Clark	Bridgton	ME
Sulloway	Wesley	Bridgton	ME
Supp	Michael	Perkasie	PA

Sutryn	Maria	Wells	ME
Sutter	Mackenzie	Holden	MA
Swavely	Steven	Reading	PA
Swengel	Trent	Leeds	ME
Swimm	Olivia	Fayette	ME
Sylvester	Haley	Greenwich	CT
Sylvester	Shaun	Old Town	ME
Ta	Henry	Saco	ME
Tacka	Tess	Portland	ME
Takahashi	Shotaro	Bangor	ME
Talbot	Matthew	East Machias	ME
Tandy	Marisa	Brewer	ME
Tanguay	Jonathan	Flanders	NJ
Tannoia	Dominic	South Portland	ME
Taplin	Eliza	North Yarmouth	ME
Taplin	Matthew	Gray	ME
Tardif	Kyle	Madawaska	ME
Tata	Lauren	Bangor	ME
Tatakis	Lindsey	Skowhegan	ME
Taylor	Brian	Falmouth	ME
Taylor	Lucas	South Berwick	ME
Teeters	Drake	Stamford	CT
Tengeres	Jill	Millerstown	PA
Terwilliger	David	Cape Elizabeth	ME
Theriault	Kathryn	Hampstead	NH
Theriault	Monique	Howland	ME
Theriault	Noelle	Hampstead	NH
Therrien	Kelsey	Weare	NH
Thibault	Ethan	Colchester	VT
Thibault	Jaymi	Lisbon	ME
Thibodeau	Elsa	Stockholm	ME

Thiele	Kurt	Hallowell	ME
Thoman	Todd	Spring Grove	PA
Thomas	Brent	Dover Foxcroft	ME
Thomas	Faith	Orrington	ME
Thomas	Holly	Kingfield	ME
Thomas	Shannon	Newton	NJ
Thompson	Allison	Bangor	ME
Thompson	Kristin	Medway	ME
Thompson	Melissa	Old Town	ME
Thomson	Tamara	Waite	ME
Thorne	Haley	Steep Falls	ME
Threeton	Kendra	South Berwick	ME
Thurlow	Amanda	Howland	ME
Tibbetts	Mackenzie	Bar Harbor	ME
Tidd	Morgan	Eddington	ME
Tiemann	Rosa	Ellsworth	ME
Tirabassi	Katherine	Lewiston	ME
Todd	Matthew	Shrewsbury	MA
Tomeczyk	Nathan	Norway	ME
Topel	Avery	Windham	ME
Toppin	Haley	Columbia Falls	ME
Torres	Rachael	Houlton	ME
Torrey	Brandon	Columbia	ME
Torrey	Meredith	Blue Hill	ME
Torsch	Jonathan	Orono	ME
Toth	Emma	Sandown	NH
Toto	Sarah	Vassalboro	ME
Towle	Brittany	Glenburn	ME
Townsend	Kaitlyn	Livermore	ME
Tracy	Samantha	Farmington	ME
Tran	Jordan	Biddeford	ME

Tranchemontagne Abby	Acton	ME	
Trask	Sydney	Easton	ME
Travers	Amanda	Newport	ME
Travis	Emily	Orrington	ME
Traxler	Spencer	Newburyport	MA
Treacy	Meghann	Brooklyn	NY
Treadwell	Sarah	Carmel	ME
Tremblay	Ethan	Bangor	ME
Triandafillou	Laura	Orono	ME
Triebwasser	Ginger	Shelton	CT
Triglione	Michael	Bridgton	ME
Trueblood	Dylan	Durham	NH
Trundy	Ross	Addison	ME
Trussell	Zoie	Old Town	ME
Trzilova	Dominika	Usti nad Labem	Czech Republic
Tucker	Arthur	Kittery Point	ME
Tufts	Trevor	Jay	ME
Turcotte	Joseph	Wales	ME
Turcotte	Samantha	Cornville	ME
Turcotte	Tyler	Wales	ME
Turnbull	Brittney	Oxford	ME
Turner	April	Freedom	ME
Turner	Danielle	Portland	ME
Turner	Holden	Easton	ME
Turner	Nicholas	Brewer	ME
Turner	Ronald	Lewiston	ME
Tuttle	Jill	South Portland	ME
Twombly	Phillip	Lyman	ME
Tynes	Emily	New Gloucester	ME
Tyrrell	Taylor	Sabattus	ME
Tytula	Sabrina	West Brookfield	MA

Urquhart	Alyssa	Alna	ME	
Uteuova	Aliya	Astana		Kazakhstan
Vachon	Isabelle	Ellsworth	ME	
Vachon	Rosehannah	Ellsworth	ME	
Vafiades	Kristen	Corinth	ME	
Vaidya	Nipun	Kathmandu		Nepal
Valente	Alicia	New Gloucester	ME	
Valentino	Steven	Wells	ME	
Vallance	Kathleen	Brewer	ME	
Valley	Michala	Bangor	ME	
Vallotton	Jessica	Glenboro	MB	Canada
Van Goffrier	Graham	Norwell	MA	
Vandez	Steven	Old Town	ME	
Varin-Tremblay	Camille	Saint Huber	QC	Canada
Vaudreuil	Haley	Naples	ME	
Vear	Aysha	Winslow	ME	
Veilleux	Shaun	Oakland	ME	
Veitch	Eric	Guilford	CT	
Velez	Andres	Old Town	ME	
Veljacic	Sydney	Orono	ME	
Ventrella	Kathryn	Jay	ME	
Ventura	Katrina	Falmouth	ME	
Vertullo	Louis	Medway	MA	
Verville	Shane	Pownal	ME	
Verzoni	Anthony	Scarborough	ME	
Vetter	Andrew	Patten	ME	
Vezza	Julianna	Madison	NJ	
Vhay	Megan	Medway	MA	
Vickers	Jonathan	South Portland	ME	
Vicnaire	Abigail	Dedham	ME	
Vigue	Derek	Augusta	ME	

Vigue	Jeffrey	Whitefield	ME	
Viola	Joseph	Scarborough	ME	
Violette	Leanne	Bangor	ME	
Viselli	Anthony	Bangor	ME	
Vittori	David	South Berwick	ME	
Von Itter	Faith	Belfast	ME	
Waddell	Evan	Presque Isle	ME	
Wade	Jessica	Hermon	ME	
Wahle	Ryan	Round Pond	ME	
Waible	Stephen	Nashua	NH	
Waite	Sierra	Wytovitlock	ME	
Wakeland	Linley	Dedham	ME	
Walczak	Danielle	Lee	NH	
Walden	Benjamin	Reading	MA	
Walker	Dean	Caribou	ME	
Walker	Jahzmin	Methuen	MA	
Walker	Peter	Wilton	CT	
Walker	Ryan	Portland	ME	
Wall	Benjamin	Dedham	ME	
Wallace	Maggie	Waldoboro	ME	
Wallace	Sophie	Auburn	ME	
Wallace	Tamra	Thomaston	ME	
Wallingford	Axl	Orono	ME	
Walsh	Allan	Oakland	ME	
Walsh	Tyler	Saco	ME	
Walton	Benjamin	Ellsworth	ME	
Walton	Isaac	Glenburn	ME	
Wan	Teng	Ningho		China
Wanning	Lucy	Blue Hill	ME	
Ward	Austin	Lovell	ME	
Ward	Bethany	Charleston	ME	

Warmuth	Spencer	Brewer	ME	
Warner	Sarah	Winthrop	ME	
Warnock	Bethany	Brattleboro	VT	
Warr	Gareth	Stonington	ME	
Washburn	Lee	Orrington	ME	
Waterman	Madison	Eliot	ME	
Waterman	Timothy	Biddeford	ME	
Watson	Olivia	Topsham	ME	
Watson	Valerie	Randolph	MA	
Watson-Fontaine	Kyah	Morrill	ME	
Webb	Ellie	Hampden	ME	
Webber	Alexandra	Yarmouth	ME	
Webster	Rachael	Gorham	ME	
Weed	Megan	Deer Isle	ME	
Weigel	Sarah	Falmouth	ME	
Weiner	Adam	Bangor	ME	
Weismeyer	Travis	Biddeford	ME	
Weiss	Elizabeth	Winslow	ME	
Welch	Sarah	Center Lovell	ME	
Wells	Ladoiya	Old Town	ME	
Wells	Peter	Old Town	ME	
Wells	Timothy	Bremen	ME	
Wentworth	Alexandra	Scarborough	ME	
Wessels	Abigail	Morrill	ME	
West	Bronwyn	Liberty	ME	
West	Michael	Portland	ME	
West	William	Milbridge	ME	
Westbrook	Molly	Ithaca	NY	
Westra	Peter	New Gloucester	ME	
Wezel	Benedict	Berlin		Germany
Wheatley	Gema	Orono	ME	

White	Carla	Waldoboro	ME
White	Franki	Houlton	ME
White	John	Bucksport	ME
White	Lawryn	Fairfield	ME
White	Lindsey	Exeter	NH
White	Michael	Bucksport	ME
White	Molly	Brookton	ME
White	Nicole	Oakfield	ME
White	Rebecca	Orono	ME
White	Tyler	Brewer	ME
White	Zachary	York	ME
Whitney	Scott	Fort Kent	ME
Wight	Katherine	South China	ME
Wight	Kelly	Bucksport	ME
Wight	Sadie	Bucksport	ME
Wilbur	Galen	Barrington	RI
Wilder	Brianna	Rock Falls	IL
Wilkinson	Emma	Windsor	ME
Williams	Blaine	Holden	ME
Williams	Casey	Topsham	ME
Williams	Cynthia	Nashville	NC
Williams	Darci	Hampden	ME
Williams	Delaney	Caribou	ME
Williams	Haley	Orrington	ME
Williams	Haley	Windham	ME
Wilson	Andrew	Sidney	ME
Wilson	Annabelle	Orono	ME
Wilson	Colby	North Monmouth	ME
Wilson	Jordan	Hodgdon	ME
Wilson	Kelly	Westbrook	ME
Wilson	Kelsey	Peru	ME

Wilson	Kimberly	Hampden	ME	
Wirth	Alexandra	Portland	ME	
Wittman	Rebecca	Old Orchard Beach	ME	
Wojtkowski Barbeau	Leila	Nottingham	NH	
Wolland	Dani	Perham	ME	
Wong	Lisa	Gorham	ME	
Wong	Sze wing	Kowloon		Hong Kong
Wood	Elizabeth	Catlett	VA	
Wood	Matthew	North Berwick	ME	
Wood	Stephanie	Florence	NJ	
Woodard	Rebecca	Gardiner	ME	
Woodbury	Jordanne	Orono	ME	
Woodford	Delaney	Minot	ME	
Woods	Megan	Hardwick	NJ	
Woods	Michael	Farmingdale	ME	
Woodward	Brianna	South Portland	ME	
Woodward	Hannah	Corea	ME	
Woolfolk	Elizabeth	Mount Desert	ME	
Word	Leah	Bangor	ME	
Wortman	Tristan	Holden	ME	
Wright	Emily	Mapleton	ME	
Wright	Geena	Pembroke	MA	
Wu	Yuying	Wenzhou City		China
Wypyski	Kate	Bangor	ME	
Xie	Jingwen	Bangor	ME	
Yarumian	Mary	Bar Harbor	ME	
Yattaw	Sebastian	Owls Head	ME	
Yoder	Jordan	Bar Harbor	ME	
Yori	William	Brooks	ME	
Young	Alexis	South Berwick	ME	
Young	Benjamin	Thomaston	ME	

Young	Meaghan	Bar Harbor	ME
Zambrano	Sadie	Atkinson	ME
Zoroya	Zachary	Milford	ME
Zvelebilova	Josephine	Lovell	ME
Zwirner	Colin	Windham	ME

Spring 2015 Dean's List by Maine Counties

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Androscoggin County

Auburn: Abby Bellefleur, Lauren Bennett, Ashley Brackett, Taylor Brackett, Ryan Chamberland, Phoebe Chamberlin, Hannah Delong, Joshua Delong, Marie Dufresne-Dixon, Hailey Girardin, Emily Hamel, Mikael Heikkinen, Kennedy Hubbard, Simplicie Iradukunda, Michael Lucas, Zachary Lutick, Jaclyn Masters, Henry Moniz, Kaelina Perron, George Peterson, Kelsey Philbrick, Gabriel Poulin, Claire Ross, Sophie Wallace **Durham:** Shane Cloutier, Daniel Jacques, Natalie Koenig, Vanessa Lee, William McEnery **Greene:** Brandon Clark, Kristen DiBello, Dakota Duncan, Sarah Gosselin, Tayelor Gosselin, Callie Greco, Sierra Santomango **Leeds:** Trent Swengel **Lewiston:** Ashley Blauvelt, Perry Chan, Jessica Cote, James Dumas, Jared Dumas, Christian Labonte, Blake Laliberte, Brianna Payne, James Poulin, Kaitlyn Roy, Viany Selengbe, Faith Shaw, Jacob Sicotte, Mikaela St. Laurent, Katherine Tirabassi, Ronald Turner **Lisbon:** Aaron French, Jaymi Thibault **Lisbon Falls:** Dillon Clifford, Justin Grant, Jasmine Proctor **Livermore:** Adrienne Alley, Caleb Berry, Thomas Bizier, Ben Greenwood, Katelyn Townsend **Mechanic Falls:** Christopher Roderick **Minot:** Shawn Mitchell, Hanna Paradis, Stephanie Sirois, Delaney Woodford **Poland:** Abbie Gray, Tucker Jones **Sabattus:** Zachary Fisher, James Gayton, Kayla Gayton, Michelle Lane, Brittney Marshall, Krystal Poulin, Taylor Tyrrell **Turner:** Justin Bean, Brianna DeGone, Zachary Goulette, Carter Hathaway, David Hersom, Britni Hutchinson, Hannah LaClaire, Taylor Ouellette, Megan Plourde, Emily Shaw **Wales:** Ian Bouffard, Brian Bradstreet, Joseph Turcotte, Tyler Turcotte

Aroostook County

Ashland: Kali Pelletier **Benedicta:** Casey Fichter **Caribou:** Devin Ballard, Annie Collins, Kayla Cormier, Jerry Ferszt, Haley Hunter, Charm Karunasiri, Chaya Karunasiri, Katherine Keaton, Ginger Kieffer, Samantha Murchison, Reanna Plourde, Emilee Sirois, Paige Small, Dean Walker, Delaney Williams **Caswell:** Bailey St. Pierre, Emily St. Pierre **Chapman:** Clarissa Buck **Crystal:** Mataya Hartin, Shelby Hartin **Eagle Lake:** Samuel Albert **Easton:** Sydney Beckwith, Sydney Trask, Holden Turner **Fort Fairfield:** Sarah Holbrook **Fort Kent:** Lauren Doak, Roxanne Pelletier, Chapin Scaggs, Scott Whitney **Frenchville:** Sophie Ouellette **Grand Isle:** Valerie Parker **Hamlin:** John Parent **Hodgdon:** Gregory Griffin, Karissa Harris, Courtney Jurson, Jordan Wilson **Houlton:** Cordell Beaton, Brittany Fogarty, Marcy Hernandez, Nicholas Lunn, Abigail Moody, Steven Phillips, Rachael Torres, Franki White **Littleton:** Ashley

Hannigan **Ludlow**: Lauren Howell, Erik Ryan **Madawaska**: Ryan Boucher, Victoria Gagnon, Darin Jandreau, Lindsey Lavoie, Kirk Michaud, Kyle Tardif **Mapleton**: Caleb Buck, Hannah Guerrette, Hanna Postell, Emily Wright **Merrill**: Morgan Gustin, Vance Gustin **Monticello**: Madeline Good **New Limerick**: Taylor Carpenter **New Sweden**: Kelsie Espling **Oakfield**: Taylor Locke, Nicole White **Perham**: Dani Wolland **Presque Isle**: Hayden Dow, Brittany Good, Joshua Gordon, Stephen Goulet, Kyle Goupille, Jenice Jarvis, Kenedy Jarvis, Jacqueline Lambert, Caleb Mathers, William Paradis, Connor Shaw, Harold Stewart, Evan Waddell **Saint David**: Jacob Gendreau **Smyrna Mills**: Ryan Cole **Stockholm**: Elsa Thibodeau **Van Buren**: Nicholas LaJoie, Parise Rossignol **Wade**: Nicholas Silver **Washburn**: Cameron Huston **Wytopitlock**: Sierra Waite

Cumberland County

Bridgeton: Clark Sulloway, Wesley Sulloway, Michael Triglione **Brunswick**: Sarah Basquez, Blake Bodwell, Matthew Burnette, Lucy Comaskey, Matthew Day, Joseph Durkin, Erin Eldridge, Rosaleen Erwin, Nicole Favreau, Sara Freshley, Ethan Knowles, Justin Libby, Hillary Morin, Cavan O'Donnell, Caroline Reno, Emma Reno, Dylan Robinson, Alexandra Roderick, Grayson Smith, Evan Studwell, Alexandra Suckow **Cape Elizabeth**: Anthony Castro, Tori Downer, Dylan Egeland, Elise Galgano, Kia Hewins, Stefan LaRose, Shannon Nicholson, Kayla Raftice, David Terwilliger **Casco**: Leona Kluge-Edwards, Christian Oren **Cumberland**: Laura DeVaudreuil, James Manahan, Ian Mecray **Cumberland Center**: Matthew Blanchard, Allison Farr, Chelsea Hickey, Grant Kern, Benjamin Marchese, Samuel Parkinson, Eliza Porter, Taylor Roach **Falmouth**: Samuel Favreau, Stephanie Gramse, Sarah Grondin, William Jones, Allison McDonald, Nathan Roscoe, Victoria Sabol, Benjamin Shaw, Megan Smith, India Sprague, Sarah Sukeforth, Brian Taylor, Katrina Ventura, Sarah Weigel **Freeport**: Brandon Cigri, Amanda Curtis, Brady Davis, Dillion Hindley, Zachery Hindley, Rachel Hollen, Kayley Johnson, Darren Lieu, Lorin Martens, Lauren Parker, Ethan Roney, Brianna Roy **Gorham**: Stephen Achorn, Ian Barber, Abegayle Brown, Adam Bucknell, Matthew Buotte, Ashley Crane, Mason Crocker, William Eldridge, Aleksandr Kutchmarick, Nicholas Owens, Benjamin Pomeroy, Garrett Raymond, Marissa Roberts, Victoria Small, Rachael Webster, Lisa Wong **Gray**: Alan Bennett, Patrick Dumas, Grace Ferguson, Ae Leah Granger, Allyson Kirby, Lindsay McKeen, Casey Myhaver, Ethan Ridge, Matthew Taplin **Harpwell**: William Hayes, Jamie Merriam, Lauren Rice, Jordanne Woodbury **Harrison**: Samuel Stauble **Naples**: Kathryn Caulfield, Taylor Cronin, Savannah DeVoe, Maude Meeker, Ryan Skillern, Haley Vaudreuil **New Gloucester**: Jaime Boulos, Drew Densmore, Stacey Libby, Michael Lyons, Elizabeth Pflugrad, Emily Tynes, Alicia Valente, Peter Westra **North Yarmouth**: Thomas Antz, Shane Arnold, Lindsey Burton, Mimi Edmondson, Molly Fitzpatrick, Shannon Fitzpatrick, Michele Girard, Devanne Goodine, Jamie Kittridge, Amanda Matthews, Connor McCarthy, Kyle Morrison, Robert Potts, Ryan Rybka, Eliza Taplin **Peaks Island**: Hugh Carroll **Portland**: Eleni Anderson, Jacquelyn Archambault, Samuel Balzano, Cleo Barker, Eleanor Burnham, Hannah Chambers, Rachel Chaney, Benjamin Chapman, Bryce Coffin, Michael Dandy, Steven Doman, Sean Foley, Sierra Gridley, Jacob Hatch, Gene Herrschaft, Jamie Hunt, Ian Kuniholm, Zachary Lane, Mackenzi Masselli, Nathan Mathis, Christopher McGonagle, Sophia McGovern, Jack Melcher, Tina Merrill, Sean Perry, Samuel Pierce, Sean Randall, Christine Reynolds, Elin Roland, Evan Sampson, Tess Tacka, Danielle Turner, Ryan Walker, Michael West, Alexandra Wirth **Pownal**: Kelly Edwards, Sadie Russell, Shane Verville **Raymond**: Lucy Algeo **Scarborough**: Lauren Aceto, Samuel Cekada, Jenna Conley, Isabella DiPhilippo, LaRae Discatio, Samantha Donahue-Ramsey, Daniel Frank, Connor Gervais, Christopher Gilbert, Christian Harvie, Sarah Hoops, Joseph Lancaster, Benjamin Lindsay, Scott Merrill, Madeline Palmer, Charles Raybine, Jamie Rowe, Jacob Rutt, John Sullivan, Anthony Verzoni, Joseph Viola, Alexandra Wentworth **Sebago**: Kathryn Cutting, Heather Hall **South Portland**: Darryl Abbott, Chelsea Chiamulera, Brandyn Chretien, Eleanor Crawford, Katie Dooling, Kelly Dooling, Sean Duong, Caleb Elsemore, Jennifer Fletcher, Casey Fournier, Alicia Harvey, Taaniel Kiidli, Nathasha Locke, Joseph Luther, Hannah Noll, Katlin Norton, Courtney Perruzzi, Thomas Salamone, Benjamin Smith, Dominic Tannoia, Jill Tuttle, Jonathan Vickers, Brianna Woodward **Standish**: Mitchell Burgess, Kaitlin Clark, Emma Goff, Joshua Goulet, Nicole Hurley, Kaitlin Kohler, Sebastian Luy, Shannon Stuart **Steep Falls**: Haley Thorne **West Baldwin**: Christina Metcalf **Westbrook**: Evan Amabile, William Batherson, Austin Blake, Kevin Bois, Darren Brown, Paul Caruso, Kristopher Doyon, Eliot Gagne, Rachel Germaine, Caroline Golden, Hannah Gowen, Emily Grossman, Jacquelyn Harris, Scott Heath, Sydney Hebert, Andrew Lamson, Emily Marean, Alexander Petry, Andrew Silver, Kelly Wilson **Windham**: Samuel Blauvelt, Meaghan Byrnes, Bradford Carpentier, Wesley Cowperthwaite, Nate Dubuc, Nicolas Gleason-Boure, Cameron Goodwin, Courtney Greenwood, Evelyn Gross, Chloe Leida, Ashlie Myer, Gabriel Purves, Keith Sample, Rachel Scala, Avery Topel, Haley Williams, Colin Zwirner **Yarmouth**: Campbell Belisle Haley, Olivia Conrad, Eric Deerwester, Ashley Eaton, Lucy Ericson, Julia Harrison, Conner Lajoie, Abigail MacDonald,

William Rhea, Bailey Sheehan, Alexandra Webber

Franklin County

Farmington: Gwendolyn Beacham, Ryan Flanagan, Rachel Karno, Michael Maclean, Samantha Tracy **Jay:** James Bartlett, Lindsay Brennick, Jordan Couture, Alexander Hartford, Joshua Horne, Kayla Meserve, Lucas Preble, Melanie Robitaille, Kaitlyn Smith, Trevor Tufts, Kathryn Ventrella **Kingfield:** Emma Houston, Holly Thomas **New Sharon:** Naomi Caywood, Abigail Lochala **New Vineyard:** Lucien Langlois **Rangeley:** Allison Hammond **Strong:** Alexandra Harnden, Patia Jellison, Ivy Mitman **Temple:** Laura Dunham **Wilton:** Ruth Leopold

Hancock County

Bar Harbor: Taylor Brown, Abbie Burton, Ryan Cox, Sean Cox, Molly Moon, Elijah O'Connor, Elliot Ossanna, Mackenzie Tibbetts, Mary Yarumian, Jordan Yoder, Meaghan Young **Bass Harbor:** Kathleen Murphy **Bernard:** Matthew Harkins **Blue Hill:** Gabrielle Farley, Lara Naisbitt, Maya Naisbitt, Meredith Torrey, Lucy Wanning **Brooklin:** Viktoria Staples **Brooksville:** Jessica Dyer **Bucksport:** Chloe Carmichael, Jade Darragh, Joseph Goodin, Katelynn Hanson, Christopher Powell, Megan Smith, John White, Michael White, Kelly Wight, Sadie Wight **Castine:** Anthony Codega **Corea:** Hannah Woodward **Dedham:** Danielle Bauer, Sarah Dickens, Benjamin Hafford, Brittney Nickerson, Abigail Vicnaire, Linley Wakeland, Benjamin Wall **Deer Isle:** Kelsey Davis, Nathan Davis, Samuel Grindle, Eliza Kane, Megan Weed **Ellsworth:** James Doty, Miranda Grant, Nichole Hamrick, Kathleen Hill, Anna Jordan, Samuel Louder, Sara Lyons, Patrick MacKay, Jacob Maguire, Cecelia McEachern, Michael Newman, Mallory Nightingale, Sanna Norwood, Samuel Reynolds, Rachael Searchfield, Rosa Tiemann, Isabelle Vachon, Rosehannah Vachon, Benjamin Walton **Franklin:** Sarah Frost **Gouldsboro:** Whytne Crabtree, Michael Dunleavy, Jordan Smith **Hancock:** Courtney Bierman **Harborside:** Baron Shaheen **Islesford:** Samantha Krasnow **Lamoine:** Walter Grenier, Ashley Oleson **Mariaville:** Mary Borer **Mount Desert:** Sierra Colson, Elizabeth Woolfolk **Northeast Harbor:** Adam Gray **Orland:** Merrill Brache, Lindsay Knox **Sedgwick:** Adam Cousins **Southwest Harbor:** Elizabeth Dunbar, Brandie Dziegiel, Gillian Morrison, Rebecca O'Donnell, Mica Perruzzi, Sarah Stanley **Stonington:** Hayden Ciomei, Genevieve Kurilec McDonald, Kathleene Melanio, Gareth Warr **Sullivan:** Jacqueline Cormier, Jennie Daley **Sunset:** Layla Eaton **Surry:** Karyn Carlin, Adam Kaspala, Alyssa Langley-Wolf **Trenton:** Brailee Black, Keegan McKim, Brigitte Parady, Lindsey Robbins **Verona Island:** Kayla Gray, Colleen Lucy, Scott Powers

Kennebec County

Albion: Lucas Quimby **Augusta:** David Audet, John Beeckel, Jordan Brown, Arianna Castonguay, Elisha Glusker, Todd Hawkins, Josie Heath, Kate Johnson, Victoria Lovejoy, Marshall McLaughlin, Erin Mercier, Derek Vigue **Belgrade:** Blake Bourque, Alexandra Cole, Ryan Scott **Benton:** Thad Chamberlain **Chelsea:** Jack Brannigan, Crystal Clark **Clinton:** Aaron Brown, Tiffany Clifford, Jason Copp, Ryan Duperry, Sarah Heald, Miles Smith **East Vassalboro:** Hannah Grover **Fairfield:** David Austin, Nicole Bowen, Josie Champagne, Hannah Chavis, Samantha King, Joseph Leclair, Erika Morin, Lindsay Morris, Taylor Rolfe, Lawryn White **Farmingdale:** Jake Levesque, Steven Longfellow, Bradley Shepherd, Michael Woods **Fayette:** Julie Churchill, Ian Jewett, Keith Jewett, Olivia Swimm **Gardiner:** Emily Kobrock, Hannah Morgan, Brianna Mosher, Rebecca Paradee, Matthew Plourde, Camerin Seigars, Rebecca Woodard **Hallowell:** Erin Ballew, Jonathan McCullum, Lindsey Quirion, Samuel Shepherd, Kurt Thiele **Kents Hill:** Shaunna Damboise **Litchfield:** Amanda Bloss, Samuel Hatch, Karissa Panzino **Manchester:** James Cumming, Cameron Guild, Michael Kelley, Tyler Lang, Mary-Margaret Manley **North Monmouth:** Colby Wilson **Oakland:** Lucas Bartlett, Kelsey Bolduc, Samuel Dubois, Kirsha Finemore, Erik Holmsen, Benjamin Schaff, Shaun Veilleux, Allan Walsh **Pittston:** Kaitlynn Malinowski **Randolph:** Colby Fortier-Brown, Patrick Fortier-Brown, Paul-Jacob Richmond **Readfield:** Megan Dood, Mitchell Fellows, Grace Kavanah, Margaret Keeley, Kelby Mace, Eleanor Nazar, Madeline Nazar, Kathryn Smith **Rome:** Allison DeLisle **Sidney:** Cory Andrews, Philip Bean, Nikki Cole, Haleigh Moran, Daniel Paradis, Sydney Shackett, Jennifer Stanley, Andrew Wilson **South China:** Emily Deering, Mason Emery, Stacy Gunning, Jade McGuire, Jennifer Prescott, Morgan Prescott, Katherine Wight **Vassalboro:** Marissa Bovie, Moriah Cloutier, Patrick Meunier, Jeffrey Pulver, Sarah Toto **Vienna:** Robert Sepanek **Waterville:** Michael Bailey, Sage Duguay, Grace Gould, Lucas Higgins, Caleb Hoffman, Elizabeth Jones, James Lavin, Ryan Lopes, Kyle Marrache, Katelyn Massey, James Nelson, Michael Nelson, Timothy Paylor, Morgan Pellerin, James Robe, Mathew Rumsey,

Allison Scully, Todd Serbent **Wayne:** Nicole Castonguay **Weeks Mills:** Chase Drummond **West Gardiner:** Rebecca Champagne, Matthew Clark, Emalee Couture, Hannah Luken, Kaleb Smith **Windsor:** Sarah Allisot, Emma Wilkinson **Winslow:** Kyle Castagnetto, Ryan Dutil, Kayla LaBrie, Desarae Liberty, Celena Lucier, Cody Maroon, Karlee Price, Sierra Savage, Rachel Sirois, Aysha Vear, Elizabeth Weiss **Winthrop:** Connor Chu, Travis Hutchins, Lauren Kaiser, Emily Mayer, Jessica Scott, Sarah Warner

Knox County

Camden: Julie Beauchesne, Blakelee Jordan, Carman Lamb, Stephanie Leclerc, Marcel Marki, Kyle Nolan, Emily Sargent, Sarah Skovran **Cushing:** Erika Brooks, Lindsey Joyce, Julia Sell **Friendship:** Cooper Dahlberg **Hope:** Rosanna Bowman, Christopher Josselyn **Owls Head:** Ciera Bedard, FuFei Chen, Afton Hupper, Emma Mason, Sebastian Yattaw **Rockland:** Heidi Mills **Rockport:** Tyler Coleman, Emily Lane, Meghan Lane **South Thomaston:** Zachary Dean, Maggie Drinkwater, Jessica Luttrell **St. George:** Emily MacMillan **Tenants Harbor:** Amelia Reinhardt **Thomaston:** Tamra Wallace, Benjamin Young **Union:** Sarah Fearing, Anne Howell **Warren:** Rachel Chase, Kaitlyn Hanson **Washington:** Hannah Babcock

Lincoln County

Alna: Alyssa Urquhart **Boothbay:** Jesse Bonin, Andrew Goode, Kathryn Gottlieb, Nellie Kelly, Lynn Pawlowski **Bremen:** Teiga Martin, Timothy Wells **Coopers Mills:** Stephanie Mazerolle **Damariscotta:** Joshua Hoepner, Robert Millett **Edgecomb:** Hannah Elder, Arden McSwain **Jefferson:** Michaela Fortin, Andrew Foster **Newcastle:** Eliza Jones, Chelsey Riendeau **Round Pond:** Ryan Wahle **Somerville:** Hannah Ladd **Waldoboro:** Kelsie Grady, Taylor Poli, Mallory Robbins, Kristi Severson, Maggie Wallace, Carla White **Westport Island:** Abigail Bradford, Jackson Cromwell, Kerry Cummings, Benjamin Fairfield **Whitefield:** Nathan Burns, Abigail Gower, Cory Pedersen, Robert Soohy, Stephen Soohy, Jeffrey Vigue

Oxford County

Bethel: Joshua Bellinger, Anneliese Smith **Brownfield:** Catherine Gillette, Ian Shea **Byron:** Shayne Plourde **Center Lovell:** Sarah Welch **Denmark:** Logan Gerchman **Dixfield:** Natalie Bolduc, Isiah Brown, Justin Chartier, Deidre Cochran **East Andover:** Elek Pew **Fryeburg:** Aubrie Howard, Liam LeConey, Alicia McDonald, Taylor O'Keefe, Ethan Ray **Greenwood:** Kimberlei Dean, Naomi Ellsworth, Laura Franklin, Avery Rossow **Hebron:** Andrew Hatch **Lovell:** Austin Ward, Josephine Zvelebilova **Mexico:** Derek Benedix, Sarah Nicols **Norway:** Benjamin Brown, Joseph Ferracci, Avery Gates, Tabatha Hawkins, Michael Minigell, Dayna Schultz, Nathan Tomczyk **Oxford:** Abigail Bennett, Krista Clifford, Rebecca Gilbert, Brittney Turnbull **Peru:** Samuel Rock, Kelsey Wilson **Porter:** Christopher Rowley **Roxburn:** Brian Cogley **Rumford:** Lysie Dupuis, Emily Gallant, Mercedes Gurney, Jamie Hutchins, Kera Miller **South Paris:** Benjamin Bowie, Tyler Morin **Stow:** Currenn Mackie-Malcolm **Sumner:** Elizabeth Damon **West Paris:** Ryan Billings, Jonathan Hankey

Penobscot County

Alton: Kaytee O'Berry **Bangor:** Joshua Andrews, Joseph Arsenault, Ariana Babineau, Emily Baker, Jill Black, Samuel Bolduc, Meghan Bruni, Kelly Bussell, Vincent Caccese, Kathryn Callahan, Daniel Clark, Kevin Clark, Julie Clifford, Ross Cormier, Jessica Correale, Sarah Courtright, Jenna Cross, Kayvan Dastgheib-Beheshti, Lucas Desjardins, Cara Doiron, Kaitlin Drake, Molly Dubovy, Michelle Duff, Brendan Dunn, Matthew England, Allyson Eslin, Jayne Foley, Devon Foster, Andrew Fournier, Nicholas Fournier, Mercedes Goodine, Jill Hamm, Jessie Hardy, Stephanie Hayes, Holly Hegarty, Kirsten Higgins, Shawn Higgins, Todd Hillier, Cady Hockridge, Steven Hooke, Rebecca Jacobson, Taylor Jenkins, Deidre Johnson, Noah Karam, Maryam Kashkooli, Tyler Kenney, Nicole King, Bethany Latulippe, Joyce Ledford, Dana Libhart, Thomas Ling, Jason Linnell, Jenna Marshall, Christopher Mathews, Elisha McKinley, Nikkiah McManus, Thomas McOscar, Zakiah-Lee Meeks, Lindsay Mestieri, Mikayla Mitchell, Kristen Moody, Edmond Morin, Sara Morris, Jacqueline Morse, Timothy Mullen, Trang Nguyen, Aron Nichols, Innocent Okolocha, Julia Osborne, James Ozog, Joshua Paredes, Laura Pasquine, Julie Patterson, Mark Paulette, Andrea Rickards, Ashley Robinson, Jeffrey Rogers, Elizabeth Rovito, Jason Seymour, Samuel Sherwin, Terry Shortt, Megan Shuman, Illana

Silver, Maya Silver, Ashara Slagger, Erin Smith, Nicholas Stahl, Marshelle Stern, Doretta Stevenson, Katrina Stinson, Shotaro Takahashi, Lauren Tata, Allison Thompson, Ethan Tremblay, Michala Valley, Leanne Violette, Anthony Viselli, Adam Weiner, Leah Word, Kate Wypyski, Jingwen Xie **Bradford**: Christopher Albert, Nicole Lamarche, Matthew McCarthy **Bradley**: Samantha Emerson, Miranda Gifford, Matthew Richard, Anna Spitzfaden **Brewer**: Hanna Anderson, Anna Berube, Teddy Berube, Juliana Bilodeau, Sonia Biswas, Roger Brasslett, Alyson Briggs, Kimberly Caron, Andrea Cunney, Caleb Fernald, Cassie Garcelon, Matteah Hamm, Samantha Hand, Anna Hayden, John Herlihy, Lindsay Houp, Lauren Joliat, Michael Karnas, Lucas Lamond, Evan Nadeau, Casey Nash, Keith Parker, Ray Peck, Patrick Pettegrow, Emily Shannon, Marisa Tandy, Nicholas Turner, Kathleen Vallance, Spencer Warmuth, Tyler White **Carmel**: Steven Anderson, Deborah Heyden, Sarah Treadwell **Charleston**: Bethany Ward **Clifton**: Megan Libby **Corinna**: Ian Grover, Sarah Mullis **Corinth**: Katrina Lessard, Nicole Lessard, Brianna Speed, Heather Speed, Kristen Vafiades **Dexter**: Matthew Baucum, Dylan Hanscom, Rebecca Mason, Kirstie Mower, Anna Ritland, Meredith Roderka **Dixmont**: Theresa Spieldenner **East Millinocket**: Matthew Morris **Eddington**: Shelby Colburn, Caroline Deroche, Emily Illingworth, Kyle Manson, Nathan Perry, Morgan Tidd **Etna**: Katelyn Manzo **Exeter**: Cody Morgan **Garland**: Christine Germaine **Glenburn**: Kayla Bousfield, Brittney Chase, Joseph Cheff, Brandon Crocker, Kailey Desrosiers, Jennifer Federico, Kimia Kashkooli, Andrew Nesbitt, Elise Nosel, Katelynn Ronan, Taylor Ronan, Charles Roy, Marissa Rublee, Brittany Simmons, Christopher St. Peter, Brittany Towle, Isaac Walton **Greenbush**: Garvey Melmed, Douglas Munn, Shawn Ripley **Hampden**: James Alley, Kathryn Asalone, Aaron Beaulieu, Nicholas Boomer, Rebekah Boomer, Sarah Boomer, Catherine Bruno, Randy Canarr, Amy Cirrinone, Andrew Closson, Matthew Closson, Dylan Cole, Alex Cust, Ashley Danforth, Joshua Deakin, Jasmine Deschesne, Olivia Duron, Jordyn Gilio, Matthew Hammond, Erik Hanson, Julia Hidu, Margaret Howson, Maria Howson, Angelina Iannazzi, Orie Lafevers, Sophia Lataille, Lauren Lee, Jennifer Lilieholm, Margaret McCollough, Michael Melochick, Benjamin Nelson, Taylor Plaisted, Rachel Ranger, Kent Reichel, Kristina Reichel, Margaret Ross, Ellie Webb, Darci Williams, Kimberly Wilson **Hermon**: Joshua Allen, Lindsey Allen, Nicole Altvater, Evan Bowman, Audrey Cliff, Desirae DuBois, Nathan Farnham, Scott Forand, Nicolette Hashey, Nickolette Higgins, Bradley McCluskey, Matthew Murphy, Elias Pasquerillo, Margaret Pierce, Miranda Roberts, Zachary Rogers, Benjamin Rossi, Fawn Sullivan, Jessica Wade **Holden**: Megan Ackley, Madelyn Bailey, Jordan Campbell, Molly Caron, Theresa Copeland, Daniel Ghergia, Jill Hein, Molly Horne, Morgan Johnson, Karen Lucky, Forrest Miller, Emily Mills, Molly Moreshead, Gabrielle Nickerson, Hannah Nickerson, Katelyn Porter, Taylor Roy, Ashlee Sargent, Reagan Smith, Blaine Williams, Tristan Wortman **Howland**: Amber Rowley, Denise Smart, Monique Theriault, Amanda Thurlow **Hudson**: Krista Foster, Zachary Hussey, Victoria Pendleton **Indian Island**: Thomas Attean **Kenduskeag**: Derek Frey **Lee**: Brandon Bourgoin **Levant**: Erin Iverson, Laura Kamorski, Amber Oakes, Christine Paul, Morgan Robinson, Brooke Sheridan **Lincoln**: William Cloran, Rachael Gagnon, Logan Helsor, Merissa Jordan, Maeve Luken, Harli Maxwell, Andrew Phinney, Connor Smart, Nicolette Smith **Lowell**: Nicholas Garfield **Mattawamkeag**: Dailyn Markie **Medway**: Matthew Austin, Eric Levasseur, Jared Lyons, Kristin Thompson **Milford**: Margaret Benson, Lindsey Blair, Michael Boire, Andrea Evans, Justin Gagnon, Danielle Harrington, Isabelle Kennedy, Matthew Murray, Amanda Rose, Benjamin Salzberg, Cody St. Louis, Zachary Zoroya **Millinocket**: Aaron Collinsworth, Lillian Dow, Steven Gregory, Katie Mills, Alexandria Mooney **Newburgh**: Alexandria Becker, Jonathan Clements, Jasmine Richardson **Newport**: John Butler, Tara Lovely, Nicole Moore, Amanda Travers **Old Town**: Renae Al-Fdeilat, Christopher Anderson, Meagan Areno, Scott Audet, Craig Blackwell, Samantha Brown, Joanne Buteau, Tanner Caron, Hannah Cloutier, Taylor Cloutier, Sally DeForest, April Dehetre, Meaghan Delcourt, Lisa Dezso, Kevin Dumas, Jennifer Dunham, Nathan Edwards, Henry Gibson, Cornelia Gogan, Edward Gonnella, Karen Hamm, Michael Hanestad, Nikol Harris, Holland Haverkamp, Kai Hermansen, Marcilla Jackson, Noelle Lajoie, Jake Leithiser, Adam Letourneau, Amanda Livingston, Blaine Livingston, Hannah Livingston, Seth Lockman, Susan Lodge, Cory Moran, Andrew Morgan, Kaitlyn Moriarty, David Nelson, Jalisa Patten, Yi Peng, Chandra Poliquin, Emma Richford, Julie Roach, Jacob Searles, Amy Singer, Benjamin Smith, Jacob St. Peter, Shaun Sylvester, Melissa Thompson, Zoie Trussell, Steven Vandez, Andres Velez, Ladoiya Wells, Peter Wells **Orono**: Maitham Alabbad, Rachel Alexandrou, Majed Alhelal, Nathaniel Allan-Rahill, Ayman Alsuruj, Sokhna Aw, Jade Baumrind, Norah Bird, Sarah Bishop, Jenna Borden, Allison Brakey, Tyler Brooks, Joshua Brown, Shabrille Brown, Emily Bryant, Jessica Chadbourne, Jake Chambers, Joseph Claar, Jessi Clement, Leah Clement, Aimee Co, Schuyler Collett, Zachary Connerty-Marin, Keren Copperman, Reuben Dendinger, Kristen Douglass, Belise Dusenge, Cameron Dwyer, Guthrie Dyer, Ashlyn Edes, Liis Emajoe, Timothy Foley, Chynna Fuller, Robert Gelinis, Marie-France Georges, Kristin Gilmour, Zachary Gold, Thomas Griffith, Samuel Griswold, Jessica Hamilton, Gary Hunt, Diana Inkova, Alexander Introne, Autumn Kendal, Maryanne LaFollette, Lukas Lamb-Wotton, Robert Laraway, Troy Lawrence, Teresa Libby, Ethan Luthin, Noah MacAdam, Hunter Manley, Alexis Mantis, Kayla Marquis, James Martin, Mikiko Marzilli, Evelyn McArdle, Joseph Moore, Lindsey Moran, Annie Morgan, Kirsty Moriarty, Susan Muller,

Amber Murray, Joshua Nault, Bienvenu Ndaruhutse, Anders Nelson, James O'Neil, Cameron Ouellette, Zechariah Palmeter, Abby Parker, Briar Pelletier, Samantha Pelletier, Bryanna Plummer, Meredith Polhemus, Jeffrey Rampe, Nicholas Richmond, Lance Roberts, Travis Russell, Morgan Schanck, Jeremiah Simonsen, Bronte Sone, James Spruce, Andrea Steward, Jonathan Torsch, Laura Triandafillou, Sydney Veljacic, Axl Wallingford, Gema Wheatley, Rebecca White, Annabelle Wilson **Orrington**: David Bickford-Duane, Kara Cowan, Jennifer Daley, Megan Doane, Matthew Dunning, Aaron Engroff, Benjamin Jeffrey, Abigail Marvin, Kurt Massey, Jaime Roy, Hannah Ruhlin, Justin Smith, Melissa Smith, Faith Thomas, Emily Travis, Lee Washburn, Haley Williams **Patten**: Nathan Moore, Andrew Vetter **Stillwater**: James LeVasseur, Jocelyn St. Jean **Veazie**: Mitchell Burgess, Jordan Carr, Rebecca Clements, Christiana Dagher, Katerina Dagher, Laura Donovan, Hannah Drummond, Ryan Gonyar, Emma Hardy, Katie Hathaway, Ira Kramer **West Enfield**: Tina Heald

Piscataquis County

Atkinson: Sadie Zambrano **Brownville**: Mindy Downing **Dover-Foxcroft**: Daniel Decker, Mary Dever, Charles Hildebrant, Brent Thomas, Madeline Kelly **Greenville**: Amanda Sarol **Greenville Junction**: Kenneth Howard **Guilford**: Ruby D'salva-Bouton, Tara Fortier **Milo**: Camille Cramer, Lucas Grinnell, Madeline Ruffin **Monson**: Jason Pina **Parkman**: Rebecca Grant **Sangerville**: Max Andrews, Megan Soden **Sebec**: Mamie Clarke

Sagadahoc County

Bath: Chandler Dundas, Amy Franklin, Leslie Hood, Paige Martin, Shelby Neuschwanger **Bowdoin**: Nathen Cloutier, Allicyn Fitzgerald, Haley LaGrange, Morgan Martin, Eloise Melcher **Bowdoinham**: Shauna Ferry, Adeline Schneider, Griffin Stockford **Georgetown**: Mikaela Martin **Phippsburg**: Dana Douglass, Andrew Hart **Richmond**: Noell Acord, Bruce Carver, Danica Hurley, Emily Leavitt, Brianna Snedeker **Topsham**: Margaret Bouchard, Caroline Carrigan, Derek Fongemie, Robert Herrick, Gregory Kritzman, Brian Messmer, Haley Michaud, Emily Muttel, Marie Ring, Sara Rogers, Olivia Watson, Casey Williams **Woolwich**: Emily Buczkowski, Kaitlyn Dube, Nicholas Huston, Gabriela Peralta

Somerset County

Athens: Jacob Johnson **Cambridge**: Sarah Hoak **Cornville**: Samantha Turcotte **Detroit**: Carrie Corson **Harmony**: Jacob Stutzman **Hartland**: Kestrel D'Antilio **Madison**: Lindsey Kandiko **Mercer**: Kathleen Harvey **Moscow**: Dylan Belanger, Kristen Mathieu **Norridgewock**: Devin Lachapelle, Adriana Martineau, Savanna Power **Pittsfield**: Alexander Audet, Megan Dunphy, Laura Horowitz, Anna Olsen, Andrew Schanck, Brittany Seekins **Rockwood**: Katherine Miller **Saint Albans**: Bethany Miles **Skowhegan**: Ryley Burkhart, Nicolette Curran, Jaden Dickinson, Jordan Emery, Matthew Kay, Kaylin Knott, Rhiannon LaPlante, Craig Lizotte, Lucas McDaniels, Jillian Redmond, Lindsey Tatakis **Smithfield**: Amanda Joy, Holly Lupo

Waldo County

Belfast: Allison DellaMattera, Monique Deschamps, Carly Emt, Hannah Holden, Faith Von Itter **Brooks**: Wendy Gibbs, William Yori **Burnham**: Jennifer Chadwick **Freedom**: Trevor Diemer, Briana Littlefield, April Turner **Jackson**: Angeline Laliberte **Liberty**: Catharine Cloutier, Heath Mathieson, Bronwyn West **Lincolnvile**: Maximilian Geffken, Crockett Lalor **Monroe**: Susan Outman **Montville**: Alexandria Jimenez, Skye Siladi **Morrill**: Annette Ambrose, Amanda Strusz, Kyah Watson-Fontaine, Abigail Wessels **Searsmont**: Emily Blood, Isaac Hoey, Beverly Settle **Searsport**: Zachary Beaudry, Benjamin Bucklin, Jacob Bucklin, Pascal Francis-Mezger **Stockton Springs**: Colin Graebert, Olivia Quigley **Swanville**: Erica Peavey **Thorndike**: Brian Blanchard **Unity**: Colleen Mayberry, Robert Powell **Winterport**: Olivia Barberi, Wyatt Bisbee, Erin Foley, John Meehan, Ian Miller, Brittany Oettinger, Jessica Small

Washington County

Addison: Ross Trundy **Brookton:** Molly White **Calais:** Forrest Carle, Josh Carr, Meaghan Cavanaugh, Jesse Clark, Amelia Moody **Cherryfield:** Cody Blackburn **Columbia:** Brandon Torrey **Columbia Falls:** Haley Toppin **Cutler:** Molly Abrams **East Machias:** Matthew Talbot **Harrington:** Andrew Kennedy **Jonesboro:** Heather Anderson, Kassidy Seeley, Taylor Seeley **Lubec:** Chad Denbow **Machiasport:** Caleb Beal **Milbridge:** Cristina Perez, William West **Pembroke:** Rachael Mahar **Perry:** Natalie Altvater, Garret Sullivan **Topsfield:** Taylor Cochran **Waite:** Tamara Thomson **Weston:** Felicia Cowger **Whiting:** Gianna Porter

York County

Acton: Abby Tranchemontagne **Alfred:** Andrew Bullard, Katherine Caramihalis, Corbin Cass, Audrey Hoyle, Jacqueline Stolo **Arundel:** Ciera Lamontagne, Matthew McGinn, Megan Rounds **Berwick:** Abbigale Beaulier, Katy Clement, Nathan Dunn, Nicholas Grant, Jordan Hayes, Hayley Junkins, James O'Connor **Biddeford:** Brooke Bailey, Evan Black, Justine Bouthot, Robert Cote, Spencer Desrochers, Emily Doyon, Taylor Hallezuk, Maeghen Howe, Christopher Jones, Rebecca Kaiser, Michael Kennedy, Nicholas Laverriere, Maggie Maloy, Ashley McCauley, Matthew McGuirk, Anna Mininni, Amber Mondor, Michael Shea, Jordan Tran, Timothy Waterman, Travis Weismeyer **Buxton:** Lucas Knight, Brendan O'Neill, Max Ritchie **Cape Neddick:** Mitchell Benoit, Andrew Hayford, Samantha Kwok, Autumn Murtagh **Dayton:** Alexander Belanger, Christina Caron, Avery Dunn, Mariah Picard **East Waterboro:** Marjorie Lee, Kayla Schneider **Eliot:** Bethany Ames, Ryan Anderson, Garrett Brown, Isabella Etro, Jackson Foley, Olivia Mondene, Nathan Nappi, Shane Odiorne, Adya Plourde, Hattie Stiles, Madison Waterman **Hollis Center:** Casey Libby, Riley Mattor **Kennebunk:** Michael Altieri, Molly Desmarais, Lauren Errico, John Grillo, Charles Haritos, David Kerschensteiner, Seneca Landry, Jessica Langlais, Tori Leonard, Kathleen O'Toole, Timothy Price, Hannah Sirois **Kennebunkport:** Nicholas Ames, Janelle Bouchard, Jennifer Davis, David Despres, Samantha O'Shea **Kittery:** John LaMarca, Alexis Ovington, Wesley Raines, Matthew Robinson, Ariel Rochester, Timothy Rogers **Kittery Point:** Abigail Hannigan, Alexandria Sillsby, Arthur Tucker **Lebanon:** Alexandria Dix, Kylie Paradis, Laurel Sacco **Lyman:** Aleeshia Carroll, Eric Martin, Phillip Twombly **North Berwick:** Elizabeth Littlefield, Matthew Wood **North Waterboro:** Casey Nava **Ogunquit:** Kathryn Schneider **Old Orchard Beach:** Emily Bordeau, Ariane Bouchard, Jamie Crowley, Charles Duffield, Kailey Fogg, Lauren Fogg, Samuel Jenkins, Jason Regis, Rebecca Wittman **Parsonsfield:** Duncan Mixer **Saco:** Michelle Beauchemin, Robert Begin, Marissa Boivin, Joshua Boldebook, Alexandra Courtney, Amelia Courtney, Kayleigh DeFrancesco, Elizabeth Demin, Jill Faucette, Alison Folsom, Amanda Gibbons, Rebecca Harris, Katherine Kalagias, Ashley Kane, Philip Kolmar, Cain Landry, Colin Leary, Christopher Nashi, Margaret Petit, Kendall Pike, Christianna Roberts, Samantha Saucier, Jenn Seneres, Kent Seneres, Lindsay Stack, Jacob Stephens, Henry Ta, Tyler Walsh **Sanford:** Mathew Allen, Jared Conley, Colby Cronin, Austin Fagan, Michelle Jacques, Jenna Nichols, Justin Norman, Joshua Patnaude, Taylor Pepin, Chelsea Rodrigue **South Berwick:** Allison Blunt, Alyssa Fogarty, Madelyn Folger, Jillian Gori, Benjamin Hebert, William Hofacker, Ariel Kaplan, Toni Kaplan, Nicole O'Neil, Seraphina Orsini, Sarah Personeni, Catherine Pouliot, Andrew Purgiel, Erica Sedler, Lucas Taylor, Kendra Threeton, David Vittori, Alexis Young **Springvale:** Chad DiPrisco, Shane L'Heureux, Jessica Murphy **Wells:** Michaela Albano, Dominic Barra, Anthony Crawford, Douglas Darling, Matthew Fischer, Matthew Ingalls, Whitney Lallas, Zachary Mason, Cameron McMahon, Gillian Ramsdell, Nadia Rashed, Sarah Rached, Abigail Reese, Maria Sutryn, Steven Valentino **York:** Jack Briggs, Joseph Galante, Allison James, Hannah Keating, Craig Lane, Alexander Moser, Michael O'Connor, Shaunna Peard, Zachary Pease, Zachary White

UMaine Scientists in Mongolia Seek to Learn About Processes That Launch Earth Out of an Ice Age

22 Jun 2015

Aaron Putnam, a research associate with the University of Maine Climate Change Institute, is conducting glacial geology research in Mongolia with doctoral student Peter Strand. Fieldwork will include mapping and collecting samples of moraines and glacial geomorphologic features around Khoton Nuur. Khoton Lake is at the foot of the Altai Mountains near the border of China. Strand and Putnam, who is also associated with Lamont Doherty Earth Observatory, are blogging about their experiences during the monthlong research trek, which is being done in collaboration with Mongolia University of Science and Technology. A DeLorme inReach Satellite Communicator is broadcasting the team's location every two hours. People interested in following the researchers can visit share.delorme.com/PeterStrand; the password is "glacier" to view the researchers' location, send a message and follow their progress. "The last glacial termination represents the last great global warming and the last time CO2 rose by a

substantial amount before the industrial period. And yet the role of CO2 in causing the last great global warming is not certain,” Putnam and Strand blogged June 18. They say this research could advance understanding of “the sensitivity of atmospheric temperature to CO2,” as well as increase knowledge about the processes that catapult the Earth out of an ice age. When Strand and Putnam, who this fall will be a faculty member in the UMaine School of Earth and Climate Sciences, return to UMaine, they’ll process the collected samples and create a chronology that documents the reduction of glacier volume since the peak of the last ice age. The research team also includes David Putnam, professor at University of Maine Presque Isle; Caleb Ward, a student at University of Maine at Presque Isle; Sarah Kramer, a graduate student at Medill School of Journalism; and Pagamsuren Amarsaikhan and Tsetsenbileg Bavuu from the Mongolian University of Science and Technology. Tanzhuo Liu, of Lamont-Doherty Earth Observatory; and Hayley Walcott, a student at the University of Saint Andrews, will join the team in the field. Contact: Beth Staples, 207.581.3777

Phys.org Publishes Releases on Honey Bee, Bluefin Tuna Research

22 Jun 2015

Phys.org picked up two University of Maine releases about current research projects. “[Hungry bluefin tuna in a sea of plenty](#),” focuses on a study led by Walter Golet, assistant research professor in the School of Marine Sciences and the Gulf of Maine Research Institute. In a paper in the journal Marine Ecology Progress Series, the authors outlined how the overall condition (fat content) of Atlantic bluefin tuna in the Gulf of Maine declined despite an abundance of Atlantic herring — their preferred prey. The second [release](#) focuses on a group of UMaine researchers who are working to enhance native and honey bee populations by increasing beneficial pollinator flowers across Maine’s landscape.

Press Herald Quotes Brewer in Article on Gov. Paul LePage

22 Jun 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Portland Press Herald](#) article “His own party agonizes as Gov. Paul LePage burns political capital.” Brewer said there is little doubt that LePage, a Republican, is alienating both parties, but he can claim responsibility in the budget process by driving the initial discussion and pushing for tax cuts and welfare reforms, according to the article. Brewer said even though LePage is burning a lot capital, he has never presented himself as a conventional politician, and he is not.

Mayewski to Speak at Arctic Education Event in Castine, Ellsworth American Reports

22 Jun 2015

[The Ellsworth American](#) reported Paul Mayewski, director of the Climate Change Institute at the University of Maine, is scheduled to speak at an educational event focused on the Arctic and climate change in Castine. The Maine Chapter of the Fulbright Association will host a morning of presentations on the Arctic, climate change and the Fulbright Scholar Program at Maine Maritime Academy July 10, according to the article. Mayewski will deliver the presentation, “Is Climate Instability in Our Future? Or, is it Already Here? The Arctic and its Impact.” The public is invited to attend the free presentations that run from 8:45 to 11:45 a.m.

Brewer Interviewed About Republican Presidential Candidates for Arkansas Publications

22 Jun 2015

Brewer was quoted in an article on Republican presidential candidate Mike Huckabee published by [ArkansasOnline](#) and the [Northwest Arkansas Democrat Gazette](#). The article reported Huckabee sat out the four-day Road to Majority event attended by hundreds of conservative religious voters and nearly a dozen Republican presidential candidates in Washington. The event was held by the Faith and Freedom Coalition and Concerned Women for America, two conservative groups popular with evangelical voters, according to the article. Brewer said predicting which candidate evangelical voters will support in 2016 is not as clear-cut as it was in 2008, the article states. “It’s going to be interesting to see where they ultimately go and who do they ultimately throw their weight behind,” he said, adding Huckabee seems

like an obvious choice because of his background as an evangelical minister. Brewer said he was surprised Huckabee didn't appear at the conference. "That doesn't make a whole lot of sense to me," he said. "You would think that would be someplace he would most certainly want to be. He would be warmly received. If I was running his campaign or advising him, I would advise him to be there."

Gallandt, EPSCoR Cited in BDN Article on John Bapst Grad

22 Jun 2015

The [Bangor Daily News](#) published a feature article on Diego Grossmann, a recent John Bapst Memorial High School graduate. Grossmann was accepted to Bowdoin College, but plans to take a year off between high school and college to volunteer abroad with World Wide Opportunities on Organic Farms, an organization that pairs volunteers with farms around the world, according to the article. In high school Grossmann discovered his love of agriculture and took part in a Maine EPSCoR (Experimental Program to Stimulate Competitive Research) internship at the University of Maine, the article states. While there, Grossmann worked with Eric Gallandt, a professor of weed ecology and management, studying organic solutions to combatting weeds. "I have no doubt he's going to be a great contributor to the field of organic agriculture," Gallandt said of Grossmann. "We need to figure out, 'How do we help these young and small farms become more efficient and more profitable?'"

Media Cover Inaugural Black Bear Marathon

22 Jun 2015

The Associated Press, WVII (Channel 7), WLBZ (Channel 2), WABI (Channel 5) and the [Bangor Daily News](#) reported on the University of Maine's inaugural Black Bear Marathon, Half Marathon and 10K. The certified full marathon course is a double loop of a 13.1-mile course that begins on campus and travels through Orono, Old Town and the university bike path. The race start and finish was on the UMaine track at Harold Alfond Stadium. "It's been challenging, but a lot of fun. We've had amazing runners and volunteers that just won't quit," race director Lauri Sidelko told WABI. Sidelko said the race is a beautiful course with a lot of community support, WVII reported. "I think that we'll just get bigger and better in years to come," she said. WABI (Channel 5) also reported on the race expo held in the New Balance Field House a day before the event. Miami Herald, The State and SFGate carried the AP report.

O'Brien Medical Launches Device Developed with UMaine Collaboration

22 Jun 2015

A new device on the market, developed by O'Brien Medical in Orono in collaboration with the University of Maine Advanced Manufacturing Center, has the potential to improve detection of diabetic peripheral neuropathy that can lead to limb loss. ETF¹²⁸, an electronic tuning fork named one of the Top 10 innovations in podiatry by *Podiatry Today* magazine, was patented last year and is now manufactured by Saunders Electronics in South Portland, Maine. The 128-Hz device offers a significant improvement over current methods used by doctors to detect diabetic peripheral neuropathy, a nervous system disorder with symptoms of pain, sensation loss and weakness in limbs. The development of ETF was made possible through a collaboration with Dr. Todd O'Brien, president and founder of O'Brien Medical, and UMaine's Advanced Manufacturing Center, an engineering support and service center dedicated to promoting manufacturing economic development in Maine. More than five years ago, O'Brien approached the Advanced Manufacturing Center to help develop a proof-of-concept electronic tuning fork, and then worked with Bruce Segee of UMaine's Department of Electrical and Computer Engineering to develop the beta and commercial versions of the device. O'Brien also is an alum of the Top Gun Entrepreneurial Accelerator Program at UMaine, a five-month program that engages entrepreneurs in growing their businesses. Top Gun combines education, mentoring, pitch-coaching and networking opportunities. The program is a partnership of the Maine Center for Entrepreneurial Development, Maine Technology Institute, Blackstone Accelerates Growth and the University of Maine.

Emera Astronomy Center Makes Down East's 2015 Best of Maine List

23 Jun 2015

In the July issue, [Down East](#) magazine's 2015 Best of Maine list includes the University of Maine Emera Astronomy Center as one of the three "Best Rainy Day Playgrounds" in the Family category. The editors cited the center for its family-oriented star shows that introduce youngsters ages 4 and older to the night skies.

Longtime Nutrition Professor Katherine Musgrave Passes Away

23 Jun 2015

Katherine Musgrave, a longtime University of Maine professor and nutritionist, passed away June 20, 2015 at the age of 95. Musgrave, an Orono resident, started teaching at UMaine as an assistant professor in 1969. She "retired" in the 1980s, but continued to work full time, according to a [Bangor Daily News](#) article on Musgrave. She then taught classes on campus and online, worked as a registered dietitian, a nutrition consultant to area physicians and corporate wellness programs and broadcast a weekly radio segment about healthy living on Bangor radio station WZON, the article states. In 2011, Musgrave was inducted into the Maine Women's Hall of Fame, alongside U.S. Sen. Susan Collins. President Susan J. Hunter had this to say about Musgrave: "Katherine Musgrave was one of the stalwarts of the University of Maine faculty — the consummate teacher, both in the classroom and in distance education, and the untiring human nutrition education researcher and advocate. She came to UMaine the year after getting her degree from Oklahoma State in 1968, teaching countless students who went on to nutrition-related careers, helping train school food service personnel and consulting with local physicians on how to advise patients on healthful eating habits. Katherine 'retired' as a full professor in 1985, but continued to teach a popular introductory course on food and nutrition, both on campus, by ITV and online. "Her passion for healthy living and good nutrition was nationally recognized, was award-winning and made a difference in Maine. Her caring for the health and well-being of future generations was evident in so many ways, including the scholarship fund she established in the University of Maine Foundation in 2009 to provide financial assistance to graduate dietetic interns. "Katherine epitomized the teaching, research and community outreach mission of a public research university. We will miss her integrity, vision, wit and all-out love of life." WABI (Channel 5) also carried a report on Musgrave. Her obituary is online.

Weekly Publishes Release on Steneck's Coral Reef Address in Dominican Republic

23 Jun 2015

[The Weekly](#) published a University of Maine news release about University of Maine marine scientist Bob Steneck delivering a coral reef address on World Oceans Day in the Dominican Republic. Steneck encouraged Dominican Republic officials and stakeholders to preserve and improve coral reefs — what he calls the tropical rainforests of the sea — in his keynote address in Santo Domingo. "They contain 25 percent of all species on Earth. However, they are also among the world's most endangered ecosystems and, as such, the biodiversity, breakwater function, food resources and ecotourism value they provide for people are all at risk," Steneck said. He encouraged the Dominican Republic government and nongovernment organizations to preserve reefs that are healthy and continue efforts to improve those that are degraded. His recommendations included banning the harvesting of parrotfish and investing in enforcement. About 400 people attended Steneck's keynote at the conference, which was sponsored by Propagas Foundation.

UMaine Bee Population Research Cited in Examiner.com Article

23 Jun 2015

Research being conducted at the University of Maine was mentioned in an [Examiner.com](#) article about a swarm of 15,000 honey bees that recently descended upon Capitol Hill. The bees had been out of their nest looking for a new, larger home, according to the article. A group of UMaine researchers have undertaken a project to help determine which plants benefit bees the most in the Maine landscape, the article states. The researchers — Alison Dibble, Lois Stack, Megan Leech and Frank Drummond — are working to enhance native and honey bee populations by increasing beneficial pollinator flowers.

UPI Reports on Golet's Bluefin Tuna Research

23 Jun 2015

[United Press International](#) (UPI) published an article on a study led by Walter Golet, assistant research professor in the School of Marine Sciences and the Gulf of Maine Research Institute. Golet and his team recently published a paper in the journal Marine Ecology Progress Series that outlined how the overall condition (fat content) of Atlantic bluefin tuna in the Gulf of Maine declined despite an abundance of Atlantic herring — their preferred prey. The abundance of herring doesn't help the tuna during foraging because the herring population growth has translated to smaller body sizes, meaning tuna have to eat more fish to pack on the right amount of traveling fat, according to the article. Tuna in the Gulf of Maine have relocated their hunting grounds to offshore banks and locales on the northwest Atlantic shelf, where herring are bigger, the article states. "Fisheries managers will now face the challenge of how to manage for high abundance of small pelagic fish, which benefits benthic fishes and mammalian predators, and maintain a robust size structure beneficial for top predators with alternative foraging strategies," the scientists wrote. [FIS](#), the website of Fish Information & Services, also published a report on the study.

WVH Covers Aging Initiative Workshop

23 Jun 2015

WVH (Channel 7) reported on an Aging Initiative Workshop hosted by the Office of the Vice President for Research at the Buchanan Alumni House. Organizers said Maine's 65 and older population is growing at a rate three times faster than those under 65, meaning now is the time to use resources to plan for the future, according to the report. The workshop aimed to bring together interested faculty and staff from all disciplines on campus to review past and current research in the area of aging. Breakout sessions provided opportunities to shape the direction of future research, explore interdisciplinary and interprofessional synergies, and build new collaborations.

Science Daily Reports on Olsen's Sparrow Research

23 Jun 2015

[Science Daily](#) published the article, "Species lines blur between two sparrows in New England's tidal marshes," on a study conducted by a group of researchers including Brian Olsen, assistant professor of biology and ecology. Olsen worked with researchers at the University of New Hampshire, the University of Delaware and the U.S. Fish and Wildlife Service to capture and examine birds on the coast of Maine, New Hampshire and Massachusetts, according to the article. The line between bird species is sometimes blurry, with related species interbreeding where their ranges overlap to create populations of hybrid offspring, the article states. In their study, the researchers found that in the saltmarsh sparrow/Nelson's sparrow hybrid zone on the New England coast, identifying hybrid birds is challenging. DNA revealed that half the birds identified as "pure" in the field were of mixed ancestry.

Wahle, Steneck Quoted in Business Insider Article on Lobster Prices

23 Jun 2015

University of Maine marine scientists Bob Steneck and Rick Wahle were quoted in the [Business Insider](#) article "Something strange is happening to the Maine lobster population this year — and it could drastically raise prices." This year, the price of lobster is increasing due to changing water temperatures that affect when lobsters molt, according to the article. Warmer water makes lobsters molt earlier in the year, and in 2012 New England's ocean was relatively warm because of an "ocean heat wave," Wahle said. The changing temperatures meant lobsters matured earlier, and the increase in lobsters caused the price per pound to plummet. Now the price is on the rise because the harsh winter dropped ocean temperatures around Maine to the lower end of the lobster comfort zone, the article states. "I predict that it will be a one-molt season, based on temperatures," Steneck said, adding he thinks the molt will take place in July or August leaving not enough time for lobsters to grow enough for a second molt before the water cools. [Yahoo Finance](#) also carried the Business Insider article, and the [Bangor Daily News](#) and [Daily Meal](#) cited the report.

UMaine Training 100 High School Students, Teachers to Help Solve Stormwater Problem

23 Jun 2015

About 100 students and teachers from 12 high schools and local Native American communities around the state will gather at the University of Maine for a three-day program that focuses on creating innovative solutions to environmental problems related to stormwater management. UMaine Stormwater Management Research Team (SMART) Institute participants will work with university faculty, undergraduates and graduate students; city water planners; and representatives from the Maine Department of Environmental Protection during the program that runs from Wednesday, June 24 through Friday, June 26. Now in its second year, the SMART Institute aims to engage a diverse group of students and teachers in training for the implementation of science, technology, engineering and mathematics (STEM) in their schools while addressing an important environmental issue. Stormwater runoff is a pressing and expensive problem for most major cities, and the model of the program — STEM solution-focused with diverse citizen involvement — will have nationwide applicability and appeal, program organizers say. The institute is supported by a more than \$735,000 grant awarded by the National Science Foundation's Experimental Program to Stimulate Competitive Research (EPSCoR) Track III program that aims to empower female and minority high school students who are often underrepresented in STEM fields. The program also is supported by Emera Maine, Maine Community Foundation (Haskell-Stetson Trust) and IDEXX Corp. Throughout the conference, students will take part in hands-on projects led by STEM professionals in areas such as engineering design, science, computer modeling and information technology to monitor and map water quality. Participants will tour UMaine labs and stormwater areas on campus, hear from guest speakers, and learn how to use wireless sensors to test water, as well as collect, enter and analyze data. Institute participants also will tour a lunar habitat on campus to see applications of wireless technology in other areas of research. With the guidance of a representative from the Maine Department of Environmental Protection, students will begin their work as "live sensors" on the Stillwater River in Orono, collecting samples of insects that are indicators of water quality. Students also will collect water samples and retrieve data from wireless sensors built by UMaine students. New this year, students will prepare and be judged on a group presentation to "tell the story" of the Stillwater River, based on data they gather and analyze during the institute. An awards ceremony will be held before students depart. An opening session will be held from 8–9 a.m. Wednesday, June 24 in the Hill Auditorium of Barrows Hall. Paige Brown, a 2015 SMART Institute participant and Bangor High School junior, will deliver the keynote address, "Identifying and Remediating the Sources of Pollution in Impaired Bangor Streams." Brown is the winner of the Maine Stockholm Junior Water Prize, a prestigious youth award for a water-related science project, and will represent Maine at this year's national competition in Washington, D.C. The SMART Institute is open to Maine students who are currently in 10th or 11th grade. Females and minorities are strongly encouraged to apply. The program also trains high school teachers to co-facilitate the academic-year internships of their participating students. This year's participating high schools include Bangor, Casco Bay and Deering in Portland, Edward Little in Auburn, Greely in Cumberland, Lewiston, Old Town, Orono, Portland, Shead in Eastport, Traip Academy in Kittery and Washington Academy in East Machias.

Camp Combines Environmental Science, Traditional Native Culture

24 Jun 2015

Weaving baskets while learning about brown ash identification and habitat is one of the hands-on projects at the Wabanaki Youth Science Program (WaYS) wskitkamikww, or Earth, summer camp June 22–26, at Cobscook Community Learning Center in Trescott. At the third annual WaYS summer camp, Native American youth in grades 9–12 also will use compasses and forest tools, learn about medicinal and edible saltwater plants, tidal ecology and climate change issues as they relate to fish. "It's great fun. It's intense," says Wabanaki Center program manager tish carr, who earned a Master of Forestry degree at the University of Maine. WaYS, a long-term, multi-pronged program coordinated by the Wabanaki Center at the UMaine, integrates environmental science and traditional Native culture. WaYs, says carr, seeks to connect the next generation of Native youth with their cultural heritage and legacy of environmental management and stewardship. In addition to summer camps, seasonal mini-camps are open to junior and senior high school-age students. Each mini-camp focuses on one activity; topics have included shelter building, maple tree tapping, snowshoeing and fishing. Internships also are available for Native high school-age boys and girls to work with area natural resource experts, including those from the U.S. Forest Service (USFS) and the National Oceanic and Atmospheric Administration (NOAA), as well as cultural resource professionals. And, Traditional Ecological

Knowledge (TEK) and American Indian Science and Engineering Society (AISES) programs are offered to Native students year-round to continue the long-term connection. The various approaches and offerings are intended to develop a model education program that promotes Native American persistence and participation in sciences from junior high through college and when choosing a career. The WaYS program is the brainchild of John Banks, director of the Department of Natural Resources for Penobscot Nation; Darren Ranco, UMaine associate professor of anthropology and chair of Native American Programs; as well as members from each of Maine's Wabanaki Tribal Nations. For three days at summer camp, water will be the broad topic for activities for the 25 participants. One day will be devoted to wildlife topics and another day will be dedicated to forestry. Forestry activities, says carr, will utilize compasses and GPS units and include data collection, tree identification and possibly "forest forensics." Food at camp will be Native-based. "We'll concentrate on a healthy lifestyle and talk about where food comes from," says carr, adding that as many as four interns will assist educators during the week. Barry Dana, WaYs cultural knowledge keeper, a Penobscot community elder and former tribal chief, teams with carr, a liaison with other natural resource professionals, to make the program a success. The camp and WaYs are supported by National Science Foundation awards to Maine EPSCoR at the University of Maine. In related news, the Penobscot Nation, with support from the Wabanaki Center and the USFS, recently received a grant totaling nearly \$46,000 from the National Fish and Wildlife Foundation for a Native habitat restoration project in Penobscot Experimental Forest in Bradley, Maine. Wabanaki students will work hand-in-hand with members of the U.S. Forest Service, other scientists and cultural knowledge keepers to examine invasives in the forest. The 3,900-acre forest is a site for U.S. Forest Service research; it's one of 80 experimental forests in the U.S. and the only one in the transitional zone between the Eastern Broadleaf and boreal forests. During the 18 months of the grant, Wabanaki students will collect and analyze data on invasives, including Asiatic bittersweet and Norway maples. The grant, says carr, will help develop future Native environmental leaders by providing participants with the ability to participate in cutting-edge research and learn from various professional and cultural mentors. Contact: Beth Staples, 207.581.3777

Maine Edge Publishes Release on Online Hay Directory Updates

24 Jun 2015

The Maine Edge published a University of Maine news release reminding growers and marketers of hay and hay products to update their listings on the University of Maine Cooperative Extension [online](#) hay directory. "Extension has maintained the hay directory for many years and growers and consumers have found the resource valuable," said Rick Kersbergen, UMaine Extension educator in Waldo County.

College of Education and Human Development Co-Hosts Book Drive, BDN Reports

24 Jun 2015

The [Bangor Daily News](#) reported on the the third annual Children's Book Drive to be held at The Briar Patch book and toy store on Central Street in Bangor on Thursday, June 25. The drive aims to benefit Literacy Volunteers' programs to help adults and families learn to read, according to the article. This year, Darling's Ice Cream for a Cause, the Literacy Volunteers of Bangor, the University of Maine College of Education and Human Development and The Briar Patch have partnered for the event, which raised more than 1,100 books for children and teens last year, the article states. WVII (Channel 7) also covered the book drive.

Morning Sentinel Interviews Hopkins About Maple Mania

24 Jun 2015

Kathy Hopkins, a maple syrup expert with the University of Maine Cooperative Extension, spoke with the [Morning Sentinel](#) for an article about the Maine Maple Producers Association's Maple Mania stop in Skowhegan on June 11-13. Maple Mania is an annual tour of Maine maple farms that seeks to share and promote the state's maple syrup industry, according to the article. The event also includes workshops and educational components for maple syrup producers. "It's a good time because it's after the maple season is over and the cleanup is over," Hopkins said. "In the far parts of the state, maple syrup production goes into May." UMaine Extension works with the Maine Maple Producers

Association to organize Maple Mania, which has been held at different locations around the state for the last five years, the article states.

Garder Featured in WalletHub Study on Best, Worst States for Summer Road Trips

24 Jun 2015

Per Garder, a civil engineering professor at the University of Maine, was featured in the “Ask the Experts” section of [WalletHub](#)’s recent study about 2015’s best and worst states for summer road trips. Garder said he thinks more people will take road trips this summer than in previous years because gas is still relatively cheap and the economy is slowly turning around. For those taking road trips, he suggests using the GasBuddy app to find cheap gas; using Internet or coupon books to find low-cost, high-quality hotels; and eating local at small restaurants for some meals while supplementing with food from grocery stores.

Fernandez Speaks About Climate Change, Health on MPBN’s ‘Maine Calling’

24 Jun 2015

Ivan Fernandez, a professor in the Climate Change Institute and School of Forest Resources at the University of Maine, was a guest on the Maine Public Broadcasting Network’s “Maine Calling” radio show. The show focused on how climate change is affecting our health.

Franklin County 4-H Award Winner Announced in Sun Journal Article

25 Jun 2015

The [Sun Journal](#) reported on the announcement of the annual Franklin County 4-H Award by the Franklin County Extension Association. Janna Winslow of New Sharon, who has been a member of the Happy H’s 4-H Club for 14 years, was named this year’s recipient. The award is given to a 4-H member who has demonstrated the character and life skills that 4-H promotes, and who will pursue further education after high school, according to the article. Winslow has completed her first year at the University of Maine at Augusta where she studies business administration. The Franklin County Extension Association supports the work of the University of Maine Cooperative Extension in Franklin County. 4-H is one of the association’s important programs, providing hands-on background in agriculture, community service, science and technology, the article states.

Nominations Sought for Maryann Hartman Awards, Maine Edge Reports

25 Jun 2015

[The Maine Edge](#) reported nominations are invited for the Maryann Hartman Awards for Maine Women of Achievement and the Maryann Hartman Young Women’s Social Justice Award. Each year since 1986, the Maryann Hartman Awards Ceremony has celebrated significant contributions of Maine women in a variety of fields, according to the article. The awards are named after Maryann Hartman, a University of Maine associate professor of speech communication from 1969 to 1980 and a pioneer in the field of oral interpretation, the article states. “The Maryann Hartman Awards are a highlight of our year,” said Mazie Hough, director of the Women’s, Gender, and Sexuality Studies Program at UMaine, which organizes the awards. “It is always inspiring to see the wide variety of accomplishments of women who have committed themselves to making Maine what it should be.” The 30th annual awards ceremony will be held in March 2016. The deadline to submit nominations is Friday, Aug. 28, 2015.

Maine State of Learning Initiative Officially Launches

25 Jun 2015

A statewide effort supporting learning and skill-building to ensure growth, empowerment and success for all Maine residents officially launched at the Gulf of Maine Research Institute during Maine Startup & Create Week. The Maine

State of Learning (MSOL) is a project fueled by public and private partnerships across the state to provide more learning opportunities to Maine residents of all ages; recognize that learning through digital badges; and connect it to statewide proficiency standards, career pathways and personal goals. The University of Maine is a founding partner of the initiative along with Breakwater Learning, Maine Afterschool Network, Badge Labs, Gulf of Maine Research Institute and Educate Maine. MSOL also includes a cohort of learning providers including the University of Maine Cooperative Extension's 4-H youth development program. Participants can earn three digital badges in the UMaine 4-H STEM Ambassador program. "The University of Maine is excited to be a founding partner of Maine State of Learning," said Jeffrey Hecker, executive vice president for academic affairs and provost at the University of Maine. "This initiative clearly fits with the land grant mission and vision of UMaine. Connecting learning opportunities, both inside and outside the classroom setting, will provide students multiple pathways for skill development, knowledge acquisition, and continued civic engagement. UMaine is committed to fostering lifelong learning opportunities for all citizens of Maine and beyond." The full release about the MSOL launch is [online](#). More information about MSOL is on the initiative's [website](#).

Scott Walker: Combating Life-threatening Diseases

25 Jun 2015

Scott Walker, a principal scientist of infectious diseases at Merck Research Laboratories in New Jersey, graduated with a bachelor's degree in microbiology from the University of Maine in 1986. For 18 years Walker, who earned a Ph.D. in molecular biology and biochemistry in 1992 from the University of Connecticut Health Center, School of Medicine, has been employed by Merck where he works to discover new antibiotics to treat life-threatening infections by resistant bacteria. Born in Bangor to a pair of 1962 UMaine graduates, Walker grew up in Orono and graduated from Greely High School in Cumberland after his family moved while he was entering 10th grade. Like himself and his parents, Walker's wife, Celesta Sbardella Walker, also is a Black Bear and graduated in 1986 with a degree in elementary education. "We met the second weekend of sophomore year, both 19 years old; a true bear pair," Walker says. The Walkers have two children. Their oldest, Adam, attends UMaine and expects to graduate in 2017. **Describe some of your latest research and what you aim to discover:** My current research is aimed at discovering new drugs to fight deadly, antibiotic-resistant bacterial infections. These are the "superbugs" we see in the news. Many bacterial infections, especially those acquired in the hospital, are resistant to common or "first-line" antibiotics and some are resistant to all antibiotics. New drugs to combat these infections are desperately needed. **What are some of the life-threatening infections you are hoping to treat with new antibiotics?** The so-called Gram-negatives are the focus of the work we do. Examples of Gram-negative bacteria are *Escherichia coli*, *Pseudomonas aeruginosa*, *Klebsiella pneumoniae*, and *Acinetobacter baumannii*. The really nasty infections usually occur in the hospital and can be very tough, if not impossible, to treat. The Centers for Disease Control has categorized these organisms as significant threats to human health worldwide. **Why did you want to work at Merck?** Merck and, prior to that, Schering-Plough are world-class companies. We do groundbreaking drug discovery and development to combat or treat life-threatening diseases, viral and bacterial infection, cancer and heart disease. It's amazing to be a part of that. **Growing up in Maine, did you ever think you would be working for a big pharmaceutical company in New Jersey?** I had no idea. My parents grew up in Auburn and are both UMaine grads. I was born in Bangor and we lived in Orono for many years, but they always told me there is a big world out there. My dad is a Vietnam veteran and we lived in the South for a few years and a couple of years in New Jersey after that before returning to Orono. I will always consider Maine my home, but the winds of a career blew us to New Jersey. **Why did you decide to study microbiology?** With the inspiration of an outstanding high school biology teacher I developed a love for biology and in particular microbiology. It sounds really nerdy, but I'm fascinated by the unseen world around us and in us. My bio teacher had a life-changing influence on me at a time when I wasn't sure which direction to go. We had just moved to a new town (Cumberland) and I was feeling lost until I took biology. **Why UMaine?** I was born in Bangor, grew up in Orono, and my parents are UMaine grads; was there any other choice? I filled out one college application. **How did UMaine and the microbiology program in particular prepare you for your career?** Microbiology at UMaine was, and still is, a rigorous program that provided a solid foundation for my graduate work at the University of Connecticut Health Center. The training I received at UMaine gave me the background and confidence to handle the coursework for a Ph.D. program. My Hitchner Hall laboratory experience also exposed me to many of the modern molecular biology techniques I would later use in my graduate research project. **Did you work closely with a professor or mentor who made your UMaine experience better?** Two professors at UMaine had a huge influence on me; professors Richard Blake and Keith Hutchison. They both challenged

me to think as a scientist and to push the limits of my abilities. I wouldn't be the scientist I am today without their mentoring and inspiration. **What was your favorite place on campus?** Alfond Arena. We were there for Coach Walsh's first season. What a special place to enjoy a hockey game with your friends. I watched a game with my son in January of this year and it felt exactly the same. Also, the Bear's Den — the original one downstairs. **Most memorable UMaine moment?** It's hard to point to a single moment; there were so many. Having fun at an intense hockey game against UNH, doing well on an exam you really worked hard for, meeting a Nobel laureate, walking across campus on the first warm day of spring. **How does UMaine continue to influence your life?** I am very proud to call myself a UMaine graduate and a Black Bear. My education there prepared me, without a doubt, for the success I enjoyed in graduate school and in my current profession. **How often do you visit Maine?** Our ties to Maine are wide and deep. My family has had its roots in Maine for hundreds of years. My brothers live in Maine and the Boston area and Celesta's family all live in and around Portland. The pull is pretty strong. We travel back to Maine as often as we can for holidays and summer vacations to visit family in the Portland area and to be "tourists" in our home state. I love to ski, hike, bike, fish and camp in Maine. I did the Dempsey Challenge 100-mile bike ride last fall and skied Sugarloaf several times this season. There's really no place we'd rather be for some rest and relaxation. **Any advice for students today?** Don't be afraid of hard work; it will pay off. Sometimes it takes a few years (like a Ph.D. program), but even when you're in the midst of working harder than you ever thought you would or could, think about the small day-to-day successes in your life. It's like putting coins in a jar, it takes a while, but you'd be surprised what you can build up. **Anything else you'd like to add?** In January I had the honor of giving a seminar in Hitchner Hall on the work I do at Merck and talk with students about life in "Big Pharma." It truly was the highlight of my professional career, so far, to come back to Orono and talk with faculty and especially students. It's easy to see that the faculty has a passion for their research and training the next generation of scientists. If we as a nation are going to remain at the forefront of the biomedical sciences we need places like UMaine and people so dedicated to research and education. Plant the seeds and watch them grow.

Photo by Michael Lund, Photographer for Merck Media Studio

Angela Hanscom: Summer Camp Founder

25 Jun 2015

In the woods of New Hampshire, there's a place children can escape the real world. It's a place where they can let go of their fears, develop skills and feel free; a place where they can learn to interact with peers while connecting to nature and getting their hands dirty. The place is TimberNook, a summer camp with a name meant to convey a hidden spot in the woods. TimberNook campers take part in a variety of new experiences — from acting out a classic story in the woods, such as "Three Little Pigs," complete with building houses out of hay, sticks and bricks, to designing an art gallery walk through the forest. "There is no typical day at TimberNook," says founder Angela Hanscom. "Every camp experience is different, but all focus on fostering healthy sensory and motor development while challenging the mind at the same time to think in new ways." The campers come for many reasons. Some children come to overcome fears of going barefoot or walking into the woods, others to learn how to take risks and play with friends appropriately, Hanscom says. Some come to simply learn how to use their imagination for the first time. Since 2010, about 1,180 children have attended TimberNook camps at three New Hampshire locations in Barrington, Brentwood and Madbury, as well as in Florida and Ohio, and around the world in New Zealand and soon to be in Australia. Hanscom, a University of Maine alumna, founded the camp after determining many children aren't spending enough time playing outdoors, which affects their sensory systems and quality of life. "I'm on a mission to get children back outdoors to once again foster healthy sensory and motor development," she says. "My focus is on prevention and a new approach to play." Hanscom, who graduated from UMaine in 2001 with a bachelor's degree in kinesiology and physical education, earned a master's degree in occupational therapy from the University of Southern Maine in 2003. After graduate school, Hanscom worked as an occupational therapist in hospitals, schools and clinics. When her second daughter was born, Hanscom chose to stay home to raise her children. Among her children's classmates, Hanscom noticed many seemed to have poor balance and coordination, were weaker than they should be at their age, and had trouble thinking creatively. Many of the children needed occupational therapy and only a few of them played outdoors on a regular basis. Through research and observation at local schools, Hanscom found children were noticeably weaker and their balance systems were significantly underdeveloped as compared to children of previous generations. She also found teachers reported children becoming more aggressive on the playground and having trouble staying in their seats. In 2010, Hanscom created a summer camp in New Hampshire to get children outdoors while enhancing and fostering development. After one week, those who attended the camp showed signs of improvement, she says. Some became more social while others

showed less anxiety when trying new activities or playing outdoors. As the camp's popularity grew, Hanscom decided to license the program to allow parents and therapists to replicate the curriculum. TimberNook was officially trademarked in 2014 and began expanding to other locations. The camp is geared toward children who are 4–11 years old. "This is the age of imagination and the start of independence; both we like to foster in young children," Hanscom says. Hanscom credits her kinesiology and therapy background with allowing her to fully understand the importance of movement in the development of young children. Wanting to become a physical therapist, Hanscom majored in kinesiology and physical education at UMaine, which she attended because her father, an alumnus, spoke highly of his time at the university. While in college, Hanscom decided to make the switch to occupational therapy, earning her master's in the discipline. "I became interested in treating the whole child — not just the physical aspects of development. I wanted to help foster healthy development of both the mind and the body," she says. As a hands-on learner, Hanscom thrived in the interactive kinesiology and physical education program at UMaine that provided her first glimpse into the professional world. She enjoyed the practical courses, especially those taught by Stephen Butterfield, professor and chair of UMaine's Department of Exercise Science and STEM Education. "He really made quite the impact on me," Hanscom says of Butterfield. "He had such an innovative way of engaging his class. He challenged us and expected great things from our work. I'll never forget the quality of his teaching." Always a fan of nature, Hanscom spent a lot of her free time at UMaine mountain biking on university trails. When she's not in meetings or strategically planning for TimberNook, Hanscom promotes her program and philosophies through writing and speaking engagements. She is a regular contributor to The Washington Post. Her first article, "Why kids fidget and what we can do about it" went viral around the world. She has given a TED Talk for more than 100,000 Johnson & Johnson employees on the importance of movement and play outdoors on the overall well-being of children. Hanscom recently wrote "Balanced & Barefoot," a nonfiction book that examines the importance of free play outdoors on the sensory and motor development of children. "It is designed for parents and educators as a guide on how to foster healthy development and creativity through play experiences outside," Hanscom says of the book that is expected to be published by New Harbinger in spring 2016. In the future, Hanscom hopes to see more TimberNook camps around the world to reach as many children as possible. "My goal is to create change for the youngest of our society — to educate adults on the therapeutic importance of having enough time to play outdoors on a regular basis," she says.

Riordan Speaks to BDN About Importance of Downtown Theaters

26 Jun 2015

Liam Riordan, a University of Maine history professor and director of the University of Maine Humanities Center, was quoted in a [Bangor Daily News](#) article about the Colonial Theatre in Belfast being put on the market. Riordan told the BDN downtown theaters such as the Colonial matter a lot to the cultural lives of Maine communities. "I do think theaters have played an extraordinary role as a hub of local culture," Riordan said, mentioning the Criterion in Bar Harbor, the Grand in Ellsworth, the Alamo in Bucksport and the Strand in Rockland as some other examples of early 20th century downtown theaters that remain relevant along the coast. "Now all are multifunctional spaces and performance hubs," he said. "We do need these kinds of gathering spaces. They can include music and dance and lectures."

MPBN Reports on Launch of Lifelong Learning Initiative

26 Jun 2015

The [Maine Public Broadcasting Network](#) covered the launch of Maine State of Learning, a statewide effort supporting learning and skill-building to ensure growth, empowerment and success for all Maine residents. The project is fueled by public and private partnerships across the state to provide more learning opportunities to Maine residents of all ages; recognize that learning through digital badges; and connect it to statewide proficiency standards, career pathways and personal goals. The University of Maine is a founding partner of the initiative along with Breakwater Learning, Maine Afterschool Network, Badge Labs, Gulf of Maine Research Institute and Educate Maine. Jay Collier, Educate Maine program director, said the effort will allow learners to collect digital badges at a number of locations around the state, including after school programs and camps, according to the report. The badges are designed to serve as verifiable records of learning. Participants can earn three digital badges in the UMaine 4-H STEM Ambassador program.

Crittenden Writes Op-Ed on Aging Research for BDN

26 Jun 2015

The [Bangor Daily News](#) published the opinion piece, “A tech-friendly future for seniors: From ‘smart homes’ to an app that lets you read to your grandchildren remotely” by Jennifer Crittenden, assistant director of the University of Maine Center on Aging. UMaine has recently designated aging as an emerging area of excellence, Crittenden wrote, adding the designation will stimulate the development of cutting-edge aging-in-place technologies in Maine. Crittenden is a member of the Maine chapter of the Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members’ columns appear in the BDN every other week.

Garder Quoted in AP Article on Maine Commuting Times

26 Jun 2015

Per Garder, a civil engineering professor at the University of Maine, was quoted in an Associated Press article about commuting times in Maine’s largest metropolitan area. Workers in the Portland-South Portland area enjoy shorter commuting times than the national average despite the area’s status as an employment hub for the state, according to the article. Commuters in the area spent an average of 24.1 minutes getting to work in 2013, slightly less than the national average of 25.8 minutes, the article states. About three-fourths of Maine’s workforce commutes alone by car, and because Maine has few major employers and they aren’t concentrated in one city, many workers commute long distances every day. “We have seen the same trend as the rest of the U.S. — that people are moving out of the service centers and living not only in nearby suburban municipalities but even ex-urban places 30 minutes away or so,” Garder said. “Workplaces on the other hand seem to be concentrating to the traditional urban centers.” [Fosters.com](#), Sun Journal and the [Portland Press Herald](#) carried the AP report.

SMART Institute Featured on WABI

26 Jun 2015

WABI (Channel 5) reported on the University of Maine’s Stormwater Management Research Team (SMART) Institute, a three-day program that focuses on creating innovative solutions to environmental problems related to stormwater management. About 100 students and teacher from high schools around the state participated in the program that aims to engage a diverse group of students and teachers in training for the implementation of science, technology, engineering and mathematics (STEM) in their schools while addressing an important environmental issue. Throughout the conference, students took part in hands-on projects led by STEM professionals in areas such as engineering design, science, computer modeling and information technology to monitor and map water quality. “It’s really cool because we are actually doing something that will affect our community. To be part of something that is groundbreaking and going to make a difference,” said Sarah Montenbeau, a junior at Traip Academy in Kittery. Cary James, chairman of the science department at Bangor High School, said students are learning about a variety of topics, including science and engineering, technology, and mathematics. “Someone made the comment yesterday that they’re used to being lectured, and this is as far as you can get from that,” James said. On Wednesday, students took water samples from the Stillwater River, WABI reported. “And we’re analyzing whether it’s healthy to drink; whether it’s healthy for fish to live in,” said Takquan Parks, a senior at Bangor High School.

Student Awarded 2015 Next Step Maine Employee of Promise Scholarship

29 Jun 2015

University of Maine student Stephanie Griffin was awarded a 2015 Next Step Maine Employee of Promise Scholarship. Griffin, who is pursuing a bachelor’s degree, is the account manager assistant at Allen Insurance and Financial in Camden, Maine. The goal of the Next Step Maine Scholarship Program is to support and recognize working adults who are attending school while juggling jobs, families and other responsibilities. The third annual event included 12 scholarship award recipients from 11 Maine employers, according to a Maine Development Foundation press release. Scholarship amounts ranged from \$500 to \$2,300. Scholarship recipients were nominated by their employers who are

part of the Next Step Maine Employers' Initiative. The initiative is a statewide network of 245 Maine employers committed to the skill development and educational advancement of their employees. Fifteen higher education partners are involved statewide, along with local and regional support providers, the release states. The full MDF release is online. More about the Next Step Maine Scholarship, including awardee profiles, are on the organization's website.

Sun Journal Reports on Maine Government Summer Internship Program

29 Jun 2015

The [Sun Journal](#) reported on students from the Lewiston-Auburn area who are taking part in the 2015 Maine Government Summer Internship Program. The program, which began May 26, has 34 college students interning in various state agencies. The Margaret Chase Smith Policy Center at the University of Maine administers the full-time, 12-week, paid work experience. Students' majors include political science, economics, engineering and environmental science. Most study at in-state colleges and universities, while others are Maine residents pursuing their education out of state.

Marcinkowski Quoted in Press Herald Article on Portland Business

29 Jun 2015

David Marcinkowski, a dairy expert with the University of Maine Cooperative Extension and animal and veterinary science professor in the School of Food and Agriculture, was quoted in a [Portland Press Herald](#) article about Portland business ImmuCell Corp. The company, which develops products to prevent and treat diseases among dairy and beef cattle, recently completed its most profitable quarter in 12 years in part because of harsh environmental conditions faced by cattle ranchers in the West, according to the article. Dairy farmers generally bring feed to their cows, which becomes expensive when farmers need to truck in hay from other locations, Marcinkowski said. As a result, the price of milk hit a record high in mid-2014 before dropping down because of overproduction, he said. In the beef and dairy industries, the price of a calf increased 40 percent from 2012 to 2014, according to the U.S. Department of Agriculture. Now that herds are expanding again in some states, prices should begin to normalize, the article states. However, Marcinkowski said it is a long process that could take four or five years.

Media Advance Darling Marine Center Anniversary Events

29 Jun 2015

[Wiscasset Newspaper](#) and [Boothbay Register](#) reported the University of Maine's Darling Marine Center in Walpole will celebrate its 50th anniversary with summer events including Wednesday Walking Tours, Science on Tap Seminars and an open house. From July 1 through Aug. 19, visitors are invited on Wednesday mornings for a walking tour of the center's waterfront laboratories, according to the article. The 90-minute tours will highlight current research projects focusing on lobster ecology and fisheries management, shellfish aquaculture, remote sensing, coastal food webs, and ocean acidification, the article states. The first Science on Tap Seminar will be presented by UMaine marine scientist Bob Steneck on July 8. The open house on Aug. 8 will feature activities for all ages to introduce visitors to the plants and animals that share the shore and learn about marine research tools and technology, the article states.

Press Herald Interviews Marrs About Parents Paying Higher Education Costs

29 Jun 2015

The [Portland Press Herald](#) spoke with Gianna Marrs, director of student financial aid at the University of Maine, for the article "In many Maine households, parents shoulder high costs of college." According to Sallie Mae, the nation's largest private education lender, two-thirds of parents help pay for college, while the average amount saved in advance by parents is only \$10,400, the article states. Marrs told the Press Herald her office receives the most calls in March, April and May, as parents seek help calculating costs and explore borrowing options. "We're not being a good nation of savers, whether it's for retirement or our children's college education," she said. "That really puts pressure on students

to pay their own way through college.”

BDN Speaks with Miller About Crowdfunding for Health Care

29 Jun 2015

Jessica Miller, a clinical bioethicist at Eastern Maine Medical Center and chair of the Philosophy Department at the University of Maine, was quoted in the [Bangor Daily News](#) article “Should the Internet pay for your health care? Maine kidney surgery raises ethical quandary.” A 24-year-old South Portland mother who used an online crowdfunding campaign to cover her kidney transplant raised nearly \$50,000, eight times the amount sought, according to the article. Royles’ transplant surgery was delayed because the hospital was leery of federal regulations that prohibit individuals from profiting off the donation of an organ, the article states. Miller said online campaigns for medical care raise a unique set of issues. “The spaghetti supper draws on community relationships and community identity,” Miller said. “The GoFundMe, the Indigogo, the YouCaring [sites] draw on strangers. It’s almost like you have to fill in your own gaps. In your mind, what is a deserving patient? There’s no context,” Miller said, adding the gaps leave room for morally loaded judgements. “It rewards the perfect patient,” she said. “The cute child with cancer might be more likely to have their campaign funded than, say, a woman who has a campaign to obtain an abortion.”

Yarborough Quoted in AP Article on June Rain

29 Jun 2015

David Yarborough, a blueberry specialist with the University of Maine Cooperative Extension and professor in the School of Food and Agriculture, was quoted in an Associated Press article about the abundance of rain in June and how it has affected Maine farmers. The rain has saturated some low-lying crops, made fields too muddy for farm machinery and delayed the first cutting of hay in some parts of northern New England, according to the article. Yarborough said wild blueberry growers needed rain after a dry spring, but the timing of the rain and cooler weather prevented maximum pollination, potentially reducing the crop’s size. The [Portland Press Herald](#), Times Union and [The Caledonian-Record](#) carried the AP report.

Advanced Structures and Composites Center, Lopez-Anido Cited in MaineBiz Article

29 Jun 2015

[MaineBiz](#) mentioned the University of Maine’s Advanced Structures and Composites Center in an article about Brunswick-based Harbor Technologies Inc. which creates hybrid composite beams for bridge construction. The company works with research facilities including the UMaine Composites Center for testing, according to the article. Roberto Lopez-Anido, a civil engineering professor at UMaine, said he has seen the lab grow from nothing when he first arrived on campus 17 years ago to a world-class accredited testing facility whose industry clients range from Fortune 500 companies to startup firms developing innovative products and processes, the article states. Lopez-Anido said the center provides a valuable service to Harbor Technologies and other Maine composites companies. “Our mission is to support industry in this region, to help them get products into the market,” he said. “We’re also training students to get proficient in working with these products so that they have the skills to work at these Maine companies after they graduate.”

Former UMaine Field Hockey Player to Compete in Olympic Qualifying Tournament

30 Jun 2015

University of Maine graduate and former field hockey standout Holly Stewart will compete at the 2015 Pan American Games, a qualifying tournament for the 2016 Olympic Games. Stewart of North Vancouver, British Columbia was one of 16 women selected to the Canadian field hockey team that will compete in the Toronto tournament from July 10–26. The winner of the Pan American Games will earn a spot at next year’s summer Olympics in Rio de Janeiro, Brazil. Stewart wrapped up her UMaine career this past fall. Earlier in June, she was named the [2015 America East Woman of the Year](#).

Maine Edge Advances July Shows at Emera Astronomy Center

30 Jun 2015

[The Maine Edge](#) reported on scheduled public star shows in July at the University of Maine's Emera Astronomy Center. The Maynard F. Jordan Planetarium shows are held 7 p.m. Fridays and 2 p.m. Sundays. Additional shows at 11 a.m. Tuesdays and Thursdays will run throughout the summer. Friday nights in July feature "Astronaut" and Sunday afternoons feature "Magic Tree House: Space Mission," for younger sky watchers. "Secret of the Cardboard Rocket" will be shown on Tuesdays, with "Cosmic Journey" on Thursdays. Admission to all shows is \$6, and seating is limited.

Fogler Library Mentioned in Press Herald Article on Stephen King Manuscript

30 Jun 2015

The University of Maine was mentioned in a [Portland Press Herald](#) article about a manuscript by author and UMaine alumnus Stephen King. An Auburn bookstore manager believed he had the working version of a manuscript that eventually became "Under the Dome," a King novel that was turned into a TV series, according to the article. Marsha DeFilippo, King's assistant, said the manuscript is a copy and not an original, the article states. DeFilippo said King has donated many of his original papers to Fogler Library. "Most of it is already at the University of Maine," she said.

Weekly, Maine Edge Report on Researchers Studying Ice Age in Mongolia

30 Jun 2015

[The Weekly](#) and [The Maine Edge](#) published a University of Maine news release about scientists who traveled to Mongolia to learn about processes that launch Earth out of an ice age. Aaron Putnam, a research associate with UMaine's Climate Change Institute, is conducting glacial geology research with doctoral student Peter Strand. Fieldwork will include mapping and collecting samples of moraines and glacial geomorphologic features around Khoton Nuur. Strand and Putnam are blogging about their experiences during the monthlong trek, which is being done in collaboration with Mongolia University of Science and Technology.

Fernandez Cited in Press Herald Article on Climate Change Challenges

30 Jun 2015

Ivan Fernandez, a professor in the Climate Change Institute and School of Forest Resources at the University of Maine, was mentioned in the [Portland Press Herald](#) article, "Sea change: Challenge of climate change presents opportunity for new energy." The article focused on a recent Envision Maine event to discuss climate change and Maine's economy. More than 300 business owners, civic leaders and scientists attended the event which featured 30 presentations on the many threats associated with a warming climate, according to the article. Fernandez suggested the best response for dealing with climate change challenges is to multiply the ways residents creatively address interlinked economic and ecological challenges.

Archival UMaine Photo on Cover of College and Research Libraries News

30 Jun 2015

An archival University of Maine photograph of cows grazing in front of Carnegie Hall Library in the early 1900s is on the cover of the July issue of [College and Research Libraries News](#). Andrew Carnegie donated \$50,000 to construct Carnegie Hall as the campus library in 1907, according to the Association of College & Research Libraries publication. In 1947 the library moved to what is now the Raymond H. Fogler Library. The image is part of Fogler Library's [DigitalCommons](#) collections.

Low Named Chief Financial Officer for System, Media Report

30 Jun 2015

The [Bangor Daily News](#) and [Portland Press Herald](#) reported that Ryan Low, vice president of administration and finance at the University of Maine, will become the chief financial officer for the University of Maine System. The promotion is part of the system's move toward combining the financial management of the seven universities, according to the Press Herald. Low is tasked with overseeing the system's Unified Finance and Administrative Model, which trustees approved in May as part of Chancellor James Page's One University initiative, according to the BDN. Under that model, the system creates the budget and passes allocations down to campuses instead of campuses proposing their own budgets to the system, the BDN article states. "Ryan has the financial acumen, commitment to collaboration and credibility needed to unify our seven, siloed, financial systems into one seamless, statewide model," said Samuel Collins, UMS board of trustees chairman.

Hamlin discovers certain plastic bags leach nonylphenol in concentrations toxic to fish

01 Jul 2015

Ever buy a fish at a pet store that died within days of being put in an aquarium at home? The plastic bag in which the fish traveled home may be the culprit, according to research by University of Maine marine scientist Heather Hamlin. Hamlin and colleagues discovered that certain plastic bags with FDA food-grade approval leach nonylphenol (NP) in concentrations that are highly toxic to fish. The chemical NP — also found in food packaging, cosmetics and laundry and dish detergents — binds to estrogen receptors. Even at low concentrations, it mimics estrogen, which feminizes and alters fertility in fish, thus threatening their existence. NP also has been found to alter fish immune function and damage DNA. Hamlin's findings, published in the journal *Chemosphere*, demonstrate that NP may pose a greater health risk to people, the ocean and to aquatic wildlife than can be predicted from examining properties of plastic from one manufacturer, which is the method the FDA currently uses to test for toxicity. "This study contributes to the growing body of research highlighting concerns with plastic contaminants," says Hamlin, an assistant professor of aquaculture and marine biology. "While not all plastic is bad, this study highlights difficulties in differentiating good from bad plastic, and it makes sense to reduce the use of plastics if alternatives, such as glass, are available." For the study, for 48 hours, captive-bred orchid dottybacks (*Pseudochromis fridmani*) were kept in synthetic seawater in Teflon bags, glass bowls or in plastic bags from one of two manufacturers. The FDA labels both types of plastic bags as food-safe polyethylene. All of the fish in Teflon bags and glass bowls lived for the 48 hours, while 89 percent of the fish in one manufacturer's plastic bags survived, says Hamlin, a reproductive endocrinologist interested in mechanisms by which environmental factors influence aquatic animal reproduction and development. In the other manufacturer's plastic bags (PE2), 60 percent of the fish died within the two days. Those that survived 48 hours in the plastic bags all died within eight days of being released in an aquarium. This, says Hamlin, demonstrates the exposure to NP caused irreversible damage to the fish. In 48 hours, the NP concentration in the seawater in the PE2 bags was 163 parts per billion (ppb), which is nearly 24 times higher than the U.S. EPA water quality criteria for acute exposure of NP in seawater. While this study tested for the ability of NP to leach into seawater, Hamlin says it's possible that food stored in the PE2 plastic bags could absorb increased levels of NP as well and that it's likely that risks to aquatic animals exposed to increasing quantities of plastic waste could be greater than previously realized. In 2010, industry demand for NP was estimated to be more than 170,000 metric tons; another study estimated as many as 12.7 million metric tons of plastic waste entered the ocean in 2010. NPs, says Hamlin, enter aquatic systems through a number of ways, including wastewater discharge. Studies have indicated NP can last for decades in estuary mudflats. And one survey of 93 organic wastewater contaminants in 139 streams in the United States revealed NP was one of the most commonly occurring contaminants and measured at higher concentrations than other contaminants. Taking all of this into consideration, Hamlin says greater oversight on the manufacture of plastics and allowable thresholds of contaminant leaching is warranted. Kathleen Marciano, who earned her degree in marine science with a concentration in aquaculture in 2014 from UMaine; and Craig Downs of Haereticus Environmental Laboratory in Virginia, helped lead the study. Support for the project came, in part, from a Hatch Grant from the USDA National Institute of Food and Agriculture as well as from the U.S. National Oceanic and Atmospheric Administration Small Business Innovation Research. [Hamlin talks about her research in this video](#). Photo courtesy of Sea & Reef Aquaculture Contact: Beth Staples, 207.581.3777

UMaine Librarian receives Spotlight Award at ENnie Awards

01 Jul 2015

Cason Snow, metadata librarian/cataloger at the University of Maine was recently awarded a Judges' Spotlight Award for the 2015 ENnie Awards for his book "Dragons in the Stacks: A Teen Librarian's Guide to Tabletop Roleplaying." The book was published in 2014 by Libraries Unlimited and is a part of their Libraries Unlimited Professional Guides for Young Adult Librarians Series. The book explains why role playing games are so effective at holding teenagers' attention, identifies their specific benefits, outlines how to select and maintain a RPG collection, and demonstrates how they can enhance teen services and be used in teen programs. Detailed reviews of role-playing games are included as well, with pointers on their strengths, weaknesses and library applications. The Gen Con EN World RPG Awards (the "ENNies") are an annual fan-based celebration of excellence in tabletop roleplaying gaming. The Ennies give game designers, writers and artists the recognition they deserve. It is a people's' choice award, and the final winners are voted upon online by the gaming public. Snow is the author of several articles on role playing in libraries including "Playing with History: A Look at Video Games, World History, and Libraries;" "Tabletop Fantasy RPGs: Tips for Introducing Role-Playing Games in Your Library;" and "Dragons in the Stacks: An Introduction to Role-Playing Games and Their Value to Libraries." He received a master's degree in library and information science from the University of Wisconsin, Milwaukee and a master of arts degree in history from Northern Illinois University.

2015 UMaine Football TV Schedule Announced

01 Jul 2015

The University of Maine football team will have six of its contests broadcast on television throughout the 2015 season. Three games will be shown nationally under the league's television package and several will air on WVII-ABC 7 Bangor, the official Black Bear television affiliate. Maine's home opener against Rhode Island will kickoff at 3:30 p.m. Sept. 26 on the American Sports Network. The Black Bears homecoming showdown with Yale at 3:30 p.m. Oct. 17 will be shown locally on WVII. The following week, Maine will host Stony Brook on WVII, with kickoff set for 12:30 p.m. Oct. 24. On Oct. 31, the Black Bears will travel to Villanova for a nationally televised broadcast on the NBC Sports Network beginning at 7:30 p.m. Maine's final two home contests will close out the TV package for the Black Bears with the Nov. 7 date with Towson kicking off at 7 p.m. on the American Sports Network and on WVII at 12:30 p.m. Nov. 14 against Elon. The TV schedule is subject to change. All broadcasts on WVII also will be shown on WPME-Portland and Fox College Sports. Tickets to home Black Bear football games are available [online](#) or by calling the ticket office at 207.581.BEAR. More information, including the full 2015 UMaine football schedule is online.

Mount Desert Islander Reports on Wahle's Science Cafe Talk

01 Jul 2015

[Mount Desert Islander](#) reported Rick Wahle, a University of Maine research professor at the Darling Marine Center, addressed the first Mount Desert Island Biological Laboratory Science Cafe gathering in June at the Asticou Inn in Northeast Harbor. Wahle's talk covered the effects of ocean acidification, varying water temperatures and ocean current movement on the spread of lobster larvae and population, according to the article.

Kelly Quoted in Business Researcher Story

01 Jul 2015

Renee Kelly, director of economic development initiatives and co-director of the Foster Center for Student Innovation, was interviewed for a story in the June 22 issue of [SAGE Business Researcher](#) titled, "Should academic capitalism shape teaching and research?" The story explores the role of universities as engines of economic development, including the ethical questions regarding the potential of corporate funding "to harm the ability of faculty to teach and research freely." Leading the story are details about UMaine's partnership with Acadia Harvest in Brunswick, Maine, which Kelly describes as a win-win for the university, the startup and UMaine.

Gabe's Minimum Wage Increase Research Cited in BDN Article

01 Jul 2015

Research by Todd Gabe, an economics professor at the University of Maine, was mentioned in a [Bangor Daily News](#) article about Bangor City Councilor Joe Baldacci pushing forward a plan to raise the minimum wage in the city and tie future wage changes to inflation. If approved, Baldacci's ordinance would incrementally increase the minimum wage in Bangor, bumping the lowest paid workers to \$8.25 per hour in 2016, \$9 per hour in 2017, and \$9.75 per hour in 2018, according to the article. Gabe's research found raising the minimum wage from \$7.50 to \$8.25 per hour would impact 7 percent of workers in the Bangor metropolitan statistical area, the article states. At \$9 per hour, 12 percent of the workforce would be affected, and at \$9.75 per hour, 18 percent would see an increase, Gabe determined.

Las Vegas Informer Publishes Q&A with Allen

01 Jul 2015

Doug Allen, a philosophy professor at the University of Maine, was interviewed by the [Las Vegas Informer](#) for the article "Long distance running: An interview with veteran peace activist Doug Allen." When Allen, now 74 years old, arrived at UMaine in 1974, he helped found the Maine Peace Action Committee which is still going strong today, according to the article. Allen's also a long-distance runner who runs five days a week, the article states.

WVII Covers Sustainable Energy Leaders of the Future Institute

01 Jul 2015

WVII (Channel 7) reported 13 female students from high schools around the state are spending a week participating in Sustainable Energy Leaders of the Future (SELF) at the University of Maine. The SELF Institute is a residential program that connects Maine girls from rural high schools to STEM careers through research, mentoring and community service in forest bioproducts. The group spent their week learning about different sustainable and renewable energy methods including hydrogen fuel cells, solar power, wind power, and exploring Maine's available resources through field trips, according to the report. "Surrounding them with a bunch of girls that are also interested in it might encourage them that yeah there are more females that are actually interested in science and math and can do it; do it just as well if not better than a lot of the guys," said Lindsey Smith, SELF camp counselor.

Graduate student to be guest on MPBN's 'Maine Calling'

01 Jul 2015

Skylar Bayer, a graduate student at the University of Maine Darling Marine Center, will talk about storytelling on the [Maine Public Broadcasting Network's](#) "Maine Calling" radio show at noon Thursday, July 2. Bayer studies scallop reproduction and the sustainability of the scallop fishery in the Gulf of Maine. She also enjoys storytelling and recognizes it as an important tool for scientists. "We need to be able to do more than communicate our findings to other scientists," Bayer says. "We must be able to share our science with anyone. Scientists are people, too, and science affects all of us." After Bayer shared a story about calling her father from the submersible Alvin on the science podcast "The Story Collider," she became a producer for the program. Bayer also edits and writes for the [StrictlyFishwrap](#) blog, which she created to give graduate students an opportunity to practice their writing skills and share anecdotes about conducting research and job hunting. In 2013, she appeared on "The Colbert Report."

Make dilly beans at UMaine Extension workshop

02 Jul 2015

Learn to make dilly beans at the University of Maine Cooperative Extension Preserving the Harvest workshop 5:30–8:30 p.m. Tuesday, July 21, at the UMaine Extension office, 24 Main St., Lisbon Falls. Extension food preservation staff member Kate McCarty will lead the workshop, which features hands-on, USDA-recommended food preservation methods, including hot water bath canning. Participants can take home the dilly beans they make. Fresh produce,

canning jars and other canning equipment will be provided. Participants should bring a pot holder. Cost is \$20 per person; partial scholarships are available. Register [online](#) by July 13. For more information, or to request a disability accommodation, call 353.5550 or 800.287.1458 (toll-free in Maine).

Press Herald publishes op-ed by Peterson

02 Jul 2015

The [Portland Press Herald](#) published the opinion piece “Public higher education cuts threaten class mobility, UMaine professor says,” by Mick Peterson, a professor of mechanical engineering at the University of Maine.

BDN reports on UMaine football’s 2015 TV schedule

02 Jul 2015

The [Bangor Daily News](#) reported the University of Maine football team will have six of its contests broadcast on television throughout the 2015 season. Three games will be shown nationally under the league’s television package and several will air on WVII-ABC 7 Bangor, the official Black Bear television affiliate. All broadcasts on WVII also will be shown on WPME-Portland and Fox College Sports. More information, including the full 2015 UMaine football schedule is online.

Comins speaks about space on MPBN’s ‘Maine Calling’

02 Jul 2015

Neil Comins, a University of Maine professor of physics and astronomy, was a recent guest on the [Maine Public Broadcasting Network](#)’s “Maine Calling” radio show. The show, titled “News out of NASA,” focused on the latest NASA projects including the New Horizons mission as it closes in on Pluto after a 3 billion mile journey from Earth.

Lexicon of sustainability exhibit now in Brewer

02 Jul 2015

The next Lexicon of Sustainability pop-up art show, sponsored by the University of Maine Office of Sustainability, is on display at Tiller & Rye, 20 South Main St., Brewer. The exhibition, part of a national effort, is designed to spur community dialogue to help strengthen local food systems. Most recently, it was on display as part of the Bangor Artwalk. The Lexicon of Sustainability, founded in 2009 by farmers and filmmakers Douglas Gayeton and Laura Howard-Gayeton, focuses on sharing stories that explain sustainability. Lexicon uses information artworks, pop-up shows, street art, short films series and other formats to educate and engage people to pay closer attention to how they eat, what they buy and where their responsibility begins for creating a healthier, safer food system in America. Nearly 200 leaders in food and farming from across the country have shared their experiences as part of Lexicon of Sustainability. Annually, Lexicon offers 100 artwork sets to curators. The UMaine Office of Sustainability and the other 2015 curators each will organize at least five pop-up art shows that involve local communities, then will act as lending libraries to schools and community groups. At UMaine, the Sustainability Office is collaborating in its shows with the Humanities Center and the Innovative Media Research and Commercialization Center (IMRC).

UMaine researchers adapt DNA method to detect invasive fishes in Maine waters

06 Jul 2015

Detecting invasive lake and river species using just a water sample would be a dream come true for wildlife managers and regulators in the state. And University of Maine researchers may soon make this an inexpensive reality. Michael Kinnison, professor of evolutionary applications at the University of Maine, realized the need for an early invasive species detection system that would be more sensitive, require less specialized training and labor by field staff, present little to no threat to non-targeted species, and could be implemented at a fraction of the cost of current detection

approaches. The method now typically used for detecting the presence of invasive species is word of mouth from anglers and other concerned members of the public, followed by many hours of netting, angling and electrofishing by state biologists, says Kinnison. Many times, reports go unverified until fish are abundant enough to be regularly caught. Current methods also are unlikely to detect the presence of invasive juveniles before they are large enough to be caught by anglers and biologists. Kinnison is leading a project to adapt emerging environmental DNA (eDNA) approaches to detect the presence of invasive species, and other aquatic species, in Maine waters. Environmental DNA detection targets species-specific DNA material shed by aquatic organisms when they die, defecate or shed skin cells. That DNA can last up to several weeks in surrounding waters and be detected in water samples. The pilot portion of this project, funded by the Maine Outdoor Heritage Fund, includes use of water samples to describe the extent of invasive northern pike, *Esox lucius*, in the Penobscot River system. “This technology has the potential to greatly enhance detection of many aquatic species by providing a much more sensitive and cost-effective approach than current field survey approaches,” he says. According to the Maine Inland Fisheries & Wildlife Department, Northern Pike was illegally introduced into the Belgrade Chain of Lakes in the 1970s. Today, they are present in at least 16 lakes in the Kennebec, Androscoggin, and coastal river drainages and are suspected in several other locations. Managers have traced the introduction of species such as pike from illegal transport or by out-migration from lakes where they have become established. Because pike are top predators, their introduction negatively impacts the state’s prized salmon populations. Kinnison and ecology and environmental science graduate student Lauren Turinetti refined a quantitative polymerase chain reaction (PCR) primer set, and fluorescent DNA binding probe, to detect a short but unique sequence of the northern pike DNA. The PCR amplification system turns a few original copies of pike DNA in a water sample into billions, and the fluorescent probe signals how many copies are made. Using this technique they have successfully detected pike DNA in water samples collected from Pushaw Lake in Penobscot County, Maine. The water samples they used were no bigger than a normal soda bottle (1 liter). They’re now working to refine their field sampling and detection approaches to implement a wider-scale survey for pike in the Penobscot drainage. By collecting water samples throughout the drainage the investigators hope to obtain a snapshot of how far pike have spread in places where dam removals, passage projects and repairs have improved migration of anadromous species — but also may have inadvertently opened the door to pike, says Kinnison. Further funding by the U.S. Fish & Wildlife Service State Wildlife Grants Program via the Maine Department of Inland Fisheries and Wildlife will allow Kinnison to expand this technique to other species of special concern, including imperiled native species. This relatively quick and inexpensive method could help Maine combat its invasive species crisis and help managers more efficiently apply their limited resources to a diversity of conservation challenges, saving valuable resources for management of invasions from the start rather than detecting them when they’re already established. The most widely referenced paper (Pimental et al. 2005) on this issue reports that invasive species costs the United States more than \$120 billion in damages every year, according to the U.S. Fish and Wildlife service. Invasive species are also a leading cause contributing to the demise of many threatened or endangered species. The U.S. Army Corps of Engineers has adopted eDNA early detection as a core component of its invasive Asian carp monitoring program in the Great Lakes region. In 2010 alone, the federal government spent \$78.5 million to prevent the introduction of carp to the Great Lakes, where they would threaten Great Lakes fisheries and endangered aquatic species. In the future, the researchers hope to fine tune the method so it will not only determine the presence of multiple species, but also abundance. “Right now we are using quantitative PCR to detect single species, but with the developments that are occurring, we are probably not that far down the road from being able to detect and estimate the abundance of numerous species within the same water samples,” says Kinnison. Contact: Amanda Clark, 207.581.3721

Darling Marine Center celebrating 50 years

06 Jul 2015

The Darling Marine Center, located on the edge of the Damariscotta River estuary, is celebrating its 50th anniversary. The center was opened in 1965 after Ira C. Darling, a retired Chicago insurance executive, donated 127 acres of farmland to the University of Maine with the purpose of establishing a marine laboratory. Today, 50 people occupy the center year-round, including faculty, staff and students. The center invites alumni and members of the community to celebrate its half-century birthday with events, tours and seminars. To kick off the celebrations, the center will host “Wednesday Walking Tours” which will run for the months of July and August at 10:30 a.m. at the DMC. Staff will give a walking tour of their waterfront laboratories and speak about current research projects focusing on lobster ecology and fisheries management, shellfish aquaculture, remote sensing, coastal food webs and ocean acidification.

The tour is open to the public and will last approximately 90 minutes. Four talks will follow as part of the “Science on Tap Seminar” series, which will take place from 6–7 p.m. at the Newcastle Publick House. The following describes the focus of each talk:

- July 8: “Some lasting effects of fisheries on Maine’s hidden kelp forests” *Bob Steneck, School of Marine Sciences and Darling Marine Center*
- July 15: “Spying on our oceans with satellites and robots” *Mary Jane Perry, interim director, Darling Marine Center*
- July 22: “Shellfish aquaculture: Job creation, tasty bivalves and some cool science too” *Carter Newell, Pemaquid Oyster Company, Pemaquid Mussel Farms*
- July 29: “Darling worms: A rich legacy of polychaete research” *Pete Jumars, School of Marine Sciences and Darling Marine Center*

Additional events include an Alumni Day on Thursday, Aug. 6 which will feature a Damariscotta River cruise, lobster bake and campfire entertainment. The following day, the center will host a UMaine Celebration Day. These two events are by invitation only and participants should register by July 24 at dmc.umaine.edu. The final event — Darling Marine Center Open House — will consist of activities for all ages and will take place from 10 a.m. to 2 p.m. Aug. 8. Staff will lead participants throughout the facilities to meet the plants and animals that share Maine’s shores and learn the tools and techniques used in the field of marine science. Contact: Amanda Clark, 207.581.3721

Interview with UMaine historian part of re-release of ‘Breaker Morant’

06 Jul 2015

An interview with University of Maine history professor Stephen Miller about the Boer War is part of a 35th anniversary edition of “Breaker Morant,” the 1980 film about the court-martial of three Australian army lieutenants for alleged war crimes in South Africa. The film, based on true events, was directed by Bruce Beresford and starred Edward Woodward, Bryan Brown and Jack Thompson. The anniversary edition by The Criterion Collection includes new interviews with Beresford, Brown and cinematographer Donald McAlpine. A Criterion film crew came to UMaine to tape an interview with Miller, chair of the History Department, whose internationally recognized research focuses on the British Empire, military history and South Africa. Information about the re-release of the film is [online](#).

Current UMMA exhibits featured in BDN article

06 Jul 2015

The [Bangor Daily News](#) reported on current exhibitions at the University of Maine Museum of Art in downtown Bangor. The exhibits, which run through Sept. 19, include Niho Kozuru’s “Inter/Dimension,” Anna Helper’s “Blind Spot,” and “With Ties to Maine,” a collection of Maine-related art celebrating the 150th anniversary of UMaine. Kozuru’s exhibit features vibrantly colored translucent cast-rubber sculptures, according to the article. Helper’s pieces include wire sculptures that cast shadows on the wall and prints created by wood carved and scratched to resemble animal patterns, the article states. George Kinghorn, director and curator of the museum, said each of the pieces selected for “With Ties to Maine” was created by artists who have contributed to Maine’s “rich and diverse artistic history.”

Graduate student speaks about storytelling on MPBN’s ‘Maine Calling’

06 Jul 2015

Skylar Bayer, a graduate student at the University of Maine Darling Marine Center, was a recent guest on the [Maine Public Broadcasting Network](#)’s “Maine Calling” radio show. The show, titled “The Art of Storytelling,” focused on what it takes to tell a good tale. Bayer studies scallop reproduction and the sustainability of the scallop fishery in the Gulf of Maine. She also enjoys storytelling and recognizes it as an important tool for scientists. Bayer has been a producer for “The Story Collider” since 2014, edits and writes for the [StrictlyFishwrap](#) blog, and was featured on “The Colbert Report” in 2013.

WABI interviews Riordan about history of Independence Day

06 Jul 2015

[WABI](#) (Channel 5) spoke with University of Maine history professor Liam Riordan for the report, “Separating Fourth of July fact from fiction.” Riordan said there are some “interesting wrinkles” about when we think about the start of the United States. He said the key vote by the Continental Congress to approve a resolution of independence was made on July 2, and the delegates voted in favor of Thomas Jefferson’s revised draft of the Declaration of Independence on July 4. Riordan also said the signing of the document wasn’t done all at once by the delegates, and that it took weeks, months or possibly years. “I think it’s wonderful that this significant political moment from over two centuries ago remains central to the way we think about our lives as Americans, even if not everyone might not remember that the reason we celebrate July 4, 1776 is because of the Declaration of Independence,” Riordan said.

SMART Institute mentioned in BDN article on Bangor teen

06 Jul 2015

The [Bangor Daily News](#) mentioned the University of Maine’s Stormwater Management Research Team (SMART) Institute in an article about Paige Brown, a 16-year-old Bangor High School student and program participant. Brown also delivered the keynote address at the three-day program that focused on creating innovative solutions to environmental problems related to stormwater management. Brown is the winner of the Maine Stockholm Junior Water Prize, a prestigious youth award for a water-related science project, and will represent Maine at this year’s national competition in Washington, D.C. Mohamad Musavi, associate dean of engineering at UMaine and one of the program’s organizers, spoke to the BDN about SMART. He said students in the program are expected to take what they learn back to their communities to continue studying stormwater issues and work with officials. “This is not like any other camp. This is just the beginning of the process for these students, and they’re going to be engaged in this for the entire year,” Musavi said.

Media publish marriage equality op-ed by Fried, Glover

06 Jul 2015

The [Bangor Daily News](#) published the opinion piece, “How Maine showed marriage means the same to everyone,” by Amy Fried and Robert Glover, political science professors at the University of Maine and members of the Scholars Strategy Network. The piece originally appeared on [Talking Points Memo](#).

Maine magazine names Mayewski a bold visionary

06 Jul 2015

Paul Mayewski has been named one of the 50 bold visionaries defining the state in the July issue of [Maine](#) magazine. The director of the Climate Change Institute at the University of Maine was included in the third annual list for his four decades of exploration aimed at understanding “why and how the climate is changing so that society can be prepared for adaptation and sustainability.” Mayewski, who has conducted research in Antarctica, the Arctic, Himalayas, Tibetan Plateau, Tierra del Fuego and the Andes, has earned a number of awards for his research, including the inaugural International Medal for Excellence in Antarctic Research and the International Glaciological Society Seligman Crystal. His findings have been published in more than 350 scientific journals; two of his most popular books are “The Ice Chronicles: The Quest to Understand Global Climate Change” with Frank White and “Journey Into Climate: Adventure, Exploration, and the Unmasking of Human Innocence.” Mayewski also was highlighted in Showtime’s Emmy Award-winning series “Years of Living Dangerously.”

Media report on toxic chemicals found in plastic bags that affect fish

06 Jul 2015

WLBZ (Channel 2) and the Associated Press reported University of Maine marine scientist Heather Hamlin and colleagues discovered that certain plastic bags with FDA food-grade approval leach nonylphenol (NP) in concentrations that are highly toxic to fish. The researchers found one type of bag commonly used to transport fish home from pet stores released NP into the water that the fish would ingest, according to the WLBZ report. The researchers said that in a little more than a week, the fish died, the report states. “In this one particular bag with this one particular manufacturer it was not safe, so it’s something in the manufacturing process,” Hamlin told WLBZ. “So if you went to buy this particular bag off the shelf it would be labeled identically to other bags but it just happens to be highly unsafe.” [The Washington Times](#), [Fosters.com](#), [CBS Boston](#) and WABI (Channel 5) carried the AP report. [Phys.org](#) published the UMaine release.

Marissa Bovie: Archaeological Researcher

06 Jul 2015

Marissa Bovie, a double major in anthropology and Earth science at the University of Maine, traveled to Croatia in 2014 as part of a team to help build a collaborative network of colleagues from different fields in relation to an archaeological study on urban transformation and landscape change along the Adriatic Sea. This summer, Bovie returned to Croatia as a research assistant with Gregory Zaro, an associate professor and chair of the Department of Anthropology, as well as researchers from the University of Zadar, Croatia, and students from both the University of Zadar and UMaine. The majority of UMaine student participation comes through an archaeological field school and travel course directed by Zaro. Eleven students were enrolled in the course that ran from May 15 to June 11. The excavation, which is funded by the National Geographic Society, is the next phase in building a long-term program of study concerning human society, environment and climate in the eastern Adriatic region. The initiative to study at the Nadin archaeological site grew out of Zaro’s Fulbright experience at the University of Zadar in 2013. The project work will generate archaeological data related to urban form, spatial organization, economy, subsistence and environment from the site’s inception in the Iron Age. The project also will work to more precisely delineate the site’s chronology, an essential prerequisite to articulating changes in urban form with broader changes in landscape and environment. Bovie of Vassalboro, Maine expects to graduate in May 2016. **Describe your trip to Croatia in 2014 and your related research:** I traveled to Croatia in 2014 with Dr. Zaro and with the help of the Center for Undergraduate Research to lay the groundwork for an international, multidisciplinary archaeological project investigating human agency in landscape change over time. This research focuses on the Zadar region of Croatia, along the Adriatic coast. My role in the project was to assist in the creation of this team and begin preliminary archaeological research. The project will utilize the knowledge from a variety of academic disciplines — from archaeology to geology to paleobotany. While in Croatia, I met with academic professionals to gain their insight into the project and to connect the different disciplines together into a multidisciplinary team; something crucial for this type of research. I also spent time working with students from the University of Zadar at the field school the university hosts for their archaeology students. This allowed me to gain more experience with the types of objects and artifacts we could encounter in our own research. **What was your favorite part of the trip?** In all, my favorite part of the trip last summer was being able to experience a different culture with such a long history. It was crazy for me to be able to walk down the street and see a church built in the 1100s or to encounter a piece of medieval pottery on the work site and have the other students be nonplused by its age. This span of history is something that is not immediately present in the everyday life of the United States, particularly in cities, and was an experience I don’t think I will ever forget. **What was the most important thing you learned on the trip?** The most important thing I learned over the course of that trip was that things do not go according to plan. When we originally planned the collaborative portion of our meetings with Croatian academics, we planned to host talks at the beginning and end of the trip, with a presentation and ample time for open dialogue between those in attendance. However, when we implemented this at the first meeting, it didn’t really provide the outpouring of ideas that we had hoped it would. It would have been easy to feel defeated with that, but we soon found that having individual meetings with those same individuals provided a lot more open discussion and helpful information and ideas for building our research. Particularly when it comes to working internationally, I found that being flexible with even the best laid plans allows for adjustment for cultural and academic differences and an overall better outcome. **Can you talk about how this year’s trip differs from the last? What made you want to return?** This year I am returning to Croatia in a research capacity. Last summer was all about the setup of this project; setting up the framework that would allow it to succeed. This year we are actually breaking ground and beginning excavation. We will be digging at a site called Nadin near Zadar, Croatia. The site has been occupied from the Iron Age to Roman colonization and was eventually a Turkish fort. This summer will be my chance to be part of this archaeological dig. Since it’s looking at human agency in

landscape and environmental change, this dig is of particular interest to me as it combines both of my majors, Earth science and anthropology, into one project. I wanted to return to be a part of it and gain experience in the field. **How would you describe Croatia to a Mainer?** The best way to describe Croatia to a Mainer would be sunshine and history. I think it rained maybe two of the days I was there last summer and I was always surrounded by culture and history. I got lucky last year and was living right in the heart of the old town of Zadar. It's a Mediterranean climate and Zadar is right near the coast, so in all it's very beautiful. **Why did you choose your majors?** Getting a dual degree in Earth sciences and anthropology may not be the first thing that pops into someone's head when it comes to picking a major, but for me it just made sense and the programs are more complementary than most people realize. I've always been interested in the world around me as a child and used to like to collect rocks. At the same time, I've always been interested in people; in how they are different and what they were like in the past, even the past we don't have writing for. This dual degree seemed to be the best of both worlds. **Why UMaine?** I chose the University of Maine because it was a school that offered what I knew I was interested in and the flexibility to do both. Not every school has both Earth science and anthropology programs, and not every school has the ability to let you pursue both at the same time. The University of Maine provided me that wonderful opportunity. **Beyond academics, what extracurricular activities occupy your time?** This past year I was a resident assistant here on campus, but I've also been part of the Maine Learning Assistant program for both the Mathematics and Earth Science departments. I am also part of Mainely Voices, a coed a cappella group here on campus. **Have you worked closely with a professor or mentor who made your UMaine experience better?** I've worked with several individuals that have helped make my experience here better. Dr. Gregory Zaro, with whom I am working on this project in Croatia, has provided me with the chance to be involved with this unique opportunity as an undergraduate. Not many undergrads get the chance to be part of the construction of an archaeological dig from the ground up. Without Dr. Zaro, I wouldn't have had this amazing opportunity. My adviser in the Earth Sciences Department, Alice Kelley, also has been someone who has shaped my experience here at the University of Maine. She has always helped by providing advice to get me to where I wanted to go next on my academic journey and pushed me to get involved. She also has been very active in calling various opportunities — both on campus and off — to my attention. I am so very grateful to them both. **What difference has UMaine made in your life and in helping you reach your goals?** The University of Maine has helped me reach my goals by providing opportunities for me to learn new things, to be involved — both academically and nonacademically — and to gain experience in my fields of study. Being here has allowed me to meet academic professionals and people in general that I wouldn't have met anywhere else and provided a strong community to help me feel supported. All the opportunities at the University of Maine have helped me grow as an individual, and the people here have always encouraged me to reach my full potential. **What are your plans for after graduation?** After graduation, I plan to take a few years off to work before attending graduate school for Earth sciences. I haven't decided where yet or exactly what I will be focusing on, but I'm looking to get some real-world experience to help put graduate school in perspective.

Maggie Halfman: Antarctic Adventurer

06 Jul 2015

When Maggie Halfman, a fourth-year marine science student, hears the word “Antarctica,” her imagination runs wild with images of the place she has yet to experience. The thick blanket of ice that covers the continent, which comprises one-tenth of the planet's land surface. The whistling wind that dances across the expansive ice-filled landscape, echoing off the towering glacial cliffs. The smell of the salty, sapphire ocean scattered with icebergs. The cold on her cheeks. As Halfman enters her final undergraduate year at the University of Maine, she won't be buying textbooks as usual. Instead, she'll be purchasing long underwear, wool socks and sea-sickness medicine (just in case). In October, Halfman and several other researchers will board a cruise ship in Punta Arenas, Chile that will head 837 miles south to Palmer Station — one of three United States research stations on the continent — located on the Western Antarctic Peninsula. Here, Halfman will conduct an independent research project and assist Jay Lunden, a School of Marine Science postdoctoral investigator, with his project exploring the impact warming ocean temperatures have on the development of cold-water coral larvae. “I was pretty taken aback when I found out I would be going to Antarctica, and I don't think it will fully hit me until I am actually there,” says Halfman, who hails from Fond du Lac, Wisconsin, and was drawn to the University of Maine for its beautiful landscape and nationally recognized marine science program. The research station they will be traveling to contains a biology laboratory, research facilities, two main buildings and housing for researchers. Offering year-round accommodations, the station supports 20 people in the winter and as many as 44 in austral summer. Until she departs, Halfman will be conducting research at the Darling Marine Center in Walpole, Maine.

for Rhian Waller, professor of marine science. Halfman's interest in climate change research was sparked during high school and steadily grew as she progressed in her undergraduate career with a major in marine science and a concentration in physical science. Her project is looking at how water masses are changing around the Western Antarctic peninsula using both oceanographic and biological analysis. By looking at CTD transects — conductivity, temperature and depth — from the past five years, she hopes to determine how temperatures vary in the area of Antarctica experiencing the greatest rate of basal melting. "It's important to understand how the oceans are changing, what the potential repercussions of climate change might be, and how we can and should act in order to minimize disturbances, which could involve the economy, natural disasters, or ecosystem degradation — it's all important," said Halfman. During the voyage south, Lunden and Halfman will be collecting larval samples of *Flabellum Impensum* — one of the largest species of solitary coral in the world — from the ocean floor at depths from 100–1000m using remotely operated underwater vehicles (ROVs). They will expose the baby corals to several warming scenarios, observing their physiological stress responses to changes in environmental conditions. Using these observations, the researchers hope to shed light on the implications climate change will have on coral organisms and marine ecosystems as a whole. *Flabellum Impensum* is an ideal model organism because of its reliable source of brooded larva, year-round reproduction, lack of symbionts and limited dispersal. They will incubate the samples for a period of time before sending them back to the DMC for further analysis. Once they arrive back in Maine, the real work begins. Lunden will use the data he collected over the course of the trip to determine what happened to the larvae during the experiment using transmission electron microscopy (TEM), flow cytometry and scanning electron microscopy analysis. The team hopes to bring back around 2,500 samples. "When you're collecting in nature, you never know what you're gonna get," Waller says. Waller, who will lead the expedition, specializes in the reproduction and development of cold-water and deep-sea invertebrates from around the globe and explores how these animals are affected by both natural and anthropogenic environmental change. In March 2013, Waller was featured as a risk taker in an article in National Geographic titled, "New Age of Exploration." During the summer of 2013, Halfman accepted an undergraduate research position in Waller's laboratory. The two had been in contact after Halfman enrolled in Waller's polar marine ecology class. The class was not held, but that summer Halfman learned histological techniques used to analyze marine organisms in Waller's lab. The Dearborn Fellowship program through the DMC, which allows faculty members to hire students for summer internships, funded her research experience. While Halfman was working in the lab, Waller was notified that the National Science Foundation's Polar Program would fund her expedition to Antarctica. Within the grant proposal, Waller had requested funding to bring an undergraduate and postdoctoral researcher with her. When deciding which undergraduate student to bring with her on her expedition, Waller had a mental list of characteristics that she needed the student to embody. She needed a reliable, independent worker excited for an authentic research experience. She needed to know the person she picked would be able to handle working in Antarctica's harsh conditions. And she needed someone she could trust. Halfman was the perfect fit. "Maggie worked really hard in the histology lab that summer, and was willing to search out methodology instead of waiting for my direction," Waller says. "Someone willing to do that is exactly what I was looking for." Looking into the future, Waller hopes to expand the project to include adult coral samples and to take into account ocean acidification changes — caused by increased CO₂ levels in oceans which decreases the pH of seawater. According to the National Oceanic and Atmospheric Administration (NOAA), changes in ocean acidification have been shown to significantly reduce the ability of reef-building corals to produce their calcium carbonate shells, or skeletons essential for life. "We know that the ocean is warming, we know that the air is warming, we know that the oceans are starting to acidify. What we don't really know, in most habitats, is what is going to happen to the organisms," Waller says. Cold-water corals play an integral role in marine ecosystems — providing habitats for many invertebrates and fishes, modulating ocean chemistry and serving as "hot spots" for biological diversity. If a base organism — the coral — dies, what's going to happen to the rest of the ecosystem? That is what the research team hopes to find out. By looking at sensitive larval stages, the researchers will start to piece together the puzzle of these organisms, to better predict — in the light of climate change — what the future has in store for species that lay at the bottom of some of the world's deepest oceans. This will be Lunden's second experience in Antarctica, but his first time going to Palmer Station. Though he has a good idea of what to expect, he hopes the station offers more darkness. Being outside of the Arctic Circle, the sun shines for 22 hours a day. After his postdoctoral position he hopes to become a professor at a research university. During Waller's undergraduate career at the University of Wales, Aberystwyth (U.K.) she did not have as much exposure to research as she would have liked. Today, she is dedicated to giving students research opportunities she wished she had obtained earlier in her studies. "I like putting undergraduate and graduate students on big research projects because I think it's fantastic experience to go and see research being done, even if it's in a lab," says Waller. "It helps students tailor what they want to do in the future, and I love being able to do that for them."

Darling Marine Center hosts 'Wednesday walking tours'

06 Jul 2015

The University of Maine's Darling Marine Center (DMC) will host "Wednesday Walking Tours" for the months of July and August. The event will begin at 10:30 a.m. and will last approximately 90 minutes. Staff will give a walking tour of their waterfront laboratories and speak about current research projects focusing on lobster ecology and fisheries management, shellfish aquaculture, remote sensing, coastal food webs and ocean acidification. The event is open to the public and will run through Aug. 19. The Darling Marine Center, which is celebrating its 50th anniversary in 2015, is the marine laboratory of the University of Maine. It is located on the Damariscotta River Estuary in Maine's midcoast region, 100 miles south of the Orono campus. Resident faculty and students are associated with UMaine's School of Marine Sciences. Their research interests range from biogeochemistry, remote sensing and ocean optics to invertebrate taxonomy and ecology, deep-sea biology, phytoplankton physiology and marine archaeology.

Science on tap: urchins, crabs and kelp in the Gulf of Maine

06 Jul 2015

The University of Maine's Darling Marine Center (DMC) will host the Science on Tap Seminar series at the Newcastle Publick House on Wednesday evenings, from 6–7 p.m. The first Science On Tap Seminar will be presented by Dr. Bob Steneck on July 8. Where green sea urchins once roamed over a pavement of crustose coralline algae, Jonah crabs now rule supreme in dense kelp forests. When and how this change occurred will be the topic of Steneck's seminar titled "Some lasting effects of fisheries on Maine's hidden kelp forests." Steneck is a Professor of Oceanography, Marine Biology and Marine Policy in the University of Maine's School of Marine Sciences and based at the DMC. He is a world-renowned ecologist whose research focuses on the structure, function and health of coastal marine ecosystems from the frigid waters of the Gulf of Maine and the Bering Sea to the tropical coral reefs of the Caribbean and Indo-Pacific Ocean. Steneck is a resident of Whitefield. The Science On Tap Seminar series continues through July with more great talks by UMaine/DMC scientists. Future talks will focus on the history of aquaculture in the Damariscotta River, robotic explorations of the ocean, and novel marine biological studies going on at the Darling Marine Center. The DMC is also offering Wednesday Walking Tours of its waterfront facility through Aug. 19. Tours begin at 10:30 a.m. and last about 90 minutes. On Aug. the DMC will host an Open House from 10 a.m.–2 p.m. All events are free and open to the public. The Darling Marine Center, which is celebrating its 50th anniversary in 2015, is the marine laboratory of the University of Maine. It is located on the Damariscotta River Estuary in Maine's midcoast region, 100 miles south of the Orono campus. Resident faculty and students are associated with UMaine's School of Marine Sciences. Their research interests range from biogeochemistry, remote sensing and ocean optics to invertebrate taxonomy and ecology, deep-sea biology, phytoplankton physiology and marine archaeology. Additional information on all these events, as well as Darling Marine Center history, can be found on the DMC's website dmc.umaine.edu.

Student film part of Maine International Film Festival

07 Jul 2015

"Harvey's Dream," a 12-minute film written and directed by Ryan Shelley, a graduate student from Gray, Maine, in the Intermedia MFA program, will have two screenings as part of the Maine Shorts series of the Maine International Film Festival. The film, based on the short story by Stephen King, will be shown at 9:15 p.m. Thursday, July 16 and 3:30 p.m. Saturday, July 18 at Railroad Square Cinema in Waterville. UMaine professor Owen Smith is the executive producer of the film, which also will be part of the Online New England Film Festival in September. Shelley also wrote "Telling Hannah," a film directed by Neil Shelley that was accepted in the 2013 Rockland Shorts Film Series.

Soccer camp participants talk to WLBZ about World Cup win

07 Jul 2015

WLBZ (Channel 2) spoke with female participants of a University of Maine summer soccer camp in Orono following

Team USA's recent win at the Women's World Cup final in Vancouver, Canada. "I was so psyched. I'm Team America all the way," said 13-year-old Delaney Labonte, who says she plays soccer because she enjoys putting in the hard work and seeing it pay off at games. "If I can make it to the world cup, my life goals will be complete," Labonte said.

Business Insider Australia includes Agrawal in list of professors reaching ETFs

07 Jul 2015

Pankaj "Pank" Agrawal, a finance professor at the University of Maine, was included in [Business Insider Australia's](#) list of "17 finance professors preaching ETFs to their students." The professors mentioned "are reshaping the curriculum, teaching extensively about exchange-traded funds, which, until recently, were rarely covered in the coursework of many major universities," the article states. Agrawal is the founder and president of Advanced Portfolio Solutions, a consulting firm that offers portfolio analysis and review solutions for active management firms. His research primarily focuses on analyzing the performance of long-short ETFs, according to the article.

Bangor native honored with bequest to UMaine Foundation scholarship fund

07 Jul 2015

University of Maine President Susan J. Hunter and University of Maine Foundation President/CEO Jeffery Mills recently accepted a check for \$300,000 from the Helen Skoufis estate. Skoufis and her husband, Peter, a member of the UMaine Class of 1941, were longtime UMaine supporters. In 1996, the Skoufises established the Helen M. and Peter J. Skoufis Scholarship at the University of Maine Foundation. Distributions from the fund provide scholarship assistance for undergraduate students who are graduates of Bangor High School and John Bapst Memorial High School in Bangor. A news release about the bequest is online.

Plourde designs free iPad app based on Borns' map of Maine Ice Age Trail

08 Jul 2015

Woolly mammoths that 12,000 years ago roamed the treeless tundra that is now Maine are gone, but unique landscape features formed during the retreat of a continental glacial ice sheet in that epoch remain. Down East, Maine is an outdoor historical museum. And thanks to a collaboration between Hal Borns and Josh Plourde, Ice Age creations are now part of the digital age. Starting in his senior year as an undergraduate in the School of Earth and Climate Sciences, Plourde designed a free iPad app to enable ecotourists, schoolchildren and history buffs to experience Ice Age landmarks in Down East, Maine — including the Bubbles in Acadia National Park and boreal forest between Cutler and Lubec. Plourde now is the communications manager for UMaine's Advanced Structures and Composites Center. "Science is my first and foremost love and to make it more accessible and relatable keeps me ticking," says Plourde, who began designing websites when he was a high school student at Mattanawcook Academy in Lincoln, Maine. Glacial geologist Borns is the app's virtual tour guide. The app is based on the award-winning Maine's Ice Age Trail: Down East, Map and Guide developed, in part, in 2006 by Borns, professor emeritus of glacial and quaternary geology and founder of the University of Maine Climate Change Institute. An Internet connection isn't necessary to use the app that highlights 46 unique landscape features created between 13,000 and 16,000 years ago when the Laurentide Ice Sheet withdrew northward the last time. The app can be downloaded from the Ice Age trail [website](#) and from [iTunes](#). Smartphone and computer users can access the same content on the website. Ice Age trail features include drowned forests, deltas, bluffs, moraines, peat bogs, glacial grooves and other natural landmarks, many of which dot the coastal corridor from Ellsworth Falls to Red Beach between Robbinston and Calais. Ecotourists and sightseers on-site can download the app on their iPad to inform and enhance their firsthand personal experiences. Educators and schoolchildren around the country can utilize the app for classroom lessons and explorers around the planet can make stops along the trail while couch surfing in their living rooms. "This helps people understand how the land got to be what it is. It gives kids in school a sense of place of the land-based economy," Borns says of Washington and Hancock counties, where making holiday wreaths, digging clams and picking blueberries are commonplace and dependent on geologic events that took place 15,000 to 20,000 years ago. When the Laurentide Ice Sheet scraped and gouged its way northward, Cadillac Mountain formed in what is now Acadia National Park. Borns says the summit of Cadillac — at

1,530 feet — was likely the first part of Eastern Maine to emerge from the ice approximately 16,000 years ago. When the 1.5-mile-thick ice sheet crept northward, Borns says it also carved Somes Sound in Acadia National Park. Somes Sound is a fjord — a glacially sculpted, U-shaped valley overtaken by the sea. Ancient shoreline beaches also formed. In Columbia Falls, for instance, a 20-foot-high wave-cut bluff and terrace were created when the sea level briefly steadied 230 feet higher than it is today, then rapidly lowered. These scenic sand expanses look like they belong on a Cape Cod brochure ... except they're more than 200-plus feet above sea level in the Pine Tree state. As the glacier melted and retreated, ocean water flooded land that had been depressed by the massive weight of the ice sheet. Over time, the land rebounded, says Borns, and the sea retreated. For years, Borns researched the state's landscape. Pam Person, director of Maine Global Climate Change, LLC, suggested he share his knowledge about glaciers and geology with the public. Person, whom Borns calls a mover and shaker, knew of an Ice Age ecotourism trail in Wisconsin and thought Maine would do well to publicize its even more impressive trail. Borns followed her advice. A few years later, with a \$50,000 National Science Foundation grant, he and cartographer Michael Hermann produced the colorful map packed with photos, descriptions, directions, definitions and details, including woolly mammoth graphics that mark the 46 landmarks on Maine's Ice Age Trail: Down East, Map and Guide. The map won Best of Category in the 34th annual American Congress on Surveying and Mapping/Cartography and Geographic Information Society Map Design Competition. Borns gave maps — 10,000 were originally printed — to schools and town offices Down East. And the map — which Borns estimates represents about \$1 million in research — sells for \$8.95 at the UMaine Bookstore. Proceeds from sales of maps are used to produce more copies. A website — iceagetrail.umaine.edu — was created to accompany and complement the map. And this spring, Borns and Plourde unveiled the free iPad app and an updated website. For the app, Plourde shot video interviews — sometimes in multiple seasons — with Borns at landmarks; Borns shares details and history about the respective features. The app also highlights photos taken by photographer Jeff Kirlin as well as facts, details and geology history from the information-dense map. Borns — whose career has spanned decades and continents — is at ease talking in-depth about glacial ecology. His interest in geology was sparked at Tufts University. Though he started on the electrical engineering track, after he heard a lecture about the Grand Canyon in an elective geology class, he changed course. He earned a bachelor's at Tufts and a master's and doctorate at Boston University, all in geology. He was a postdoctoral fellow at Yale University before arriving at UMaine. Borns estimates during his career, he advised and shared his interest in geology with about 3,000 students, including UMaine paleoclimatologist Karl Kreutz. Plourde, like Borns, intended to pursue engineering as a career. And like Borns, Plourde took a geology course and was hooked. In 2012, while an undergraduate at UMaine, Plourde traveled with Kreutz to conduct field research in Denali National Park and Preserve, Alaska, on the Kahiltna Glacier that flows from Mount McKinley. He graduated in 2013 with a bachelor's in Earth and Climate Sciences. While working on the app, Plourde says he learned a lot about the formation of Cadillac Mountain — one of his favorite Maine spots. Borns has more than a few geological tales to tell about Maine sites. For instance, in addition to beaches 230 feet above sea level, Borns says seashells have been unearthed beneath the paper mill in East Millinocket along the West Branch of the Penobscot River, more than 100 miles from the Atlantic Ocean. Those shells indicate how far afield the sea invaded the land after the glacial ice sheet retreated and before the Earth's crust rebounded. And, says Borns, the remains of a Woolly mammoth were excavated in Scarborough. With the app, people locally and worldwide can learn about the state's geological history and tour Maine's beautiful and unique outdoor museum. Contact: Beth Staples, 207.581.3777

Dixon, Mayewski featured in 'Thin Ice' on MPBN July 12

08 Jul 2015

Paul Mayewski and Dan Dixon are on thin ice. Mayewski, director of the University of Maine Climate Change Institute, and Dixon, a research assistant professor with CCI, are featured in the shortened version of the award-winning film "Thin Ice: The Inside Story of Climate Science," that MPBN will broadcast at 2 p.m. Sunday, July 12. The full-length film, which screened in more than 200 locations around the planet on Earth Day 2013, seeks to provide people on every continent an inside view of the scope of human activity and scientific examination being conducted to understand the world's changing climate. The film by David Singleton and Simon Lamb won a number of awards. It was the 2014 Official Selection at the San Francisco Green Film Festival; the 2014 Audience Favorite at the Princeton Environmental Film Festival; a 2013 Official Selection of the Sheffield Doc/Fest; and a 2013 Best Popular Science Film at Baikal International Film Fest. A crowdfunding campaign raised money to create this 60-minute version of the film, which is being distributed by American Public Television to 90 stations in 40 states this month. Mayewski has helped to establish an in-depth understanding of polar climatology. He chairs and leads the International Trans-Antarctic Scientific

Expedition (ITASE), a 21-nation program that explores the last 200 years of Antarctic climate history via a series of oversnow traverses that have covered much of the icy continent. The author of “The Ice Chronicles” and “Journey Into Climate” is a Fellow and medal winner of the Explorers Club and the American Geophysical Union. In July, “Maine” magazine named Mayewski one of the state’s 50 Bold Visionaries. He was featured in Showtime’s 2014 Emmy Award-winning series “Years of Living Dangerously.” “We have learned that Antarctica is not the timeless, unchangeable place we thought it was 20 years ago, but rather that it is capable of seriously impacting the climate of the Southern Hemisphere and the globe and that, in fact, this is already happening,” Mayewski says. Dixon, a climatologist, has drilled ice cores in Antarctica, Southern Patagonia, the New Zealand Southern Alps, the Central Chilean Andes, and the Island of South Georgia. As a member of the United States ITASE team, he has completed multiple Antarctic field seasons and traversed more than 10,000 kilometers (1,253 miles) over the ice sheet. His research seeks to reconstruct the Antarctic and global paleoclimate over the last 1,000 years by using the chemistry contained in snow and ice. “My research has shown me unequivocal evidence of the human impact on global climate. We need to do everything possible to mitigate the inevitable consequences of climate change, and we need to act immediately,” Dixon says. “Arming ourselves with knowledge of the approaching changes should be a priority for all. The release of this film to the American public could not be more timely. Attendees of the December 2015 United Nations Climate Change Conference (COP21) in Paris would do well to watch this film beforehand.” To learn more about “Thin Ice” and to watch a trailer, visit thiniceclimate.org. People can also like the “Thin Ice” [Facebook page](#) and follow “Thin Ice” on [Twitter](#). Contact: Beth Staples, 207.581.3777

Make tomato salsa at UMaine Extension workshop

08 Jul 2015

Enjoy the taste of summer fruits and vegetables all year by taking the University of Maine Cooperative Extension Preserving the Harvest workshop 2–5 p.m. Sunday, July 26, at Frinklepod Farm, 244 Log Cabin Road, Arundel. Extension Master Food Preserver volunteer Lynn Dodd will lead the workshop, which features hands-on, USDA-recommended food preservation methods, including hot water bath canning. Participants will make tomato salsa to take home. Fresh produce, canning jars and other canning equipment will be provided. Participants should bring a pot holder. Cost is \$20 per person; partial scholarships are available. Register [online](#) by July 13. For more information, or to request a disability accommodation, call 781.6099 or 800.287.1471 (toll-free in Maine).

Maine Edge reports on student film to be shown at festival

08 Jul 2015

The Maine Edge reported on a short film written and directed by Ryan Shelley, a graduate student in the Intermedia MFA program, that will be shown as part of the Maine Shorts series at the Maine International Film Festival. “Harvey’s Dream” is a 12-minute film based on the short story by Stephen King. The film will be shown at 9:15 p.m. Thursday, July 16 and 3:30 p.m. Saturday, July 18 at Railroad Square Cinema in Waterville. UMaine professor Owen Smith is the film’s executive producer. Part-time faculty member Sheridan Kelley also helped produce the piece, according to the article.

Media cite Lobster Institute statistics in reports of split-colored lobster

08 Jul 2015

[USA Today](#), [ABC News](#), [UPI](#), [WMTW](#) (Channel 8 in Portland) and the [Portland Press Herald](#) cited statistics from the Lobster Institute at the University of Maine for a report about an orange and brown split-colored lobster that was found at the Pine Point Fisherman’s Co-Op in Scarborough. According to researchers at the institute, the chances of finding a split-colored lobster is one in 50 million, and only the colorless albino lobster is rarer with odds of one in 100 million.

Howard quoted in Des Moines Register article on Bernie Sanders

08 Jul 2015

Michael Howard, a philosophy professor at the University of Maine, was quoted in [The Des Moines Register](#) article, “Socialist battle cry: Frustrated voters look to Sanders.” Presidential candidate Bernie Sanders, a Vermont U.S. senator who describes himself as a democratic socialist, has been gaining support among voters who are looking to socialist-leaning policies in response to the greed of corporate America, according to the article. Howard, who studies socialism, said Sanders’ issues aren’t “really socialist in any rigorous sense.” He added that if by socialist one means restoring public investment in infrastructure, equality in educational opportunity, greater equity in tax laws, and accountability for big banks and corporations, “then we are at a moment when the nation may be ripe for the pendulum to swing in that direction,” the article states.

Ex-WNBA player joins women’s basketball coaching staff, BDN reports

08 Jul 2015

The [Bangor Daily News](#) reported former WNBA player Edniesha Curry has been named an assistant coach for the University of Maine women’s basketball team. “She is a gifted skill instructor and motivator and will bring tremendous energy to our program,” head coach Richard Barron said. “Coach Eddie has an infectious personality and enthusiasm which I know will result in greater productivity with our players.” Curry spent the past four years training and developing players across the world with stops in Vietnam, China, Israel and Palestine, according to the article. Most recently, she was the head coach for SSA Basketball in Ho Chi Minh City where she was in charge of the delivery of basketball programs across the city for players who were age 6–18, the article states. Curry was in the WNBA for four years starting in 2002.

Young authors camp featured on WVII

08 Jul 2015

WVII (Channel 7) reported on a Young Authors Camp put on by the Maine Writing Project at the University of Maine. More than 40 students in grades 3–12 are participating in the weeklong program that encourages youth to explore their imagination and writing skills. Students are challenged to develop their writing in a variety of ways with experienced teachers, consultants and guest speakers, according to the report. “It gives them the opportunity to do what they love, which is write. It gives them lessons in writing, and it gives them a chance to share with an audience other than what they have at their schools. So it opens up possibilities for them,” said Brenda Jackson, director of the camp.

UMaine's Pianka earns fellowship to work on marine policy issues

08 Jul 2015

Karen Pianka, a graduate student in the School of Marine Sciences at the University of Maine, has been awarded a Sea Grant Knauss Fellowship that begins in February 2016. Named after John A. Knauss, a founder of Sea Grant, a program of the National Oceanic and Atmospheric Administration (NOAA), the fellowship matches graduate students with positions in the legislative and executive branches of government in the Washington, D.C. area for one year. “It is a great honor to be selected for this fellowship and I am very excited to have the opportunity to focus on national policy issues,” says Pianka, a candidate in the dual degree master’s program in marine biology and marine policy. “The Knauss fellowship is an excellent milestone on the way to reach my goal of working full time on marine policy issues. I look forward to connecting with others with similar interests in Washington.” Pianka’s advisers are Teresa Johnson, associate professor of marine policy, and Paul Rawson, associate professor of marine science. “I am extremely excited about Karen’s selection as a Knauss fellow,” says Johnson. “With her considerable experience communicating and engaging with stakeholders and keen understanding of both science and policy, she is a perfect fit for this fellowship.” “Karen’s research has centered on Maine’s aquaculture industry; she has worked closely with members of Maine’s shellfish culture,” says Rawson. “Through her interaction with industry members she has gained a strong appreciation for how science and policy impact their businesses.” Pianka grew up in Austin, Texas. She holds bachelor’s degrees in music and biology from the University of Texas at Austin and Oberlin College, respectively. She has considerable experience with stakeholders and decision-makers through her work at the Texas Parks & Wildlife Department. In addition to Sea Grant, the Maine Agriculture and Forest Experiment Station and the School of Marine Sciences have financially

supported Pianka. Additional funding for her research has been provided by the Maine Aquaculture Innovation Center. Pianka joins [Noah Oppenheim](#), a graduate student at the UMaine Darling Marine Center in Walpole, as well as 74 other graduates from around the nation in the Knauss Class of 2016. Maine Sea Grant will begin accepting applications for 2017 Knauss Fellowships in December.

UMaine Alumni Association seeks stories from veterans

09 Jul 2015

The University of Maine Alumni Association is collecting stories from UMaine veterans who served after World War II. The remembrances will be compiled in a book, comparable to the volume published in 2001 by Stephen Jacobs as a tribute to the Class of 1944. The project is led by Kyle Hadyniak, senior editorial intern with the UMaine Alumni Association who graduated this past May with a degree in journalism. Hadyniak can be reached at hadyniakkyale@gmail.com.

UMaine study cited in BDN article on municipal waste, recycling

09 Jul 2015

A 2011 study by the University of Maine School of Economics was cited in the [Bangor Daily News](#) article, “How Maine towns are trying to throw away less and save more.” The study found 22 percent of what Mainers throw away can be recycled and 38 percent composted, according to the article.

Acadia Harvest featured on WMTW

09 Jul 2015

[WMTW](#) (Channel 8 in Portland) reported on the land-based aquafarm Acadia Harvest. The startup is part of an \$8 million collaboration with the University of Maine and is housed at UMaine’s Center for Cooperative Aquaculture Research in Franklin. The company grows yellowtail to market size using land-based aquaculture production, and is providing fresh warm-water fish to Maine restaurants for the first time, according to the report. “Ninety percent of our seafood today is imported. We’d like to change that,” said Ed Robinson, chairman and CEO of Acadia Harvest. “We can provide consumers with high-quality seafood that’s grown closer to home and grown to a standard of quality that they would find attractive to them.” [FIS](#) also published an article on Acadia Harvest.

AP reports on researchers’ adapted DNA method to detect invasive fish

09 Jul 2015

The Associated Press reported University of Maine scientists are working on a project to use DNA to locate invasive fish species in rivers and lakes. Michael Kinnison, professor of evolutionary applications at UMaine, is leading the project that will adapt emerging environmental DNA (eDNA) approaches to detect the presence of invasive species, and other aquatic species, in Maine waters. The project will use eDNA detection to target the DNA material shed by specific aquatic species. Biologists have mostly had to rely on word of mouth from anglers and other residents to learn about the presence of invasive fish, Kinnison said. The pilot portion of the project, funded by the Maine Outdoor Heritage Fund, includes use of water samples to describe the extent of invasive northern pike in the Penobscot River system. The [Portland Press Herald](#), San Francisco Chronicle, Sun Journal, Newsradio WGAN and Houston Chronicle carried the AP report. [Phys.org](#) published the UMaine news release.

DMC scientists discover ocean chloride buried in sediment

10 Jul 2015

University of Maine marine scientists are part of a team that discovered chloride — the most common dissolved substance in seawater — can leave the ocean by sticking to organic particles that settle out of surface water and become

buried in marine sediment. The discovery helps explain the fate of chloride in the ocean over long time periods, including ocean salt levels throughout geological history, says Lawrence Mayer and Kathleen Thornton, researchers based at the UMaine Darling Marine Center in Walpole. Chloride is half of the power couple called sodium chloride, or table salt, says Mayer. Chloride affects ocean salinity, and thereby seawater density and ocean circulation. Until now, scientists thought chloride only left the ocean when seawater evaporated, leaving behind salt deposits. Such ancient deposits provide salt used to flavor food and melt ice on roads. But using high-energy X-rays produced by a particle accelerator at Brookhaven National Laboratory, the research team demonstrated that chloride bonds to carbon in marine organic matter. Researchers found high organochlorine concentrations in natural organic matter settled into sediment traps between 800 meters (2,624 feet) and 3,200 meters (10,498 feet) deep in the Arabian Sea. Alessandra Leri from Marymount Manhattan College led the team, which included other scientists from Marymount Manhattan College and Stony Brook University. The team showed that single-celled algae can make organic matter containing organochlorines. This chemical reaction can occur without phytoplankton, as well, Mayer says, under conditions similar to bleaching. Sunlight promotes the reaction so organochlorines likely form at the sunlit top of the ocean. The team concluded that transformations of marine chloride to nonvolatile organochlorine through biological and abiotic pathways represent a new oceanic sink for this element. The study titled, “A marine sink for chlorine in natural organic matter,” has been published in “[Nature Geoscience](#).” Mayer and Thornton examine the ocean using biogeochemistry — or how organisms and materials chemically interact in Earth surface environments. The findings, says Mayer, pave the way to look for yet-to-be-discovered compounds and enzyme systems. Organic molecules that contain chlorine are often potent chemicals — including antibiotics, insecticides and poisons including dioxin. The discoveries also raise questions, he says, including: Are such compounds made on purpose or by accident in the ocean and what consequences might they have for the fate of marine organic carbon? Contact: Beth Staples, 207.581.3777

Spying on oceans with satellites, robots focus of DMC science on tap seminar

10 Jul 2015

The Science on Tap Seminar series, sponsored by the University of Maine’s Darling Marine Center (DMC), continues at the Newcastle Publick House, 6–7 p.m. on Wednesdays in July. July 15, the free public seminar, “Spying on our oceans with satellites and robots,” will be presented by Mary Jane Perry. The productivity of the oceans depends on tiny microscopic phytoplankton. While a phytoplankton cell is invisible to the naked eye, phytoplankton drifting in the water can be quantified with sensors on ships, robots and satellites in space. How optical sensors, robots and satellites are used to study phytoplankton will be the focus of Perry’s seminar. Perry is a marine plankton ecologist who uses optics to study phytoplankton — the primary producers of the sea. She earned her Ph.D. at Scripps Institution of Oceanography in 1974. Since 1999, she has been a professor in the UMaine School of Marine Sciences and currently serves as interim director of DMC. Perry’s recent work has taken her to the subpolar North Atlantic to study the evolution of the spring bloom and to the Arctic Ocean to study the distribution and productivity of phytoplankton under the ice. Science On Tap continues through July with talks by UMaine/DMC scientists. Upcoming talks will focus on the history of aquaculture in the Damariscotta River and novel marine biological studies being conducted at center.

UMaine Extension preservation event advanced by Morning Ag Clips

10 Jul 2015

Morning Ag Clips reported the University of Maine Cooperative Extension will host “Savor the Season — A Food Preservation Weekend” at the 4-H Camp and Learning Center at Blueberry Cove in Tenants Harbor, Oct. 2–4. The weekend will be devoted to learning food preservation methods and techniques from Master Food Preserver educators, according to the article. Topics will include how to make jams and jellies, dry and ferment, pickle, and can salsa. The registration of \$325 includes all programs, meals and accommodations. [The Maine Edge](#) also carried a release on the event.

Neiman writes article on gender identity for BDN

10 Jul 2015

Elizabeth Neiman, an assistant professor in both English and Women's, Gender, and Sexuality Studies at the University of Maine, wrote an article for the [Bangor Daily News](#) titled, "'Cisgender' is now in the dictionary. It reminds us to reflect on our gender identity." Cisgender, or "someone whose sense of personal identity corresponds to the sex and gender assigned to him or her at birth," was recently introduced by the Oxford English Dictionary, according to the article. "The word 'cisgender' is a reminder that not everyone enjoys the privilege of comfort with the gender that one is assigned. It is also a reminder that everyone should think carefully about their own personal identity, and in particular, their gender identity," Neiman wrote.

Boston Globe uses Lobster Institute data for article on rare crustaceans

10 Jul 2015

[The Boston Globe](#) published the article "A look at rare lobsters caught in New England," which cites statistics from the Lobster Institute at the University of Maine. The article includes photos of and information on rare crustaceans caught in New England in recent years. Each type of lobster — blue, yellow-orange, calico, split-color and albino — also includes the odds of each being caught, as determined by the institute.

Borns quoted in BDN article on state's large rocks

10 Jul 2015

Hal Borns, professor emeritus with the University of Maine Climate Change Institute and School of Earth and Climate Sciences, spoke with the [Bangor Daily News](#) for the article, "Our rocks: Glacial hitchhikers dot Maine's lakes, lands." According to Borns, large rocks around the state are glacial erratics. "As the ice moves along, it picks up the ledge wherever it can," he said, adding the strong and large rocks made of granite traveled with the glaciers and eventually touched down elsewhere, including on top of mountains or in lakes. "You can find pieces of that [Dedham] granite sitting on top of the pink granite down in Bar Harbor," Borns said. "The classic case is that so-called Balance Rock on The Bubbles. That's Dedham granite."

New media installation to commemorate 70th anniversary of Hiroshima

13 Jul 2015

Hiroshima, an audio/visual installation commemorating the 70th anniversary of the bombing of Hiroshima, will be open to the public Aug. 6-9, from noon to 7 p.m., at IMRC, Stewart Commons. The installation will be presented by new media artists N.B. Aldrich and John Carney, a UMaine alumnus, in collaboration with artist Tomomi Adachi and Maine poet and musician Duane Ingalls. Hiroshima is based on John Hersey's 1946 book of the same name, and will incorporate documentary film and bilingual composition.

New England Basketball Hall of Fame to induct four with UMaine connections

13 Jul 2015

Several people with ties to the University of Maine will be inducted into the New England Basketball Hall of Fame on Aug. 8 in Worcester, Massachusetts. Inductees include the late Rudy Keeling, a Perry Award recipient. The award is named after Holy Cross legend Ronald Perry Sr.; it honors those who have achieved distinction in two or more induction categories. From 1988 to 1996, Keeling coached men's basketball at UMaine. He was the North Atlantic Conference Coach of the Year in 1993-94. Kissy Walker, who is being inducted for her success coaching the Husson University women's hoop team, was a starting point guard and team captain for UMaine, graduating in 1986. Bob Warner, a three-time District I All-American and the all-time leading rebounder (1,304) and No. 2 scorer (1,758) in UMaine men's history, is being inducted in the college player category. Ernie Clark, a sportswriter at the Bangor Daily News, is being inducted in the media category. He studied history and journalism at UMaine.

Cobb, Rossignol to participate in radio show

13 Jul 2015

Bob Cobb, former dean of the University of Maine College of Education and Human Development and a founder of Maine's Sports Done Right, and Parise Rossignol, UMaine women's basketball player, will be guests on Downtown with Rich Kimball 4-6 p.m. Thursday, July 16. The topic will be youth sports; the show airs on WZON-AM620, WKIT-HD3, and WZONThePulse.com.

Littlefield Garden to be closed July 14–15

13 Jul 2015

The University of Maine Littlefield Ornamentals Trial Garden on Rangeley Road will be closed for maintenance Tuesday-Wednesday, July 14-15.

Aquaculture Magazine covers CCAR collaboration with Acadia Harvest

13 Jul 2015

Aquaculture Magazine published an article about Acadia Harvest, a commercial land-based, indoor fish farm, that's partnering with the University of Maine and its Center for Cooperative Aquaculture Research on an \$8 million project to raise black sea bass and California yellowtail. "Ninety percent of our seafood today is imported. We'd like to change that. We can provide consumers with high-quality seafood that's grown closer to home and grown to a standard of quality that they would find attractive to them," said Acadia Harvest CEO Ed Robinson in the article.

Maine Sea Grant in BDN article on Eastport Port Authority building

13 Jul 2015

The University of Maine Sea Grant Program was included in a [Bangor Daily News](#) article about the Eastport Area Chamber of Commerce regional visitor information center in the Eastport Port Authority building. The port authority designed the building to meet community needs and to rent space to organizations, including Maine Sea Grant, according to the article.

Boston Globe takes Maine Art Museum trail

13 Jul 2015

The University of Maine Museum of Art in Bangor was mentioned in a [Boston Globe](#) piece about the Maine Art Museum Trail. "... that's the joy of the Maine Art Museum Trail. The same artists keep cropping up in different places: There are Hartleys here, Homers there, Wyeths, Hoppers, Zorachs, and Katzs all scattered hither and thither. You may need to keep notes to keep it all straight in your head. But art-wise, you can't really go wrong," reads the piece.

Aroostook Farm in PPH story on Maine malt

13 Jul 2015

The University of Maine Aroostook Farm was in a Portland Press Herald article about Maine malt for local craft beer (<http://www.pressherald.com/2015/07/12/maine-malt-for-local-craft-beer-has-arrived/>). Aroostook Farm in Presque Isle is participating in malt barley field trials. Joel Alex of Blue Ox Malthouse began making malt a couple of months ago using a system built for him at the university with a seed grant from the Maine Technology Institute. The tradition of malting barley is as old, according to the article, but it's also an emerging industry with great market potential for entrepreneurs, farmers and craft breweries in Maine.

World News announces DMC findings, news

13 Jul 2015

World News carried University of Maine media releases about UMaine Darling Marine Center scientists discovering ocean chloride buried in sediment

(http://article.wn.com/view/2015/07/10/DMC_Scientists_Discover_Ocean_Chloride_Buried_in_Sediment_Un/) and the

DMC Science on Tap seminar on Spying on Oceans with Satellites

(http://article.wn.com/view/2015/07/10/Spying_on_Oceans_with_Satellites_Robots_Focus_of_DMC_Science/).

Mayewski quoted in WABI-TV5 report on Arctic, climate change

13 Jul 2015

Paul Mayewski, director of the University of Maine Climate Change Institute, was included in WABI-TV5 coverage of the Maine Chapter of the Fulbright Association's presentations on the Arctic and climate change in Castine. "We are already experiencing great change and that great change affects our health and our wealth," said Mayewski. His talk was titled: "Is climate instability in our future? Or, is it already here? The Arctic and Its Impact."

UMaine 4-H team in BDN collaborative picnic piece

13 Jul 2015

The University of Maine 4-H Summer of Science Team was mentioned in a Bangor Daily News article about a collaborative picnic in Portland to nourish youth and combat food insecurity

(<https://bangordailynews.com/2015/07/10/health/portland-picnic-aims-to-combat-food-insecurity/>). At the picnic, about 275 meals of sandwiches, chips and watermelon were given to those attending younger than 18 years old, according to the article.

WFVX reports on iPad app of Ice Age Map

14 Jul 2015

Dr. Harold Borns, University of Maine Professor Emeritus of Glacial and Quaternary Geology, was featured by Channel 7 for his Ice Age Trail map—which includes 46 destinations in Downeast, Maine that people can visit to learn about unique landscape formed by glaciers. The map now is available in digital form as an iPad app called *Maine Ice Age Trail Map and Guide: Down East*. Josh Plourde, creator of the app and communications manager at the UMaine Advanced Structures and Composites Center, also was featured in the video.

ASCE raises money for student scholarships, BDN reports

14 Jul 2015

The Maine section of the American Society of Civil Engineers raised \$4,700 at its annual golf tournament for scholarships for University of Maine students, according to an article in the Bangor Daily News. UMaine students interested in applying for the scholarships may contact the Department of Civil Engineering at UMaine through its [website](#).

Weekly covers Halfman's planned expedition to Antarctica

14 Jul 2015

In an article in [The Weekly](#), Maggie Halfman—fourth-year marine science student at the University of Maine—was profiled for her upcoming trip to Antarctica. Halfman will be traveling to a research station in October, and will conduct an independent project there for two months. Halfman is conducting research at the [Darling Marine Center](#) this summer in preparation for her trip. The trip is led by UMaine Professor Rhian Waller, who specializes in the reproduction and development of cold-water and deep-sea invertebrates around the globe. Her research explores how these animals are

affected by both natural and anthropogenic environmental change. [The Maine Edge](#) also published an article on Halfman.

Camp merges environmental science, traditional native culture

14 Jul 2015

Weaving baskets while learning about brown ash identification and habitat is one of the hands-on projects at the Wabanaki Youth Science Program (WaYS) [wskitkamikww](#), or Earth, summer camp June 22-26, at Cobscook Community Learning Center in Trescott. At the third annual WaYS summer camp, Native American youth in grades 9-12 also will use compasses and forest tools, learn about medicinal and edible saltwater plants, tidal ecology and climate change issues as they relate to fish. WaYS, a long-term, multi-pronged program coordinated by the Wabanaki Center at the University of Maine, integrates environmental science and traditional Native culture. "It's great fun. It's intense," says Wabanaki Center program manager tish carr, who earned a Master of Forestry degree at UMaine. WaYs, says carr, seeks to connect the next generation of Native youth with their cultural heritage and legacy of environmental management and stewardship. In addition to summer camps, seasonal mini-camps are open to junior and senior high school-age students. Each mini-camp focuses on one activity; topics have included shelter building, maple tree tapping, snowshoeing and fishing. Internships also are available for Native high school-age boys and girls to work with area natural resource experts, including those from the U.S. Forest Service (USFS) and the National Oceanic and Atmospheric Administration (NOAA), as well as cultural resource professionals. And, Traditional Ecological Knowledge (TEK) and American Indian Science and Engineering Society (AISES) programs are offered to Native students year-round to continue the long-term connection. The various approaches and offerings are intended to develop a model education program that promotes Native American persistence and participation in sciences from junior high through college and when choosing a career. When Natalie Michelle was an EPSCoR graduate student in 2012, she had the concept for an Native American Earth Camp in Maine that combined complementary aspects of science and TEK, as a regional follow-up to the successful Native American Earth Camp coordinated by Professor Robin Kimmerer at State University of New York College of Environmental Science. Michelle now is a New England Sustainability Consortium-Maine's Sustainability Solutions Initiative (NEST-SSI) research assistant with the I.Ph.D. Program in Ethnobotany and Adaptive Practices in Climate Change. The WaYS program also benefited from the input of John Banks, director of the Department of Natural Resources for Penobscot Nation; Darren Ranco, UMaine associate professor of anthropology and chair of Native American Programs; and members from each of Maine's Wabanaki Tribal Nations. For three days at summer camp, water will be the broad topic for activities for the 25 participants. One day will be devoted to wildlife topics and another day will be dedicated to forestry. Forestry activities, says carr, will utilize compasses and GPS units and include data collection, tree identification and possibly "forest forensics." Food at camp will be Native-based. "We'll concentrate on a healthy lifestyle and talk about where food comes from," says carr, adding that as many as four interns will assist educators during the week. Barry Dana, WaYs cultural knowledge keeper, a Penobscot community elder and former tribal chief, teams with carr, a liaison with other natural resource professionals, to make the program a success. The camp and WaYs are supported by National Science Foundation awards to Maine EPSCoR at the University of Maine. In related news, the Penobscot Nation, with support from the Wabanaki Center and the USFS, recently received a grant totaling nearly \$46,000 from the National Fish and Wildlife Foundation for a Native habitat restoration project in Penobscot Experimental Forest in Bradley, Maine. For 18 months, Wabanaki students will work hand-in-hand with members of the U.S. Forest Service, other scientists and cultural knowledge keepers collecting and analyzing data on invasives, including Asiatic bittersweet and Norway maples. The 3,900-acre forest is a site for U.S. Forest Service research; it's one of 80 experimental forests in the U.S. and the only one in the transitional zone between the Eastern Broadleaf and boreal forests. The grant, says carr, will help develop future Native environmental leaders by providing participants with the ability to participate in cutting-edge research and learn from various professional and cultural mentors. *This story has been edited to reflect Natalie Michelle's contributions to the Wabanaki Youth Science Program (WaYS) Earth Camp.* Contact: Beth Staples, 207.581.3777

Gabe quoted in BDN article, Bangor minimum wage ordinance

14 Jul 2015

Todd Gabe, an economics professor at the University of Maine, was quoted in a Bangor Daily News [article](#) about a

proposal to increase the local minimum wage. If approved, the local minimum wage would increase from \$7.50 to \$8.25 per hour in 2016, to \$9 per hour in 2017 and to \$9.75 in 2018. According to Gabe, a minimum wage increase to \$8.25 per hour would affect 7 percent of the 67,720 workers in the Bangor metropolitan statistical area, which includes surrounding towns and cities, including Brewer, Hampden, Orono, Old Town and Winterport. The matter will be discussed in a public hearing before the full council at 7 p.m. Wednesday at the Bangor City Hall.

Giant lobster could Be 25–50 years old , says Steneck

14 Jul 2015

In an [article](#) in the Portland Press Herald, University of Maine professor of marine science Robert Steneck was interviewed about the age of a 3-foot-long, 20-pound lobster caught in the Gulf of Maine. “I would question it being 75 years old,” said Steneck. “It’s probably more in the range of 25 to 50 years.” Steneck is based at the [Darling Marine Center](#) in Walpole, Maine. His research looks at the structure and function of coastal marine ecosystems; studying kelp, lobsters, sea urchins and fish stocks in Maine and around the world.

BDN cites UMaine report on cost of recycling

14 Jul 2015

A 2011 University of Maine report was cited in a Bangor Daily News editorial about ways to boost recycling in the state, keeping in mind the process is market-driven. The report found nearly 22 percent of the material in Maine’s solid waste could be recycled and 38 percent could be composted.

WFVX highlights Maine Summer Transportation Institute

14 Jul 2015

ABC/Fox/Channel 7 featured middle school students participating in the Maine Summer Transportation Institute program at the University of Maine. The two-week camp seeks to expose students to careers in engineering, specifically transportation-related fields. Participants designed games using cars, elevators, taxi cabs and more to learn about real-world applications of problem solving, communication and team building.

McConnon quoted in Mainebiz about Stonewall Kitchen

14 Jul 2015

James McConnon, a professor of economics at the University of Maine, was interviewed in a Mainebiz [article](#) about Stonewall Kitchen, an iconic Maine brand. McConnon says as Stonewall Kitchen has grown, it has inspired a generation of artisanal food makers in Maine. The number of food and beverage companies in Maine grew 19 percent between 2010 and 2013. The bulk of that growth has come from people who, like Stonewall's founders, make products, sell at farmers’ markets and work to earn more wholesale customers, McConnon says. "What Tom's of Maine did for the health care products industry, I think Stonewall has done for the gourmet specialty food industry here in Maine," said McConnon. The [Portland Press Herald](#) also published the article.

BDN reports football player nominated for award

15 Jul 2015

The [Bangor Daily News](#) reported that University of Maine football player Trevor Bates of Westbrook is a nominee for the 2015 Allstate American Football Coaches Association Good Works Team. The award honors football players who help others and positively affect their communities.

Women’s basketball No. 24 on academic honor roll, BDN Reports

15 Jul 2015

The [Bangor Daily News](#) announced the University of Maine women's basketball team ranked No. 24 in the 2014–15 Division I Women's Basketball Coaches Association (WBCA) Academic Top 25 Honor Roll presented by AT&T. The Black Bears, the lone America East program in the top 25, earned a 3.399 team GPA. University of Missouri-Kansas City was No. 1 with a 3.726 GPA.

UMaine mentioned in AP story on sake market

15 Jul 2015

Metro, a daily newspaper in Canada, carried an Associated Press story about sake joining the ranks of artisan brewing. Dan Ford's Maine-made sake is hitting what he thinks is an untapped market. Ford, who launched Blue Current Brewery, received assistance from the University of Maine and used a Kickstarter campaign to raise funds for his rice to be shipped from Minnesota. A distributor will sell the sake for \$25 for 750-millilitre bottles and \$15 for 350-millilitre bottles.

Knox News Sentinel touts book with local food preserver's recipe

15 Jul 2015

Stella Doyon, a master food preserver with the University of Maine Cooperative Extension, has a relish recipe in a book highlighted in the Knox News Sentinel. Linda Amendt, multi-time winner of culinary competitions at fairs, authored "Blue Ribbon Canning," (Taunton Press, \$21.95).

Former UMaine Goalie, NHL member profiled in Bangor Daily News

16 Jul 2015

Scott Darling, former University of Maine goalie, was featured in a [Bangor Daily News](#) article highlighting his success as a professional hockey player for the Chicago Blackhawks, who won this year's championship game. The article talks about the turning points in Darling's life; how he earned a spot on the NHL roster and how he overcame his struggles with anxiety disorder and alcohol abuse. Darling spent the 2008–09 and 2009–10 seasons at UMaine, but was suspended three times for violating team rules and was eventually dismissed from the team. Last summer, Darling talked with UMaine freshman student-athletes about hard work and doing the right things to achieve success. "I shared my story with them. I made them aware what can happen if you don't do the right things. It was nice to talk to them and try to rebuild the bridge I burned there," said Darling. "It was cool." "I'm proud to be affiliated with the school (UMaine). I met a lot of great people there," he said.

Harvest for Hunger featured by Fosters.com

16 Jul 2015

The program Harvest for Hunger — which connects gardeners with food-insecure neighbors who can benefit from donated fresh produce—was featured in a [fosters.com](#) news article about their unique program run by the University of Maine Cooperative Extension. According to UMaine Extension educator Frank Wertheim, last year York County commercial and residential growers donated 50,000 pounds of fresh produce to local food pantries through the program. This was the highest amount donated in all of Maine, and 26,000 pounds of that produce came from one source — Spiller Farm in Wells.

Former associate dean of student activities and organizations passes away

16 Jul 2015

William "Bill" Lucy '71, former associate dean of student activities and organizations at the University of Maine,

passed away July 12, 2015. Lucy earned his education doctorate from UMaine in 1971. For 25 years until his retirement in 1996, Lucy was known to generations of University of Maine students as “Dean Lucy.” As associate dean of student activities and organizations, he worked closely with fraternities, sororities and other student organizations, and encouraged and supported student volunteerism and community service. Lucy participated on countless committees, and developed and taught courses in scuba diving and outdoor education and recreation. His obituary is in the [Bangor Daily News](#).

Brewer quoted in MPBN, spending on U.S House seat

16 Jul 2015

Mark Brewer, political science professor at the University of Maine, was quoted in an MPBN article titled, “Potential 2nd District Rematch on Track to Shatter State Fundraising Records.” Brewer believes that spending reports are still a good measure of progress for a candidate's success. “These numbers still tell us, in many ways, what they told us in a pre-Citizens United world.” Early and robust fundraising sends a strong signal to supporters about the candidate’s viability and could also discourage potential primary challengers from making bids, according to Brewer. “Being able to raise money early and at a healthy clip does kind of demonstrate viability and the strength of a candidate,” Brewer says. “It’s a signal for people with deep pockets to say, ‘Well OK, they’re viable, so I’m not going to be throwing my money away if I step in here and do that.’”

UMMA mentioned in Wall Street Journal article

16 Jul 2015

The University of Maine Museum of Art in Bangor was mentioned in The [Wall Street Journal](#) about the Maine Art Museum Trail titled, “Hunting Beauty on Maine’s Art Museum Trail.” “...I moved on to the University of Maine museum, which concentrates on contemporary art. There, I found four exhibitions squeezed into a small space. One gallery contained selections from the permanent collection by Estes, Wyeth, Abbott, Katz and Marin. None stood out, so I entered “Blind Spot,” a show of work by Anna Hepler, said to be one of Maine’s best-known living artists. Ms. Hepler makes soft sculptures and large, patterned woodcuts. They relate to nature, but as with much contemporary art, they are also about process and materials. For example, she uses plastic bags to make crocheted pieces.”

Steneck quoted About 20-foot lobster caught in Gulf of Maine

16 Jul 2015

Robert Steneck, professor of marine science at the University of Maine, was quoted in an article that appeared in [boston.com](#) about a ‘huge lobster’ caught in the Gulf of Maine.

Cooperative Extension blueberry specialist quoted in Bangor Daily News

16 Jul 2015

David Yarborough, a blueberry specialist with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) about the anticipated success of this years growing season. Yarborough organized and moderated the annual meeting of blueberry growers from around the state — held at Blueberry Hill Farm in Jonesboro — this past Wednesday. Last year’s harvest of 104.4 million pounds of wild blueberries was reported to be one of the largest ever. A typical blueberry season contributes about \$90 million to the Maine’s economy each year, according to Yarborough.

Liz Wood named America East Scholar-Athlete of the Year

17 Jul 2015

University of Maine women’s basketball student-athlete Liz Wood of Catlett, Virginia, has been named the America East’s 2014–15 Female Scholar-Athlete of the Year. Wood, the first Black Bear to receive the honor, was selected from

a group of eight student-athletes in female sports. Each year following the fall, winter and spring seasons, a committee of athletic administrators and NCAA faculty athletics representatives elects a male and female scholar-athlete in each of the league's 18 championship sports. On the court, Wood earned America East Co-Defensive Player of the Year and America East first team accolades. Wood led the Black Bears to an America East regular season championship and a berth in the WNIT after starting all 32 games and averaging 13.8 points, 7.7 rebounds, 3.4 assists and 2.7 steals. Wood, a member of the league's All-Defensive Team, also recorded eight double-doubles and Maine's first-ever triple-double. In the classroom, Wood is a biology major with a pre-med concentration. She was an America East All-Academic choice and has been a Commissioner's Honor Roll recipient. Wood, Maine's SAAC co-president and the America East's National SAAC representative, was named UMaine's 2015 "M" Club Dean Smith Award winner. The award is presented annually to the top male and female student-athlete with outstanding academic and athletic achievement along with citizenship and community service. An America East Release is [online](#).

Science on tap: Darling worms: a rich legacy of polychaete research

17 Jul 2015

The University of Maine's Darling Marine Center (DMC) is host of the Science on Tap Seminar series at the Newcastle Publick House from 6–7 p.m. Wednesdays. On July 29, the series wraps up with a seminar by Pete Jumars titled, "Darling worms: A rich legacy of polychaete research." Marine worms are critical food web components. They feed on dead organic material on the seafloor and in turn are food for lobsters, crabs and bottom fishes. These polychaete worms have been studied at the DMC since its beginning 50 years ago. Research at the DMC has unlocked secrets of polychaete migration, feeding habits, unexpected roles in transferring marine pollution into food webs, and surprisingly fast and efficient means of burrowing through mud. Current and future projects will focus on their roles as pests of oysters and their altered ecosystem functions when nipped (partially eaten) by fishes. Jumars is arguably the world's expert on polychaete worms, having published comprehensive reviews of this taxonomic group in 1979 and 2015. He studied deep-sea species diversity at the Scripps Institution of Oceanography and received his Ph.D. from the University of California, San Diego. Jumars' current research interests are broad and interdisciplinary. They focus on the ways that physics, chemistry, and geology limit what marine organisms do and how they do it. Jumars is a professor in the University of Maine School of Marine Sciences and based at the Darling Marine Center. This summer the DMC is also offering Wednesday Walking Tours of our waterfront facility through Aug. 19. Tours begin at 10:30 a.m. and last about 90 minutes. On Aug. 8 the DMC will host an Open House from 10 a.m.–2 p.m. All events are free and open to the public. Additional information on all these events, as well as Darling Marine Center history, can be found on the DMC's [website](#).

Maine Policy Review cited in Portland editorial

17 Jul 2015

A July 15 [Portland Press Herald](#) editorial, "Maine shirks obligation to K–12 schools, students," focused on the state's inability to meet a school funding mandate, and cited a [2013 Maine Policy Review](#) article on the impact of state revenue reductions on Maine municipalities. The Maine Policy Review article by Emily Shaw explored municipal responses to reduced Maine revenue and found that they are "largely making up for the lack of state spending through increasing the tax and fee burden on their local populations."

Liz Wood named America East Scholar-Athlete of the Year, media report

17 Jul 2015

The [Bangor Daily News](#) and WABI (Channel 7) also reported that University of Maine women's basketball student-athlete Liz Wood of Catlett, Virginia, has been named the America East's 2014–15 Female Scholar-Athlete of the Year. Wood, the first Black Bear to receive the honor, was selected from a group of eight student-athletes in female sports. Each year following the fall, winter and spring seasons, a committee of athletic administrators and NCAA faculty athletics representatives elects a male and female scholar-athlete in each of the league's 18 championship sports.

Meet the Black Bears Football Clinic Aug. 26

17 Jul 2015

The University of Maine football team will host its annual Meet the Black Bears free football clinic at 6 p.m., Aug. 26 at Alford Stadium. All ages are welcome. Participants will have the opportunity to meet players and coaches, get posters and autographs, and join the team for a pizza party, sponsored by Domino's. To attend, send the names and ages of participants to GoBlackBears@yahoo.com.

DMC Science on Tap Seminar to focus on shellfish aquaculture

20 Jul 2015

The University of Maine's Darling Marine Center (DMC) is host of the free Science on Tap Seminar series at the Newcastle Publick House from 6–7 p.m. Wednesdays. On July 22, the seminar, "Shellfish aquaculture: Job creation, tasty bivalves and some cool science too," will be presented by Carter Newell. A resident of Damariscotta, Newell will talk about the biology, ecology, economics and history of shellfish aquaculture in Maine. A shellfish farmer and coastal oceanographer for more than 30 years, he will highlight the potential bivalve cultivation has for ecologically and socially sustainable job creation along the coast, as well as which places grow the best bivalves — and why. Newell has been farming mussels and oysters since getting his master's degree in oceanography at DMC in 1982. He founded the Pemaquid Oyster Co., in 1986 with Chris Davis and Smokey McKeen, and in 2007, he founded Pemaquid Mussel Farms. Newell received his Ph.D. in marine biology from the University of New Brunswick in St. John in 2005. Science On Tap wraps up July 29 and focuses on marine biological studies being conducted at the center.

AP reports on last training session for bee census project

20 Jul 2015

The Associated Press reported on this year's final training session for citizen scientists interested in Maine's bumblebee counting project. The session took place at the University of Southern Maine. The Maine Bumble Bee Atlas project aims to help determine Maine bee range and abundance, according to the report. The project is being coordinated by the state, UMaine and the University of Maine at Farmington. SFGate and [WMTW](#) (Channel 8 in Portland) carried the AP article.

Gabe's economic study cited in Press Herald article on proposed wind farm

20 Jul 2015

An economic impact study conducted by Todd Gabe, an economics professor at the University of Maine, was cited in a [Portland Press Herald](#) article about a Texas-based company filing an application with the Maine Department of Environmental Protection to build a \$613 million wind farm in Aroostook County. The farm would have an installed capacity of 250 megawatts, which would make it the largest wind farm in New England, able to power roughly 70,000 homes, according to the article. The wind farm project would create an estimated 653 full- and part-time jobs and have a \$356 million statewide economic impact over the three-year period it will be constructed, according to Gabe's study, which was commissioned by EDP Renewables North America. Once complete, the farm would support 16 full- and part-time jobs, representing almost \$800,000 in labor income, the study found.

Foster's advances York County garden tour

20 Jul 2015

[Fosters.com](#) previewed a self-guided garden tour in York County from 10 a.m. to 4 p.m. Saturday, July 25. The eight-stop tour follows a route through South Berwick, Eliot, Kittery Point and York. It includes gardens owned, managed by or created in collaboration with University of Maine Cooperative Extension York County Master Gardener Volunteers. The tour features a CSA farm started by a Master Gardener, six flower and food gardens, and the Central School Garden

in South Berwick, where staff and volunteers created an outdoor classroom for elementary students, according to the article.

CCAR mentioned in Mainebiz article on aquaponics

20 Jul 2015

The University of Maine's Center for Cooperative Aquaculture Research (CCAR) in Franklin was mentioned in the [Mainebiz](#) article, "A promise of higher ag yields: Aquaponics offers new source of food." According to the article, Maine's foodie scene will soon get a new source of fresh vegetables from Maine greenhouses that use aquaponics, an indoor ecosystem where plants grow in large tubs of water and use waste from live fish as fertilizer. Aquaponics uses about 90 percent less land and water than soil agriculture, but potentially could generate three to four times more food, according to a report from Industry ARC. CCAR is studying aquaponics for demonstration and business development, the article states.

Brewer quoted in BDN editorial on political participation

20 Jul 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Bangor Daily News](#) editorial, "Maine: Where people speak, representatives hear them." Maine is more open to public participation than most other states, according to the article. "The more open and level a political system is, the better chance an outsider has at being elected and of participating in government," Brewer said. He added Maine is one of a few states where local decisions are made at town meetings and where citizen participation — through public hearings, letters and one-on-one discussions with easily accessible legislators — influences policy decisions, the article states. "Average people matter here," Brewer said.

Press Herald reports on inaugural camp north woods at Bryant Pond

20 Jul 2015

The [Portland Press Herald](#) reported on the inaugural Camp North Woods, held at the University of Maine 4-H Camp and Learning Center at Bryant Pond in Oxford County. The five-day camp is staffed by the TV stars of Animal Planet's "North Woods Law" and sponsored by the Department of Inland Fisheries & Wildlife. Campers, ranging from ages 8 to 12, will learn to paddle a canoe, handle a firearm, fish for brook trout, and use a bow and arrow, according to the article. They also will be taught why Maine's fish, wildlife and natural areas need to be protected for future generations, and how they can help, the article states.

Camden conference economic impact study by Daniel, Gabe cited in BDN article

20 Jul 2015

The [Bangor Daily News](#) reported the annual Camden Conference generated nearly \$1.1 million in the local economy last year, according to a report commissioned by the organizers to determine how beneficial the event is for businesses and job creation in midcoast Maine. The Camden Conference has been held each February in Camden since 1988 to focus on foreign policy issues, with international experts coming to Maine to offer lectures, according to the article. The Camden Opera House is the main venue for the conference, with the 2015 event streamed live to the Strand Theatre in Rockland and the University of Maine Hutchinson Center in Belfast. The economic impact study was conducted by University of Maine professors Harold Daniel, an associate professor of marketing, and Todd Gabe, an economics professor. The study determined the Camden Conference had an overall economic impact of approximately \$850 in local spending per attendee and an additional \$330 per attendee for labor hired directly and indirectly for the conference, the article states.

Sandweiss quoted in San Antonio Express-News report on Texas excavation

20 Jul 2015

Daniel Sandweiss, a professor of anthropology at the University of Maine, spoke with the [San Antonio Express-News](#) for an article about a remote excavation taking place northwest of Austin, Texas. Scientists believe humans came to North America from Asia at least 14,000 years ago, according to the article. The earliest known civilization, known as the Clovis people, left stone tools that are dated to about 13,000 years ago, but artifacts that have previously been found at the Texas site and other distant sites appear to push back the arrival date by several thousand years, the article states. "There are now a lot of sites which have a strong claim to being Pre-Clovis. Not everyone accepts them and of course you can argue about any individual site, but mainstream thinking has moved back beyond the Clovis First idea," Sandweiss said. [Statesman](#) and [Star-Telegram](#) also published the report.

Bottom Line Health interviews Camire for article on edible weeds

20 Jul 2015

Mary Ellen Camire, a University of Maine professor of food science and human nutrition, and president of the Institute of Food Technologists, spoke with [Bottom Line Health](#) for the article, "5 edible weeds that are probably growing in your yard." Camire warned if people aren't sure what a plant is, they shouldn't eat it. "There are many lookalikes in the plant kingdom," she said. To learn how to identify what's edible in a specific region, Camire suggests attending a wild foraging workshop at a local Cooperative Extension, arboretum or chapter of the Audubon Society, according to the article. Camire also suggested people pick weeds only from areas that haven't been treated with pesticides or herbicides, and "avoid plants that have been exposed to high levels of car exhaust, such as those that grow alongside roads, near septic leach fields or businesses that use chemicals, or near any other potential sources of contamination."

Free screening of 'The Lego Movie' Aug. 5 at Alford Stadium

21 Jul 2015

University of Maine Athletics will host a free screening of "The Lego Movie" at 8 p.m. Wednesday, Aug. 5 on Morse Field at Alford Stadium. Members of the public are encouraged to bring blankets or chairs to watch the film on the high-definition video scoreboard. UMaine football team members will greet fans and provide free snow cones during the event presented by CU Promise. More information is available by calling 207.581.1086.

UMaine Extension container garden tips mentioned in Farm and Dairy article

21 Jul 2015

Container garden advice from the University of Maine Cooperative Extension was included in the [Farm and Dairy](#) article "How to manage common garden problems." Although container gardens are beneficial for growers with limited space, and pest management can be simpler, problems can arise, according to the article. UMaine Extension lists insufficient sunlight, too much nitrogen, excess water, poor drainage, low temperatures, too little phosphorus and other conditions that can negatively affect plants growing in containers, the article states.

Maine Policy Review piece on democracy, humanities published in BDN

21 Jul 2015

The [Bangor Daily News](#) published the opinion piece, "Our democracy's health depends on the health of humanities," by William Adams, chairman of the National Endowment for the Humanities. The article was adapted from his essay in the humanities-themed issue of [Maine Policy Review](#) (Winter/Spring 2015), published by the University of Maine's Margaret Chase Smith Policy Center.

Fernandez speaks about soil on MPBN's 'Maine Calling'

21 Jul 2015

Ivan Fernandez, a professor of soil science and forest resources at the University of Maine, was a guest on the [Maine Public Broadcasting Network](#)'s "Maine Calling" radio show. The show, titled "The Importance of Soils," focused on how soil is the basis for healthy food production, supports Earth's biodiversity, and helps the planet combat and adapt to climate change.

Glover named finalist for national early career faculty, engagement award

22 Jul 2015

Robert Glover, a UMaine assistant professor of political science and honors, is one of eight national finalists for the 2015 Ernest A. Lynton Award for the Scholarship of Engagement for Early Career Faculty, presented by the New England Resource Center for Higher Education (NERCHE) and the Center for Engaged Democracy (CED) at Merrimack College. The annual award recognizes faculty in the early stages of their career who are innovators in sharing knowledge-generating tasks with the public, and involving community partners and students as participants in public problem solving. This year, there were 42 nominations for the award, with the winner to be announced in August and honored at a NERCHE colloquium in Boston and the annual Conference of Urban and Metropolitan Universities in Omaha, Nebraska later this year. More information about the award and finalists is online.

UMaine Extension disease, tick ID lab funds approved by system, BDN reports

22 Jul 2015

The [Bangor Daily News](#) reported The University of Maine System Board of Trustees approved spending up to \$9 million for the future Cooperative Extension Diagnostic and Research Center. The laboratory will help scientists study pest management and threats to human and animal health across the state, according to the article. It will be the only facility in the state able to identify ticks and test them for transmittable diseases, including Lyme. The lab also will be the base of research in the state for agricultural issues — from potato blight to salmonella in eggs to livestock diseases, the article states. "This is very important to the state of Maine," said John Rebar, executive director of UMaine Extension. The lab, where about 20 scientists will work, is expected to be finished in 2016, Rebar said.

Ellsworth American speaks with Yarborough about blueberry crop, rain

22 Jul 2015

David Yarborough, a blueberry specialist with the University of Maine Cooperative Extension and professor in the School of Food and Agriculture, was quoted in an [Ellsworth American](#) article, "Area blueberry growers hoping for rain." Without more rain, this year's blueberry crop — a \$250 million industry in Maine — will be average, according to the article. "If we continue to get adequate moisture for the remainder of the summer, the crop in Maine could be about average at 90 million pounds," Yarborough said. Last year's crop totaled 104.42 million pounds, the article states. Yarborough said the harvest will start along the midcoast on July 27 and about one week later Down East. WLBZ (Channel 2) also reported on the expected average crop, stating that according to wild blueberry experts at UMaine Extension, the porous soil in which the blueberries grow does not hold water well, and the small berries need an inch of water per week to thrive.

UMaine Extension bulletin cited in Parent Herald article on Internet addiction

22 Jul 2015

A University of Maine Cooperative Extension bulletin was cited in the [Parent Herald](#) article, "Internet addiction disorder linked to health, family, emotional problems — what are the common symptoms?" Internet addiction affects people of many ages, but it is most likely to affect children's development neurologically and physically when parents spend more time with screens than family, according to the article. The UMaine Extension [bulletin](#), "Children and brain development: What we know about how children learn," says connections are established as early as two months. Fewer connections — from parents to their children — may cause underdeveloped synapses that could lead to making fewer

connections while growing up, according to the bulletin, prepared by Judith Graham, a human development specialist, and revised by Leslie Forstadt, a child and family development specialist.

Holberton quoted in Maclean's report about islands between Canada, U.S.

22 Jul 2015

Rebecca Holberton, a professor of biological sciences at the University of Maine, was quoted in a [Maclean's](#) article about tensions rising over the last remaining disputed lands between the United States and Canada. The two treeless islands — North Rock and Machias Seal — are located in the ocean between Maine and New Brunswick. The waters around the islands contain a lucrative lobster fishery and are referred to as “the gray zone,” because both Canada and the U.S. claim that part of the ocean, according to the article. The islands’ primary residents are 5,800 pairs of puffins, and the Canadian government declared Machias Seal Island a migratory bird sanctuary in 1944, the article states. In the summer, a team of scientists live on the island to monitor the puffins and other seabirds. “Puffins don’t see borders,” said Holberton, who studied puffins on Machias Seal Island with Canadian and American scientists from 2007-12.

Bryant Pond summer camp featured on WLBZ

22 Jul 2015

WLBZ (Channel 2) reported on a summer camp at the University of Maine 4-H Camp & Learning Center at Bryant Pond that focuses on connecting children with nature. The camp offers programs designed to increase ability and self-esteem for children ages 6-16. The campers learn a variety of outdoor skills, from survival to hunting and fishing, according to the report. Ron Fournier, conservation education manager at Bryant Pond, said he likes to see youths getting away from computer screens, making new friends and feeling comfortable in the outdoors. “I feel there is really a movement of kids getting reconnected to the outdoors and being able to get dirty and just having fun outside,” Fournier said. The camp has hosted record numbers this year, the report states.

Racing Biz interviews Peterson about track surface safety

22 Jul 2015

Mick Peterson, a University of Maine professor of mechanical engineering and executive director of the Racing Surfaces Testing Laboratory, was quoted in a [Racing Biz](#) article about the surfaces and safety of horse racetracks. At the sixth Grayson-Jockey Club Welfare and Safety of the Racehorse Summit in Kentucky, Peterson presented an overview of his work, then moderated a discussion on the maintenance of several track surfaces, according to the article. Peterson, who has been studying racetrack surfaces for nearly 10 years, says when it comes to horses breaking down on tracks, the issue isn’t the type of surface the animal is running on, but how consistent those surfaces are. “I look at it as the job of the track supervisor to reduce musculoskeletal injuries in horses,” Peterson said, adding the key is data collection and monitoring. He stressed the importance of regularly collecting data on the racing surface, then using that data to increase its consistency, thereby reducing the likelihood of equine injury, the article states.

New director named for the Darling Marine Center

23 Jul 2015

A leading conservation scientist has been hired to lead the University of Maine Darling Marine Center, which is celebrating its 50th anniversary in 2015. Heather Leslie begins her tenure as director of UMaine’s coastal marine laboratory in Walpole on Aug. 1. Leslie comes to the center from Brown University, where she was the Peggy and Henry D. Sharpe Assistant Professor of Environmental Studies and Biology. Leslie, originally from Plymouth, Massachusetts, will be the fourth director of the Darling Marine Center. Professor Mary Jane Perry has served as interim director since Kevin Eckelbarger stepped away in 2013 after 23 years at the helm. “My goals as director are to make sure that the stories of our scientists’ and students’ amazing discoveries reach a broader audience, and to support and grow the excellent research and education activities underway at the center. I want every citizen in Maine to know about the great work of UMaine marine scientists, and the impacts our scientists and students are having on coastal economies

and ecosystem health,” Leslie said. Leslie was hired to provide innovative leadership; develop new research, educational and outreach programs for the center; and to work collaboratively to further goals of UMaine. Leslie, who in 1998 was public relations and campus coordinator at the Darling Marine Center, has expertise in marine ecology, coupled human-natural systems, conservation planning and assessment, and translation of knowledge for policy and practice. From 2007–15, she was a faculty member at Brown. Research in her lab focuses on the connections among people and coastal marine ecosystems. As marine conservation scientists, she and her students use a range of approaches from the ecological and social sciences to investigate how diverse factors, including climate variability and changes in regulatory regimes, influence ecosystem dynamics, and in turn, social interactions. Her ultimate aim is to provide scientific knowledge and tools that can help inform marine management that benefits both nature and people. Her current research is focused on Mexico’s Baja peninsula, where she is investigating how environmental and economic change shapes the resilience and outcomes of both the ecological and human dimensions of coastal marine fisheries. Before joining the Brown faculty, Leslie was a research fellow at Princeton University. Her work has appeared in leading scientific journals, including the Proceedings of the National Academy of Sciences, and has been reported on in The New York Times. She earned a bachelor’s degree in biology in 1996 from Harvard University and a Ph.D. in zoology in 2004 from Oregon State University. “Heather Leslie is a pioneering researcher in marine conservation and management, and is an excellent choice to direct the internationally recognized Darling Marine Center,” says UMaine President Susan J. Hunter. “She will provide exceptional leadership at the center where, for half a century, UMaine scientists and educators have developed solutions and advanced knowledge that benefits fisheries stakeholders, marine industries and coastal communities in the Gulf of Maine and beyond.” The Darling Center began in 1965 when Ira C. Darling donated his 127-acre property on the Damariscotta River to UMaine to develop an oceanography program. The center — now a destination for UMaine marine researchers and students, scientists from around the world and area schoolchildren — is celebrating its 50th anniversary with talks and walking tours this summer and an open house Aug. 8. [A full question and answer profile of Leslie is online.](#) Contact: Beth Staples, 207.581.3777

A conversation with Heather Leslie

23 Jul 2015

Director of the Ira C. Darling Marine Center for Research, Teaching, and Service at the University of Maine



Professor Heather Leslie is a marine scientist with expertise in coastal marine ecology; human-environment interactions, particularly those related to coastal marine fisheries; the design and evaluation of marine management strategies; and the translation of knowledge to inform policy and practice. She was named director of the University of Maine Darling Marine Center effective Aug. 1, 2015. **Why the Darling Marine Center?** The Darling Marine Center is an incredibly important and special place. For the last 50 years, Darling Center

researchers have been observing the coastal and ocean ecosystems of Maine and the world, discovering new species and connections among them, and creating new knowledge vital to coastal communities and economies. In this era of global environmental change, marine laboratories like the Darling Center are vital to our environmental intelligence, enabling us to gather information about the natural world and people's connections to it. Yet there are surprisingly few outposts along our coast like the center. We need this knowledge, translated in ways that are relevant to policymakers and resource users in particular, in order to help make informed decisions about marine resource use and stewardship. I've had a longtime connection to the center. One of my first professional positions, right out of college, was at Darling. In the last decade, I've had the good fortune to return to the center with my students, to lead research projects on the responses of rocky shore ecosystems to nutrient stress and other environmental changes. I'm so thrilled to be back in Maine and working at the Darling Marine Center. I cannot imagine a better place to be.

What are your goals as director? My goals as director are to make sure that the stories of our scientists' and students' amazing discoveries reach a broader audience, and to support and grow the excellent research and education activities underway at the center. I want every citizen in Maine to know about the great work of UMaine marine scientists, and the impacts our scientists and students are having on coastal economies and ecosystem health. Every citizen should see the center as his or her place, one he or she is welcome to visit. Creating more opportunities for people in the midcoast and throughout Maine to connect with the center, both in person and virtually, will be a big part of my job in the coming years. While many think of the Darling Center as the "birthplace" of Maine's oyster farming industry, our role in sustaining Maine's lobster fishery, developing tools for monitoring environment change and cataloging the tremendous diversity of marine life are no less important. Many of these accomplishments are directly related to conversations that center researchers have initiated with fishers, shellfish growers and other community partners. As director, I will seek to catalyze more of these conversations among UMaine researchers and our potential partners in commercial, government and nonprofit institutions throughout Maine.

Will you teach, as well? If so, which course(s)? This first year, I'm focused on learning about the center and our neighbors, so as to facilitate those conversations I just mentioned. So I will be doing as much learning as teaching. I love teaching and also sharing my science with community groups, legislators and other decision makers. I very much hope to have the opportunity to talk with a number of such groups in the coming months, as I get to know the region and learn more about how UMaine marine science relates to community and industry interests. I see great potential for deeper partnerships between UMaine and Maine's coastal and island communities, and I look forward to learning more about how we at the Darling Center can be more useful, both as researchers and educators, to the people of Maine.

Describe your impressions of the Darling Marine Center and surrounding communities: The Darling Center is a really special and close community. Every person I've met at the center, whether they're an intern who's just arrived or a faculty member who's seen generations of students pass through, has deep affection for the place and a strong commitment to our mission. It is a great privilege to be part of this community again. Since I left Maine 17 years ago, I've been trying to figure out how to get back.

What are your research interests and how will they contribute to the center's research/outreach/education? I am a marine conservation scientist and work closely with a diverse group of researchers and practitioners with expertise in both the natural and social sciences. Right now, my research is focused on Mexico's Baja peninsula, where we are investigating how environmental and economic change shapes the resilience and outcomes of both the ecological and human dimensions of coastal marine fisheries. UMaine has great strength in integrative studies of human and environmental systems like the one I'm studying in Mexico, and also in connecting that knowledge to policy and management. I'm excited to develop a project like this in Maine in the coming years.

How did you first become interested in marine science and how did that interest evolve? I grew up by the coast in Massachusetts. Summers I was sailing, when I wasn't belly down on the beach, looking for tiny snails. Cape Cod Bay seemed cold until I moved to Maine, but regardless of the temperature, there's no place I'd rather be than by the water. I've always been interested in people's connections to coastal places. As a high school student, I served on a town committee that advised selectmen on beach management. In college, I studied shorebird biology and communicated our research results to beachgoers and town and state decision makers. When I thought about a career, I knew I needed to be by the ocean, but I was really torn about whether to pursue science or something that seemed closer to the "action" of management and policy. I haven't ever really resolved that tension; my science is always guided by a desire to be useful to people who are making decisions about coastal stewardship and policy, and I do what I can to share the work I'm doing in ways that are relevant to ongoing conversations. I'm looking forward to contributing in this way in Maine.

Anything else you would like to share with readers/the community? I'm just so happy to be back in Maine and to welcome people to the center. We have an opportunity coming up soon: on Saturday, Aug. 8, visitors can see the work of our scientists and students firsthand as we celebrate the Darling Center's 50th anniversary. From 10 a.m.–2 p.m., we are opening the doors of our waterfront laboratory to the community. There will be free, hands-on marine science activities for all ages.

Recent athletic training graduate wins national quiz bowl

23 Jul 2015

Recent University of Maine graduate Alicia Valente of New Gloucester, Maine won the National Athletic Trainers' Association Quiz Bowl in St. Louis, Missouri on June 25. Valente represented New England along with two students from Plymouth State University. They competed against nine other teams, each representing a district of the National Athletic Trainers' Association. New England makes up District 1. Contest questions included topics such as anatomy, treatment of injuries, athletic training history, preventative care and diagnosis. Valente earned her spot in the national competition after participating in a regional contest during the 2015 Eastern Athletic Trainers' Association Convention. She came in second place in the regional contest, which secured her seat on the NATA Quiz Bowl District 1 team.

Memorial service for professor emeritus David Clark

23 Jul 2015

A memorial service for David Clark, University of Maine professor emeritus of economics, will be held at 2 p.m. July 31, in Buchanan Alumni House. Clark passed away April 15, 2015. He was 82 years old. Clark's obituary is online.

School of Economics, Maine Development Foundation release report on water quality

23 Jul 2015

On July 22, the Maine Development Foundation (MDF) and the University of Maine's School of Economics released the sixth quarterly report analyzing critical economic indicators in Maine. The latest report, "Water Quality in Maine," addresses the economic, social, and natural effects of Maine's comparatively high water quality. Water is an essential resource in Maine that needs to be protected, the report states. Water quality affects tourism and recreation, property values, the cost of drinking water treatment, and the fishing industry. The report was written by Kate Warner, a Ph.D. student in ecology and environmental sciences at UMaine, and Mario Teisl, director of the UMaine School of Economics and professor of resource economics and policy. The publication is part of a series that explores the economic indicators in "Measures of Growth," the Maine Economic Growth Council's annual report on the critical issues affecting Maine's economy. The full "Water Quality in Maine" report is online. A summary of the latest quarterly economic report, along with future quarterly reports created by the MDF and UMaine's School of Economics, will appear as part of the Bangor Daily News' "Maine Focus" series. The School of Economics will generate eight more research briefs to support its monthly contribution to the series.

Times Higher Education publishes op-ed by Segal

23 Jul 2015

The London-based [Times Higher Education](#) published an opinion piece by University of Maine history professor Howard Segal titled "Celebrity speakers: Putting money where their mouths are."

Bayer quoted in reports on rare orange lobster

23 Jul 2015

Robert Bayer, executive director of the Lobster Institute at the University of Maine, was quoted in a [Portland Press Herald](#) report about a Windham lobsterman who caught a bright orange crustacean in the Gulf of Maine. Bayer said the odds of catching an orange lobster are one in several million. In 1997, the same lobsterman caught a rare white, or albino, lobster, according to the article. The [Associated Press](#), [NPR](#), Fox News, [USA Today](#), Daily Journal and Newsradio WGAN also published the report.

BDN covers Maine beaches conference

23 Jul 2015

The [Bangor Daily News](#) reported on the 10th annual Maine Beaches Conference held at Southern Maine Community College in South Portland. Experts who spoke at the conference said human impact poses the greatest threat to the future of Maine's beaches, according to the article. Kristen Grant, an extension associate at Marine Sea Grant, spoke about the role water monitoring plays in gauging the effect humans have on the condition of Maine's beaches and waters. "With pollution comes rising sea levels, species endangerment and unsafe swimming conditions," Grant said. "Monitoring the water quality started about 10 years ago and has been going on ever since. It's a problem we're constantly trying to address to the public." Keri Kaczor, coordinator of the Healthy Beaches Program and a marine professional with the University of Maine Cooperative Extension, spoke about how the majority of pollution problems are concentrated at spots where rivers and streams deliver storm and wastewater runoff to the sea, the article states.

Murphy gives midseason gardening update on MPBN's 'Maine Calling'

23 Jul 2015

Barbara Murphy, a University of Maine Cooperative Extension educator and gardening expert, was a guest on the Maine Public Broadcasting Network's "Maine Calling" radio show. Murphy, who has more than 20 years of experience teaching the UMaine Extension Master Gardener course, took part in the show that focused on midseason gardening, planting, pruning and picking questions.

BDN previews Collins Center for the Arts' 30th anniversary season

23 Jul 2015

The [Bangor Daily News](#) published an article about the Collins Center for the Art's 30th anniversary season. The season kicks off with the CCA's annual gala featuring "Piano Men: The Music of Elton and Billy with the Bangor Symphony Orchestra" on Sept. 12. "The gala is always a focus for us, this year especially because it's an anniversary year. We are excited to be involving the Bangor Symphony Orchestra because the Bangor Symphony Orchestra opened the hall with Yo-Yo Ma and Isaac Stern [in 1986]," said Danny Williams, executive director of the CCA. Over the past three decades, much has changed at the center, but its purpose has remained constant, the article states. "We are here to provide top-quality live performance to our community and to our region. And like the University of Maine, it is intended to be affordable and accessible in keeping with the university's mission," Williams said.

WABI reports on recent funding announcements

23 Jul 2015

WABI (Channel 5) reported the University of Maine has been awarded more than \$200,000 for climate change research. U.S. Sens. Susan Collins and Angus King announced the award in a press release. The National Science Foundation awarded the \$201,515 in grant funding to support the study of climate change and its effect on birds' migratory patterns and food sources, according to the release. "Understanding the effects of climate change is vital to the future of our environment and economy, and the researchers at the University of Maine are on the cutting edge of that endeavor," the senators said in a joint statement. "This grant funding will support the university's impressive science program and help further our understanding of climate change, its geographic implications, and its impact on the food chain." The full release is online. The senators also recently announced UMaine is one of 12 Maine colleges and universities to receive a total of \$3,649,824 in grant funding through the Student Support Services Program. The Student Support Services Program is a federally funded TRIO program that helps higher education institutions provide opportunities for academic development, assist students with basic college requirements, and guide students toward the successful completion of their postsecondary educations. TRIO programs support low-income and first-generation college students by steering them toward the academic support services that will help them succeed, according to the announcement. UMaine will receive \$561,225. The full release is online, and WABI reported on the announcement.

Upward Bound Math Science students to present projects

24 Jul 2015

Participants of the Upward Bound Math Science program at the University of Maine will present videos and posters on a variety of research projects conducted throughout the summer. The students will host a Group Design Project Video Show from 1–2:30 p.m. Friday, July 24 at the Foster Center for Student Innovation. The videos document the design process over the past six weeks as students have created inventions and innovations to address problems posed by Maine EPSCoR faculty and staff. On Monday, July 27, students will participate in the program’s annual STEM Symposium where they will present posters on their individual research projects and explorations from 5 to 9 p.m. in the atrium of the D.P. Corbett Business Building. Upward Bound Math Science is affiliated with the UMaine College of Education and Human Development and offers a six-week college preparatory program to first-generation college students from eight Maine high schools. The program specifically targets students who are interested in pursuing STEM (science, technology, engineering and mathematics) majors and careers. This summer, 31 students attended from students are attending from Central High School in Corinth, Foxcroft Academy in Dover-Foxcroft, Mattanawcook Academy in Lincoln, Nokomis Regional High School in Newport, Oxford Hills Comprehensive High School in South Paris, Portland High School, Stearns High School in Millinocket, and Schenck High School in East Millinocket.

UMaine Athletics to offer free video stream of home games

24 Jul 2015

The University of Maine Athletics Department announced it will offer free live video streams of its 2015–16 home events. Black Bear fans who formerly paid to watch ice hockey and football games online will now be able to watch the home events free of charge. “We have Black Bear fans in every state of the country as well as Canada and overseas,” says Karlton Creech, UMaine’s director of athletics. “Free streaming is one way for us to thank them for continuing to support our student-athletes and University of Maine Athletics. We are thrilled to share the excitement of home games with all of Black Bear Nation and hope it will lead to further support at our games.” Fans interested in other sports will continue to have free access to UMaine’s America East teams through AmericaEast.TV. More information is online.

Bayer speaks with Morning Sentinel about odd-colored lobsters

24 Jul 2015

Robert Bayer, executive director of the Lobster Institute at the University of Maine, spoke with the [Morning Sentinel](#) for an article about a rare orange, yellow and black calico lobster discovered in a shipment to a Skowhegan market. According to the Lobster Institute, the calico lobsters are believed to be one in 30 million. However, Bayer said there is no way to estimate accurately how many oddly colored lobsters there are without them being caught, and the statistic for calicos might need to be recalculated. “Most of the numbers you see in these odd-colored lobsters is just somebody’s best guess,” Bayer said. “Nobody really knows. This is not something that’s been studied in any detail.” He said the calico coloring is not genetic, but is the result of some otherwise harmless bacteria in the natural environment, according to the article. “Sometimes this color is related to something bacterial under the shell,” said Bayer, who also spoke with WGME (Channel 13 in Portland).

WABI reports on EPSCoR, Camp Capella partnership

24 Jul 2015

WABI (Channel 5) reported on a partnership between Camp Capella, the University of Maine and Maine EPSCoR that allowed campers to get a chance to see and feel underwater critters such as mussels, starfish and a horseshoe crab. Camp Capella in Dedham offers children and adults with disabilities and their families a unique camp experience designed to foster personal growth and exploration. The camp experience means playing outside, getting out on the lake, but also exploring under the sea, according to the report. “We have a scallop when you take it out of the water it tends to spit and the kids love that,” said Jenn Dunham, student outreach assistant with Maine EPSCoR.

Press Herald cites 1904 report on invasive moth written by Edith Patch

24 Jul 2015

A 1904 report written by Edith Patch, who was a pioneering entomologist and University of Maine faculty member, was cited in a [Portland Press Herald](#) article about invasive browntail moths. In Maine, a dry spring has fostered a bumper crop of the moths that cause an itchy rash, and a state entomologist said the worst conditions in a decade could last into next year, according to the article. In Patch's report, she described how the City Improvement Society of Portsmouth, New Hampshire, went to elaborate lengths to get rid of the moths the previous winter. The society gave \$50 to the superintendent of schools, who paid children 5 cents a dozen for winter nests. Hundreds of nests were collected by the children and burned in the school furnace, the article states. "In March, groups of Portsmouth newsboys were to be seen scanning the branches overhead and darting off eagerly for browntail nests," Patch wrote. "About the same time, a Kittery urchin was heard to remark somewhat wistfully, 'The Portsmouth kids are makin' their fortune pickin' brown-tails.'"

Dill speaks with WVII about combating garden pests

24 Jul 2015

Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, spoke with WVII (Channel 7) about the best way to combat several garden pests. Dill said an ideal way to get rid of many common beetles is to remove them by hand or use a handheld vacuum cleaner. He said now is the time to go after pests. "The adults are out and they're just starting to lay eggs. Later in the season that gets a little more difficult once the larvae are out," he said, adding bigger pests, such as deer, can be kept out with a wooden or electric fence.

Media report on UMaine's free video stream of home games

24 Jul 2015

The [Bangor Daily News](#) and [Portland Press Herald](#) reported University of Maine football and ice hockey fans will be able to watch free live video streams of all home games this season. The UMaine Athletics Department announcement means all home athletic events will have free live video streams for the 2015–16 season. "The more contact you can offer to your fans, the more affinity you can build will lead to an increase in loyalty," Karlton Creech, UMaine's director of athletics, told the BDN. "We're taking an abundance mindset and want to get our product out to our fans as much as we can." Fans interested in viewing sports outside of ice hockey and football will continue to have free access to UMaine's America East teams through AmericaEast.TV.

Stack speaks with WVII about safely dealing with hogweed

24 Jul 2015

Lois Berg Stack, a University of Maine professor of sustainable agriculture and ornamental horticulture specialist with the University of Maine Cooperative Extension, spoke with WVII (Channel 7) about how to identify and properly remove Hogweed. Hogweed looks similar to Queen Anne's lace, but can grow 8 to 10 feet tall, has a thicker stem, and blooms in a wider radius, according to the report. The plant's sap can create a painful rash that can last for months, the report states. "As long as you have gloves and long sleeves and you're not touching it with your skin, you're perfectly safe," Stack said. "It's when you go in with bare arms and brush against it and accidentally get some of the sap on your arm and then get sunlight on it that you can have problems." Stack recommends contacting UMaine Extension in your county if you suspect hogweed is growing in your yard.

Maine Summer Youth Music camp featured on WABI

24 Jul 2015

WABI (Channel 5) reported on the Maine Summer Youth Music (MSYM) camp at the University of Maine. About 300 high school students from across the state are performing in choirs, jazz ensembles and musical theater productions as

part of the intensive camp, according to the report. The students will put on a performance at the end of the week, the report states. “It’s a great opportunity for students to come together who all have the same interests — a common interest in music; and to be musicians with each other — to work together, to grow together and to learn together,” said Christopher White, MSYM camp director. “I think music is something that becomes a part of you emotionally,” said MSYM camper Mikayla Clifford. “When you love music so much it just becomes a part of your life, especially when you get to do it outside of school and be around people that feel that connection, as well.” Camp instructors also benefit from the experience, the report states. “I leave with a newfound love for working with teenagers but also being really inspired by what people can accomplish when they set their minds to it,” said Rob Westerberg, MSYM choral director.

National Geographic quotes Gill in article on warming climate, animals

24 Jul 2015

Jacquelyn Gill, assistant professor of paleoecology and plant ecology at the University of Maine, was quoted in the [National Geographic](#) article, “Abruptly warming climate triggered megabeast revolutions.” Around 34,000 years ago, woolly mammoths went extinct from parts of Europe, only to be replaced by other woolly mammoths that belonged to the same species, but had a different genetic lineage, according to the article. The same event has happened with other large animals that are now extinct. A team of scientists investigated these extinctions using ancient DNA, carbon-dating and climate records. The researchers found when one group of large beasts cycled into another, and, eventually, into extinction, it usually happened during the warm periods, the article states. “In the last two and a half million years, ice ages have been the rule for the Earth’s climate system — the warm periods are the exception,” Gill said. “Given that, it absolutely makes sense that the authors found evidence for more turnover during warmer climates, rather than cold events.” Gill said the results are also of concern in the present. “When it comes to the conservation of elephants, rhinos, or tigers, it’s clear that we need to be conserving the genetic diversity that may be critical to their survival through the coming centuries of warming,” she said.

New research finds increasing potential of compound floods along the U.S. coastline

27 Jul 2015

The confluence of storm surges and heavy precipitation can bring dangerous flooding to low-lying coastal regions, including major metropolitan areas. A new study of the United States coastline by an U.S.-German team of researchers has found the risk of such flooding is higher on the Atlantic coast than the Pacific, and the number of these compound events has increased significantly in many major cities in the past century. The research team was led by Thomas Wahl, a postdoctoral researcher at the University of South Florida and University of Siegen, Germany, and involved four other researchers, including Shaleen Jain, a University of Maine associate professor of civil engineering. Their findings were published online July 27 in the journal *Nature Climate Change*. “The 2013 [Infrastructure Report Card](#) issued by the American Society of Civil Engineers assigned the following grades: levees (D-), ports (C), wastewater (D), roads (D). With this daunting perspective in mind, we sought to quantify the frequency of occurrence of compound flood events, as gleaned from the historical record. We were seeking to learn the spatial patterns of the risk of compound flooding, as well as their variability over the past century,” says Jain. Indeed, similar concerns were raised last week by the U.S. Government Accountability Office (GAO). In a July 22, 2015 report, “[Efforts to Assess the Impact of Extreme Weather Events](#),” GAO reviewed U.S. Army Corps of Engineers efforts to integrate changing risk from weather extremes into planning and operations of water resources infrastructure projects. The report concludes, “As the frequency and intensity of some extreme weather events are increasing, without performing systematic, national risk assessments on other types of infrastructure, such as hurricane barriers and floodwalls, the Corps will continue to take a piecemeal approach to assessing risk on such infrastructure.” The researchers determined that compound events are linked to weather patterns that favor storm surges and heavy rain and snow. For instance, the research team found that storm surges hitting New York City are accompanied by heavy precipitation when a high-pressure system stretches from Newfoundland south over the North Atlantic, where moist air is transported into the low-pressure system. New York is just one of the major coastal cities with populations over 1 million people. In 2010, 39 percent of the U.S. population lived in coastal communities — a number that is expected to continue to increase in the next five years, according to the National Oceanic and Atmospheric Administration in its “State of the Coast” report. Knowing the probability of concurrent storm surges and heavy precipitation could reduce high-impact risks, providing relevant information for

design of infrastructure, and careful consideration of structural (levees, barriers, etc.) and non-structural (forecasts, early warning systems and natural barriers) measures to mitigate impacts. The researchers used hourly storm surge data from 30 tide gauges along the U.S. coastline, and daily precipitation averages from nearby NOAA National Climatic Data Center stations. Complex integrated modeling that includes ocean-atmospheric processes as storm surge, rainfall and river discharge will be needed to understand the detailed nature of local impacts, and possible linkages to climatic phenomena. A news release about the Nature paper is [online](#). Contact: Margaret Nagle, 207.581.3745

Science on tap: Darling worms: a rich legacy of polychaete research

27 Jul 2015

The University of Maine's Darling Marine Center (DMC) is host of the Science on Tap Seminar series at the Newcastle Publick House from 6–7 p.m. Wednesdays. On July 29, the series wraps up with a seminar by Pete Jumars, "Darling worms: A rich legacy of polychaete research." Marine worms are critical food web components. They feed on dead organic material on the seafloor and in turn are food for lobsters, crabs, and bottom fishes. These polychaete worms have been studied at the DMC since its beginning 50 years ago. Research at the DMC has unlocked secrets of polychaete migration, feeding habits, unexpected roles in transferring marine pollution into food webs, and surprisingly fast and efficient means of burrowing through mud. Current and future projects will focus on their roles as pests of oysters and their altered ecosystem functions when nipped (partially eaten) by fishes. Jumars is one of the world's leading experts on polychaete worms, having published comprehensive reviews of this taxonomic group in 1979 and 2015. He studied deep-sea species diversity at the Scripps Institution of Oceanography and received his Ph.D. from the University of California, San Diego. Jumars' current research interests are broad and interdisciplinary — focusing on the ways that physics, chemistry, and geology limit what marine organisms do and how they do it. Jumars is a professor in the UMaine School of Marine Sciences and based at the Darling Marine Center. This summer the DMC is also offering Wednesday Walking Tours of our waterfront facility through Aug. 19. Tours begin at 10:30 a.m. and last about 90 minutes. On Aug. 8 the DMC will host an Open House from 10 a.m.–2 p.m. All events are free and open to the public. Additional information on all these events, as well as Darling Marine Center history, can be found on the [DMC's website](#).

DMC offers free summer Wednesday morning tours

27 Jul 2015

The University of Maine Darling Marine Center offers free, guided, 90-minute tours of its waterfront laboratories at 10:30 a.m. Wednesdays through Aug. 19. Ashley Rossin, an undergraduate student in the School of Marine Sciences and a DMC summer intern, is the tour guide. She recounts the history of the center's founding — 50 years ago this year — and shares her perspective on the DMC today. Scallops, crabs, lobster and squid are subjects of study in the wet lab. The histology lab focuses on deep-sea corals from Antarctica, Alaska and the Gulf of Maine, and the focus of the optics lab is to explore oceans using satellites and robots. Visitors to the aquaculture lab will learn how oysters are farmed and see the algae room where food for oysters is grown. Throughout the tour, scientists and other students will be available to discuss research, explain its significance, and answer questions. Registration is not necessary; those wishing to take a tour can meet at the circle driveway on the lower waterfront campus. The center is at 193 Clarks Cove Road, seven miles from downtown Damariscotta. More information is [online](#).

National Endowment for the Humanities chairman to speak at Northport celebration

27 Jul 2015

The public good and humanities in Maine will be the focus of a keynote address by William Adams, chairman of the National Endowment for the Humanities, at 4:30 p.m. Aug. 13, at Point Lookout, Northport. Adams' address is part of a free public Celebration of the National Endowment for the Humanities and the Humanities in Maine, coordinated by the University of Maine Humanities Center. In addition to the keynote address, Adams will join a panel discussion about the "Historical Atlas of Maine," published in January by the University of Maine Press. Joining Adams on the panel will be Stephen Hornsby, director of the Canadian-American Center at UMaine and a co-editor of the Atlas; University of

Maine Press Director Michael Alpert; Margaret Chernosky, Maine Geographic Alliance; and Anne Kelly Knowles, UMaine professor of history. Panel moderator will be Liam Riordan, director of the UMaine Humanities Center. More information about the event is online. To attend the Celebration of the National Endowment for the Humanities and the Humanities in Maine, RSVP is requested by Aug. 3 by calling 581.3582. The event is sponsored by the Fisher Foundation, the Maine Community Foundation and an anonymous donor.

Lynn Coutts named senior associate director of athletics

27 Jul 2015

University of Maine Director of Athletics Karlton Creech has announced the promotion of head softball coach Lynn Coutts to senior associate director of athletics. Mike Coutts, the associate head coach of softball, has been named head coach. Lynn Coutts was hired in fall 2010 as the head softball coach and spent the previous four seasons at the helm of the Black Bears. In her new role, she will oversee compliance, Title IX, financial aid, student-athlete conduct, sports medicine, sports performance and equipment. She will serve as the liaison to academic support, the NCAA-designated senior woman administrator and a sport program administrator. A member of the University of Maine Sports Hall of Fame, Lynn Coutts graduated from UMaine in 1987 following an All-American senior season. She replaces Eileen Flaherty, who resigned to take a high school athletics director position in Massachusetts. Mike Coutts joined the softball program as an assistant in 2012 and was promoted to associate head coach in spring 2014. A former Black Bear baseball team member and assistant Black Bear baseball coach, Mike Coutts graduated from UMaine in 1982 and earned a master's degree in education/administration from UMaine in 1989.

Brewer quoted in Press Herald article on referendum campaigns

27 Jul 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Portland Press Herald](#) article, "Referendum push a plus, and risk, for Maine Republicans." The effort to pursue referendum campaigns on eliminating Maine's income tax and cutting welfare spending will likely provide short-term benefits for the Maine Republican Party's candidates for election, but poses long-term risks for future legislators and the next governor, according to the article. However, Brewer said much will depend on how the ballot question on eliminating the state income tax is written, when it goes into effect, and whether it offers a plan for dealing with the lost tax revenue. He added ballot questions on the income tax and welfare could benefit Republican candidates, in a year when a presidential election and likely referendums on legalizing marijuana use will attract more liberal voters, the article states. "You have a presidential race in 2016 that generally puts Republicans at a disadvantage in terms of the electorate that comes out (to vote)," he said. "If I were the Republican Party leader, I would want something on the ballot that could counter that, especially if marijuana is going to be on the ballot."

Fond du Lac reporter profiles student ahead of research expedition to Antarctica

27 Jul 2015

[Fdlreporter.com](#), based in Fond du Lac, Wisconsin, reported on Maggie Halfman, a fourth-year marine science student at the University of Maine, who will conduct a research expedition in Antarctica. The Fond du Lac native will travel to a research station in October, where she will conduct an independent project for two months. This summer, Halfman is conducting research at the Darling Marine Center in Walpole in preparation for her trip. "I was pretty taken aback when I found out I would be going to Antarctica, and I don't think it will fully hit me until I am actually there," Halfman said. The trip is being led by Rhian Waller, an associate research professor in the University of Maine School of Marine Sciences, who specializes in the reproduction and development of cold-water and deep-sea invertebrates around the globe. Her research explores how the animals are affected by both natural and anthropogenic environmental change.

Bryant Pond primitive camps reatured in Sun Journal

27 Jul 2015

Summer camps at the University of Maine 4-H Camp & Learning Center at Bryant Pond were the focus of the [Sun Journal](#) article, “Bryant Pond primitive camps teach ‘life-changing’ skills.” The article focused on a two-week Bushcraft Camp. “Bushcraft is our one program that bridges the primitive skills with that of the Maine woodcraft or guiding skills,” said Ron Fournier, conservation education manager at Bryant Pond. “These campers not only learn primitive and traditional skills, but they plan a canoe trip and learn the ways of the traditional Maine guide on a one-week expedition.” Primitive campers immerse themselves in the natural world by learning and practicing outdoor survival skills and earth-based living, according to the article. “Our survivor-based programs focus on survival skills — both primitive and modern,” Fournier said. “These skills then are practiced in the way of team challenges to add in the fun and excitement. There’s a focus on team spirit or rivalry in survivor camps, unlike the noncompetitive primitive camps.”

UMaine to receive \$337,000 for influenza research, WABI reports

27 Jul 2015

WABI (Channel 5) reported the University of Maine has been awarded \$337,100 for influenza research. U.S. Sens. Susan Collins and Angus King announced the award in a press release. The National Institute of General Medical Sciences awarded the grant funding to aid scientists in their study of influenza and the host cells it inhabits to learn how to best manipulate the virus for remedial treatment, according to the release. “The flu’s pervasive and contagious nature makes it a top priority for medical researchers year in and year out,” the senators said in a joint statement. “This research is particularly important for states like Maine with large elderly populations that are more susceptible to the flu. Thankfully, scientists at the University of Maine are hard at work to understand the best solutions for combatting this serious illness, and the grant funding will support them in that important effort.” The full release is [online](#).

BDN article focuses on developer’s work with UMaine to produce natural drinking straws

27 Jul 2015

The [Bangor Daily News](#) reported University of Maine’s sustainable agriculture program is growing and studying winter rye, red fife wheat, triticale — a cross between wheat and rye — and other grains to increase local, organic bread-grain production. The research also will help Bangor native Alex Bennett, who is developing a drinking straw made from the stalks of the grain plants. He is selling straws grown and harvested in Germany and is preparing for his first Maine harvest, according to the article. Ellen Mallory, a professor with the University of Maine Cooperative Extension and in the School of Food and Agriculture who heads the sustainable agriculture program, said UMaine researchers already are studying 10 varieties of wheat and other grains to see how they handle the Maine climate, so adding extra data points for Bennett was easy to accomplish — especially because he’s looking to change the discarded straw into a “value added product,” the article states. The Maine Public Broadcasting Network and [Sun Journal](#) also published the report.

Lynn Coutts named senior associate director of athletics, media report

27 Jul 2015

The [Bangor Daily News](#) and [Portland Press Herald](#) reported University of Maine head softball coach Lynn Coutts has been promoted to senior associate director of athletics, and Mike Coutts, the associate head coach of softball, has been named head coach. Lynn Coutts, a former Black Bear star player, was named softball coach in 2010. In her new role, she will oversee compliance, Title IX, financial aid, student-athlete conduct, sports medicine, sports performance and equipment. She will serve as the liaison to academic support, the NCAA-designated senior woman administrator and a sport program administrator. “I love change. We have some great things coming up at the university and I want to be a part of it,” Lynn Coutts told the BDN. “When I look at my job, I don’t see it as being administrative. I’m still going to be coaching but I’ll be coaching different people.” Mike Coutts joined the softball program as an assistant in 2012 and was promoted to associate head coach in 2014.

Giudice, Corey speak with Portland Monthly about VEMI Lab

27 Jul 2015

Nicholas Giudice, a professor in the School of Computing and Information Science who directs the Virtual Environment and Multimodal Interaction (VEMI) Laboratory at the University of Maine, and Richard Corey, the lab's director of operations, spoke about the lab with [Portland Monthly](#) for an article about the variety of innovation in Maine. VEMI is one of the few laboratories in the country — and the only lab in Maine — to research and study applications of virtual reality and augmented reality technologies with a multimodal focus, according to the article. "People are horrible at imagining things. What we do is allow people to get inside scenarios and actually experience them," Giudice said. VEMI was created in 2008 to serve as a research resource, the article states. "The idea is how we use technology to understand how we interact with our environment. For example, navigation. How do you get from one place to another, and how can technology be used to better navigate a physical space?" Giudice said. Corey said the real-world applications of the research being done at VEMI are broad — from rendering a digital model of proposed wind turbines to assisting the visually impaired with navigating physical spaces.

UMaine, Maine Technology Institute to launch entrepreneurship program

28 Jul 2015

The University of Maine, in partnership with the Maine Technology Institute, is building a startup seed accelerator for Maine entrepreneurs. The pilot program, called Scratchpad Accelerator, starts Aug. 31 in Bangor. Scratchpad Accelerator will work with up to four high-potential, high-growth entrepreneurial teams to validate their customer base, value proposition and business model. The selected startups will participate at no cost and will each receive \$25,000 in seed funding. Participating entrepreneurs will work full time on their businesses, with daily learning sessions, extensive mentor interactions, and a push to develop and test hypotheses as frequently as possible to ensure that their companies are moving in the right direction. The program will culminate with a Demo Day, at which each team will pitch its company to a group of potential investors for additional funding. The accelerator will help entrepreneurs get to "go" or "no-go" decisions quickly — saving them time, money and energy — with the help of the Scratchpad team and statewide supporters. Ideally, the business ideas will lead to commercialization, but even a "no-go" result is considered a win if it shaves off months or years figuring it out. The planning team is building on expertise from the University of Maine and the Maine Technology Institute (MTI). Leading the team is Jason Harkins, associate professor of entrepreneurship in the Maine Business School, in collaboration with Jennifer Hooper, entrepreneur and mentor coordinator at UMaine's Foster Center for Student Innovation, and Joe Migliaccio, MTI's director of business development. The pilot program has long-term implications. The team also will create a Maine accelerator "playbook" that can be shared with other areas of the state, broadening the accelerator to a replicable model for any region. Scratchpad is currently taking applications on its [website](#). The application deadline is Aug. 14. To be eligible, entrepreneurs must have an idea with high-growth potential, a team of collaborators, a commitment to living in the Bangor area during the accelerator and a willingness to work long days for three months. More details about the program are [online](#); questions can be sent to info@scratchpadaccelerator.com.

Mitchell quoted in Morning Sentinel report on Skowhegan school mascot

28 Jul 2015

John Bear Mitchell, Wabanaki Center Outreach and Student Development Coordinator at the University of Maine and University of Maine System Native American Waiver Coordinator, was quoted in a [Morning Sentinel](#) article about Wabanaki representatives planning to protest the American Indian sports mascot of Skowhegan schools. A rally representing the four tribes of Maine's Wabanaki federation is planned for Aug. 6 during Moonlight Madness, part of Skowhegan's annual six-day River Fest, according to the article. Mitchell said the demonstration will be a learning and teaching opportunity. "Any kind of social awareness is beneficial to the message, and the message in this case is to end a very negative imagery associated with the word 'Indian,'" Mitchell said. "When it comes to mascots, we would like to have the final say as to whether or not it's OK that our imagery be played with. The school district should really be utilizing students in trying to find a more appropriate name that honors the history of that town and the surrounding towns."

Water quality study cited in Morning Sentinel article on Belgrade lakes

28 Jul 2015

A 1996 University of Maine study on water quality was mentioned in the [Morning Sentinel](#) article, “Belgrade Lakes water quality could dive in a decade.” A recent analysis of 40 years of water tests indicates that water quality on the lakes is on a downward trend, and if not reversed, could lead to serious water quality issues and widespread algae blooms in as few as 10 years, according to the article. The landmark UMaine study found that water quality has an effect on property values, meaning reduced quality could cause a drop in tax dollars, the article states.

Noodls publishes Q&A with new Darling Marine Center director

28 Jul 2015

[Noodls](#) published a University of Maine profile on Heather Leslie, the new director of the Darling Marine Center in Walpole. Leslie is a marine scientist with expertise in coastal marine ecology; human-environment interactions, particularly those related to coastal marine fisheries; the design and evaluation of marine management strategies; and the translation of knowledge to inform policy and practice. She was named director of the center effective Aug. 1, 2015.

Ippolito speaks about raising kids in digital age on MPBN’s ‘Maine Calling’

28 Jul 2015

Jon Ippolito, a new media professor at the University of Maine, was a recent guest on the [Maine Public Broadcasting Network](#)’s “Maine Calling” radio program. The show, titled “Raising kids in the digital age,” focused on the positive and negative effects of digital culture and screen time on children.

UMaine research mentioned in Ozy Article on drones, robots

28 Jul 2015

Research being conducted at the University of Maine was mentioned in the [Ozy](#) article, “Lost? Send in drones and robots.” Today, search-and-rescue operators — first responders, law enforcement and even volunteers — are using drones and robots to locate individuals more accurately and efficiently than ever before, according to the article. At UMaine, students are creating medical emergency pods that drones will be able to drop. The university’s partnering with a drone manufacturer to develop pods customized for specific situations, such as if someone suffers a bee sting allergy or cardiac problem. The researchers plan to distribute the pods along the Appalachian Trail on an as-needed basis in 2016, the article states.

Portland Phoenix interviews Barkan about maine crime trends

28 Jul 2015

The [Portland Phoenix](#) spoke with Steve Barkan, a criminologist and professor of sociology at the University of Maine, for an article about crime trends in Maine. State data revealed that crime decreased 9.1 percent overall in 2013 — the largest decrease in 20 years, according to the article. However, a recent increase in murders, armed robberies and manhunts have some wondering about changes in statistics, the article states. “I haven’t seen this year’s crime statistics yet, but even if there are more serious crimes so far than last year, the year is barely more than half over, and it’s far too early to know whether this represents a trend or just a blip,” said Barkan, whose areas of expertise include criminology, deviant behavior, and law and society. “So many things can affect crime statistics, including whether people are more or less likely to report victimizations to police and whether the police have consistent crime recording processes from year to year. One bottom line is that Maine remains one of the lowest crime (and therefore safest) states in the nation, even when controlling for population size.”

Boston Globe cites UMaine’s cost of attendance in op-ed on rising UMass tuition

28 Jul 2015

A breakdown of the University of Maine's cost of attendance — tuition and fees — was featured in a [Boston Globe](#) opinion piece on rising tuition at the University of Massachusetts. At UMass, tuition is kept “ridiculously low while fees are piled high like pancakes on a freshman's plate,” according to the article. At the flagship UMass Amherst campus, a variety of fees for 2015–16 add up to more than \$13,000, while tuition is \$1,714, the article states. Some of the fees are going to shrink or vanish, while tuition gets significantly larger. “That's how it's done in other places, such as Maine, where resident tuition at the University of Maine is \$8,370 and fees are \$2,240. Simple,” the article reads.

Washington Post, Forecaster quote Sorg in articles on drug addiction

28 Jul 2015

Marcella Sorg, a research professor with the Margaret Chase Smith Policy Center at the University of Maine, was quoted in a [Washington Post](#) article about a Falmouth, Maine family's painful experience with heroin addiction. The article focused on a 29-year-old man who died of an overdose at his parent's home after briefly getting clean. The man died from an overdose of heroin cut with fentanyl, an opiate that in its legal, prescription form is used to treat post-surgery pain, according to the article. Fentanyl was found in 11 of Maine's 57 heroin overdose deaths last year, according to Sorg, an epidemiologist who is a consultant to the state on drug issues. In its powdery, synthetic, illegal form, fentanyl has been showing up in overdoses around the country. When addicts ingest heroin laced with fentanyl, they consume a more intense dose than they had anticipated, the article states. Sorg also spoke with [The Forecaster](#) for the article, “Portland drug addiction, overdose rates exceed the rest of Maine.” Sorg, who has been reviewing overdose data provided by the state Office of the Chief Medical Examiner since 1997, said the state's increasing problem with opioids is complex and worse in Portland than the rest of the state. The number of overdose deaths in Maine increased 18 percent from 176 in 2013 to 208 in 2014. When Sorg began compiling data, 34 overdose deaths were reported, according to the article. Sorg's data through 2014 shows Portland and Cumberland County recorded 21 percent of the state overdose deaths and 22 percent of overdose deaths due to at least one pharmaceutical opioid, the article states. When measuring deaths caused by illicit drugs including heroin or cocaine, the percentage increased to 33 percent, Sorg said.

Collaborative study finds increasing potential of compound flooding, media report

28 Jul 2015

[Business Insider](#), [Science](#), [Climate Central](#), [The Verge](#), [The Conversation](#) and Coastal Review Online reported on a new study of the United States coastline that found the confluence of storm surges and heavy precipitation can bring dangerous flooding to low-lying coastal regions, including major metropolitan areas. The research team was led by Thomas Wahl, a postdoctoral researcher at the University of South Florida and University of Siegen, Germany, and involved four other researchers, including Shaleen Jain, a University of Maine associate professor of civil engineering. The team found the risk of such flooding is higher on the Atlantic coast than the Pacific, and the number of these compound events has increased significantly in many major cities in the past century. Their findings were published in the journal *Nature Climate Change*. Jain and Wahl wrote a guest post for [The Carbon Brief](#) about the study, titled “How storm surges and heavy rainfall drive coastal flood risks in the US.” [Bloomberg Business](#) published an article on the study and New York's increased chance of flooding, and [Phys.org](#) carried the University of South Florida release on the study.

Learn to Build Root Cellar for Vegetable Storage

29 Jul 2015

University of Maine Cooperative Extension will offer a free introductory workshop on designing, constructing and maintaining root cellars for winter food storage 5:30–7:30 p.m. Thursday, Sept. 3, at the UMaine Extension Somerset County office, 7 County Drive, Skowhegan. Register by Friday, Aug. 28. To register, or request a disability accommodation, call 474.9622 or 800.287.1495 (in Maine), or email tammy.bodge@maine.edu.

Maine Edge Advances August Star Shows at Emera Astronomy Center

29 Jul 2015

[The Maine Edge](#) reported on scheduled public star shows in August at the University of Maine's Emera Astronomy Center. The Maynard F. Jordan Planetarium shows are held 7 p.m. Fridays and 2 p.m. Sundays. Additional shows at 11 a.m. Tuesdays and Thursdays will run throughout the summer. Friday nights in August feature "Origins of Life" and Sunday afternoons feature "Trip Through Space." "Cosmic Colors" will be shown on Tuesdays, with "Black Holes" on Thursdays. Admission to all shows is \$6, and seating is limited.

UMMA Gallery Talk Previewed in Maine Edge

29 Jul 2015

[The Maine Edge](#) advanced an Aug. 19 gallery talk at the University of Maine Museum of Art in downtown Bangor. Artist Niho Kozuru will give an informal talk at noon on Inter/Dimension, an array of sculptures and new two-dimensional works currently on exhibit through Sept. 19. During UMMA's Art@Noon event, Kozuru will discuss her background, process, inspiration and materials, with a brief question-and-answer session to follow, according to the article. All Art@Noon talks are free and open to the public.

Kennebec Journal Reports on Student's Research Trip to Croatia

29 Jul 2015

The [Kennebec Journal](#) carried a University of Maine release on archaeological research conducted by Marissa Bovie, a double major in anthropology and Earth science at UMaine. The Vassalboro native traveled to Croatia in 2014 as part of a team to help build a collaborative network of colleagues from different fields in relation to an archaeological study on urban transformation and landscape change along the Adriatic Sea. This summer, Bovie returned to Croatia as a research assistant with Gregory Zaro, an associate professor and chair of the Department of Anthropology, as well as researchers from the University of Zadar, Croatia, and students from both the University of Zadar and UMaine. The excavation, which is funded by the National Geographic Society, is the next phase in building a long-term program of study concerning human society, environment and climate in the eastern Adriatic region.

Student Entrepreneur Featured in Sun Journal

29 Jul 2015

The [Sun Journal](#) published an article on James Barker, a University of Maine senior studying business finance, and his pellet business. Barker of Turner is director of operations and sales for his family's business, Barker Enterprises Inc.'s Wood Pellet Warehouse on Route 17 in North Jay, according to the article. The business also has a satellite location on Route 4 in Turner. Barker handles all management and coordination of deliveries from Orono, the article states. "I'm a very driven and outgoing individual. Not many kids would work 80 hours a week," he said. "What drives me is achievement. I want to be the best." [Daily Bulldog](#) also carried a report on Barker.

PRI Cites CCI Researchers in Article on Climate Change Effects in Greenland

29 Jul 2015

[PRI's "The World"](#) mentioned two University of Maine researchers in the article, "Here's what climate change looks like from the edge of the Greenland icecap." According to the article, Greenland is melting fast, which is bad news for sea level rise and other effects of climate change. Glaciologist Gordon Hamilton, an associate professor in the Climate Change Institute and School of Earth and Climate Sciences, is leading a research team in Greenland. His team is using laser-mapping to image the calving of Helheim Glacier into Sermilik fjord in unprecedented detail, according to the article. The report also included photos of icebergs in Greenland contributed by Ellyn Enderlin, a research assistant professor in CCI and School of Earth and Climate Sciences.

Maine Autism Institute for Education and Research Benefits from New Funding

29 Jul 2015

A University of Maine-based center that aims to improve outcomes for individuals with autism spectrum disorder through leadership, training, collaboration and research continues to grow with funding from the Maine Department of Education (DOE). The Maine Autism Institute for Education and Research (MAIER), recently was awarded more than \$150,000 from the Maine DOE to advance its work as the state's first autism institute. The funds are in addition to the \$209,802 the department and UMaine's College of Education and Human Development contributed to open the institute in January 2014. The collaborative partnership between Maine DOE and the college was formed to create a statewide system of supports for Mainers who serve children with autism and their families. "Our vision was that parents of kids with autism would say, 'I'm glad I live in Maine because of the resources available for our family here,'" said Jan Breton, director of special services at Maine DOE. "In a short time, the institute has made incredible progress in realizing that vision and improving the quality of life for children with autism and their families." The institute serves as Maine's primary source of education and training related to evidence-based practices for professionals working with children and families with autism spectrum disorders, and for undergraduate and graduate students aspiring to serve children, families, schools and community service providers. For families seeking assistance, the institute offers services, resources and information; support and guidance; as well as tools to contribute to awareness. In its first 16 months, the institute has supported hundreds of professionals who work with children with autism and their families. "We are working to ensure that educators receive the most current, relevant and research-based tools and strategies to support and teach children with autism," says Deborah Rooks-Ellis, an assistant professor of special education at UMaine and the institute's director. "This impacts both the individual with autism and their family, and ensures that all children receive consistent and reliable educational experiences, no matter where they live in Maine." Autism is a developmental disability with varying degrees of severity that affects a person's ability to communicate, reason and interact with others. It can cause significant social, communication and behavioral challenges. An estimated one in 68 children is diagnosed with autism spectrum disorders, according to the Centers for Disease Control and Prevention. Much of the institute's latest funding will be used to expand training in evidence-based practices for teams from Maine school districts to help increase the academic and social success of autistic students. About 9 percent, or 2,776, of the identified children with disabilities in Maine's K-12 public schools have been diagnosed with autism, according to the Maine DOE. In response to this need, MAIER provides training to teams that represent educators working with children with autism from Maine Child Development Services sites and school districts. To date, 28 Maine Autism Leader Teams have been established around the state and applications are being accepted to add a dozen more. The teams focus on students in their district for the purposes of collecting data, implementing evidence-based practices and measuring outcomes. "The overall goal of these teams is to create sustainable change," Rooks-Ellis says. "MAIER helps to support this change by providing both districtwide training and team coaching." Teams receive six days of advanced training throughout the school year to better prepare staff to work with individuals with autism and their families. Teams also are provided on-site coaching from MAIER staff in between training dates to help as they work through training materials, implement strategies, and develop goals such as creating universal strategies for all children in their schools or raising awareness of autism to staff and students. Success of the training and coaching strategies is based on each team's goals and goal attainment. "I consider it a success for schools to recognize the need to put together an autism team and to support the team through the training process," Rooks-Ellis says. An additional support to measure progress is being piloted by Maine Autism Leader Teams, according to Rooks-Ellis. MAIER staff developed an autism program assessment tool to help teams review their delivery of services and practices, as well as create action plans for improvements. The online tool and user guide, along with training and technical assistance, will be available statewide to agencies and districts in spring 2016. Several strategies that have been shown to work well for students on the autism spectrum can be universally beneficial for many students, Rooks-Ellis says. "Team members are responsible for sharing the training information and teaching others within their agency or district, building the understanding and knowledge of all staff," she says. The institute's Maine Family Partnership, a family-led initiative, is working to create a support system for families affected by autism. The group offers online resources and guides as well as educational and social events. Individuals with autism, family members and caregivers are welcome to join the partnership. With the Maine Child Development Services, the institute launched an initiative in July 2014 to support young children with autism and their families through the Early Start Denver Model. The model is a home-visiting, early-intervention program designed to promote language, learning and engagement for children ages 12 to 36 months. Working with UMaine, the institute also established a three-course Graduate Certification in Autism Spectrum Disorders to prepare educators,

administrators and related service providers for a leadership role in the development and implementation of educational programs for students with autism. Six students have earned the certification and 14 are currently enrolled. The Maine DOE's funding will allow expansion of the certificate program. In the first year, the institute has provided training to nearly 400 people at 13 professional development opportunities around the state. The institute will host the second annual Professional Development Series throughout the 2015–2016 academic year. More information and registration is [online](#).

UMaineOnline to Offer Virtual Orientation for MSW Students

30 Jul 2015

Students in the University of Maine's online master of social work program will be able to meet university officials, faculty and classmates in a virtual orientation offered by UMaineOnline. On Aug. 6 and 11, MSW students will be able to take part in one of two mandatory orientation sessions. Using an avatar to represent themselves in the virtual world, students will participate in a meet and greet with program directors, as well as representatives from the graduate school, financial aid office and student services. The pilot program aims to use technology to help students feel more engaged. UMaineOnline plans to use the virtual orientation for other programs in the future, including for general studies. More information about UMaineOnline is on its [website](#).

UMaine Extension Blueberry Statistics Cited in Wiscasset Newspaper Article

30 Jul 2015

The University of Maine Cooperative Extension was mentioned in the [Wiscasset Newspaper](#) article, "Wild blueberries are ripe for the picking." Maine's wild blueberries ripen in midsummer and the picking is usually best following a wet spring, according to the article. UMaine Extension estimates there are more than 40,000 acres of wild blueberries statewide, the article states.

Foster's Advances Judd's 'Historical Atlas' Talk in Alfred

30 Jul 2015

[Foster's](#) reported University of Maine historian Richard Judd will speak as part of a series in Alfred sponsored by The Friends of Alfred Shaker Museum and the Sanford-Springvale Historical Society. On Oct. 4, Judd will discuss the newly published "Historical Atlas of Maine." The atlas is a geographical and historical interpretation of the state, from the end of the last ice age to 2000. It culminates a 15-year scholarly project led by UMaine researchers. Judd and UMaine geographer Stephen Hornsby edited the book that contains cartography by Michael Hermann. The series is offered with support from the Maine Humanities Council, Kennebunk Savings Bank, the Alfred Historical Society and individual donors.

Former Quarterback to Coach at UMaine, BDN Reports

30 Jul 2015

The [Bangor Daily News](#) reported former University of Maine quarterback Marcus Wasilewski has joined the school's sports performance staff as a coach. The sports performance coaches assist athletes with speed, strength and conditioning, according to the article. Wasilewski has served the past three months in an interim role as assistant strength coach and nutrition adviser with the Black Bears. He achieved his Certified Strength and Conditioning Specialist certification in July and has worked as a graduate assistant of exercise physiology at UMaine, the article states. "Marcus was a great performer here as a Black Bear student-athlete. We have high expectations from him and have great confidence that he will be an outstanding teacher, coach and role model," head football coach Jack Cosgrove said.

CCAR, Acadia Harvest Featured on WABI

30 Jul 2015

WABI (Channel 5) reported on Acadia Harvest Inc., a startup business housed at the University of Maine's Center for Cooperative Aquaculture Research (CCAR) in Franklin. The business grows black sea bass and California yellowtail using sustainable land-based aquaculture production. "There are a lot of things here that we do better than what they get in the wild," said Kevin Neves, product and operations manager at Acadia Harvest. "For example, the fish here never get hungry. They're always being fed. That's something a fish in the wild doesn't get, so fish here grow faster than they would in the wild." Currently the company is working with a batch of 5,000 fish — the next batch will be double, according to the report. Ed Robinson, chairman and CEO of Acadia Harvest, said he eventually would like to be able to support as many as 200 thousand fish per year, or about 1 million pounds. "I think the story of a local Maine-grown fish is also attractive to people, and we'd like to bring investment and jobs back into Maine and help build a serious business," he said.

Kersbergen's Weed Control Strategies Cited in Valley News Article on Bedstraw

30 Jul 2015

Richard Kersbergen, a University of Maine Cooperative Extension educator on sustainable dairy and forage systems, was mentioned in a [Valley News](#) article about invasive bedstraw in New Hampshire. Bedstraw has become a concern for farmers as infestations crowd other plants and take over patches of ground and entire fields, according to the article. The problem with bedstraw is that it's of little value for feeding livestock, the article states. The report cites Kersbergen's four different control strategies, each with its own costs and limitations. His strategies include rotating fields, increasing nitrogen fertilizer, applying the herbicide glyphosate or trying one of the powerful new herbicide products that manufacturers say will be more effective against bedstraw. Kersbergen's studies also show that if the prior year's seed rain isn't prevented, the money and hassle most likely won't make a difference, the article states.

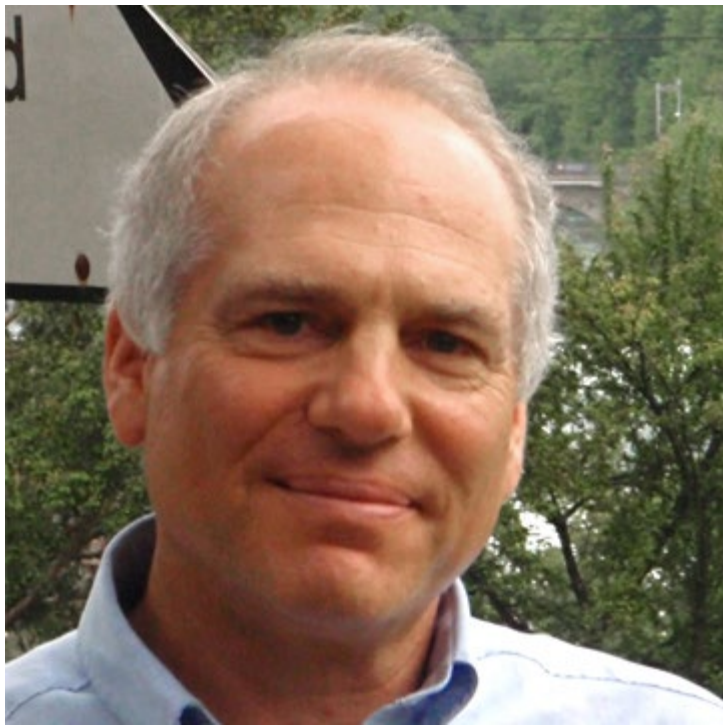
Crittenden Writes BDN Article on Advantages of Dating Later in Life

30 Jul 2015

Jennifer Crittenden, assistant director of the University of Maine Center on Aging, wrote an article for the [Bangor Daily News](#) titled, "The advantages of being an older dater, and tips for finding romance." Nearly 18 percent of adults age 57–64, and 14 percent of adults ages 65–74 are in a dating relationship, the article states. "Being in a relationship can improve health, well-being and expand social support," Crittenden wrote.

Jim Rittenburg: Fascinated by Technology

31 Jul 2015



University of Maine alumnus Jim Rittenburg is captivated by technology, specifically when it's used to make improvements. As an inventor on 11 patents, the technologist and business development executive has experience developing and commercializing products based on advanced technologies. His latest venture is a business he co-founded with his wife, and fellow UMaine alumna, Lorna. The Perkasië, Pennsylvania-based couple formed IC Optix® to develop and commercialize convenient vision aids to assist millions of people in reading product label information. Before IC Optix, Rittenburg worked for 20 years as a vice president for Authentix, a global leader in authentication that provides brand protection and supply chain security solutions. Rittenburg, who was born and raised in Massachusetts, earned three degrees from UMaine — a bachelor's in microbiology in 1976, a master's in animal and veterinary sciences in 1978, and a Ph.D. in microbiology and animal sciences in 1981. **Describe IC Optix and how it started:** IC Optix has recently obtained two patents on a new type of lens technology that can provide consumers with easy and convenient ways to read the small print on health care products, food and agricultural products, and many other items. In the United States and Europe, there are well over 300 million people that have difficulty reading important product information such as ingredient lists, use instructions, recommended dosage, nutritional information and warnings. To accomplish this mission we have developed novel thin film magnifier technology that is integrated into product labels and also into everyday items like pens. We help manufacturers engineer convenient vision aids into their product packaging for easy use by the consumer. We started IC Optix after about three or four years of tinkering with ideas for simple and convenient vision aids. I thought it would be handy to have a decent magnifier that was easy to carry in your pocket and had come up with an idea for creating magnifier lenses on a thin film that could be scrolled in and out of a pen like a roller blind. Lorna saw this and had the idea for making the thin film lens part of a product label or product packaging. After doing some research we realized our ideas were novel, and we filed patent applications to protect the intellectual property. About the same time we filed the patents we decided to form a company to pursue product development and commercialization, and IC Optix was born. **What are your goals for IC Optix?** Our goal for IC Optix is to create products that are useful and genuinely help people. There is a large segment of the population — about 50 percent of the U.S. population — that has trouble reading small print without some form of vision aid. Our goal is to create vision aids that are convenient, unobtrusive and close at hand when needed. To achieve this goal we are working with brand owners to integrate the lens technology with products such as pharmaceuticals, over-the-counter medicines, garden chemicals and many other products that have labels or packaging with very small print. **What interests you about developing and commercializing products?** I have always been fascinated by technology and with using technology to make things better. The process of identifying a problem, coming up with ideas on how to address the problem, and then developing and commercializing solutions to the problem can be challenging, stimulating and ultimately very satisfying. It also can be frustrating at times, but as long as you are convinced that success is one of the possible outcomes, then it pays to be persistent and to keep learning from every result you get along the way. **Why did you decide to study microbiology and animal and veterinary sciences?** Since I can remember, I have been interested in nature and I had originally thought I would major in biology or zoology.

However, once I took an introductory microbiology course I was fascinated by the diversity of the world of “little creatures” that exist in a dimension beyond what we can see with our direct vision. I also felt at the time that the field of microbiology was developing quickly and there would probably be some good opportunities for people with a background in this area. Pursuing a graduate degree in animal and veterinary sciences was a natural progression from my undergrad work in microbiology. Toward the end of my undergraduate degree I was fortunate to meet Bob Bayer who was a professor in the Animal and Veterinary Sciences Department. Bob was conducting very interesting and applied research in both marine and avian science, and he was looking to take on a graduate student that had experience in microbiology — it was a perfect fit. **Did you work closely with a professor or mentor who made your UMaine experience better?** Some of the fondest memories I have of UMaine are the years that I worked on my master’s and Ph.D. degrees under Bob Bayer. Bob was an extraordinary mentor who I will always be grateful to for his inspiration and innovative thinking. Bob has an excellent way of working with students. He encourages his students to embrace new approaches and out-of-the-box thinking, and not to be afraid to challenge convention. **Why UMaine?** Maine had been an annual vacation destination for my family since I was a child, and it led to a love for the outdoors. I knew I did not want to attend college in a city, and I also did not want to go a large university. So when it came time to consider university, UMaine was already high on the list. After checking out the curriculum and following a visit to Orono to look at the campus, I thought this would be a great place to pursue both my academic interests and my outdoor interests. It was the perfect choice. **How did UMaine prepare you for your career?** UMaine had a very good microbiology program that provided a strong foundation for the master’s and Ph.D. graduate programs that I subsequently embarked on at UMaine. In addition to the solid academic training I received, I also found the environment and culture to be very down to Earth. My career has mostly been focused on developing technology in practical ways and applying it to solving problems. UMaine and Maine in general has a strong culture of living life in a practical way and applying practical approaches to solving problems. UMaine provided solid academic training and a balanced outlook on life that has served as a great foundation from which to develop a career. **What was your favorite place on campus?** During undergraduate years my favorite place was the handball courts. During graduate school it would be the Bear’s Den. **Most memorable UMaine moment?** Proposing to Lorna in Hitchner Hall. She was a foreign student from England and had enrolled in a master’s degree program in the Animal and Veterinary Sciences Department and I was just starting my Ph.D. program when I met her. **How does UMaine continue to influence your life?** Bob Bayer and I have continued to stay in regular contact and we compare notes on our respective ventures. I have also participated in lectures at UMaine and the University of Maine at Farmington over the years and Skyped into Bob’s class periodically to speak with his students. There also are some long-lasting friendships that remain today from my years at UMaine, not to mention my 33-year marriage with Lorna. **How often do you visit Maine?** I usually go back to Maine at least two times every year. Every fall I meet up with friends — including Bob Bayer — for a camping trip on the Maine/New Hampshire border. Also every February, I meet up with two UMaine classmates for an annual winter camping trip to hike up a Maine mountain. We have done this nearly every year since we finished undergrad in 1976. **Any advice for students today?** The job scene is more competitive than ever, so it is really important to develop an interesting resume that includes more than just good grades. Internships or summer jobs in a related field are extremely helpful for gaining experience, developing a network, getting references and differentiating yourself from others who do not do this. Being active in clubs or volunteer activities also provides a good break from academics and makes for a more interesting job candidate. **How do you like to spend your time outside of the office?** I have a passion for astronomy and regularly give lectures at our local astronomy club. I also enjoy fly-fishing in various parts of the world for both freshwater and saltwater species. With our kids scattered across North America — from Vermont to Idaho to British Columbia — Lorna and I usually find time to plan trips that include some combination of hiking, camping, fishing and boating. And then there are those trips back to Maine for hiking and camping with old friends.

Littlefield Garden Mentioned in Press Herald Column

03 Aug 2015

The Lyle E. Littlefield Ornamentals Trial Garden at the University of Maine was mentioned in the latest [Portland Press Herald](#) “Maine Gardener” column. The article, titled “Need a break from your summer guests? Send them out to the garden,” mentioned many gardens around the state — including UMaine’s Littlefield garden — that are ideal for visitors. The recently renovated garden has 2,500 species of plants, according to the article.

Bryant Pond Primitive Camps Featured in Sun Journal

27 Jul 2015

Summer camps at the University of Maine 4-H Camp & Learning Center at Bryant Pond were the focus of the [Sun Journal](#) article, “Bryant Pond primitive camps teach ‘life-changing’ skills.” The article focused on a two-week Bushcraft Camp. “Bushcraft is our one program that bridges the primitive skills with that of the Maine woodcraft or guiding skills,” said Ron Fournier, conservation education manager at Bryant Pond. “These campers not only learn primitive and traditional skills, but they plan a canoe trip and learn the ways of the traditional Maine guide on a one-week expedition.” Primitive campers immerse themselves in the natural world by learning and practicing outdoor survival skills and earth-based living, according to the article. “Our survivor-based programs focus on survival skills — both primitive and modern,” Fournier said. “These skills then are practiced in the way of team challenges to add in the fun and excitement. There’s a focus on team spirit or rivalry in survivor camps, unlike the noncompetitive primitive camps.”

UMaine to Receive \$337,000 for Influenza Research, Media Report

27 Jul 2015

WABI (Channel 5) and the [Sun Journal](#) reported the University of Maine has been awarded \$337,100 for influenza research. U.S. Sens. Susan Collins and Angus King announced the award in a press release. The National Institute of General Medical Sciences awarded the grant funding to aid scientists in their study of influenza and the host cells it inhabits to learn how to best manipulate the virus for remedial treatment, according to the release. “The flu’s pervasive and contagious nature makes it a top priority for medical researchers year in and year out,” the senators said in a joint statement. “This research is particularly important for states like Maine with large elderly populations that are more susceptible to the flu. Thankfully, scientists at the University of Maine are hard at work to understand the best solutions for combatting this serious illness, and the grant funding will support them in that important effort.” The full release is [online](#).

Noodls Publishes Q&A with New Darling Marine Center Director

28 Jul 2015

[Noodls](#) published a University of Maine profile on Heather Leslie, the new director of the Darling Marine Center in Walpole. Leslie is a marine scientist with expertise in coastal marine ecology; human-environment interactions, particularly those related to coastal marine fisheries; the design and evaluation of marine management strategies; and the translation of knowledge to inform policy and practice. She was named director of the center effective Aug. 1, 2015.

Hudson Museum Exhibit Features Art by Indian Island School Students

30 Jul 2015

A summer exhibit at the University of Maine’s Hudson Museum features art created by students at the Indian Island School. Students in grades four through eight in artist Michael Vermette’s art classes created sculpture in a variety of media for the exhibit. Works for the show were selected by Jennifer Neptune, the executive director of Maine Indian Basketmakers Alliance; Pam Cunningham, a master basketmaker; Cunningham’s mother ssipsis, an artist and poet; and Gretchen Faulkner, director of the museum. The exhibit is on display through early September in the Merritt Gallery. More information is [online](#).

Pam Wells: Inquisitive landowner

31 Jul 2015

Pam Wells of Old Town owns more than 1,000 acres of land and wants to know the best way to manage her forest. To do so, she enrolled as a student in the School of Forest Resources at the University of Maine. Already a UMaine alumna, Wells holds a bachelor’s degree in anthropology/English that she earned in 1981 and a masters of social work in 1991. She is now considering going for a master’s in forestry. Wells also has been a field instructor for the School of

Social Work and has taught software engineering in the School of Computing and Information Science with her husband. In 2013, she worked with Jessica Leahy, an associate professor of human dimensions of natural resources in the UMaine School of Forest Resources, to help small woodlot owners create a peer-to-peer network in Baldwin. The project aimed to find more efficient ways to serve Maine landowners by incorporating social work strategies — including effective communication and resource-linking skills — into forest management. Wells supervised two social work interns who were involved with the study. Beyond academics and work on her forest, Wells also does website design, wildlife photography and helps her sister on her alpaca farm business. She also enjoys gardening and taking care of her pets and saltwater fish tank. **Describe the land you own:** Our 1,058 acres woodlot is about 10 miles from Old Town in Milford/Greenfield. It abuts the Stud Mill Road and is adjacent to Sunkhaze Meadows National Wildlife Refuge. We allow hunting, fishing, hiking, etc., but our goal is to create a demonstration forest for other woodlot owners and a place for students to conduct wildlife and forestry research. A long-term goal is to have our woodlot provide habitat for wildlife, increase forest productivity, and at some point obtain income from a sustainable harvest. Our property has been harvested extensively for decades. It resembles much of Maine's forests. We purchased it after its last harvest 10 years ago. It has grown a lot since then. Precommercial thinning was performed last year with assistance from NRCS [the Natural Resources Conservation Service]. Several years ago, a crop tree release was performed in a six-acre stand. This year, we have created a "stream team" which consists of both state and federal fish biologists. Our goal will be to restore our portion of the Sunkhaze Stream in order to provide better habitat for trout and salmon. I am also exploring the remains of an 1800s shingle mill. While the most noticeable feature is a large rock wall, there is also a lot of logs and shingles buried in the banks of the stream itself. It provides a wonderful demonstration of how the logging industry altered the Maine landscape. **Why did you decide to pursue this degree? Why now?** I grew up a poor kid in Bangor, Maine. My dad left our family when I was very young and my home life was somewhat challenging. I brought up both my mom and my sister. For me, the forest was safety. I found it both exciting and peaceful. It still is. I also believe it is one path to a better climate for Earth. I very much wanted to be a forester in the '70s. Women were not encouraged to be foresters in the '70s. After graduating in the '80s, I worked in retail management for 10-plus years, then became a licensed clinical social worker in children's mental health. I managed group homes, foster care programs, family therapy programs, case management programs and corrections programs for about 20 years. Finally, I decided to return to my passion — the forest. It has been a long journey. **Why UMaine?** It is close, and I know it well. It is also known as a good school for forestry. **Have you worked closely with a professor or mentor who is making your UMaine experience better?** I would say Shawn Fraver is an amazing professor. He is a great teacher; passionate about his field and willing to have discussions with students. He has managed to put up with my incessant questions even after I finished his class. **What difference has UMaine made in your life and in helping you reach your goals?** UMaine has helped me be who I am in many ways. I would never have done my journey without it. Currently, I am learning so much about my forest because of the classes I attend. I would not be able to have the important conversations with my forester and loggers without that education. **What are the benefits and challenges of being a nontraditional undergraduate? Would you recommend going back to school for those who are considering it later in life?** I do encourage older people to go back for a variety of reasons. First, for knowledge; the world is changing quickly and there is no better place to learn about new possibilities than in a classroom. Second, to enjoy the energy of younger people who are on the cusp of their own journeys. Third, to contribute to the futures of young people. When you are older, you are more willing to ask questions and to share your point of view. That can be invaluable in a classroom discussion. The benefits are outstanding. There are some challenges. In my instance, my last math course was in the early '80s. I say, "What happened to the math in my head?" I think aliens took it. I also have some challenges with field trips. Young people appear to be able to run through the woods a lot faster than I can. Now when did that happen?

Exploring Rogers Farm

31 Jul 2015



As this past spring semester came to a close, researchers and students at Rogers Farm — the sustainable agriculture research facility of the College of Natural Sciences, Forestry, and Agriculture — were gearing up for another busy summer. July 16, the Sustainable Agriculture Field Day was held at Rogers Farm, which featured demonstrations by graduate students, researchers and faculty. Topics included cultivation efficacy, small grain customization, producing and certifying small grain seed, weed management and malt barley varieties for new craft brewing markets. Rogers Farm, located 3.5 miles from the University of Maine, is one of two locations that make up the college's J.F. Witter Teaching and Research Center. As a mixed-usage research site, crops grown on the farm include silage corn, sweet corn, potatoes, dried beans, small grains and mixed vegetables. The farm provides land for the Penobscot County Cooperative Extension Master Gardeners Demonstration Garden and the Black Bear Food Guild, the university's student-run community-supported agriculture program. The farm, purchased in 1947, is used for a wide range of sustainable agriculture research, UMaine Extension and teaching projects year-round.

Barley to Beer In recent years, Ellen Mallory, sustainable agriculture extension specialist and associate professor in plant, soils, and environmental science, has led a large research and outreach program focused on grains for local food, beverage and feed markets. Her current projects include evaluation of barley varieties for craft brewing markets and Danish wheat and rye varieties for bread flour, optimizing nitrogen management for fall-planted grains and forage or feed production with field peas. Her research group also is working with Maine entrepreneur Alex Bennett to grow cereals for a natural drinking straw, a project called "Straw Straws."

Optimizing Potato Research John Jemison, UMaine Extension specialist, recently completed a multiyear project evaluating double crop forage systems and winter canola. Jemison's project is in collaboration with Greg Porter, professor of agronomy and director of UMaine's potato breeding program, to provide a central Maine location for evaluating potato varieties.

Harnessing the Power of the Sun Eric Gallandt, professor of weed ecology and management, leads various research projects at the farm. His research focuses on dynamics and management of annual weeds in organic farming systems. In a new series of field experiments, motivated by questions from Maine farmers, Gallandt and Ph.D. student Sonja BIRTHSEL are studying soil solarization as a weed management practice. Solarization is the practice of controlling agricultural pests by heating the soil using clear plastic mulch that harnesses solar energy. This strategy is an established practice in arid climates, where ambient temperatures and solar radiation are often lethal to weed seeds and soil-borne pathogens. In temperate environments such as Maine, soil solarization is not widely used, but early results indicate it can dramatically reduce weed pressure, creating a "stale seedbed" that is relatively free of weeds before seeding vegetable crops. BIRTHSEL and Gallandt were surprised by the early field results. "When we removed the plastic and found no weeds, we really wondered what was going on," says Gallandt. "We expected the warmer soil to encourage a large flush of weeds that could be killed by tillage before planting." Later, after retrieving

temperature data loggers from the soil, they found soil temperatures at a 4-inch depth were as high as 115 F, conditions lethal to many weed seeds. **Organic Weed Management** Ph.D. student Bryan Brown is working on a project aimed at quantifying multiple dimensions of the performance of four common and fundamentally different weed management strategies to help growers choose a strategy that best fits their production goals. Brown was awarded \$13,147 from the Northeast Sustainable Agriculture Research and Education Association to support this project. The researchers believe successful weed management may be achieved by: intensive, repeated cultivation during the “critical weed-free period” of the crop; comprehensive seed-focused management with a goal of zero seed rain; weed prevention through plastic mulch; or weed prevention through organic mulch. In field experiments comparing these weed management systems, researchers are characterizing both short- and long-term effects, looking at how each system affects soil quality, the weed seedbank and profitability over time. “We were quite surprised last year to find that our longer-term zero seed rain and mulch-based strategies were also the most profitable,” says Brown. The researchers seek to understand factors that motivate farmers to adopt these contrasting weed management strategies and to help growers determine the optimum weed control strategy based on resources and management goals. **Rare Weeds in Northern New England** In a changing climate, rare species are coming into the spotlight. Climate change could lead to local extinctions, or allow for increased abundance and potential new invasions by rare species. In a study led by Gallandt, researchers are determining the abundance and distribution of agronomic weeds. Researchers collected soil samples from 77 farms in Maine, New Hampshire and Vermont. The collected seeds were germinated in a greenhouse and the seedlings were identified to species. They found in Maine, New Hampshire and Vermont that the ratios of rare weed species to total weed species identified were 67:94, 20:64, and 24:67, respectively. This study is a first attempt to identify rare agronomic weeds in Maine’s environment. Further work integrating naturalistic approaches with climate projections could further help to predict potential invasions and identify conservation targets in a changing climate. In July and August, Birthisel and Brown are revisiting Maine farms to survey fields and talk with farmers to identify rare or unusual weeds that could present a problem in the future.

Uncovering Peru’s History

31 Jul 2015

In the lower Chao Valley on the north coast of Peru, University of Maine graduate student Ana Cecilia Mauricio is uncovering history. Mauricio defended her thesis this past May and is expected to graduate from the University of Maine with her Ph.D. in geoarcheology in August 2015. Her research focused on an archaeological preceramic period site called Los Morteros, located in Pampa de las Salinas — an area nestled between iconic Andean foothills to the east and south, the Pacific Ocean to the west and the Chao River to the north. Geoarchaeology is a multidisciplinary approach that combines techniques and subject matter from a variety of Earth science fields to interpret archeological findings. The site was originally thought to be a natural feature, resembling a dune common to the Peruvian terrain. At the start of her research project, Mauricio aimed to uncover what was once under the sand cover of the mound, and to understand how humans utilized the area. Her research showed that the site holds one of the oldest manifestations of monumental buildings in the central Andes. The site — 200 by 200 meters, with its highest point being 15 meters high — contains structures built with mud bricks, scientifically referred to as adobes. The use of adobes is an ancient architectural tradition found in the Andes. The adobes Mauricio discovered in Los Morteros are the oldest reported mud bricks in the central Andes, making the site and region a potential origin for the use of such materials. Growing up in Chimbote, Peru, Mauricio was inspired to be an archaeologist by the rich and ancient history of her homeland. She received her undergraduate degree in archaeology at Peru’s National University of Trujillo before arriving at UMaine in 2009. “I have always worked in Peru, mostly on the central and north coast. It is a region where you can find all periods of prehistory and makes it possible to investigate all sorts of topics. The weather is perfect and the food is wonderful,” Mauricio said. When she was looking into graduate programs, Mauricio was drawn to UMaine for the interdisciplinary opportunities. While in Orono, she enjoyed going to the gym, biking around campus and the beauty that came with the changing of the leaves. “I chose this university because I wanted to develop environmental approaches in Peruvian archaeology,” she said. “I decided on the interdisciplinary master’s program in the Climate Change Institute because you learn about the climate and environment from different perspectives.” She came to UMaine on a Fulbright and subsequently received the Waitt Grant of the National Geographic Society, and the Beca Andina de Investigacion from the French Institute for Andean Studies. Among other accomplishments, she published her first book in June, which described a previous archaeological research project carried out in the Lima region. She hopes to have a second book published in September. Mauricio and her team found the first phase of human occupation in Los Morteros was in the

center and lowest part of the mound, where they discovered stone hearths containing small fish bones, charcoal and scallop shells. The calibrated dates for this occupation are from 5700 to 5400 BP. The second phase of occupation was found at the northwest sector of the mound, where researchers uncovered a large room made of adobes with plastered walls, clay floors and internal architectural features. The third phase of the occupation — and most recorded — was located near the top of the mound. The researchers discovered the remains of stone architecture, including a large room, a stone platform, stone hearths and clay floors. A particular feature of this architecture is the presence of standing stone, which is a characteristic element of late preceramic sites. The feature is locally called huanca a quechua, a word from the ancient language of the the Andes. Mauricio estimated the age of the mound to be at least 7,000 years BP. She used the rate of sand accumulation, which was 10 meters to 12 meters, between the level of stone hearth and the base of the mound to calculate the amount of time passed. She is currently back in Peru and will soon be working as the research director for the archaeological site of Chan Chan — a UNESCO world heritage site — sponsored by the Peruvian government. She plans on continuing her research at Los Morteros. Mauricio's adviser while at UMaine was Daniel Sandweiss, a leader in Andean archaeology and environmental archaeology. Sandweiss is a professor in the Climate Change Institute and the Department of Anthropology, as well as cooperating professor in the School of Earth and Climate Sciences and the School of Policy and International Affairs. Mauricio was a master's student when she first became involved with the site at Morteros in 2010. That year, she helped a team of UMaine researchers, led by Sandweiss, complete a georadar survey of the site — a continuation of preliminary georadar work done in 2006. She then decided to focus her dissertation on what was found. Among the survey team members was Alice Kelley, an assistant professor in the Climate Change Institute, who became one of Mauricio's primary mentors throughout her research project and served on her dissertation committee. "It's very exciting to contribute to building the history of my country with my research," Mauricio said. "I also like very much the fact that archaeology is a discipline where you have to learn about other scientific fields and work in interdisciplinary environments." Contact: Amanda Clark, 207.581.3721

Reeves to Lead Hydrology Talk at Orono Bog Boardwalk

31 Jul 2015

The hydrology of peatlands will be the focus of an August talk through the Orono Bog Boardwalk led by University of Maine professor Andy Reeves. Reeves, a professor in the Department of Earth Sciences who specializes in groundwater flow and solute transport in peatlands systems, will deliver the talk, "Hydrology in Bogs and Fens — Where Does the Water Go?" from 10–11:30 a.m. Saturday, Aug. 8. The discussion will focus on the continuous stream of water that percolates beneath the boardwalk, and how the movement influences the development of peatlands and affects the living ecosystem. Reeves will discuss how groundwater movement is evaluated, the reasons for peat accumulation and recent hydrology research done at the Orono Bog Boardwalk. The walk will start at the beginning of the boardwalk — located in the Rolland F. Perry (Bangor) City Forest. Space is limited to 12 participants and registration is required. To register, email kourtney.collum@maine.edu with your name and telephone number. Use "Boardwalk Nature Walk" as the email subject line.

Hikers Sought for UMaine Event Honoring Fallen Service Members

31 Jul 2015

The University of Maine will host a hike and memorial service to honor fallen service members from UMaine and surrounding communities. The Summit Project (TSP) event will take place Saturday, Sept. 26 with a walk from the Maine Veterans Home in Bangor to Alford Stadium on the UMaine campus for the military appreciation football game. TSP is a nationally recognized, Maine-based service organization, that provides a living memorial to pay tribute to the fallen service members from Maine who have died in the line of duty since Sept. 11, 2001. As part of the event, hikers will carry engraved TSP memorial stones that have been donated by family members to represent their fallen loved ones. Volunteers will learn about the service members whose stone they will carry, write a letter for the service member's family, and read it during a memorial service on campus following the trek. Among the service members to be honored are four fallen UMaine Black Bears: Staff Sgt. David Veverka, Sgt. Nicholas Robertson, 1st Lt. James Zimmerman and Capt. Jay Brainard. The 8-mile walk is expected to take about four hours. About 25 hiking spots are available with preference being given to the military family community at UMaine. Backup hikers may be assigned. A

registration form is available online. Spots are limited. Members of the public are welcome to observe the event along the route, on campus or at the football game. The stones will be on display at the stadium prior to and during the game before becoming part of a temporary TSP display in the Memorial Room of the Memorial Union. More about The Summit Project is [online](#).

UMaine Research Cited in Saga Report on Beneficial Foods, Drinks for Brain Power

31 Jul 2015

Research conducted at the University of Maine was mentioned in the Saga article, “10 ways to feed your brain.” Since 60 percent of the human brain is made of fat, it needs a steady supply of healthy fats, plus other key nutrients, to function at its best, according to the article. The report lists 10 foods and drinks that can boost brain power, including milk. Adults who consume milk or other dairy products daily perform better in brain function tests than those who rarely or never touch dairy, scientists from the University of Maine and University of South Australia have found. The researchers suggest the effect may stem from the specific mix of nutrients found in dairy, which includes calcium, whey protein, vitamin D and magnesium.

Kelley Quoted in Free Press Article on Proposed Searsport Dredging Project

31 Jul 2015

Joseph Kelley, a professor of marine geology in the University of Maine School of Earth and Climate Sciences and Climate Change Institute, was quoted in a [Free Press](#) article on a proposed U.S. Army Corps of Engineers (USACE) dredging project in Searsport. The decision on whether to approve the project to dredge 929,000 cubic yards of bottom sediments from Searsport Harbor is likely to be made by the end of the year after a public hearing this fall, according to the article. The project aims to enlarge the shipping channel and deposit the dredge spoils in the bay six miles away off the tip of Islesboro, the report states. One concern among residents is the dump site, which was chosen by the USACE because it has natural depressions that can be filled with dredge spoils. According to Kelley, the methane that created the pockmarks is still there. He conducted studies of the area two decades ago and advised against dumping dredge spoils at the site when he served as state geologist. Kelley recommended conducting dump tests in the area and tracking resulting sediment plumes to see if they spread, the article states.

Undergraduates Engage in Research with Real World Impact

31 Jul 2015

Two University of Maine undergraduates — Allyson Eslin of Bangor and Jena Rudolph of Old Town — are engaged in research projects at the Senator George J. Mitchell Center for Sustainability Solutions that benefit Maine communities. [Read the full story](#).

Student Works with Communities to Evaluate Fisheries Management

31 Jul 2015

For graduate student Elisabeth Maxwell of Beaumont, Texas, the best part of her research on shellfish fisheries management is working with fishermen who are her close collaborators every step of the way. [Read full story](#).

Mitchell student receives prestigious fellowship

31 Jul 2015

Citing his innovative work on sustainable fisheries management at the Senator George J. Mitchell Center for Sustainability Solutions, Joshua Stoll of Harrington, Maine, a graduate student in the School of Marine Sciences, has been awarded a prestigious yearlong fellowship from the Robert and Patricia Switzer Foundation. [Read full release](#).

Protecting Natural Resources at the Community Scale

31 Jul 2015

A multi-institutional research team is working to understand the vital connections between landowner concerns, municipal planning, conservation activities, and the ecology of vernal pools. The team, led by Mitchell Center Fellow Aram Calhoun, has created a [new website](#) designed to provide information on vernal pools. The site contains a variety of resources on vernal pool ecology, the animals that breed in and use vernal pools, an explanation of state and federal regulations pertaining to vernal pools, and materials developed to assist stakeholders with field assessments and local mapping projects. The research is funded by a grant from the National Science Foundation's Coupled Natural and Human Systems Program.

Aubert Hall renovations nearing completion in time for fall classes

03 Aug 2015

This fall, an estimated 700 University of Maine students will be taking their general chemistry courses in two of the newly renovated laboratories in Aubert Hall. The renovations were made possible as part of a 2013 bond passed by Maine voters for updates and improvements to labs and classrooms on all University of Maine System campuses. UMaine received \$5.5 million of the bond monies to fund facility upgrades in Aubert (\$2.7 million); Little Hall (\$1.7 million); Boardman Hall (\$700,000); and Bennett Hall (\$450,000). The projects chosen were among UMaine's highest-demand classrooms and labs. The improvements in Aubert were in the original wing of the building, constructed in 1911. The other three facilities were built in the 1950s. The renovation work began last summer with improvements to four classrooms in Bennett, and all is being done by Maine contractors. In January, renovation began on an approximately 4,000-square-foot area on the fourth floor of Aubert Hall, focusing on two general chemistry labs, two classrooms seating 50 and 24, a chemistry preparation room, and associated halls and stairways. The fourth-floor renovations ultimately created three new undergraduate teaching areas in underutilized spaces. On the third floor, a 210-seat lecture hall also is receiving substantial renovation. Construction in Aubert is expected to be completed by mid-August. Both renovation projects in Boardman and Little halls started this past May. In the basement of Boardman, construction in civil engineering's concrete lab to improve the quality of the teaching facility is expected to be completed Sept. 1. Little Hall is undergoing extensive renovations in two first-floor lecture halls, as well as major upgrades to the HVAC, electrical and life safety systems. The project is expected to be completed for spring semester classes.

MPBN's 'Maine Calling' to Focus on Darling Marine Center Anniversary, Research

03 Aug 2015

Marine science research and the Darling Marine Center's 50th anniversary will be the focus of the [Maine Public Broadcasting Network's](#) "Maine Calling" radio show at noon Thursday, Aug. 6. Guests will include University of Maine scientists Bob Steneck, Larry Mayer and Chris Davis, as well as Heather Leslie, the center's new director. The guests will reflect on scientific research conducted at the DMC related to fisheries, citizen science and aquaculture, and the effects of that science. They also will discuss future research projects and new objectives for the center. The Darling Marine Center in Walpole began in 1965 when Ira C. Darling donated his 127-acre property on the Damariscotta River to UMaine to develop an oceanography program. The center — now a destination for UMaine marine researchers and students, scientists from around the world and area schoolchildren — is celebrating its 50 anniversary with talks and walking tours this summer and an open house on Aug. 8. More information about the center's anniversary events is online.

Bayer Quoted in Lakes Region Weekly Report on Orange Lobster

03 Aug 2015

Robert Bayer, executive director of the Lobster Institute at the University of Maine, was quoted in a Lakes Region Weekly article about a Windham lobsterman who caught a bright orange crustacean in the Gulf of Maine. Statistics say

a lobster of that color is about one in 30 million, according to the article. However, Bayer says nobody knows how accurate those statistics are because there is no way to estimate accurately how many oddly colored lobsters there are without them being caught. He said that while albino lobsters are extremely rare, the orange lobsters are comparatively common. “We see these every year. And we see a variety of genetic variants every year. We see red ones and blues and calicos,” Bayer said, adding there’s a lot of public interest in odd-colored lobsters. “It’s always baffled me,” he said.

BDN Cites Shellfish Program in Article on Changing Clamming Industry

03 Aug 2015

A course offered at the Harpswell Heritage Land Trust in February was mentioned in a [Bangor Daily News](#) article about finding new ways for lifelong clammers to continue to make a living on the flats as the industry changes. The course, which was funded through the National Oceanic and Atmospheric Administration and organized by the Maine Sea Grant Program, the University of Maine, Maine Aquaculture Association, Maine Aquaculture Innovation Center, Coastal Enterprises Inc. and the Island Institute, brought together a large group of biologists, professors, fishermen and other experts. The group met weekly to learn about shellfish biology, shellfish management, site selection, gear and biosecurity, or biological threats to shellfish, according to the article.

UMaine Extension’s Tick ID Lab Cited in Bangor Metro Article on Lyme Disease

03 Aug 2015

The University of Maine Cooperative Extension’s Tick ID Lab was mentioned in a Bangor Metro article on learning from Lyme disease. In the last few years, more than 1,000 Lyme disease cases were reported annually in Maine, according to the article. The disease comes from infected deer ticks that transmit the *Borrelia burgdorferi* bacteria to humans when they bite. The Tick ID Lab at UMaine offers a free identification service to determine what kind of tick has bitten a person, the article states. However, no labs in Maine can test a tick for Lyme disease.

Engineering Students Cited in WABI Report on Lombard Steam Log Hauler

03 Aug 2015

Work by University of Maine mechanical engineering students was mentioned in a WABI (Channel 5) report about the Maine Forest and Logging Museum’s event celebrating logging machinery of the past. A Lombard steam log hauler, famous for being the first successful vehicle to run on tracks, was on display at the Bradley museum, according to the report. The log hauler was invented and built in Waterville between 1910 and 1917 and was the subject of a 2014 UMaine capstone project in which students restored the machine to working condition.

Artist Speaks with Bangor Metro about Current UMMA Exhibit

03 Aug 2015

Artist Anna Hepler spoke with Bangor Metro about her current exhibit at the University of Maine Museum of Art in downtown Bangor. “Anna Hepler: Blind Spot” is on display through Sept. 19. The exhibit features small ceramics and metal sculptures, according to the article. Most of the art featured in the show was created this year, Hepler said. “It’s all quite abstract, but using forms and patterns in different ways,” she said. [The Portland Phoenix](#) also published an article on the exhibit.

Boothbay Register Reports on New Darling Marine Center Director

03 Aug 2015

[Boothbay Register](#) published a University of Maine news release announcing the new director of the Darling Marine Center in Walpole. Heather Leslie, a leading conservation scientist, was named director of the center effective Aug. 1, 2015. Leslie is a marine scientist with expertise in coastal marine ecology; human-environment interactions, particularly

those related to coastal marine fisheries; the design and evaluation of marine management strategies; and the translation of knowledge to inform policy and practice.

Down East Touts ‘Historical Atlas of Maine’

03 Aug 2015

The August 2105 issue of [Down East](#) magazine describes the recently published “Historical Atlas of Maine,” as a sophisticated, accessible book that “visualizes everything you never realized you wanted to know about Maine history.” The atlas is the brainchild of the late Burton Hatlen, a former University of Maine professor of English. The 208-page book, packed with 367 original maps, 112 original charts and 248 other images, was edited by UMaine historian Richard Judd and UMaine geographer Stephen Hornsby, with cartography by Michael Hermann. “It’s a cartographic time machine chock full of eye candy ... chronicling the cultural, geographic, environmental, and economic factors that shaped the Pine Tree State,” reads the introduction of the two-page spread.

Teisl, Ph.D. Student Write Article on Water Quality for BDN

03 Aug 2015

Kate Warner, a Ph.D. student in ecology and environmental sciences at the University of Maine, and Mario Teisl, director of the UMaine School of Economics and professor of resource economics and policy, wrote the [Bangor Daily News](#) article, “Why there’s cause for concern with Maine’s water supply.” The article is a summary of “Water Quality in Maine,” the sixth quarterly report analyzing critical economic indicators in Maine released by UMaine’s School of Economics and the Maine Development Foundation. The publication is part of a series that explores the economic indicators in “Measures of Growth,” the Maine Economic Growth Council’s annual report on the critical issues affecting Maine’s economy. [Natural Resources Council of Maine](#) also carried the BDN article.

California middle school students connecting with UMaine through college-readiness program

03 Aug 2015

Black Bear pride is in full force at a middle school in Los Angeles, California, where a classroom of 23 students is focusing on the University of Maine to learn about college, what it takes to get there and how to succeed. The students in UMaine alumna Caitlin Rafferty’s sixth-grade advisory group chose the university as the college they are most interested in and want to research. “The students love UMaine and get excited any time we learn more about it or watch sports highlights,” Rafferty says. Alliance Kory Hunter Middle School is a free, public charter school. It is under the management of the Alliance College-Ready Public Schools, a nonprofit organization that aims to open and operate a network of small, high-performance charter middle and high schools in historically underachieving, low-income, overcrowded communities in Los Angeles. Rafferty, who graduated from UMaine in 2010 with a bachelor’s degree in elementary education and holds a master’s degree in curriculum and instruction from California State University Long Beach, is a founding teacher of the school. She teaches English and history to sixth-graders. As a college-ready academy, the school’s curriculum includes having weekly discussions about college, using technology to “visit” college campuses, exploring areas of study, introducing other parts of the country and identifying academic strengths needed to be successful in higher education. “I find it amazing that these young people — who have never traveled outside the state of California — have become so invested in a state and university so far across the country,” Rafferty says. Sixth-graders in the school select a college they would like to learn about and represent throughout their three years of middle school. They work with the same teacher and advisory group in order to foster strong, long-term relationships and establish consistency. When students reach eighth grade, the goal is to hold a college fair for the students and community to explore college and career readiness. “As a college-ready school, our focus is to start children thinking about higher education early, as we prepare them academically and socially,” Rafferty says. “The connection to the University of Maine extends my students’ thinking beyond their community, and enables them to consider the range of possibilities for each of their futures.” Rafferty’s students have developed UMaine cheers, created posters with UMaine logos, designed UMaine T-shirts, and decorated the classroom door to show UMaine pride. A primary concern for Rafferty’s students is paying for college, she says. Having shared her own family’s experiences with financial aid, work

study and scholarships, she hopes the students can hear more on the topic from current UMaine students and financial aid officers. Rafferty's students already have Skyped with a graduate assistant and some UMaine tour guides. As part of the coming school year's curriculum, Rafferty plans to focus on exploring careers and concentrations of study, and hopes her group will be able to communicate with more UMaine students.

Young's fellowship out of this world

03 Aug 2015



University of Maine civil engineering doctoral student Andrew Young has been named a 2015 NASA Space Technology Research Fellow for his work on the Hypersonic Inflatable Aerodynamic Decelerator (HIAD) project at the Advanced Structures and Composites Center. A HIAD is a nose-mounted device on a spacecraft that slows the craft as it enters a planet's atmosphere. The NASA technology is intended to make it possible for a spaceship large enough to carry astronauts and heavy loads of scientific equipment to explore Mars — 34,092,627 miles from Earth — and beyond. UMaine is assisting NASA by testing its structures in the lab and analyzing stresses and deformations in the HIAD. Bill Davids, the John C. Bridge Professor and chair of the Civil and Environmental Engineering Department, and Andrew Goupee, Libra Assistant Professor of Mechanical Engineering, are Young's advisers. NASA annually selects a group of graduate and doctoral students to become NASA Space Technology Research Fellows. The goal is to sponsor U.S. citizen and permanent resident graduate students who show significant potential to contribute to NASA's goal of creating innovative new space technologies for the nation's science, exploration and economic future. The yearlong fellowship includes a 10-week visiting technologist experience, providing Young with the opportunity to work and collaborate with engineering experts in his field. To learn more about the HIAD project at UMaine, visit umainetoday.umaine.edu/archives/fall-2014/safe-space and umainetoday.umaine.edu/archives/fall-2014/safe-space/testing-technology-that-could-land-people-on-mars. Contact: Josh Plourde, 207.581.2117

Pie Bake-off at Cumberland County Extension Meeting

04 Aug 2015

Cumberland County Extension Association (CCEA) will hold its annual meeting 6 p.m. Wednesday, Sept. 9 at the University of Maine Regional Learning Center, 75 Clearwater Drive, Falmouth. An hour before the public meeting, a light meal will be served, including dessert featuring entries from the annual pie bake-off. Sponsored by King Arthur Flour, the contest is open to all attendees, and recipes will be included in a Cumberland County UMaine Extension cookbook. The program includes a talk by Maine State Sen. Justin Alford on "Growing Maine's Agricultural Future: Kids and Local Food," the election of CCEA officers, and recognition of UMaine Extension volunteers. More information and guidelines for the pie bake-off are available online; by calling 781.6099 or 800.287.1471; or emailing extension.cumberland@maine.edu. To request a disability accommodation, call 781.6099.

UMaine, Maine Technology Institute Launching Entrepreneurship Program, Mainebiz Reports

04 Aug 2015

[Mainebiz](#) reported on a new startup accelerator program offered by the University of Maine and Maine Technology Institute. The pilot program, called Scratchpad Accelerator, starts Aug. 31 in Bangor for up to three startups that have “high-growth potential.” Scratchpad is [accepting applications online](#) through Aug. 14. After the deadline closes, Scratchpad will choose businesses that will each receive seed funding, mentoring guidance and daily learning lessons throughout the program’s duration, according to the article. The program also will help the businesses fast-track ideas, which Scratchpad’s organizers said will help them save time and money, the article states. Scratchpad also was mentioned in the [Bangor Daily News](#) blog, "Back to Business" and [Portland Press Herald](#) blog, "The Startup Line."

Brewer Speaks with BDN about 2nd Congressional District Democratic Primary

04 Aug 2015

Mark Brewer, a political science professor at the University of Maine, spoke with the [Bangor Daily News](#) for an article about the Democratic primary for Maine’s 2nd Congressional District. Although the primary isn’t for 10 months, the race has become competitive with Bangor City Councilor Joe Baldacci recently joining Emily Cain, a former legislator from Orono who ran against Republican Bruce Poliquin when the seat opened last year, according to the article. Baldacci, the brother of former Maine Gov. John Baldacci, could benefit from the name recognition that comes with a famous last name, Brewer said, adding it may do more harm than good depending on favorability ratings of the Baldacci name today. Cain is widely perceived as the Democratic establishment’s pick, having been recruited early by the party for a second run with support from party leaders, the article states. “Those people usually don’t make uninformed decisions, and don’t devote financial support without good reason to do so,” Brewer said. “That tells you these people have already decided she’s the best candidate in the race.” As far as Poliquin’s chances go, Brewer said the armor of incumbency grows stronger over time. Brewer also was quoted in [Roll Call](#) and [Maine Public Broadcasting Network](#) reports on the topic.

Moran Reports Research Farm Storm Damage to Kennebec Journal

04 Aug 2015

The [Kennebec Journal](#) reported Highmoor Farm, the University of Maine’s research farm in Monmouth, reported significant crop damage from a recent hail storm. Renae Moran, a tree fruit specialist with University of Maine Cooperative Extension, said the farm sustained a complete apple crop loss because of the hail. The fruit will likely still be used for cider and research, she said. However, a lot of the research being done on the farm’s vegetable crops, won’t be salvageable, Moran said. WLBZ (Channel 2) also reported on the storm damage.

Wahle Quoted in Bloomberg Article on Lucky Lobsters in China

04 Aug 2015

Rick Wahle, a University of Maine research professor at the Darling Marine Center, was quoted in the [Bloomberg Business](#) article, “Lucky lobsters jam China flights, sending U.S. prices to record.” Every week for the past seven months, about 60,000 live lobsters are shipped from Halifax, Nova Scotia, to Shanghai, according to the article. A surge in lobster demand from China has caused exports from Canada and the U.S. to skyrocket, and American prices are the highest ever. Lobsters are viewed as a status symbol in China, and their red color is considered lucky, the article states. “Cooked lobster does the trick,” Wahle said. [The Business Times](#) and [Bangor Daily News](#) also carried the Bloomberg article.

Down East Blueberry Harvest Delayed, Yarborough Tells BDN

04 Aug 2015

The [Bangor Daily News](#) reported the beginning of the blueberry harvest has been delayed in the Cherryfield area, which could mean a lower than average harvest for the year. David Yarborough, a blueberry specialist with the University of

Maine Cooperative Extension and professor in the School of Food and Agriculture, said harvesting that was originally scheduled to start Monday won't begin until the end of the week or possibly next week. Yarborough said cold weather — with Jan. 1 through July 31 being the coldest on record — is likely what caused the delay in blueberry growth. Assuming the harvesting is done near the end of August, the delayed start will mean a yield of less than the annual average of 90 million pounds, he said, adding it is still too early to predict exactly what effect the delay might have on the overall yield.

Steneck Quoted in Business Insider Report on High Lobster Demand, Prices

04 Aug 2015

University of Maine marine scientist Bob Steneck was quoted in a [Business Insider Australia](#) article about high lobster prices due to a surging demand and abnormal ocean conditions. Lobster prices usually go down in the summer as lobster fishermen bring in more soft-shelled lobsters, but not this year, according to the article. Lobsters usually molt twice a year, but because of the harsh winter, the crustaceans might only molt once, the article states. There might not be enough time for lobsters to grow and molt again before cold winter waters arrive, Steneck said, which could decrease the overall lobster landings for the year and keep the price high. [Yahoo Finance](#) also carried the Business Insider article.

Inquisitr Cites UMaine Research on Toxic Chemicals Found in Plastic Bags

04 Aug 2015

Research conducted at the University of Maine was cited in the [Inquisitr](#) article, "Plastic bags threaten human health, according to a recent study." Researchers at UMaine and Haereticus Environmental Laboratory found that a chemical in plastic bags made to U.S. FDA food-grade specifications had high levels of a toxic chemical called nonylphenol (NP), according to the article. UMaine marine scientist Heather Hamlin and colleagues discovered that one type of plastic bag commonly used to transport fish home from pet stores released NP in concentrations that are highly toxic to fish. The plastic bag from one manufacturer killed 60 percent of the fish within a 48-hour incubation, and fish that survived being held in the bags all died within eight days of being released into an aquarium, the article states.

Mayewski Guest on TideSmart Talk Radio Show

04 Aug 2015

Paul Mayewski, director of the University of Maine Climate Change Institute, was a recent guest on the national weekly radio show [TideSmart Talk with Stevoe](#). Mayewski spoke about leading the CCI, current research and how climate change will affect Maine.

BuzzFeed News Quotes Camire in Article on Artificial Ingredients

04 Aug 2015

Mary Ellen Camire, a University of Maine professor of food science and human nutrition and Institute of Food Technologists president, was interviewed for the [BuzzFeed News](#) article, "What is an artificial ingredient, anyway?" Some of America's biggest fast-food chains have recently announced their menus are going natural, and giant food manufacturers including General Mills and Kraft have announced they are removing artificial ingredients, according to the article. However, removing artificial ingredients isn't likely to have any effect on health because natural and artificial flavors really aren't that different, the article states. Camire said the fixation on paring down ingredients is "elitist." "Certainly for people who are starving, [preservatives] would be nice to have," she said, adding that many people assume — without scientific evidence — that food is bad if it's a chemical or produced by a big company. [DailyNews724](#) also carried the BuzzFeed report.

Princeton Review names UMaine among the best

05 Aug 2015

The University of Maine is one of the 380 best colleges nationwide, and for a second consecutive year, the only public university in Maine to be profiled by Princeton Review in its annual guide. UMaine's inclusion in *The Best 380 Colleges: 2016 Edition* marks a decade of recognition by Princeton Review. This spring, UMaine also was named one of the Top 50 Green Colleges in the nation by Princeton Review, part of the sixth annual guide to the most environmentally responsible higher education institutions in the country. According to Princeton Review, colleges are selected based on the quality of their academic programs. Profiles of the colleges and universities reflect the perspectives of 136,000 students surveyed on academics, campus life and the student body. UMaine students told Princeton Review that the university's strengths are in providing "a quality education, preparing us for the working world and helping to promote an environmentally friendly future." They cited UMaine's comprehensive academic offerings, extensive undergraduate research opportunities and world-class faculty who "genuinely care about the progress of their students." The Princeton Review is an education services company known for its tutoring, test-prep programs, books, admission services, and other resources for students. UMaine's full profile is [online](#). More excerpts from the "Students Say" section of UMaine's profile in *The Best 380 Colleges: 2016 Edition* are below: **Academics** Many students, particularly those for whom the Orono campus is "close to home," love that the school's "tuition is affordable" and "financial aid was fantastic." But UMaine's value doesn't compromise academic quality: the university offers a "great engineering program," a "wonderful music program," "highly respected forestry and natural resource programs," a great "marine science program and Semester by the Sea program," and a host of other academic concentration opportunities. UMaine makes sustainability learning and practice a priority: It's a "very 'green' school that both cares about its students and the environment." The university's "difficult professors" will "ensure you learn the material," and provide students with a connection to "to highly recognized people in (their) field." One student says: "The majority of the faculty members are brilliant and genuinely care about the progress of their students." Another student extols, "I've had three of the greatest teachers I've ever had here already." From the undergrads' perspective, "The majority of my professors really enjoy what they teach, and I think that really has an impact on whether their students do well or not." Faculty and staff are "supportive and helpful people that make me proud to be a Black Bear" who facilitate valuable undergrad research opportunities in any field. Students cited the "top-notch" campus resources, especially the Career Center, library and Counseling Center, helping ensure that "UMaine students are prepared to handle college life, as well as post-grad." Students also appreciate the honors program, "which is a fantastic group of thinkers from all majors." In all aspects of UMaine's education, "I am encouraged to think for myself, and work on projects that I want to be a part of, in a wide range of subjects." True to its motto, UMaine's students call it the "College of our hearts, always." **Campus Life** UMaine students love to join "clubs that take advantage of natural beauty that Maine has to offer" or hike "beautiful trails around Orono." "Outdoor activities" like "skiing and walking" abound, and "Frisbee is a pretty big thing." The campus is "very active and the people are very open and friendly." People display some "health awareness," appreciate the tobacco-free campus and transportation services, and find that the dorms are great. "Generally, everyone is really nice and neighborly," there's always something to do either on campus or off, and there's a sense of community. Contact: Margaret Nagle, 207.581.3745

Maine Business School to Hold Information Sessions for New Online MBA Program

05 Aug 2015

The Maine Business School at the University of Maine is offering information sessions in Belfast and Orono for its new online master's in business administration program. UMaine's 30-credit program makes it possible to have a job and get an MBA while studying online or in live classes. The innovative MBA program is designed to meet the needs of working professionals seeking advancement, and of employers wishing to develop their management leaders. World-class faculty provide an engaged and dynamic educational experience that provides a solid, broad-based foundation in the business core areas, with an emphasis on leadership, communication skills, and the ability to adapt to and manage in a rapidly changing environment. Since 1974, the Maine Business School has been accredited by the Association to Advance Collegiate School of Business (AACSB) — the first internationally accredited business school in the state. To learn more about the program, join faculty and staff from 4–6 p.m. Thursday, Sept. 10 at UMaine's Hutchinson Center in Belfast, or 4–6 p.m. Thursday, Sept. 17 at the D.P. Corbett Business Building on the UMaine campus in Orono. Registration is [online](#).

White House Recognizes Project>Login

05 Aug 2015

Educate Maine's Project>Login campaign received a "TechHire Community" designation during the inaugural White House Demo Day in Washington, D.C. on Aug. 4. The program joins 21 other cities and states that recently received the designation, according to a Project>Login news release. The TechHire Initiative, launched by President Barack Obama in March 2015, is a multisector effort and call-to-action to empower Americans with the skills they need to become qualified for technology jobs, the release states. Project>Login is a nonpartisan public-private partnership charged with expanding the network of computing and IT professionals in Maine through engagement, education and employment opportunities. It was launched in March 2013 by several Maine-based employers, in partnership with the University of Maine System. The full news release is [online](#). The [Bangor Daily News](#), Maine Public Broadcasting Network and [Mainebiz](#) reported on the recognition.

Maine Insights Reports on Scientists' Discovery of Ocean Chloride Buried in Sediment

05 Aug 2015

[Maine Insights](#) carried a University of Maine news release about Darling Marine Center researchers being part of a team that discovered chloride — the most common dissolved substance in seawater — can leave the ocean by sticking to organic particles that settle out of surface water and become buried in marine sediment. The discovery helps explain the fate of chloride in the ocean over long time periods, including ocean salt levels throughout geological history, said marine scientists Lawrence Mayer and Kathleen Thornton.

Mahon Writes Op-Ed for Press Herald

05 Aug 2015

John Mahon, the John M. Murphy Chair of International Business Policy and Strategy at the University of Maine, wrote an opinion piece for the [Portland Press Herald](#) on the University of Maine System's finances.

Brewer Speaks with MPBN about Presidential Race

05 Aug 2015

Mark Brewer, a political science professor at the University of Maine, was interviewed for the [Maine Public Broadcasting Network](#) report, "Maine could become lightning rod in 2016 presidential race." As the number of candidates seeking the GOP nomination for president grows, Maine could draw some of national political spotlight, depending on how Republicans in the state decide to select their 23 delegates, according to the report. Brewer said Iowa and other caucus states have shown candidates can have an effect that carries forward to other states by helping with momentum and fundraising, the report states. "Caucuses generally tend to bring out the most committed partisans and also tend to highly reward boots on the ground and strong organization," he said.

Acadia Harvest's Research Operations at UMaine Cited in Huffington Post Blog Article

05 Aug 2015

Acadia Harvest Inc., a startup business housed at the University of Maine's Center for Cooperative Aquaculture Research (CCAR) in Franklin, was included in the [Huffington Post](#) blog article, "As Maine's waters warm, a seafood investor fosters climate resiliency." Coastal Enterprises Inc. (CEI), a nonprofit community development lender based in Wiscasset, has provided capital for a lobster processing plant, sea-vegetable producers and Acadia Harvest to help fishermen and women diversify their incomes in the face of changing fishing patterns, according to the article. Acadia Harvest, which is pioneering techniques for sustainable aquaculture, needed matching funds to qualify for state funds to grow several thousand California yellowtail, the article states. CEI provided \$100,000 to Acadia Harvest to increase the scale of its research operations at UMaine.

Concord Monitor Reports on Student's Summer Construction Job

05 Aug 2015

The [Concord Monitor](#) published an article on University of Maine student Austyn Shea's summer construction job. Shea of Concord just completed his freshman year at UMaine where he is studying construction management. Shea, who said he wanted to use his summer to gain valuable real-world experience in the construction industry, secured a summer internship with Concord-based Milestone Engineering & Construction, according to the article. "One of the most important things these days is having actual experience and not just a degree," Shea said.

UMaine Study Cited in Psychology Today Blog Post on Friendship

05 Aug 2015

A 2003 University of Maine study led by psychology professor Douglas Nangle was cited in a [Psychology Today](#) blog post titled "What I've learned about friendships in my 20s (so far)." The researchers found support that emphasizes the importance of having mutual friendships that extend beyond one best friend, according to the article. They found that having friends and acquaintances outside a best friend can help protect against feelings of loneliness and depression, the article states.

NOAA Fisheries Reports on Ph.D. Student's Atlantic Salmon Smolt Research

05 Aug 2015

NOAA Fisheries reported on new Atlantic salmon smolts research led by Dan Stich, a NOAA Fisheries biologist who conducted the study as a Ph.D. student at the University of Maine. The study, which recently appeared in the journal *Marine and Coastal Fisheries*, showed that even if young smolts survive the initial hazard of passing through and around dams, they may suffer injuries that make them more likely to die days or weeks later in the estuary, according to the article. "The effects of dams aren't limited to a 500-meter stretch below the dam, but extend tens of kilometers out to sea," Stich said. "In fact, the number of fish killed by the delayed effects of dams can be greater than the number killed at the dam itself." Atlantic salmon are endangered in the United States, and these findings suggest that making dam passage safer for smolts can help the recovery of the species, the article states.

'Lego Movie' Screening at Alford Stadium Postponed

05 Aug 2015

Due to predicted thunderstorms, the University of Maine's free screening of "The Lego Movie" originally slated for Wednesday, Aug. 5 on Morse Field at Alford Stadium has been rescheduled for 8 p.m. Thursday, Aug. 6. Members of the public are encouraged to bring blankets or chairs to watch the film on the high-definition video scoreboard. UMaine football team members will greet fans and provide free snow cones during the event presented by CU Promise. More information is available by calling 207.581.1086.

Upward Bound celebrates 50th anniversary Aug. 8 at UMaine

05 Aug 2015

Dr. Betty McCue-Herlihy will attend Upward Bound's 50th anniversary reunion at the University of Maine on Saturday, Aug. 8 to celebrate the organization's power to change lives. It did hers. Growing up in the 1960s, McCue-Herlihy says her family was poor. She, her nine siblings and their wonderful parents lived in a home without indoor plumbing in a small, rural Maine town. She vividly remembers being called names and despite doing well in school, being routinely placed in classes that were below her ability. "In the 1960s, being poor was equated with not being able to succeed," she says. When McCue-Herlihy entered her first year of high school, the then-director of Upward Bound invited her to attend the summer program at UMaine. That summer, and the next three, McCue-Herlihy says she didn't have to worry about being hungry or sleeping in a crowded bed with siblings. She went on trips to Prince Edward Island and Mount

Katahdin. She remembers feeling welcome, included and equal in all the discussions and activities. “They told me, ‘You are somebody,’” she says. “It didn’t matter that I was poor. I was treated as a person that had smarts and I was rewarded for that. Going back to [high] school was very difficult.” Upward Bound, which began at UMaine in 1965–66, provides support to youth from low-income families to prepare for college. The goal is to increase the rate at which participants complete secondary education and enroll in and graduate from colleges and universities. McCue-Herlihy went on to earn her undergraduate degree in sociology, her master’s in community agency counseling and her Ed.D. in counselor education, all at UMaine. Today, she is the assistant director for the TRIO Cornerstone Program at the University of Maine at Augusta-Bangor. The program assists students from low-income families, as well as first-generation college students and students with disabilities. Her email signature block contains a quote from Nelson Mandela: “Education is the most powerful weapon which you can use to change the world.” McCue-Herlihy says her job is most rewarding when students believe they can do something and find their voice. “Poverty takes voices away,” she says. A couple of years ago, McCue-Herlihy was presented with a Maryann Hartman Award for her demonstrated leadership and role modeling in her field and for reflecting and honoring Hartman’s commitment to women and community. McCue-Herlihy says she’s looking forward to celebrating the power of people at Upward Bound’s 50th reunion and meeting others who have been buoyed by the program. As many as 400 alumni are expected at the celebration, says Becky Colannino, director of TRIO Upward Bound Math Science at UMaine. Colannino says since 1966, Upward Bound at UMaine has served approximately 2,000 students. The agenda for the reunion, which will be held 1–5 p.m. Aug. 8 at the New Balance Student Recreation Center on campus, will be posted online at umaine.edu/ub/ub-50th-anniversary-reunion-event. Contact: Beth Staples, 207.581.3777

IMRC to Offer Summer/Fall Workshop Series

06 Aug 2015

The Innovative Media, Research and Commercialization (IMRC) Center at the University of Maine is offering a new workshop series using the various technology available at the center. The IMRC Center serves as a technology and start-up incubator for local communities by providing training and access to cutting-edge technology. Summer/fall workshops include: **Wooden Automata — Blending Old and New Technologies** Familiarize yourself with the tools and techniques used in making wooden, hand-cranked automata with both new and old forms of technology. Create automata with IMRC fabrication equipment, including the laser cutter, 3-D printer and wood shop. **Designing with a Laser Cutter** Learn how to use vector design software such as Adobe Illustrator to print/cut with a laser cutter and get hands-on experience with the center’s Universal Laser System. **Apple Products Professional** Learn professional user techniques on a variety of Apple software platforms. Three workshops — one per day — will focus on Mac fundamentals, iPad/iPhone fundamentals and iBooks Author. **From 3-D Scanning to 3-D Printing** Learn how to 3-D scan an object or person with a variety of techniques, then 3-D print it on one of the center’s 3-D printing systems. **CNC Design, Setup and Machining** Learn to create 2.5 and 3-D designs in Aspire V8 to then send to the CNC machine for cutting. Learn to understand how to delineate speeds and feeds for basic CNC machining on the ShopSabre 4896. A full list of workshops, including dates, times, fees and registration information, is [online](#).

Wiscasset Newspaper Advances Darling Marine Center Open House

06 Aug 2015

[Wiscasset Newspaper](#) published a news release from the University of Maine’s Darling Marine Center announcing an open house from 10 a.m. to 2 p.m. Saturday, Aug. 8. The event marks the 50th anniversary of the Walpole center. Research laboratories will be open, oceanographic equipment and scuba gear will be on exhibit, and scientists will be on hand to answer questions. There also will be a children’s tent and touch tank, a low-tide walk along the waterfront, a historical slide show, and activities for visitors of all ages.

Free ‘Lego Movie’ Screening Postponed, WABI Reports

06 Aug 2015

WABI (Channel 5) reported that due to predicted thunderstorms, the University of Maine’s free screening of “The Lego

Movie” originally slated for Aug. 5 on Morse Field at Alford Stadium has been rescheduled for 8 p.m. Thursday, Aug. 6. Members of the public are encouraged to bring blankets or chairs to watch the film on the high-definition video scoreboard.

Maine Center for Public Interest Reporting Cites Study on Economic Effects of Lead Poisoning

06 Aug 2015

A study by former University of Maine environmental economist and researcher Mary Davis was mentioned in a Maine Center for Public Interest Reporting article on the state’s challenges of preventing lead poisoning in children. Davis’ study on the economic effects of lead poisoning on children born in 2008 concluded that as a group, they would earn “nearly \$240 million less (in 2008 dollars) throughout their lifetime as a result of the cognitive and neurological deficits related to lead,” according to the article, which is the second report in a four-part series. [Portland Press Herald](#) and Sun Journal carried the report.

WLBZ Interviews Handley about Climate Change Effects

06 Aug 2015

David Handley, a University of Maine Cooperative Extension specialist of vegetables and small fruits, spoke with WLBZ (Channel 2) for a report about both positive and negative effects of climate change occurring in Maine. Handley said a benefit of climate change is that Maine’s growing season is now 10 to 14 days longer than it was several decades ago. The longer season gives farmers more time to grow crops without a serious fear of frost, as well as plant new crops such as grapes, which Handley said was unthinkable when he started work 33 years ago. However, Handley warned, warmer weather also is letting new insects survive and damage Maine crops, and the state appears to be seeing more extreme weather events.

AP Quotes Drummond in Article on Maine Bee Population, Census Project

06 Aug 2015

The Associated Press spoke with Frank Drummond, an entomology specialist with the University of Maine Cooperative Extension and a UMaine professor of insect ecology, for an article about a Maine bumblebee counting project. The Maine Bumble Bee Atlas project enlists citizen scientists to help determine bee range and abundance. Maine’s bumblebees appear to be affected by climate change, Drummond said, adding the numbers of spring days when bumblebees can visit blueberries and other plants has been reduced by half since the early 1990s because of increased rain. “At that critical time of blueberry pollination, we’ve been getting lots of wet springs,” Drummond said. ABC News, [Portland Press Herald](#) and Sun Journal carried the AP report. FOX Business and [Tech Times](#) also carried an AP report on the study.

BDN Previews Art Exhibit Commemorating Anniversary of Hiroshima Bombing

06 Aug 2015

The [Bangor Daily News](#) advanced an audio-visual art installation at the University of Maine to commemorate the anniversary of the 70th anniversary of the Hiroshima bombing. UMaine new media artists N.B. Aldrich and John Carney worked with Maine poet and musician Duane Ingalls and Japanese sound artist Adachi Tomomi on the project that was led by Aldrich. The installation incorporates images of the bomb’s devastation taken from historical documentary films that are combined with “a bilingual spoken word composition,” the article states. The exhibit will be on display from noon to 7 p.m. Thursday through Sunday at UMaine’s Innovative Media Research and Commercialization Center. The center is in Stewart Commons; admission is free. UMaine’s Masters of Fine Arts in Intermedia program, the IMRC Center and Maine Arts Commission are sponsoring the exhibit. WLBZ (Channel 2) also mentioned the exhibit in a report on Hiroshima memorials.

Rolling Stone Cites Gill’s Extinction Research in Article on Climate Change

06 Aug 2015

Research by Jacquelyn Gill, an assistant professor of paleoecology and plant ecology at the University of Maine, was mentioned in a [Rolling Stone](#) article about how the worst predicted effects of climate change are starting to happen, and much faster than scientists thought. Gill, who researches extinction, is studying how to save species that are alive now by learning more about what killed off the ones that aren't, according to the article. The data she studies shows "really compelling evidence that there can be events of abrupt climate change that can happen well within human life spans. We're talking less than a decade," she said.

WABI Reports on UMaine's Princeton Review College Ranking

06 Aug 2015

WABI (Channel 5) reported Princeton Review named the University of Maine among the 380 best colleges nationwide for 2016 in its annual guide. For the second consecutive year, UMaine is the only public university in Maine to be profiled in the publication. This spring, UMaine also was named one of the Top 50 Green Colleges in the nation by Princeton Review. UMaine students told Princeton Review the university's strengths are in providing "a quality education, preparing us for the working world and helping to promote an environmentally friendly future."

Latest UMaine technology: unique computer memory system

17 Aug 2015

Researchers at the University of Maine have created a unique computer memory architecture that increases system performance by nearly 40 percent. It is designed for use in Phase Change Memory (PCM) systems, which is important because PCM is one of several contenders under development to become next-generation memory technology for computers, phones and other devices. More information is [online](#).

Environmental horticulture major benefiting from Upward Bound Program

06 Aug 2015

When Phil Buchstaber graduates from the University of Maine in spring 2016, he will be the first person in his family to step off the stage holding a college diploma. He credits much of his success to the Upward Bound program. Buchstaber will attend Upward Bound's 50th anniversary reunion at the University of Maine on Aug. 8 to celebrate the program's commitment to providing opportunities for first-generation college students from low-income families. "I'm stoked to be going to the reunion. I wouldn't miss it. I feel like I owe them everything," he says. When Buchstaber was a sophomore at Central High School in Corinth, his guidance counselor gave him a hall pass to attend an informational session about the program. He vividly remembers the director of the program, Lori Wingo, showing the statistics of college graduates within his demographic. He said it gave him the push he needed. "She made it abundantly clear that the time you are in Upward Bound is the time where you can make something of your life," he says. "She would say, 'you are going to be successful, and you're gonna do it on your own.'" For the next three years, Buchstaber of Stetson spent six weeks of his summer at UMaine preparing and learning how to be successful in college. The weeks were filled with classes, workshops, community meetings and educational field trips. The program — which began at UMaine in 1965–66 — provides students with resources for scholarship opportunities, financial aid and college applications with the goal of increasing the rate at which participants complete secondary education. Even during the school year, counselors from the program stay engaged with students; creating a network of support for participants. Every two weeks, Faith Erhardt came to Buchstaber's school to see how he was doing. For an hour, he could talk about whatever he wanted. "If it wasn't for all of what Upward Bound did while I was in high school and through the program and through the 18 total weeks of summer camp, I don't know where I'd be," Buchstaber says. "They planted the seed for what you needed to do and the goals you should have when it comes to college." Buchstaber participated in the Classic Program, which provided academic guidance for students looking to go into fields that were not science, technology, engineering or mathematics. Due to federal funding cuts, the Classic Program was eliminated at UMaine in 2012. The

math and science program remains. Today, Buchstaber is thriving at UMaine as an environmental horticulturist major with a minor in business. “What I enjoy most about college is the amount of growth one is able to achieve,” Buchstaber says. “If you had freshman-year Phil sitting here, it would be two different people. At 16, I would have hoped to be where I am today.” He is currently apprenticing with Brad Libby, manager of the Lyle E. Littlefield Ornamentals Trial Garden and the Roger Clapp greenhouses. Libby also teaches woody landscape plants at UMaine, which has been Buchstaber’s favorite class. “Phil is one of the most exuberant students that I have worked with and he has maintained the same high level of enthusiasm and curiosity all summer,” Libby says. “I am looking forward to working with Phil as he continues his education in horticulture. Students like Phil are a big part of what makes working here at UMaine so rewarding.” During the third summer Buchstaber attended the Upward Bound Program, he received a scholarship which allowed him to attend college and be debt free. “During community meeting one day, someone stood up to make an announcement. They announced that I got the Travelli scholarship,” Buchstaber says. “I’m getting goosebumps just thinking about it. It was an amazing moment. Upward Bound made it clear that you had to get academic scholarships.” Buchstaber looks forward to the days when money isn’t a constant worry. “I’m tired of ends being met so closely. I want ends to meet and be able to throw it into savings, instead of shaving by. Having a degree will help make that possible,” he says. “I had a great childhood; my house was great, my parents are great and everyone loves each other. I wouldn’t change a thing. It just has to do with quality of living.” After graduation, Buchstaber would like to travel and become a licensed arborist. “I wish I could put into words how much this program should be offered to kids. I mean, especially for the kids it is already offered to. That’s huge. But also for other kids that need a boot in the pants. It’s an opportunity to get an education. It’s an unbelievable program.” Contact: Amanda Clark, 207.581.3777

From Recipe to Market: Cash in on Value-Added Opportunities

07 Aug 2015

University of Maine Cooperative Extension will offer a five-session workshop about taking a specialty food product to market, 5:30–9 p.m., Thursdays, Oct. 1, 8, 15, 22 and 29, at UMaine Extension Cumberland County office, 75 Clearwater Drive, Falmouth. Topics include licensing, safely preparing and packaging food products, assessing potential profits and locating resources to support a developing business. The workshop is for people operating a value-added business or those seriously considering doing so. Participants must have a specific food product or recipe and are expected to attend all sessions. Fee is \$95 per person; scholarships are available. Register online by Sept. 23. For more information or to request a disability accommodation, contact 781.6099, 800.287.1471 (in Maine); extension.rlreception@maine.edu.

UMaine Extension Gardening Tips Included in Farm and Dairy Article

07 Aug 2015

Advice from the University of Maine Cooperative Extension was mentioned in the [Farm and Dairy](#) article, “August’s gardening to-do list.” Saving seeds from a garden helps save money on new seeds in the spring, according to the article. In the [bulletin](#), “An introduction to seed saving for the home gardener,” UMaine Extension offers information such as pollination methods and choosing “mother plants” from which to save seed, the article states.

Sun Journal Cites Margaret Chase Smith Policy Center Drug Death Statistics

07 Aug 2015

In an article on a Greene family’s struggle and loss associated with drug addiction, the [Sun Journal](#) cited statistics compiled by the Margaret Chase Smith Policy Center at the University of Maine and the Maine Office of the Chief Medical Examiner. Research professor Marcella Sorg conducted the analysis that determined 57 people died from heroin or morphine overdoses last year — Maine’s deadliest year on record, according to the article. Another opioid, fentanyl, was behind 43 deaths in 2014, as opposed to nine in 2013, the article states.

UMaine Extension Mentioned in BDN Report on Preparing for Avian Flu

07 Aug 2015

The University of Maine Cooperative Extension was mentioned in a [Bangor Daily News](#) report about state officials announcing they are preparing for a possible avian flu outbreak and taking steps to alert the public about how to help prevent or minimize its effect on domestic poultry. The state veterinarian and UMaine Extension veterinarians are closely monitoring the avian influenza viruses that have been detected in poultry flocks in western states and are offering disease prevention tips to poultry producers, including backyard chicken farmers, according to the article. The program is a joint effort between the Maine Department of Agriculture, Conservation and Forestry and UMaine Extension, with support from the U.S. Department of Agriculture, to monitor for infectious diseases in Maine poultry, including avian influenza viruses. Dead birds may be submitted to the University of Maine Animal Health Lab in Orono for free virus testing, the article states. Call the lab, 581.2788, for details before submitting. [The Maine Edge](#) also carried a news release on the preparation plan.

Caron's College Sex Lives Research Cited in BDN Article

07 Aug 2015

A book written by Sandra Caron, a University of Maine professor of family relations and human sexuality, was cited in the [Bangor Daily News](#) article, "People are probably having more sex now — especially men." The article mentioned research from Caron's book, "The Sex Lives of College Students: Two Decades of Attitudes and Behaviors," which is based on the results of a sexuality survey she administered to nearly 6,000 college students from 1990 to 2015. Caron found the average number of sex partners for college students is three to four, and love as an important factor in sex has declined in the past 25 years for college students, according to the article. Caron also found that the rate of having five or more partners in college hasn't changed in the last 25 years, the article states.

UMaine Assisting Police in Cold Case Search, Media Report

07 Aug 2015

WGME (Channel 13 in Portland), the [Sun Journal](#) and the [Daily Bulldog](#) reported the University of Maine is assisting with a search for a teenage woman who went missing in 1986. The new search for Kimberly Moreau is a coordinated effort with state police, the Maine Warden Service, and local and county police, according to reports. Ground-penetrating radar equipment from UMaine is being used in the search of a property in Canton, the reports state. "We actually have a couple of professors that have come down and given us their time, as well as their equipment," Detective Sgt. Mark Holmquist from the Maine State Police Major Crimes Unit told the Sun Journal. "Basically, (the ground-penetrating radar) scans the ground underneath and looks for any signs of any gaps within the ground that aren't normal."

Darling Marine Center Anniversary, Research Focus of MPBN's 'Maine Calling'

07 Aug 2015

Marine science research and the Darling Marine Center's 50th anniversary were the focus of a recent episode of the [Maine Public Broadcasting Network](#)'s "Maine Calling" radio show. Guests were University of Maine marine scientist Bob Steneck; Heather Leslie, the center's new director; and Chris Davis, executive director of the Maine Aquaculture Innovation Center. The guests spoke about the role of the Darling Marine Center in helping develop Maine's aquaculture.

The Future of Dams: New \$6 million NSF grant will fund a four-year, tri-state study in New England

10 Aug 2015

The non-hydropower dam on lower Montsweag Stream in Maine was removed in November 2010 with the goal of restoring fish passage Photo courtesy of Laura Wildman, PrincetonHydro A new \$6 million grant from the National Science Foundation's EPSCoR program will fund a four-year study examining the future of dams in New England. This

project marks an expansion in partners and scope for the New England Sustainability Consortium (NEST), adding Rhode Island to the existing partnership between Maine and New Hampshire. NEST was launched in 2013, when Maine and New Hampshire began an innovative collaboration focused on increasing the safety of coastal beaches and shellfish beds threatened by bacterial pollution and other microbial pathogens. NEST is designed to respond to societal challenges where economic and community development goals need to be balanced with environmental protection. Such sustainability objectives are not only of central importance in New England, they also represent national and global imperatives. This new tri-state collaboration will strengthen connections between scientists and decision-makers about a number of potential dam options, including maintaining existing hydropower dams, expanding hydropower capacity, and removing aging dams to restore fisheries or reduce safety risks. By examining economic, environmental and social tradeoffs, the project will help individuals and communities make better decisions about dams. The project is highly relevant given that hydropower is a major source of renewable energy in New England. More than 50 hydropower dams are scheduled for relicensing in the next decade, requiring states to make important decisions about their futures. The region is also home to thousands of iconic milldams that are an integral part of New England's industrial history and continue to provide recreational and water supply benefits for many communities. But some of these milldams pose safety and liability risks due to their age and poor condition. Both hydropower dams and milldams can also have adverse effects on coastal ecosystems and economies, particularly because they often block the migrations of economically important fisheries. This project will empower stakeholders to make complex decisions about dams by taking the innovative step of combining the best available science with creative forms of community engagement. New England has received widespread recognition for its innovative approaches to the management of dams. "This new project will greatly enhance New England's role as a national and global leader in finding better ways to support informed decision-making about dams," said Richard Merrick, chief science advisor and director of scientific programs at NOAA Fisheries. The research is designed to support the process by which stakeholders evaluate the many trade-offs associated with potential dam decisions, including removal, relicensing and retrofitting. Because a single watershed often contains many dams of different sizes and types, the project will focus particular attention on developing tools that facilitate coordinated decision-making. "NEST's emphasis on basin-wide decision-making has the potential to generate much better environmental, social and economic outcomes than can be achieved if decisions are made (dam by dam) in an independent and uncoordinated manner," said Mike Tetreault, director of the Maine office of The Nature Conservancy. The multistate NEST team believes that solutions to sustainability challenges require a collaborative approach in which researchers from the natural sciences, social sciences, engineering, and the humanities combine their expertise. In Maine, the researchers include David Hart, Sharon Klein, Bridie McGreavy, Darren Ranco, Sean Smith, and Joe Zydlewski from UMaine as well as Karen Wilson from the University of Southern Maine. NEST's approach to problem solving also benefits from the local knowledge and know-how of diverse stakeholders representing government, business and industry, and nongovernmental organizations. One of NEST's greatest strengths is its ability to develop customized solutions that are tailored to meet local needs and circumstances. The Maine project team is led by the Senator George J. Mitchell Center for Sustainability Solutions at the University of Maine. The Mitchell Center has gained national and international recognition for its innovative approach to stakeholder-engaged, solutions-focused, interdisciplinary research. The NSF news release about the project is [online](#). Contact: David Hart, Director of the Senator George J. Mitchell Center for Sustainability Solutions, University of Maine, 207.581.3257; Ruth Hallsworth, Strategic Program Manager, Mitchell Center, 207.581.3196

MPBN Series Focusing on the Humanities

10 Aug 2015

Beginning Aug. 10, Maine Public Broadcasting Network's "Morning Edition" is featuring a series of interviews focused on the humanities. Taking part in the MPBN series every Monday morning for five consecutive weeks will be Kirsten Jacobson on philosophy, Michael Grillo on art history, Desiree Butterfield-Nagy on the digital humanities, and Patty Counihan on the career benefits of being a humanities major, all of the University of Maine, as well as Anna Sims Bartel of Cornell University on how policy can be improved by the humanities. All of the guests wrote articles in the special issue of Maine Policy Review earlier this year on the humanities and policy, produced by the Margaret Chase Smith Policy Center in cooperation with the UMaine Humanities Center.

Kelley Speaks with Free Press about Proposed Belfast Bay Dredge Disposal Dump Site

10 Aug 2015

Joseph Kelley, a professor of marine geology in the University of Maine School of Earth and Climate Sciences and Climate Change Institute, spoke with [The Free Press](#) about his concerns over the proposal to dump almost a million cubic yards of marine dredge spoils from Searsport Harbor into deep holes on the seafloor near Islesboro. The holes, or pockmarks, are a feature of coastal muddy bays, and scientists know the pockmarks are formed by the release of methane trapped in the marine sediments, but they don't know what triggers a release of gas, according to the article. Kelley, who has studied pockmarks over the past two decades, said at least one hole he researched in Belfast Bay using a submersible is about 1,000 feet in diameter and more than 120 feet deep. "The pockmarks are very steep sided and have no crater rim, so we were going along over the floor of the bay and then this big black hole opens up right in front of you," he said. "It's really something." Researchers have found the pockmarks have not measurably changed in 10 years, but no tests have been done to determine how the sites will react when filled with dredge spoils, or with anything that creates pressure, the article states. "Using the pockmarks for dumping of dredge spoils is potentially a good idea, but no one knows what will happen," Kelley said.

Debra Promoted to Baseball Associate Head Coach, BDN Reports

10 Aug 2015

University of Maine baseball head coach Steve Trimper announced Nick Derba, a former minor league catcher, has been promoted to associate head coach, the [Bangor Daily News](#) reported. "He's going to be a head coach at a Division I school sometime in the future," Trimper said. "The least I could do is make a title change and give him the associate head coach position. He deserves it." For three years, Derba primarily has worked with hitters and catchers and has coordinated UMaine's recruiting, according to the article.

WVH Reports on UMaine Extension 4-H Livestock Program at Bangor State Fair

10 Aug 2015

WVH (Channel 7) spoke with students and organizers of the University of Maine Cooperative Extension 4-H livestock program at the Bangor State Fair. Students in the Penobscot County club are responsible for raising a cow to have the animal market ready in time for the fair, according to the report. "Overall it's been a really good experience. It's a great program that 4-H has," said Dexter Sibley, a student in the program. He said he has learned a lot about livestock, as well as leadership and people skills. [The Times Record](#) also reported on a 4-H rabbit show at the 161st annual Topsham Fair that included a showing and agility component.

Hoskins Speaks with Press Herald about Soil Testing

10 Aug 2015

Bruce Hoskins, an assistant scientist of plant, soil and environmental sciences at the University of Maine, spoke with the [Portland Press Herald](#) for the article, "Poor soil? Test now and be ready for next year's planting season," the latest column in the Maine Gardener series. Hoskins, who is the coordinator of the soil testing program at UMaine's Analytical Soil Testing Lab, said home gardeners should do a soil test every two to three years. Gardeners can choose from a standard test that checks soil pH (acidity), organic matter, all important minerals except available nitrogen, and whether there are problems with lead; or a comprehensive test that also tests for available nitrogen, Hoskins said. The Analytical Soil Testing Lab does about 15,000 tests a year, and Hoskins said he is finding many gardens with low nitrogen this year. "There's kind of an urban legend that you can grow things on compost and don't need anything else," he said. "There are lots of nitrogen shortages in gardens where people use compost and nothing else."

UMaine Mentioned in MPBN Report on Bat Counting Project

10 Aug 2015

The University of Maine was mentioned in the Maine Public Broadcasting Network report, "Volunteers count bats in

Maine in an effort to save them.” It’s estimated that between five to seven million hibernating bats, 80 to 90 percent of entire colonies in some cases, have been killed by white-nose syndrome, according to the report. BatME, an effort by researchers at UMaine, the Maine Department of Inland Fisheries and Wildlife, and Maine Audubon, aims to document bat populations around the state, the report states. As part of the program, UMaine researchers are looking to get acoustic bat detectors into the hands of as many citizen scientists as possible. The bat detector is an iPad equipped with an ultrasonic microphone that interfaces with an app on the tablet. It records high-frequency bat calls and interprets and identifies the type of bat that’s making the sound, the report states. The idea is to not only to collect data about bats but to get people to lose their misconceptions about them, the article states.

Garland Quoted in BDN Article on Senior Center’s Rooftop Garden

10 Aug 2015

Kate Garland, a horticulturist with the University of Maine Cooperative Extension program, spoke with the [Bangor Daily News](#) for an article about public tours of the Hammond Street Senior Center’s rooftop garden. Senior center members and volunteers from the University of Maine Cooperative Extension Master Gardener Volunteer program recently built 17 raised beds for flowers, herbs and vegetables, according to the article. The public is invited to tour the Bangor garden for free from 10 a.m. to 1 p.m. Monday, Aug. 10. Master gardeners and UMaine students helped design and build a customized drip irrigation system for the garden, Garland told the BDN. “It was good to get the UMaine students up here,” she said. “It helped develop their skills and showed them the value of civic involvement.” Produce from the garden is used in meals prepared in the senior center kitchen or sold to members to take home, the article states. “It all gets snapped up pretty quickly,” Garland said. WABI (Channel 5) and WLBZ (Channel 2) also reported on the garden.

Jacobson Talks about Importance of Philosophy on MPBN

10 Aug 2015

Kirsten Jacobson, a philosophy professor at the University of Maine, spoke about the importance of philosophy on Maine Public Broadcasting Network’s “Morning Edition.” Jacobson’s interview is the first in a series of interviews on what role the humanities play in our lives. All of the guests wrote articles in the special issue of Maine Policy Review earlier this year on the humanities and policy, produced by the Margaret Chase Smith Policy Center in cooperation with the UMaine Humanities Center. Jacobson wrote about her “Philosophy Across the Ages” program, which allows undergraduate students the opportunity to hold seminars with students at Orono High School and members of the Dirigo Pines Retirement Community, according to the report. Jacobson said philosophy is less abstract than people think.

Press Herald Quotes Provost Hecker, Mentions ‘Think 30’ in Article on College Debt

10 Aug 2015

The University of Maine’s “Think 30” program was mentioned in a [Portland Press Herald](#) article on college debt in Maine and around the country. Schools, including UMaine, have adopted new programs and policies aimed at helping students get through their college years more efficiently — keeping costs down without wasting time and tuition money — and helping them stay in school, according to the article. Currently, about 79 percent of freshmen return the following year at UMaine, and the target retention rate is 85 percent, said Jeffrey Hecker, executive vice president for academic affairs and provost. “It’s the right thing to do and it will also help us with our budgetary challenges,” he said. The Think 30 program launching this fall aims to encourage students to take at least 30 credit hours every year, Hecker said. To graduate on time, students should take 15 credit hours per semester. Currently, more than a third of UMaine students end their freshman year with fewer than 30 credits, the article states. The [Press Herald](#) also published a related article on UMaine wildlife ecology major Caroline MacKenzie, who is juggling work and school.

WABI Covers Upward Bound’s 50th Anniversary

10 Aug 2015

WABI (Channel 5) reported on Upward Bound's 50th anniversary reunion at the University of Maine. Upward Bound provides support to youth from low-income families to prepare for college. The goal is to increase the rate at which participants complete secondary education and enroll in and graduate from colleges and universities. Participants from the past five decades reunited in Orono to celebrate the program, and many said the support from the program encouraged them to go to college, according to the report. Program director Becky Colannino said Upward Bound has served about 2,000 students. [The Maine Edge](#) also carried a UMaine news release on the program's anniversary.

WCEA to Announce Female Farmer of the Year

11 Aug 2015

The Waldo County Extension Association will announce the 2015 Woman Farmer of the Year at its annual meeting 5–6:30 p.m. Tuesday, Sept. 1, at Windgate Farm, 36 Stevens Road, Unity. The public is invited to attend. WCEA, with support from Cellardoor Winery in Lincolnville, developed the award to recognize the county's female agricultural leaders. In addition, host farmers Penny and Jeff Stevens, who practice no-till farming for corn silage production, will discuss soil health. Will Brinton, associate faculty with UMaine Extension and president of Woods End Laboratories in Mount Vernon, and other Extension researchers, also will participate in the talk. Election of WCEA officers and a request for approval of the 2016 budget will take place. For more information, or to request a disability accommodation, contact 800.287.1426 or billiejo.pendleton@maine.edu.

Free Press Reports UMaine to Participate in Maine Boats, Homes & Harbors Show

11 Aug 2015

[The Free Press](#) reported the University of Maine will take part in the annual Maine Boats, Homes & Harbors Show, August 14–16 on the Rockland waterfront. UMaine's Herring Gut Learning Center, a marine resources education facility in Port Clyde, will host a seaweed-bookmark-making station, according to the article. UMaine's learning centers at Tanglewood and Blueberry Cove, which provide affordable ecology education and nature-based experiences for young Mainers, will organize watershed activities throughout the weekend, the article states.

Civil Engineering Doctoral Student named NASA Fellow, Maine Edge Reports

11 Aug 2015

The Maine Edge published a University of Maine news release about civil engineering doctoral student Andrew Young being named a 2015 NASA Space Technology Research Fellow for his work on the Hypersonic Inflatable Aerodynamic Decelerator (HIAD) project at the Advanced Structures and Composites Center. A HIAD is a nose-mounted device on a spacecraft that slows the craft as it enters a planet's atmosphere. UMaine is assisting NASA by testing its structures in the lab and analyzing stresses and deformations in the HIAD. NASA annually selects a group of graduate and doctoral students to become fellows. The goal is to sponsor U.S. citizen and permanent resident graduate students who show significant potential to contribute to NASA's goal of creating innovative new space technologies for the nation's science, exploration and economic future. The yearlong fellowship includes a 10-week visiting technologist experience, providing the opportunity to work and collaborate with engineering experts.

Weekly Publishes Profile on Nontraditional Forestry Undergraduate

11 Aug 2015

[The Weekly](#) published a University of Maine student profile on Pam Wells, a nontraditional undergraduate who is enrolled in the School of Forest Resources. Already a UMaine alumna, Wells holds a bachelor's degree in anthropology-English that she earned in 1981 and a master's degree in social work earned in 1991. She now is considering going for a master's degree in forestry to learn the best way to manage the more than 1,000 acres of forest she owns. [The Penobscot Times](#) also carried the UMaine profile.

Ph.D. Marine Sciences Student Quoted in Motherboard Article on Research Funding

11 Aug 2015

[Motherboard](#) spoke with Katherine Thompson, a Ph.D. marine science student at the University of Maine, for an article about the challenges researchers face with the current scientific funding system. According to a Massachusetts Institute of Technology study, 4 percent of the 2015 U.S. federal budget was appropriated for scientific research, compared to 10 percent in 1968. Thompson is studying the effects of changing water temperature on northern shrimp in the Gulf of Maine, and she is using Instrumentl, a scientific research crowdfunding site, to raise money for her research, according to the article. “The thought was that maybe this could give me some short-term, not-too-distant future funding to get supplies so I can obtain preliminary results to strengthen our grant proposals. Anything would help at this point,” Thompson said.

UMaine’s Top Gun Entrepreneurial Program an entryway into Maine’s business network for Bar Harbor CEO

11 Aug 2015

<https://youtu.be/aBgAB-kVDrs> [Transcript](#) Chuck Donnelly, CEO of RockStep Solutions in Bar Harbor, Maine, has a software product that could potentially transform the way scientists and companies conduct their research. With CLIMB, the Cloud Information Management Bundle, organizations like pharmaceutical companies and university laboratories can immediately access their data anywhere in the world with a mobile device. In this [video](#), Donnelly, former director of Computational Sciences at the Jackson Laboratory, talks about the UMaine Top Gun Entrepreneurial Accelerator Program and how it has been his entryway into the business network in Maine. The Top Gun entrepreneurship accelerator is a five-month program that engages entrepreneurs in growing their businesses. Top Gun combines education, mentoring, pitch-coaching and networking opportunities. The program is a partnership of the Maine Center for Entrepreneurial Development, Maine Technology Institute, Blackstone Accelerates Growth and the University of Maine. UMaine organizes and hosts a Bangor region class and has also developed curriculum to support the statewide program. More information about Top Gun is online. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev.

Transcript

Hello, my name is Chuck Donnelly. I'm the CEO of RockStep Solutions. Our company is located in Bar Harbor, Maine. We work with university research, pharmaceutical research companies, or contract research organizations. We provide systems that allow for very efficient management of information within those research contexts. The Top Gun program has been really amazing for me as an entrepreneur. When I got into this idea of trying to start my own business, I was very alone, and didn't know really anything about the entrepreneurial network. How to really run a business. How to ask for financing. The whole world...It was like exploring a new jungle where you don't have any maps. The Top Gun program really helped feel not so alone in this effort to start a business. We're immediately connected with mentors. We're connected with the entrepreneurial network. Attorneys that understand IP. There's a whole network of support in the State of Maine that Top Gun was the entryway for us to get into that. There's no way that I would feel as comfortable as I do now being an entrepreneur without Top Gun. It's really been truly amazing for us. [Back to article](#)

DMC Director to Deliver Talk at Ecological Society of America Meeting

12 Aug 2015

[caption id="attachment_32323" align="alignleft" width="576"]



Heather Leslie[/caption]

Heather Leslie, director of the University of Maine Darling Marine Center, will share findings developed through an international, interdisciplinary research initiative focused on coastal fisheries at the 100th annual meeting of the Ecological Society of America. Ecological scientists are celebrating the ESA centennial in Baltimore, Maryland with presentations, workshops and musical performances focused on ecology's role in advancing knowledge of human-environment interactions in the changing world. The theme of the Aug. 9–14 meeting is "Ecological Science: At the Frontier." Leslie's talk is part of an Aug. 12 symposium she co-organized titled "Coupled Natural and Human Systems Science: The Need, Challenges and Rewards." Marine ecosystems that provide food, protection from coastal storms and recreation are threatened by human impacts at multiple scales, including fisheries over-exploitation and global climatic change, says Leslie, who advocates for advancing solutions-oriented knowledge of connections between people and nature. The integrative, coupled system analyses that her team have conducted with the support of the U.S. National Science Foundation yield understanding of the sustainability of coupled social-ecological systems that is distinct from that provided by either biophysical or social sciences alone, she says. The DMC director will talk about her development as an interdisciplinary scientist and educator and how that path has enabled her to forge connections among experts in the social and ecological sciences, as well as professionals engaged in marine policy and management and members of local communities. For the event, Leslie also organized a companion graduate student poster session and game show on related themes. "We are hoping that the 'shark tank of societal relevance' game show this evening will help us all to think a bit more creatively how to leverage our knowledge and skills in ways that benefit both nature and people," she says. "I, for one, am a lot more nervous about my three minutes in front of the judges — all of whom are internationally known leaders in the conservation field — than I am about my 20-minute talk for my scientific colleagues." The ESA, according to the conference website, "stands at a boundary between 100 successful years for the Society and an uncharted future for the planet. The Centennial meeting will support both retrospective and prospective sessions looking back at the history of the field of ecology as well as forward into its future."

Northern Maine Rural Living Day Sept. 12

12 Aug 2015

The first Northern Maine Rural Living Day will be held from 9 a.m. to 3 p.m. Saturday, Sept. 12, at Southern Aroostook Agricultural Museum, 1664 U.S. Route 1, Littleton. Class topics include livestock barns and fences, buying used farm equipment, raising livestock and poultry, gardening and soil health, cheese-making, and food preservation methods,

including canning and root cellaring. A panel discussion on sustainable beekeeping will be held, and there will be youth activities, livestock displays, craft demonstrations and a harvest lunch with local foods. University of Maine Cooperative Extension and the Southern Aroostook Soil & Water Conservation District are co-sponsors of the event. For more information, or to request a disability accommodation, call 532.6548, 800.287.1469 (in Maine) or visit the [website](#).

Hikers Sought for Event Honoring Fallen Service Members, Maine Edge Reports

12 Aug 2015

[The Maine Edge](#) carried a University of Maine news release about a hike and memorial service to honor fallen service members from UMaine and surrounding communities. The Summit Project (TSP) event will take place Saturday, Sept. 26 with a walk from the Maine Veterans Home in Bangor to Alford Stadium on the UMaine campus for the military appreciation football game. As part of the event, hikers will carry engraved TSP memorial stones that have been donated by family members to represent their fallen loved ones. Volunteers will learn about the service members whose stone they will carry, write a letter for the service member's family, and read it during a memorial service on campus following the trek. About 25 hiking spots are available with preference being given to the military family community at UMaine. Backup hikers may be assigned. A registration form is available online. Spots are limited.

Forecaster Advances Tidewater Farm Gardens Fundraiser

12 Aug 2015

The Forecaster reported the University of Maine Cooperative Extension will host a fundraising event to support the gardens and outdoor classrooms at the UMaine Gardens at Tidewater Farm in Falmouth. The Taste of Tidewater event will be held 5–8 p.m. Aug. 22 at the Episcopal Church of Saint Mary Parish House. The event will include food, music and art. The gardens are an educational project on about three acres of land operated by the UMaine Cooperative Extension in Cumberland County, according to the article. Amy Witt, a horticulturist with UMaine Extension, said the space is mostly used as teaching gardens and outdoor classrooms to show people how to grow their own food and plants and learn sustainable practices, the article states. "Everything we do here has an educational component," Witt said.

Howard Writes Op-Ed for BDN

12 Aug 2015

The [Bangor Daily News](#) published the opinion piece "We should prepare for the worst consequences of climate change," by Michael Howard, a philosophy professor at the University of Maine. Howard is a member of the Maine chapter of the national Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members' columns appear in the BDN every other week.

WVH Reports on \$6M NSF Grant to Study New England Dams

12 Aug 2015

WVH (Channel 7) reported on a new \$6 million grant from the National Science Foundation's EPSCoR program that will fund a four-year study examining the future of dams in New England. The project marks an expansion in partners and scope for the New England Sustainability Consortium (NEST), adding Rhode Island to the existing partnership between Maine and New Hampshire. The study will look at strengthening connections between scientists and decision-makers on a number of options including maintaining existing hydropower dams, expanding hydropower capacity, and removing aging dams in order to restore fisheries, according to the report. The NEST team says solutions to sustainability challenges require a collaborative approach in which researchers from the natural sciences, social sciences, engineering and humanities combine their expertise. UMaine researchers on the project include David Hart, Sharon Klein, Bridie McGreavy, Darren Ranco, Sean Smith and Joe Zydlewski.

Grew Quoted in Quanta Magazine Article on Mineral Evolution

12 Aug 2015

Ed Grew, a research professor of geological sciences at the University of Maine, was quoted in a [Quanta Magazine](#) article about whether geology is predictable or if Earth's mineral composition is due to chance events. The answer, according to the article, could help scientists identify planets likely to harbor life. Robert Hazen, a mineral physicist at the Carnegie Institution of Washington's Geophysical Laboratory, worked with collaborators including Grew to investigate the role chance played in mineral formation. They found the more abundant the element, the more minerals it formed, according to the article. Grew, a co-author of the study, said the results still support the idea of determinism because "we can explain why they're not obeying the rules." The team also found evidence for the role of chance by using a database to retrieve more than 650,000 mineral observations at specific locations around the world. Twenty-two percent of all minerals were reported in only one place, and 12 percent were found in only two places, according to the article. The rare minerals might appear only under unforeseen circumstances, such as an unusual assembly of rocks that concentrates elements together, the article states. "It'd be like if you threw together a whole mess of ingredients and cooked it up, and it came out to be a prize-winning culinary dish," Grew said.

Washington Post Cites Grosswiler Study in Article on New Google Company Name

12 Aug 2015

[The Washington Post](#) cited a 2004 study by University of Maine communication and journalism professor Paul Grosswiler in the article, "The big cultural debate simmering beneath Google's new Alphabet name." Google's new parent company name, Alphabet, was "designed to evoke the ingenuity of the human spirit," according to the article, even though more than 1.3 billion people don't use an alphabet as their primary writing system. The idea that there is a "best" writing system implies that others are inferior, and critics of this theory have argued that this is a Western-centric bias, the article states. "The alphabetic literacy theory has asserted the West's permanent superiority over the East due to the psychological and cultural effects of the alphabet. Science, philosophy, logic, rationality, democracy and monotheism are said to be inextricably linked to the alphabet in this theory," Grosswiler wrote in his 2004 study, "Dispelling the Alphabet Effect," which was published in the [Canadian Journal of Communication](#). Rationality is a common characteristic to all human cultures, the article states. Asian concepts of yin and yang, as well as theories of elemental properties such as fire and water, could be thought of as a kind of classification system for explaining nature, according to Grossweiler.

University of Maine Hutchinson Center receives second gift from the estate of Marilyn Duane

12 Aug 2015

The University of Maine Hutchinson Center has received a second disbursement for \$450,000 from the estate of Belfast, Maine resident Marilyn Duane to benefit scholarships and outreach efforts. Duane's attorney and friend Lee Woodward presented an initial disbursement of \$500,000 to the Hutchinson Center on April 15. Woodward, who is handling Marilyn Duane's estate with co-personal representative Cindy MacLeod-Klewin, anticipates that, when the estate is settled, the proceeds will total just over \$1 million to the Hutchinson Center for scholarships. "The Marilyn Duane Scholarships will make higher education more affordable and accessible than ever before for people in the mid-coast region who want to start or complete a University of Maine degree," said University of Maine President Susan J. Hunter. "Marilyn's generosity and vision have the potential to change the lives of countless students." Marilyn Johnson Duane grew up in Bangor, the daughter of Dr. Henry and Dorothy Carlton Johnson. Marilyn and her late husband, James T. Duane, retired to Belfast in 1987. James was an early computer engineer who worked for General Electric and was a member of the Belfast Rotary Club. Marilyn was a member of the Belfast Garden Club and the Daughters of the American Revolution. Marilyn was inspired by the work of UMaine alumnus James Patterson, founding director of the Hutchinson Center and a member of the Belfast Rotary, who she said opened the door for students to access quality, affordable higher education in a supportive, flexible environment. "On behalf of the Board of Trustees, we deeply appreciate the support the Duane Estate has provided Belfast's Hutchinson Center," said University of Maine System Chancellor James H. Page. "This gift acknowledges the significant contributions the center is making in the mid-coast region, and it contributes to our efforts to make university programming more affordable and accessible for the people of

Maine.” With the gifts from the Marilyn Duane estate, three funds have been established:

- The James C. Patterson Scholarship Fund will award scholarships to non-matriculated students served by the Hutchinson Center who are enrolled in a University of Maine undergraduate or graduate coursework.
- The Marilyn Duane Scholarship Fund will benefit University of Maine System matriculated students with financial need who are served by the Hutchinson Center.
- The Marilyn and James T. Duane Community Outreach Fund focuses on creating access to lifelong learning opportunities that otherwise would not be available. The fund will be used for educational programming at the Hutchinson Center for personal enrichment, professional development, continuing education and/or early college opportunities at reduced or no cost to participants.

“Marilyn Duane has provided an incredible scholarship legacy for mid-coast students served by the Fred Hutchinson Center of the University of Maine,” Patterson said. “I am honored to be mentioned as one of the team working to develop the Hutchinson Center into the community resource it is today.” Contact: Margaret Nagle, 207.581.3745

Coach Cosgrove, staff to host football clinic for women Sept. 10

13 Aug 2015

University of Maine head football coach Jack Cosgrove and his staff will host “Coach Cos’ Football 101 for Women” at 5:30 p.m. Thursday, Sept. 10. The interactive workshop is designed to teach women who have never played football the basics such as offensive and defensive strategies as well as what to look for when watching a game. The first part of the workshop will feature light refreshments as Cosgrove and the staff discuss the fundamentals of the game and hold a question-and-answer session. The second section will include a tour of the UMaine football facilities as well as a chance to participate in optional drills on the field. Attendees should wear comfortable clothing and athletic shoes for the walking tour and drills. The event is \$25; \$10 for UMaine students. Tickets can be reserved online. All participants receive a T-shirt, and proceeds benefit the UMaine football program. Registration deadline is Sept. 7. For more information, call 581.1086.

CCI Student Featured in BDN Article on Climate Ride Northeast

13 Aug 2015

Tim Godaire, a graduate student at the University of Maine Climate Change Institute, is featured in a [Bangor Daily News](#) article about Climate Ride Northeast, a 320-mile journey from Bar Harbor to Boston, scheduled for Sept. 17–21. The inaugural ride, according to the article, is expected to raise \$400,000 to support organizations involved with environmental causes and cycling advocacy. “I registered because I wanted to make a difference with these Maine organizations (Bangor Land Trust, Bicycle Coalition of Maine and the Citizens’ Climate Lobby),” said Godaire, who, according to the article, used social media and sent letters asking friends for donations to meet the required \$2,800 to participate in the ride. “As a student studying climate science, I’m aware of the urgency and need for climate action, community awareness, and alternative sources of energy and transportation,” Godaire said in the article. “Participating in the Climate Ride Northeast allows me to raise funds for organizations that address these particular issues within my local community and on a national scale.”

Lincoln County News Covers Darling Marine Center’s 50th Anniversary

13 Aug 2015

The Lincoln County News reported on the Darling Marine Center’s 50th anniversary celebration. Events included free walking tours of the campus in July and August, a seminar series called Science on Tap hosted by faculty and staff at the Newcastle Publick House, and an open house at the center with family-friendly activities. “The Darling Marine Center is a really strong node for marine science in research and teaching on the coast of Maine and of the Northeast region,” said Heather Leslie, DMC director. “We are known as the birthplace of oyster aquaculture and the leading work

on developing the oyster farming industry was done here in the 1980s.” The open house included a touch tank, face painting, and block printing for children, and buildings including the electron microscopy lab and shellfish hatchery were open for the public to tour and learn more about the research at the DMC, according to the article. “A lot of the visitors who live around here were amazed at what all goes on,” said Mary Jane Perry, a professor of oceanography at the DMC.

Riordan Speaks about Importance of Humanities on MPBN’s ‘Maine Calling’

13 Aug 2015

Liam Riordan, director of the University of Maine Humanities Center, was an Aug. 13 guest on the [Maine Public Broadcasting Network](#)’s “Maine Calling” radio program. The show, titled “The importance of humanities,” focused on how and why the humanities matter in not only the academic world, but the world at large. William “Bro” Adams, chairman of the National Endowment for the Humanities, also was a guest. Adams will be delivering a keynote address at 4:30 p.m. Aug. 13, at Point Lookout in Northport as part of a free public Celebration of the National Endowment for the Humanities and the Humanities in Maine, coordinated by the UMaine Humanities Center.

Thaler Quoted in Chronicle of Higher Education Report on Global Experience

13 Aug 2015

The Chronicle of Higher Education spoke with Jeff Thaler, assistant university counsel and a visiting professor of energy policy, law and ethics at the University of Maine, for the article “Why a global education doesn’t have to mean going abroad.” According to the article, some educators believe that given the diversity of the United States, it’s no longer necessary to cross national borders to give students beneficial intercultural skills and global experience colleges. The article mentioned an immersive program founded by Thaler that places Williams College students in the homes of Portland immigrants and refugees and gives them the opportunity to volunteer in schools or with community groups. Over seven years, Thaler has placed students with families from Africa, the Middle East and Latin America, according to the article. Thaler said one student who had also studied overseas told him she was challenged more in Portland “because abroad she felt like a visitor. Here, she was still in the U.S. yet immersed in a culture not her own. It made the experience richer.”

Entomology Today Publishes Edith Patch Article

13 Aug 2015

[Entomology Today](#) published a University of Maine news release on Edith Marion Patch, UMaine’s first female entomologist, and a newly published biography by Cassie Gibbs, UMaine’s second female entomologist. The biography, “[Without Benefits from Insects: The Story of Edith M. Patch of the University of Maine](#),” is a publication of the Maine Agricultural and Forest Experiment Station. Its publication coincided with UMaine’s 150th anniversary. “Edith Patch is recognized as the first truly successful professional woman entomologist in the United States,” Gibbs said. “She was among the early scientists to write and speak of the threats to the environment from the widespread applications of chemical insecticides and to bring this to the public’s attention.”

Public acceptance, support of climate policies focus of study

13 Aug 2015

As climate policies evolve through the legislative process, public acceptance and support may change, as well. A recent study conducted by a team of University of Maine researchers found that even though acceptance is an important process through which policy perceptions and economic ideology influence support, acceptance doesn’t always lead to support. Through a national survey of Australian residents to better understand the role elections play in changing the public’s view on policies, the team determined acceptance and support for the country’s carbon pricing policy remained stable before and after the 2013 federal election. Stacia Dreyer, a former Ph.D. student with the School of Economics, Department of Psychology and the Sustainability Solutions Initiative, led the study that was published online Aug. 10 in

the journal *Nature Climate Change*. Dreyer worked with Mario Teisl, director of the UMaine School of Economics and professor of resource economics and policy; Shannon McCoy, an associate professor of psychology at UMaine; and Iain Walker, researcher at the Commonwealth Scientific and Industrial Research Organisation in Floreat, Western Australia and the University of Western Australia's School of Psychology in Crawley. Dreyer is now a research associate in the School of Marine and Environmental Affairs at the University of Washington. The team conducted the survey to investigate acceptance of, and support for, the Australian carbon pricing policy two weeks before and two weeks after the election, and how perceptions of the policy, economic ideology and voting behavior affect acceptance and support. Acceptance, a positive attitude toward an existing policy; and support, which adds an active behavioral component; were stable before and after the election, even though the climate policy was a highly contentious topic and despite that different policy outcomes were expected depending upon election results, according to the researchers. Policy acceptance was higher than support at both times, and acceptance did not always lead to support, making acceptance a necessary but insufficient condition of support, and highlighting the necessity of measuring acceptance and support as two distinct concepts, the researchers say. Additionally, they found higher levels of perceived fairness and effectiveness were associated with increased levels of acceptance and support, whereas higher levels of free-market ideology were associated with decreased levels of acceptance for and support of the carbon pricing policy. The report, "Australians' views on carbon pricing before and after the 2013 federal election," is [online](#). This is the third article from Dreyer's dissertation to be published, and the second to be published with UMaine researchers Teisl and McCoy. Contact: Elyse Kahl, 581.3747

UMaine PD hosts awareness training for area law enforcement agencies

13 Aug 2015

Approximately 30 area law enforcement officers were on campus Aug. 12 for a daylong training program hosted by the University of Maine Police Department. The program that focused on cultural awareness and professionalism for police officers was led by Francis Amoroso, the New England regional director with the U.S. Department of Justice Community Relations Service (CRS). CRS offers training programs to help state, local, and tribal governments and communities address racial and ethnic conflict, and prevent and respond to violent hate crimes committed on the basis of actual or perceived race, color, national origin, gender, gender identity, sexual orientation, religion or disability, according to the Justice Department [website](#). Amoroso has offered this training for central Maine area law enforcement agencies in the past, and according to UMaine Police Chief Roland Lacroix, this and other awareness programming is an important part of the department's responsibility to the safety of members of the UMaine community — one of Maine's most diverse communities.

Media Report on Telemedicine Conference, Sen. King's Visit

14 Aug 2015

WABI (Channel 5), Maine Public Broadcasting Network and WVII (Channel 7) reported on a telemedicine conference and discussion held at the University of Maine. Health care provided through a video conference helps connect Maine's rural areas to better health care resources, WABI reported. Sen. Angus King, who participated in the conference and an accompanying sensor lab tour, led the roundtable discussion on the need to increase federal investment and support for telemedicine. King said he would also like to see regulatory changes that can improve access to vital health care services for people, especially the elderly, in rural states like Maine, according to MPBN.

Seymour Quoted in BDN Editorial on Logging, Politics

14 Aug 2015

Robert Seymour, the Curtis Hutchins Professor of Forest Resources at the University of Maine, was quoted in the [Bangor Daily News](#) editorial, "Maine can't cut more trees from its public forests on a whim." As lawmakers left Augusta last month, they left a debate unsettled about how much wood to cut from Maine's public forests, how to use the revenue from those logging operations, and what will become of \$11.5 million in voter-approved, land-protection bonds, according to the article. In the coming weeks, a commission will start discussing parts of the debate, the article

states. Over the past decade, the Bureau of Public Lands has generally had conservative harvest levels and seen tree growth on public lands that is 18 percent faster than all of Maine's other forests, according to the article. "What that means is their foresters practice a level of forest management that is more refined," Seymour said. With more wood on its lands and recent favorable harvesting conditions, the bureau has increased its cut over the past seven years, the article states. "That the harvest can go up now, I think, is a tribute to their excellent historical stewardship," Seymour said.

Townsend Speaks with MPBN about Human Body Exhibit

14 Aug 2015

The [Maine Public Broadcasting Network](#) spoke with Kristy Townsend, a neurobiology professor at the University of Maine, about the "Body Worlds" exhibit that's set to open in the new Portland Science Center. The exhibit offers visitors the chance to see the interconnectedness of the human body through cadavers that have been treated with plastination, a method of halting decomposition and preserving by replacing bodily fluids with plastics such as silicon rubber, according to the report. "Body Worlds" first appeared in Japan in the late '90s and has since been displayed in major cities throughout the world to more than 40 million people, making it the most popular exhibition of all time, the report states. "I think the controversy that surrounds the initial plastination experiments is a little unsettling at first, but I actually think the exhibit does a great job of getting people excited about science and about their own bodies," Townsend said, adding she saw the exhibit in London about seven years ago, and will encourage her students to see it in Maine. "I do think for people interested in a career in medicine, this is maybe one of the first times they can see inside the human body. So I think it's a great opportunity for pre-med students," she said.

Seacoast Online Reports on Robinson's Archaeological Findings

14 Aug 2015

[Seacoast Online](#) reported on recent archaeological findings on land protected by Seabrook Station nuclear power plant in New Hampshire by Brian Robinson, a professor of anthropology and quaternary and climate studies at the University of Maine. The 4,000-year-old artifacts, which range from fish bones to archaeological remnants of Native American huts, tell researchers about the lives of indigenous people, what they fished, and possibly why some fish species no longer exist in the Gulf of Maine, according to Robinson, who led a recent excavation. Robinson was accompanied by graduate students from UMaine and the University of Connecticut, and the team completed the excavation over the course of three weeks, according to the article. In the 1970s, Robinson and his team discovered human remains on the same site, which have since been returned to the Abenaki tribe, as well as swordfish remains, which indicated the species, now gone from the Gulf of Maine, was abundant 4,000 years ago, the article states. "We're doing things we can do now that we could literally not do 40 years ago," Robinson said. "We keep getting more and more precise perspectives and that takes increasingly precise work."

Volunteers sought for Maine Hello, Welcome Weekend Day of Service

17 Aug 2015

The University of Maine's First Year Residential Experience is recruiting volunteers to welcome UMaine's Class of 2019 during Maine Hello on Friday, Aug. 28. Maine Hello is a campuswide event where returning students, faculty and staff welcome new students and their families as they arrive on campus. From 8 a.m. to 4 p.m., Maine Hello volunteers will assist with greeting families, answering questions, directing traffic and moving first-year students' belongings into their residence hall rooms. Student volunteers who will be living on campus can move into residence halls from 6–9 p.m. Wednesday, Aug. 26. Registration is [online](#). For more information, call 207.581.1420 or email maine.hello@maine.edu. The Bodwell Center for Service and Volunteerism and First Year Residential Experience also are seeking project leader volunteers for the Welcome Weekend Day of Service, Aug. 29. The Welcome Weekend Day of Service falls on the first weekend students are at UMaine to give them an opportunity to participate in volunteer activities at community organizations. Registration is [online](#). For more information, email Jennifer Aldrich on First Class.

WABI, WVII Cover Maine Army National Guard Educator Flight

17 Aug 2015

WABI (Channel 5) and WVII (Channel 7) reported on the Maine Army National Guard's inaugural Educator Flight. Officials from the University of Maine, Husson University and other local schools gathered at the Army Aviation Support Facility in Bangor to get hands-on experience with lifesaving equipment used by the Maine Army National Guard as part of an organized tour for educators. Members of the military demonstrated training gear such as night vision goggles and iStan, a realistic mannequin that can cost up to a quarter of a million dollars. They also offered rides in a small Black Hawk helicopter. "We flew with the doors open the whole time and I got a door seat, so that was very exciting. It was a bucket list thing to be able to do. I had never done that before," said Jeff Hunt, director of UMaine's Campus Recreation. The educators also learned about opportunities and benefits offered by the Army Guard and UMaine's ROTC program, which includes 100 percent tuition assistance and job training in more than 100 career fields that are all part time with full-time benefits, WVII reported.

WLBZ reports on new UMaine, Maine Technology Institute Program

17 Aug 2015

WLBZ (Channel 2) reported on Scratchpad, a new startup accelerator program offered by the University of Maine and Maine Technology Institute. The pilot program aims to help people who want to develop a startup company in the Bangor area. The program, known as a "seed accelerator," works to provide entrepreneurs with funding and mentors, according to the report. Scratchpad is [accepting applications online](#) through Aug. 28 for three spots in the program. So far, 10 applications have been received, the report states.

Jemison, community garden focus of BDN column

17 Aug 2015

John Jemison, a soil and water quality specialist with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) about the Orono Community Garden for the latest "Conversations with Maine" column. Jemison launched the garden in 2004 while teaching a class in sustainability at UMaine, according to the article. As part of their 24-hour service requirement, students could help with the garden Jemison created. Today, UMaine students still are a regular part of the garden's "core team," the article states, but community support also has helped keep it going. Jemison, who has worked on many projects since he started at UMaine Extension in 1990, says the community garden is one of the most rewarding. "I'm proud of a lot of things," he said. "But when all is said and done, this is probably the most fun. It's very meaningful. When I retire, I will look back most fondly on this."

MPBN airs latest interview in humanities series

17 Aug 2015

The [Maine Public Broadcasting Network](#) spoke with Anna Sims Bartel, an associate director of Cornell University's Center for Engaged Learning and Research, as part of a series that focuses on the importance of humanities. Bartel wrote an article in the special issue of [Maine Policy Review](#) earlier this year on the humanities and policy, produced by the Margaret Chase Smith Policy Center in cooperation with the UMaine Humanities Center. Bartel spoke on MPBN's "Morning Edition" about the influence of the humanities on public policy.

Lichtenwalner quoted in AP, Sun Journal articles on Turner Egg Farm

17 Aug 2015

Anne Lichtenwalner, a University of Maine professor, veterinarian and director of UMaine's Animal Health Laboratory, was quoted in articles by the Sun Journal and Associated Press about a Turner egg farm. Four years ago, Jack DeCoster's corporate entities leased his Maine farms to Moark LLC, which last month quietly leased them to Hillandale

Farms Conn LLC, the same farm family involved with DeCoster in the massive Iowa salmonella outbreak in 2010, according to the Sun Journal. Lichtenwalner, who sits on a salmonella risk reduction team for the state, says Moark, a subsidiary of Land O'Lakes, has been "terrific" to work with, and she hopes for the same with Hillandale, the article states. "We are vitally interested in the health of Maine people (and) we want our state to have a poultry industry as well," Lichtenwalner said. "We want transparency and we want collaboration, and I think that they are walking into a positive situation. One hopes that they embrace that." Good hygiene; rodent control; processing eggs quickly; and happy, healthy birds can prevent the spread of salmonella within a barn, said Lichtenwalner, who added Maine hasn't had a positive environmental salmonella enteritidis test in at least six years. "I think it's been a combination of people working together with one goal in mind," she said. "The producer doesn't want to be in trouble; they don't want to have all of the bad PR and economic problems and the obvious bad public health outcomes." Fox Business and Centre Daily Times carried the AP report.

Afton Hupper: Connecting local food to Maine

18 Aug 2015

Afton Hupper, an ecology and environmental science student at the University of Maine, is dedicated to making locally grown foods more accessible to Maine citizens. Hupper — with a concentration in sustainability, environmental policy and natural resource management and a minor in sustainable food systems — is working with the Orono Economic Development Corporation to investigate the feasibility of a "food hub" for the Bangor area. The need for a food hub — an entity which may aggregate, process and distribute local food to meet the institutional demand and strengthen the agricultural sector — was recognized by the Orono Economic Development Corporation. "In Maine, there is a high demand for local food, but a low supply. Locally grown foods do not have an efficient channel through which they can flow from farms to larger institutional buyers," Hupper says. "Thus, there is opportunity for growth in Maine's agricultural economy." Hupper's task within the project is to create an annotated bibliography of literature and resources pertaining to food hubs, which will inform a feasibility study currently being undertaken by the Maine Farmland Trust. The project is funded by the City of Old Town, the Town of Orono, the Bangor Savings Bank Foundation, Maine Community Foundation and Good Shepherd Food Bank. "This is an incredibly interesting project that could positively impact the economic, health, social and environmental qualities of our state," Hupper says. A childhood immersed in the beauty of Maine's forest and marine ecosystems is the root of her appreciation for the natural world. In high school, she became interested in environmental science and was inspired by the environmental justice movement. She says she has always had a passion for food and is excited to put that passion toward positively improving Maine food systems. "I want to contribute to this movement in any way possible, as environmental issues are among the most pressing we face today," Hupper says. Hupper is expected to graduate in May 2017.

<https://www.youtube.com/watch?v=2WLfcw3KfnE> [Transcript](#)

Where are you from? I grew up in St. George, Maine. It's a beautiful little fishing village in the midcoast region. I moved up the coast to Rockland at age 16. **Why did you choose to come to the University of Maine?** The university offered me many opportunities, including a strong interdisciplinary program of study, the benefits of the Honors College, and the ability to graduate without debt. **Could you cite your top three academic scholarships, achievements and awards?** John M. Rezendes Ethics Essay Competition (second place), John Ferdinand Steinmetz Book Award, and the Boyle Associates Scholarship Award. **Beyond academics, what extracurricular activities occupy your time?** I have volunteered as an ambassador for the EES [ecology and environmental sciences] program over the past year, attending accepted student days and speaking with parents and prospective students about UMaine and the program. I love sharing my experiences and knowledge with them. I also volunteer at the Orono Community Garden twice a week with John Jemison. This is a wonderful program which provides fresh produce to low-income seniors in the area. I also love traveling, reading, cooking and watching muckraking documentaries. **What are you plans after graduation?** Traveling. I have given thought to international WOOFing, where I could live on an organic farm and my labor would pay for my housing and meals. Career-wise, I could see myself working for a nonprofit or starting one on my own. I am very passionate about food as a vessel for environmental awareness and change. I have no clear vision of my future. I have chosen to go wherever my life takes me, and to remain open to new opportunities as they come along. **What difference has UMaine made in your life and in helping you reach your goals?** I really

didn't have any specific goals coming into college, other than to succeed. While mentors and professors have certainly helped me with that, I think UMaine has provided me with opportunities to find my goals rather than to reach them. Doing research after only two years of study has been such a great experience and has helped narrow my focus as a student. **Have you worked closely with a professor or mentor who has made your UMaine experience better?** My adviser Tim Waring is amazing — a true wealth of knowledge and experiences. Every time I stop in to see him I know that I'll leave feeling so inspired. David Gross in Honors has also been influential, not only in the classroom, but also in recommending me for my current research internship and helping edit my submission for the ethics essay contest. I also have to thank Simin Khosravani for helping me in her office for three hours before a statistics exam. She's always willing to go the extra mile for her students. **Favorite class? Why?** This is a tough question, but the most enjoyable class I've taken in my first two years has been Mark Brewer's Honors preceptorial in spring 2014. I learned so much about western history and culture, all while engaging in some of the most fruitful group discussions I've ever experienced. He pushes his students intellectually, and I really worked for my grade. That's what made it so satisfying in the end. **Do you have a most memorable UMaine moment?** Maine Day, of course. **Transcript** I'm researching the feasibility of a food hub for the Bangor region. This food hub could service businesses, institutions, restaurants, and retailers within a 50 mile radius of the Bangor area, and it would help to move local produce from farms in Maine to the table. I'm very passionate about food and also the environment, and I think this is a project that can really connect people in a meaningful way that would also provide some economic development for the region, opening up new opportunities for farmers it'll provide a market for them. If this if this project proves feasible and we decide to go through with it it open up new channels that have never been really available to the small diversified farms before now. When this opportunity presented itself — when I was emailed about the sustainable food systems research collaborative — I thought what better way to combine my major — my environmental science passion with my food passion. I think the University of Maine provides such a variety of course options as well as minors. I don't know of any other college in Maine offers a sustainable food systems minor, so that's something that I'm really happy about. I didn't even know about that until my second year so that's sort of something that just came along, but it was great to find. When I came to college I wasn't — I'm like every student who came here, unsure nervous, I didn't have a clear path. I knew that I was passionate about certain things. I was passionate about environmental issues and social justice but also had a passion for food. I was never really sure how that was going to fit in, but when I discovered the minor and when I was able to participate in this research collaborative I found a way to mend the two that was really inspiring to me and something that I'm so happy about because I really don't think I would have found this opportunity anywhere else. [Back to profile](#)

Food safety training to focus on cooking for crowds

18 Aug 2015

University of Maine Cooperative Extension in Cumberland County announces the fall schedule for “Cooking for Crowds: Food Safety Training for Volunteer Cooks.” The first session will be held 9 a.m.–noon Tuesday, Sept. 29 at University of Maine Regional Learning Center, 75 Clearwater Drive, Suite 104, Falmouth. Additional classes also are scheduled for Oct. 14 and Nov. 5. Many organizations and community groups rely on volunteers for food events such as fundraising, fellowships, food pantries or other service to the community. The workshop offers up-to-date information on safely preparing, handling, transporting, serving and storing food for large group functions. Participants receive “Cooking for Crowds,” a manual designed for volunteer cooks, a certificate of attendance, posters and an instant-read thermometer. The class meets the Good Shepherd Food Bank food safety training requirements. The cost is \$15 per person; scholarships are available. Registration is [online](#). Call 781.6099 or email extension.rlreception@maine.edu to be placed on a list for future dates. For more information or to request a disability accommodation, call 781.6099 or 800.287.1471 (in Maine).

BDN publishes op-ed by Peterson

18 Aug 2015

The [Bangor Daily News](#) published the opinion piece “A ticket into the shrinking middle class,” by Mick Peterson, a professor of mechanical engineering at the University of Maine.

Blackstone interviewed on MPBN's ‘Maine Calling’

18 Aug 2015

Amy Blackstone, a sociology professor at the University of Maine, was a recent guest on the Maine Public Broadcasting Network's "Maine Calling" radio program. The show, titled "Childless by choice," focused on the decision not to have children, why some people make that choice, and the related cultural effects.

BDN reports on building renovations

18 Aug 2015

The [Bangor Daily News](#) published an article about work winding down on about \$25 million in construction and renovation projects at the University of Maine less than two weeks ahead of the start of the fall semester. The projects include about \$5.5 million in work funded through a voter-approved bond to improve outdated labs, lecture halls and heating systems, according to the article. As part of the renovations, Aubert Hall, where most students studying the sciences or engineering take chemistry courses and labs, now has six newly renovated labs, the article states. "You can't be doing today's science and engineering in labs that are 50 years old," said Barbara Cole, professor and chairwoman of the UMaine Department of Chemistry. The remainder of the \$5.5 million bond funding was split among renovations at Little, Boardman and Bennett halls, according to Jeffrey Aceto, assistant director of construction administration.

Campus parking lot and road closures Aug. 24–28

18 Aug 2015

This year's Maine Hello is Friday, Aug. 28 — the day that all new students are invited to move into their residence halls. Most of the 2,000 students are assigned to the six first-year residence halls in the Hilltop area of campus, requiring some parking lot and road closures in the vicinity. Signs noting all parking lot closures will be placed in the parking lots on Aug. 21.

The following parking lots will be closed effective Monday, Aug. 24:

- Hilltop Parking Lot, from the Emera Astronomy Center to the New Balance Student Recreation Center
- Knox Hall Parking Lot
- Stewart Quad Area Parking Lots

The following parking lots will be closed effective Thursday, Aug. 27 to set up the necessary traffic patterns for Maine Hello:

- New Balance Student Recreation Center Parking Lot
- Somerset Parking Lot
- Jenness North and South Parking Lots
- Gannett/Cutler Parking Lot

The following parking areas will be closed or will have limited access on Friday, Aug. 28:

- Stewart Commons Parking Lot off of Hilltop Road
- Collins Center for the Arts Parking Lot
- Belgrade Parking Lot

Traffic pattern changes from 7:30 a.m. to 4:30 p.m., Friday, Aug. 28:

- Long Road will be closed between Androscoggin and Knox Halls
- Flagstaff Road will be restricted to one-way traffic southbound between Long Road and Beddington Road
- Belgrade Road will be restricted to one-way traffic westbound from Rangeley Road to Belgrade Spur
-

All parking lots except Somerset Parking Lot are expected to re-open by 4:30 p.m. on Friday, Aug. 28. The Somerset Lot will re-open Monday, August 31.

More about the event is online.

Bangor Whoopie Pie Business

19 Aug 2015

<https://youtu.be/C8rPA-2KUqo> [Transcript](#) James Gallagher has friends in sweet places. Take Eliza Butler, co-founder of Specialty Sweets candy in Bangor and an alum of the Top Gun Entrepreneurial Accelerator Program at UMaine. It was on her recommendation that Gallagher joined the Top Gun program to help grow his business. As president and chief baker at the Whoopie Pie Cafe on Hammond Street in Bangor, he sells over 25 whoopie pie varieties, in addition to homemade breads and sandwiches. In this video, Gallagher talks about the Top Gun Program and his small business. The Top Gun entrepreneurship accelerator is a five-month program that engages entrepreneurs in growing their businesses. Top Gun combines education, mentoring, pitch-coaching and networking opportunities. The program is a partnership of the Maine Center for Entrepreneurial Development, Maine Technology Institute, Blackstone Accelerates Growth and the University of Maine. UMaine organizes and hosts a Bangor region class and has also developed curriculum to support the statewide program. More information about Top Gun is online. **Transcript** Hi, I am James Gallagher, and I created the Whoopie Pie Cafe. My business is growing. We started with five whoopie pies, and now we have over thirty different flavors of whoopie pie choices. We have salads, sandwiches, pasta, and grilled cheese. We're looking to open multiple locations. I am friends with Specialty Sweets, who did Top Gun last year. She's like, "Oh, you should try this program!" That's how I got involved in it. This program has been awesome. Networking has been really good. Learning from different people that have done stuff before you, and then also helping people out as well, because everyone's learning. Last weekend I did a judging for the grade school innovation fair, which was really exciting. It's fun to be involved in that, too. The thing I like about this program is that it's not just for startups. It's for people that are looking to grow their company as well. It's not just people with an idea, it's people that are actually working. It's nice to have everyone together working together. [Back to article](#)

Kaye writes BDN op-ed on social security's future

19 Aug 2015

Lenard Kaye, director of the University of Maine Center on Aging and professor in the UMaine School of Social Work, wrote an opinion piece for the [Bangor Daily News](#) titled, "Let's keep the faith in Social Security's future." Kaye is a member of the Maine chapter of the national Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members' columns appear in the BDN every other week.

LaBouff mentioned in Bustle article on how to feel more grateful

19 Aug 2015

University of Maine psychologist Jordan LaBouff was cited in the [Bustle](#) article, "10 ways to feel more grateful every day." No. 10 on the list — "Be Humble" — mentioned research by LaBouff that was cited by [Time](#) magazine in 2012. LaBouff told Time that humility goes a long way in our personal lives and careers, according to the article. LaBouff, who led a team of researchers that highlighted the connection between being humble and helping others, said it's difficult to be compassionate if you're not modest, the article states.

Redmond talks to Press Herald about Seaweed Festival

19 Aug 2015

Sarah Redmond, a marine extension associate with the Maine Sea Grant College Program at the University of Maine, spoke with the [Portland Press Herald](#) about the Maine Seaweed Festival to be held Aug. 29 in South Portland. Event organizers, including Redmond, held the first festival last year and hoped for a decent turnout, according to the article. About 1,500 people attended to learn more about and sample different varieties of seaweed, the article states. Redmond said the event was “a remembering of what we have right here in our own backyards.” WLBZ (Channel 2) also advanced the festival.

STEM project to benefit Down East youth

19 Aug 2015

A new program based in Machias aims to immerse at least 600 10- to 18-year-olds in innovative, out-of-school science and math opportunities. The three-year STEM Guides Downeast project is a collaborative effort among the Maine Mathematics and Science Alliance (MMSA), Axiom Education and Training Center and University of Maine Cooperative Extension 4-H, according to an Axiom Technologies news release. STEM Guides Downeast will launch during a public event at 3 p.m. Sept. 1 at the University of Maine at Machias. Registration for the event is [online](#). Attending the event for UMaine Extension are Lisa Phelps, program administrator; Jennifer Loble, a professor based out of Washington County who supports 4-H and volunteer development; and Greg Kranich, a 4-H science youth development professional who works with northern and coastal counties. U.S. Sen. Angus King is expected to be on hand to celebrate the new partnership, and U.S. Sen. Susan Collins has been invited, the release states. Funded by the National Science Foundation, STEM Guides Downeast is one of four regional models being developed and tested in Maine by MMSA. The model supports local people who are passionate about education and science to be STEM Guides and serve as informal science advisers and mentors to area youth. STEM Guides will be based at the Axiom Education and Training Center where they will work with local partners to identify existing STEM resources and connect youth with opportunities in creative ways. Youth will participate in 4-H STEM programs and in science clubs based at libraries, schools and after-school programs. “We always work in partnership with local people, projects and programs to show young people that they are surrounded by science,” says Jan Mokros, project director. STEM Guides Downeast will be guided by a partners council that includes the University of Maine at Machias, Downeast Institute for Applied Marine Research and Education, 4-H, Sunrise County Economic Council, Washington County Government and local schools and libraries. A news release about the announcement of the initiative is [online](#).

Computer engineering professor talks contra dancing with BDN

21 Aug 2015

Rick Eason, organizer of the Bangor contradance and professor of computer engineering at the University of Maine, talked with the [Bangor Daily News](#) about contra dancing in the state. “It reminds me of those old movies, where people get dressed up on a Saturday night and the whole community comes together,” Eason said in the article. “It’s something you’ve gotta try before you say you don’t like it.” Contra dance groups in Maine have recently sought to get more community members involved, including families and young people, the article states.

Lambert explains dangers of late blight, WABI reports

21 Aug 2015

Dave Lambert, University of Maine research assistant, was interviewed by WABI about late blight, an infectious disease of plants that can be ecologically and economically devastating. “It’s a very infectious disease,” says Lambert. “The organism produces thousands of spores in a single lesion. It occurs very rapidly. You can lose an entire crop in two weeks.” To avoid an outbreak, Lambert recommends treating all crops early in the season.

Gill shares conservation thoughts with Christian Science Monitor

21 Aug 2015

Jacqueline Gill, a paleoecologist at the University of Maine, was interviewed for a [Christian Science Monitor](#) article

titled “In climate change era, new idea for conservation takes shape.” “The question we’d really like to answer,” says Gill, “is whether geodiversity has corresponded to biodiversity through time – and how landform durability influences biodiversity.” The article outlines a recent alternative approach to conservation that has been gaining momentum. It focuses on conserving biodiverse regions, rather than preserving specific species or communities of species. This allows researchers to focus on conserving landforms in regions that incorporate diverse geophysical traits. Gill says the approach may not be appropriate for keystone species, which require species-specific intervention.

UMaine mentioned in PPH piece about migrant education

21 Aug 2015

The University of Maine was mentioned in a [Portland Press Herald](#) article about children of migrant blueberry workers reaping an education through the Migrant Education Program, administered by the Maine Department of Education. In addition to breakfast, lunch, snacks, tutoring and weekly field trips connected to the summer educational curriculum, children 14 and older are invited to tour UMaine on weekends.

Maine Business School informational sessions previewed by TRJ

21 Aug 2015

[The Republican Journal](#) promoted two informational sessions about the new online Master’s in Business Administration program, as well as the traditional program, offered by the Maine Business School at the University of Maine. The Sept. 10 session is 4–6 p.m. at the UMaine Hutchinson Center in Belfast and the Sept. 17 session is 4–6 p.m. at the D.P. Corbett Business Building on the Orono campus.

BDN covers hoop stars being inducted into Hall of Fame

21 Aug 2015

The [Bangor Daily News](#) reported that a number of former Black Bears are slated to be inducted into the Maine Basketball Hall of Fame on Sunday at the Cross Insurance Center in Bangor. University of Maine hoop standouts slated to be inducted are Wayne Champeon, Liz Coffin, Steve Condon, Emily Ellis, Keith Mahaney, John Norris and Bob Warner.

Alum survived Alaskan mudslide, Sun Journal reports

21 Aug 2015

Alum survived Alaskan mudslide, Sun Journal reports The [Sun Journal](#) interviewed University of Maine graduate Dave Longtin, ’92, who survived Tuesday’s deadly landslide in Sitka, Alaska. Longtin, a public works engineer who was inspecting culverts, ran to escape the mudslide. Two people died and one is missing, according to reports. “[T]he guy I was running with turned around. He saw a house surfing on top of the mud. (Then that house disappeared into the mud.) There’s no evidence it was there. It’s gone,” Longtin is quoted as saying in the article.

Workshops offered on preserving garden fruits, vegetables

21 Aug 2015

Want to preserve garden vegetables and fruits to be able to enjoy them throughout the year? University of Maine Cooperative Extension staff and volunteers are offering hands-on Preserving the Harvest workshops that incorporate USDA-recommended food preservation methods, including hot water bath canning, pressure canning and fermenting. Participants will make samples to take home. Fresh produce, canning jars and other canning equipment will be provided. September workshops include:

- Canning and Freezing Fruit Preserves, 5:30–8:30 p.m. Sept. 3, Frinklepod Farm, 244 Log Cabin Road, Arundel.

Cost is \$20 per person.

- Boiling Water Bath Canning Tomato Salsa, 1–4 p.m. Sept. 4, Nezinscot Farm, 284 Turner Center Road, Turner. Cost is \$25 per person.
- Hot Water Bath Canning and Freezing, 6–9 p.m. Sept. 9, Messalonskee High School, 131 Messalonskee High Drive, Oakland. Cost is \$25 per person.
- Fermenting Vegetables, 6–8 p.m. Sept. 22, Old Orchard Beach High School, 40 E. Emerson Cummings Boulevard, Old Orchard. Cost is \$24 per person.
- Pressure Canning Vegetables, 5:30–8:30 p.m. Sept. 29, Traip Academy, 12 Williams Ave., Kittery. Cost is \$25 per person.

Register at extension.umaine.edu/food-health/food-preservation/hands-on-workshops. For more information, or to request a disability accommodation, call 207.781.6099 or 800.781.6099 (toll-free in Maine).

Climate surprises possibly in store for Antarctica, say Mayewski, Birkel

21 Aug 2015

Two different climate scenarios appear plausible for Antarctica in the 21st century, says Paul Mayewski, director of the Climate Change Institute at the University of Maine. An examination of climate models as well as records of climate change developed through ice cores reveal a potential for future climate surprises in the Southern Hemisphere, he says. Mayewski and fellow researchers with AntClim21 (Antarctic Climate in the 21st century), a Scientific Research Programme of the Scientific Committee on Antarctic Research (SCAR), discovered potentially different forecasts as part of a published review they developed for the scientific community. “In a nutshell, the review describes how the examination of past analogs compared to model projections differ, and the implications,” he says. Climate models suggest that continued strengthening and poleward contraction of the Southern Ocean westerly wind belt will affect Antarctica’s 21st century environment, Mayewski says. Ice core records suggest continued southward displacement of the westerlies, but weakened westerlies that allow greater entry of warm marine air masses into Antarctica. Mayewski says implications for the ice core-derived past analog scenario are serious; wind-driven infiltration of warmed water into the coastal zone could result in abrupt collapses of glaciers in these regions and accelerated global sea-level increase. Changes in the westerly jet structure could cause other surprises on a regional scale that could significantly affect weather extremes, ocean circulation, carbon uptake, sea ice extent and sea-level rise. Evidence from Earth’s climate history supports the possibility of such a surprise in the rate of ice-sheet response and climate change in the Southern Hemisphere, he says. For instance, around 14,500 years ago, global sea level rose by 20 meters, at a rate of 4 meters per 100 years. Marine sediment reconstructions and modeling studies indicate the rise was partially due to a rapidly collapsing West Antarctic ice sheet. The review, titled “Potential for Southern Hemisphere climate surprises,” is in the *Journal of Quaternary Science*’s “Rapid Communication.” Mayewski was joined in the study by AntClim21 researchers from the United States, including Sean Birkel of the Climate Change Institute, as well as scientists from the United Kingdom, Australia, New Zealand and Korea. Contact: Beth Staples, 207.581.3777

Sorg to participate in Drug Crisis Summit

24 Aug 2015

Marcella Sorg of the Margaret Chase Smith Policy Center will be among the state’s leaders participating in the Drug Crisis Summit organized by Gov. Paul LePage on Aug. 26. A news release about the summit is [online](#).

Hornsby to speak about Historical Atlas in Bar Harbor, Mount Desert Islander reports

24 Aug 2015

The [Mount Desert Islander](#) reported University of Maine geographer Stephen Hornsby will speak Aug. 25 about the “Historical Atlas of Maine,” as part of the College of the Atlantic’s final Coffee and Conversation event. Sarah Hall, COA’s Anne T. and Robert M. Bass Chair in Earth Systems and Geosciences, also will discuss the book in COA’s Dorr Museum of Natural History. The atlas, which is an extensive collection of maps, facts and photos, culminates a 15-year

scholarly project led by UMaine researchers. Hornsby and historian Richard Judd edited the book that contains cartography by Michael Hermann.

UMaine waste study, composting facility cited in Press Herald article

24 Aug 2015

A 2011 study by the University of Maine School of Economics was cited in a [Portland Press Herald](#) article on composting in Maine. The study found 38.41 percent of what Mainers disposed of could have been composted. Plenty of Maine supermarkets, corporate customers, schools and other institutions have already embraced composting, according to the article, which also cited UMaine's on-campus composting facility.

Kersbergen answers fall harvest questions for BDN

24 Aug 2015

Richard Kersbergen, a University of Maine Cooperative Extension educator on sustainable dairy and forage systems, spoke with the [Bangor Daily News](#) about fall gardening. Kersbergen said he wanted to let readers know it's not too late to do another round of planting for fall harvest. He spoke about ideal crops for late-season planting, such as spinach, beet greens, turnips and arugula, and suggested using low tunnels, or a polyester material laid over crops, to protect them from early frosts.

Ward quoted in Press Herald analysis on offshore wind farms

24 Aug 2015

Jake Ward, UMaine's vice president for innovation and economic development, was quoted in a [Portland Press Herald](#) analysis on offshore wind farms. According to the article, a project affiliated with the University of Maine, called Maine Aqua Ventus, could get another shot at the federal Department of Energy's \$47 million grant to help build an experimental floating wind farm. None of the three proposals that beat out Maine's venture 15 months ago have been able to sign a power purchase agreement by July 31, a condition for getting the \$47 million, and none can meet a target date of being online by 2017, the article states. As a runner-up, Maine Aqua Ventus was awarded \$3 million to finish design and engineering work on the floating, concrete hull. Ward said the work has led to refinements in weight, cost and performance. "The work over the last year has improved our technology," he said. "Having that time to go to 100 percent design has us feeling pretty strongly that this approach is a viable solution."

Hopkins speaks about root cellar workshop on WABI

24 Aug 2015

Kathy Hopkins, a University of Maine Cooperative Extension educator and professor, was a recent guest on WABI (Channel 5). Hopkins spoke about a free UMaine Extension introductory workshop on designing, constructing and maintaining root cellars for winter food storage. The workshop will be held from 5:30–7:30 p.m. Thursday, Sept. 3, at the UMaine Extension Somerset County office, 7 County Drive, Skowhegan. "Winter food storage is growing in popularity, and root cellars are a traditional method of putting food by for the winter," Hopkins said. "This is nothing new; we're kind of re-encouraging some of the practices of the past."

Press Herald reports on pollinator gardens planted by UMaine researchers

24 Aug 2015

The [Portland Press Herald](#) reported on pollinator gardens planted in May by University of Maine researchers at the former Pine Tree Landfill in Hampden. The gardens — one mostly flowers on the capped landfill itself, and the other shrubs at its edge — are intended to attract threatened native bees and nourish them with pollen and nectar, according to the article. Frank Drummond, an entomology specialist with the University of Maine Cooperative Extension and a

UMaine professor of insect ecology, said the idea often occurred to him as he drove by the old landfill on the way to work. He said he thought “it would be nice to make the landscape a little more beneficial to the biodiversity of animals in the area.” Drummond mentioned the idea to his colleague, Alison Dibble, now the project’s lead researcher. She wrote and received a grant from the Natural Resources Conservation Service, a branch of the USDA, and then reached out to Casella Waste Systems, the company that manages the old landfill, the article states. “Usually, what happens is the first year, the bees will begin to discover it, but it’s the second, third and fourth year when you tend to get large amounts of flowering and the bees can take advantage,” Drummond said.

Grillo, Butterfield-Nagy speak about humanities in the digital age on MPBN

24 Aug 2015

The [Maine Public Broadcasting Network](#) spoke with University of Maine art professor Michael Grillo and UMaine archivist Desiree Butterfield-Nagy as part of a series that focuses on the importance of humanities. In part three, Grillo and Butterfield-Nagy discuss the future of archives in a digital age. Both wrote articles in the special issue of [Maine Policy Review](#) earlier this year on the humanities and policy, produced by the Margaret Chase Smith Policy Center in cooperation with the UMaine Humanities Center.

BDN Reports on UMaine, NASA research

24 Aug 2015

The [Bangor Daily News](#) reported on University of Maine research that could help NASA put humans on Mars. Engineers at UMaine’s Advanced Structures and Composites Center are working closely with NASA on the Hypersonic Inflatable Aerodynamic Decelerator, or HIAD. The HIAD, which is made up of a series of large, inner tube-like inflatable rings, slows a spacecraft as it enters a planet’s atmosphere. The technology may make it possible for a spaceship large enough to carry astronauts and heavy loads of scientific equipment to explore Mars. “It seems like a bit of a leap for a bunch of civil engineers to start working on something that slows down a spacecraft,” said Bill Davids, chair of the UMaine Civil and Environmental Engineering Department and the John C. Bridge Professor. “But at the end of the day, it’s an inflatable fabric structure, and we’ve built a lot of expertise and infrastructure here at this lab around that.” The university is in the third year of a four-year grant to study various inflatable braided fabrics, using a machine provided by NASA, according to the article. “[NASA is] really pushing the envelope all the time; they’re looking for the best materials,” Davids said. [Popular Mechanics](#), [Everything Inflatables](#) and WLBZ (Channel 2) also reported on the research.

Franco-American Centre concert to celebrate new after-school program

25 Aug 2015

The Franco-American Centre at the University of Maine will host a free concert Aug. 31 to celebrate the launch of a new after-school program. A 5 p.m. potluck will precede the 6 p.m. Quebec fiddle music concert by Le Bruit Court dans la Ville (The Buzz Around Town) at the center on campus. The event will mark the start of a new French language instruction program the center will provide for elementary school children in Old Town and Orono. During the concert, parents will have the opportunity to register their children for classes that begin Sept. 21. Guests are encouraged to bring food to share. The program is the result of collaboration among UMaine’s Franco American Studies program, Modern Languages and Classics Department and the College of Education, as well as local school officials. The event is sponsored by the Franco American Studies program, Canadian-American Center and University of Maine Humanities Center. More about Le Bruit Court dans la Ville is on the group’s [website](#).

Judge Nancy Torresen to speak at restorative justice event in Belfast

25 Aug 2015

In celebration of the 10th anniversary of the Restorative Justice Project, the University of Maine Hutchinson Center will host “Justice Matters: When We Cry for Justice, What Do We Really Mean?” from 8:30 a.m.–noon. Sept. 18. The

UMaine Peace and Reconciliation Studies program and the Restorative Justice Project of the Midcoast, which promotes fundamental change in the justice system and schools, will present the event that will feature a keynote address by the Honorable Judge Nancy Torresen, chief judge of the U.S. District Court of Maine. A panel of five guests will join Torresen — Jon Wilson, director of JUST Alternatives; Judith Josiah-Martin, UMaine School of Social Work faculty; Jeffrey Trafton, Waldo County high sheriff; Margaret Micolichek, MPA, Restorative Justice consultant; and Kevin Martin, Restorative Justice advocate and UMaine student. Publisher, entrepreneur and Restorative Justice advocate Reade Brower will introduce Torresen. The \$15 registration fee may be paid at the door; students may attend free of charge. Registration information is online. For 21 years, Torresen worked for the United States Attorney for the District of Maine and the Maine Attorney General's office, handling civil cases and criminal prosecutions. In 2011, President Barack Obama appointed her to become a federal U.S. district judge. Torresen became the first woman to sit as an Article III judge in the district of Maine since the court was established in 1789. Since 2012, Torresen has led a federal drug court program called SWiTCH (Success with the Court's Help) that aims to help high-risk, high-needs offenders re-enter their communities, conquer their addiction and become productive members of society. For more information or to request a disability accommodation, contact Kim Raymond, conference services coordinator, at 338.8034, kimberly.raymond@maine.edu; or the Restorative Justice Project office at 338.2742, info@rjpmidcoast.org.

Reliawire reports on Antarctica climate research by Mayewski, Birkel

25 Aug 2015

Reliawire reported on recent climate change research by University of Maine scientists Paul Mayewski and Sean Birkel. Two different climate scenarios appear plausible for Antarctica in the 21st century, according to Mayewski, director of the Climate Change Institute at UMaine. An examination of climate models as well as records of climate change developed through ice cores reveal a potential for future climate surprises in the Southern Hemisphere, he said. Mayewski and fellow researchers with AntClim21 (Antarctic Climate in the 21st century), a Scientific Research Programme of the Scientific Committee on Antarctic Research (SCAR), discovered potentially different forecasts as part of a published review they developed for the scientific community. "In a nutshell, the review describes how the examination of past analogs compared to model projections differ, and the implications," Mayewski said. Birkel, also of the Climate Change Institute, took part in the study.

Bangor Maine 3-D printing and product development company

25 Aug 2015

<https://youtu.be/i0Wy1WO5FAs> **Transcript** L&K Manufacturing Inc., didn't always reside in a 1,500-square-foot space in Bangor Maine. The company was initially founded in a college apartment by Vincent Lewis and Andrew Katon who were UMaine engineering undergraduates. Once Katon, company president, and Lewis, CFO, launched L&K Manufacturing, they were able to utilize space at UMaine's [Advanced Manufacturing Center](#) before making their move to Bangor. L&K Manufacturing helps entrepreneurs and businesses improve their products with rapid prototyping services, including precision 3D-printing, silicone molding and wearable biotechnology. In this video, Katon talks about UMaine and how the UMaine Top Gun Entrepreneurial Accelerator Program helped him gain business skills and develop an extensive network in the community. The Top Gun entrepreneurship accelerator is a five-month program that engages entrepreneurs in growing their businesses. Top Gun combines education, mentoring, pitch-coaching and networking opportunities. The program is a partnership of the Maine Center for Entrepreneurial Development, Maine Technology Institute, Blackstone Accelerates Growth and the University of Maine. UMaine organizes and hosts a Bangor region class and has also developed curriculum to support the statewide program. More information about Top Gun is online. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** My name is Andrew Katon. I'm the CEO of L&K Manufacturing, and we actually just recently moved to Bangor, Maine. We actually launched the company when I was still an undergrad here, and we were able to utilize some lab space in the Advanced Manufacturing Center. That's how we started designing things, and helping people out to grow our business. We launched as offering 3-D printing in design for hire services. We utilized that as a bootstrapping method to fund research and development. Our company's longer term plan is to commercialize advanced technology for aerospace and consumer markets. I went to school for mechanical engineering at UMaine, and while we got a wonderful education in engineering, one of the skills that I'd lacked coming out was

business, so this is really a way to shorten that learning curve, and really develop an extensive network within the community. I found out that UMaine is very connected in the entrepreneurial community in Maine, and it was a fantastic program. It set us up with mentors, so if I had a question in a specific area of our business, I had somebody that I could actually go to who's been there, been through those entrepreneurial struggles, and would point us in the right direction. It was really a great opportunity for that, and enhancing our ability to grow. I'm originally from from Saco. I came to school as a German major, but I transitioned into engineering. That's where I found my passion. [Back to article](#)

New lab allows education students to teach virtual classroom of avatars

25 Aug 2015

Education majors at the University of Maine will soon have the opportunity to teach in front of a virtual classroom of avatars in preparation for doing their student teaching in Maine schools. The new lab will enable students in UMaine's College of Education and Human Development to teach five avatars controlled by professional technicians and actors in a classroom simulation, allowing them to better hone their skills and become more confident teachers. TeachLivE is a mixed-reality teaching environment that supports teacher practice in classroom management, methods and content. It provides preservice and in-service teachers the opportunity to learn new skills without placing students at risk during the learning process. The program was developed by education and computer science faculty at the University of Central Florida (UCF) with funding from the Bill & Melinda Gates Foundation. UMaine's TeachLivE Lab is expected to open in September and will be used with three undergraduate courses in the fall. The college plans to expand the lab's use in the coming semesters and would like to hold open houses, visits and meetings for those who want to learn more about the simulation's potential. Susan Gardner, interim dean of the College of Education and Human Development, says the low-risk environment provides a safe space to make errors and learn. "It provides our preservice teachers, who may not have had the opportunity to teach before, with a low-risk laboratory environment in which to experiment with different teaching techniques and to try on some of the theoretical pieces they are learning about in classes," Gardner says. Unlike a classroom with real children, the simulations can be "paused" and "rewound" to allow for feedback and a chance to try different techniques, she says. "Research with TeachLivE has found that as little as three, 10-minute sessions can change teaching behaviors," Gardner says. The lab in Shibles Hall will consist of a large display with a computer used to interact with the TeachLivE engineers who run the simulation. A camera and microphone will connect the educator to the interactor, or actor, who portrays the voices and mannerisms of the avatars who have distinct personalities and behaviors, as well as a range of compliance levels. The program also has an adult avatar for parent-teacher conference simulations. TeachLivE engineers and interactors are given lesson plans and educational objectives before each simulation for a tailored learning experience. Additional seating will be available in the lab to allow classmates and teachers to observe the simulation and provide feedback on the session. The idea for bringing TeachLivE to the College of Education and Human Development came after Mary Mahoney-O'Neil, the college's assistant dean for academic services, attended a conference where she learned about the technology. After visiting UCF to see a demonstration and the program's potential, she brought the idea back to UMaine, which will be the first college of education in northern New England to use the technology. "The opportunity for learning is limitless," Mahoney-O'Neil says of the program. College officials learned more about the program, including its research possibilities, at the TeachLivE conference at UCF in June. "We think there is a lot of amazing potential for some groundbreaking research," Gardner says, citing research that is being produced related to the social skills of autistic children after interacting with the avatars. The program, which started with 10 data sites in 2011, has been used by about 10,000 educators and is now being implemented at about 75 educational sites around the United States including higher education institutions, school districts and charter schools, according to Carrie Straub, executive director of educational programs and research at Mursion, Inc. TeachLivE is administered by Mursion, a company that provides virtual training environments where professionals practice and master the interpersonal skills they need to be effective in their career. Working closely with UCF researchers, Mursion is expanding the program as well as participating in research and development efforts. Mursion also is working with the Educational Testing Service (ETS) to create and test licensure exams for educators using TeachLivE, Straub says. More about TeachLivE is [online](#). Contact: Elyse Kahl, 207.581.3747

Boosting plum production in Maine

25 Aug 2015

University of Maine researchers are working to bring locally grown plums to farm stands around the state. The two-year project — funded by the Maine Department of Agriculture, Conservation and Forestry — is identifying suitable plum varieties for Maine's climate that would help diversify the state's apple farms. The project is a joint collaboration between Angela Myracle, a phytochemist and nutritional biochemist at UMaine, and Renae Moran, a tree fruit specialist with the UMaine Cooperative Extension. The team is assessing locally grown plum varieties by evaluating crop yields, fruit quality, consumer acceptance and production costs. "When farmers can sell fruit directly to the consumer, it's a lot more profitable for them," says Moran. Moran is collecting yield measurements, assessing the plum trees and evaluating the economic feasibility of growing plums in Maine. She got involved with plum research after farmers began to show interest in growing another fruit crop in addition to apples. Plums were the perfect candidate. Currently, the team is harvesting different plum varieties — grown at Highmoor Farm in Monmouth — for sensory testing, which will allow the researchers to see how consumers will perceive the fruit based on appearance, taste and texture. The last testing had approximately 100 participants. Leading the sensory testing is Zakkary Castonguay, a master's student in food science and human nutrition. Castonguay's research project is focused on the consumer acceptability and phytonutrient assessment of locally grown Maine plums. He is measuring the bioactive constituents found in plums to determine if local, tree-ripened plums have greater health benefits. "Plums are a very low calorie snack. They are a good source of fiber and are a very good source of Vitamin C and potassium," Myracle says. "Beyond just the basic nutrients that you hear about, they are just a good fruit that encourages people to eat the recommended number of fruits and vegetables a day." By assessing the phytonutrient content of the plums, the researchers are able to better market the fruit, Castonguay says. "We don't want to recommend a variety to a farmer that grows well, but doesn't sell well," Myracle says. The majority of plums found in Maine are shipped long distances and are harvested unripe, compromising quality. Growing plums in Maine could bring in extra income for farmers, as well as decreasing transportation costs by selling the plums locally, Myracle says. Myracle also hopes that the project will help farmers diversify their farms with fruit that could be harvested during peak tourist season. "By the time apple season rolls around, the tourist have already left. So the potential market for apples is decreased, plums are ready during the peak tourist season" Myracle says. "As a Mainer, I find it essential that we continue to increase the state's economic success and we can do this by determining which plums are enjoyed by consumers as well as which plums can be grown in our local climate," Castonguay says. Contact: Amanda Clark, 207.581.3721

Fall Study Abroad Fair Sept. 10

26 Aug 2015

The University of Maine International Programs' Study Abroad Fair will be held Thursday, Sept. 10 to inform UMaine students, faculty and staff about the programs available for all majors to study, intern, research or teach abroad. The free event will run from 2 to 5 p.m. in the first-floor ballroom of Estabrooke Hall. Information will be available on UMaine's direct exchange and recommended programs, as well as scholarships and financial aid. More information on UMaine's study abroad program is [online](#).

UMaine's 150th anniversary to be celebrated at American Folk Festival, Maine Edge reports

26 Aug 2015

[The Maine Edge](#) reported the Maine Folklife Area at the American Folk Festival on the Bangor Waterfront will celebrate the University of Maine's 150th anniversary with programming provided by students, faculty and staff from several campus departments. The narrative stage in the folklife area will feature student performances on violin, fiddle, mandolin and guitar, as well as the UMaine Brass Quintet, according to the article. The Maine Folklife Area, which will be located off Front Street in between the food court and the Sea Dog Brewing Co., also is scheduled to include exhibits and displays from the Hudson Museum, 4-H STEM Ambassadors, the Maine Folklife Center, and the Page Farm and Home Museum. The festival runs Aug. 28–30. More information and a full schedule is [online](#).

UMaine Extension sweet corn newsletter cited in BDN article

26 Aug 2015

A 2012 University of Maine Cooperative Extension newsletter on growing sweet corn in Maine was mentioned in a [Bangor Daily News](#) article about “corn smut,” a fungus that grows in kernels, causing them to become grayish and bulbous. August is typically when corn smut is most often discovered in Maine, according to UMaine Extension. “This fungus disease is easily recognized by the large galls which form in the ears, tassels and on leaves,” the 2012 publication states. “The young galls are silvery-white in color. When the galls mature they rupture into masses of powdery, black spores.” UMaine Extension goes on to report there’s “no effective fungicide for corn smut,” the article states.

Ellsworth American interviews Yarborough about highbush, wild blueberries

26 Aug 2015

David Yarborough, a blueberry specialist with the University of Maine Cooperative Extension and professor in the School of Food and Agriculture, spoke with [The Ellsworth American](#) for the article, “Competition increasing for state’s wild blueberries.” Highbush blueberries — which can be cultivated easily and grow rapidly — are presenting increasing competition for Maine’s wild blueberries, according to the article. Yarborough said highbush blueberries can be propagated in three to five years, while wild blueberry bushes are often a century old. “We have plants we planted in the 1970s and they still haven’t filled in,” he said of UMaine Extension’s research station in Jonesboro. Yarborough said highbush blueberries also are tall — up to 6 feet — and yield more fruit than a wild blueberry bush, which might grow 1 inch per year. He said the number of acres devoted to wild blueberry production in Maine has decreased from 200,000 acres in the 1950s to 44,000 acres, according to the article.

Collins Center for the Arts’ 30th anniversary season previewed in Maine Edge

26 Aug 2015

[The Maine Edge](#) reported the Collins Center for the Arts at the University of Maine is set to kick off its 30th anniversary season. “The 30th season — it’s hard to believe, but it really is very exciting,” said Danny Williams, executive director of the CCA. “For us as an organization, for the university, and for the community, this was an experiment that was put in place 30 years ago, that I think by any measure and all measures has been a success and that has led to other successful performing arts endeavors in our community.” The season’s opening gala performance, “Piano Men: The Music of Elton and Billy,” is slated for 8 p.m. Sept. 12 and will feature the Bangor Symphony Orchestra. “Our gala is definitely a nod to the anniversary by including the BSO,” Williams said. “The BSO opened the hall back in September of 1986 with Isaac Stern and Yo-Yo Ma, and now 30 years later we are so excited to be starting off the anniversary season with [the BSO].”

First-year students to take part in sixth annual Welcome Weekend Day of Service

27 Aug 2015

More than 2,000 first-year students at the University of Maine are expected to volunteer for community projects as part of the sixth annual Welcome Weekend Day of Service on Saturday, Aug. 29. The Bodwell Center for Service and Volunteerism and First Year Residential Experience offer the Welcome Weekend Day of Service on the first weekend students are on campus to provide opportunities to volunteer at community organizations. Community service is an important part of UMaine’s culture, says Lisa Morin, coordinator of the Bodwell Center. “These projects give the students time to bond with others from their residence hall, allows us to show them how community service will enhance their UMaine experience, and provides valuable assistance to community organizations,” she says. Led by 150 UMaine students, faculty and staff, first-year students will participate in more than 58 local, regional and international service projects both on and off campus. Projects include washing Down East Emergency Medical Institute (DEEMI) vehicles in Orono; grounds work at Hirundo Wildlife Refuge in Alton, Leonard’s Mills/Maine Forest and Logging Museum in Bradley, Orono Bog Boardwalk, Orono Land Trust and Maine Veterans’ Home in Bangor; cleanup of the UMaine bike path, around Riverside Park in Old Town, downtown Orono and Alfond arena and stadium; gardening at Bangor Edible Park Collaborative, Orono Community Garden and for the Campus Greenhouse Project; collecting donations at the American Folk Festival in Bangor; and packing meal, hygiene and school kits on campus. One project,

the Bangor Edible Park Collaborative, was started by UMaine student David Patrick, with assistance from the Foster Center for Student Innovation and funding from the Maine Hunger Dialogue. The Bangor Edible Park Collaborative is a group of individuals and organizations committed to advancing the vision of creating a sustainable, open and freely accessible food system for everyone in the community. This year marks the park's first growing season. At Manna Ministries in Bangor, students will work with Patrick to harvest, weed and do general area maintenance for the park. Last year, approximately 1,900 first-year students volunteered for nearly 60 projects and logged 4,140 hours of service. UMaine was one of 240 colleges and universities in the United States selected to receive the 2015 Community Engagement Classification of the Carnegie Foundation for the Advancement of Teaching. The classification, which is valid until 2025, recognizes colleges and universities with an institutional focus on community engagement. The day will end with the President's annual Dinner on the Mall from 5–6:30 p.m. Saturday, Aug. 29. In case of inclement weather, the dinner will be held in the Field House. The dinner will feature food provided by UMaine Dining Services, lawn games and other activities provided by Campus Recreation, and music coordinated by Team Maine and UMaine Campus Activities and Student Engagement (CASE). Following the dinner, the Traditions Ceremony and Class Picture will be on Morse Field, Alford Stadium. For more information on the Welcome Weekend Day of Service, contact Morin at 581.1796 or lisa.morin@umit.maine.edu, or visit the [website](#). Contact: Elyse Kahl, 207.581.3747

Peterson participates in equine surfaces forum in Switzerland

27 Aug 2015

Mick Peterson, executive director of the Racing Surfaces Testing Laboratory and a mechanical engineering professor at the University of Maine, took part in a two-day equine surfaces forum held at the Fédération Equestre Internationale headquarters in Lausanne, Switzerland in July, according to a news release. Thirty-six equine, veterinary and footing specialists from Belgium, Canada, Germany, Italy, Malaysia, the Netherlands, Switzerland, the U.K. and the United States came together to discuss standards for arena surfaces in jumping, the release states. Peterson spoke as part of a panel during the event. "Everyone attending the forum has practical experience of events from all over the world, and everyone voiced the need by equestrian sport to demonstrate commitment to consistent footings at major events," Peterson said. "It is critical that we retain our momentum so that we can provide consistent surfaces for all of the major events in the next year." The full release is [online](#).

September Emera Astronomy Center shows advanced in Maine Edge

27 Aug 2015

[The Maine Edge](#) reported on scheduled public star shows in September at the University of Maine's Emera Astronomy Center. The Maynard F. Jordan Planetarium shows are held 7 p.m. Fridays and 2 p.m. Sundays. Friday nights in September feature "Undiscovered Worlds" and "Astronaut." Sunday afternoons, which are geared toward younger audiences, show "Magic Treehouse: Space Mission" and "Earth, Moon and Sun." Admission to all shows is \$6, and seating is limited.

Spinney receives firefighter of the year award, Lincoln County News reports

27 Aug 2015

[The Lincoln County News](#) reported Allen Spinney, who works in maintenance at the University of Maine's Darling Marine Center in Walpole, has been named Lincoln County's Firefighter of the Year. The Lincoln County Fire Chiefs Association presented the award to Spinney during the organization's annual meeting and lobster bake at the South Bristol Fire Department on Aug. 19.

Comins quoted in Kennebec Journal's 'Backyard Naturalist' column

27 Aug 2015

Neil Comins, a University of Maine professor of physics and astronomy, was quoted in the [Kennebec Journal](#)'s latest "Backyard Naturalist" column. In "M31 and the limits of visibility," the author writes that decades ago, it was observed

that Andromeda galaxy, or M31, is moving in our direction. Recently, some astronomers have found it's likely the Milky Way and M31 will collide some 4 billion years from now, the article states. "The statistical likelihood that the sun will strike another star is extremely low ([though] not zero)," Comins said when asked about the predicted collision. "It is more likely that the gravitational attractions of passing stars from M31 will cause the Earth and other objects in the solar system to change orbits. Depending on how elliptical our orbit became, that could severely affect life on Earth. "That is, if there is any life here in 4 billion years," he wrote, "which is shortly before the sun will end the life-supporting phase of its evolution."

Olsen's sparrow research focus of Granite Geek article

27 Aug 2015

[Granite Geek](#) published an article on a study conducted by a group of researchers including Brian Olsen, assistant professor of biology and ecology at the University of Maine. Some closely related bird species interbreed where their ranges overlap, producing hybrid offspring that can backcross with either parent species until a whole population of mixed-species birds forms in the area and creates what's known as a "hybrid zone," according to the article. In the coastal marshes of New England, this has been happening between the saltmarsh sparrow and Nelson's sparrow, the article states. Olsen worked with researchers at the University of New Hampshire, the University of Delaware and the U.S. Fish and Wildlife Service to capture and examine birds in hybrid zones on the coast of Maine, New Hampshire and Massachusetts. The researchers found appearance alone is not enough to identify hybrid zone birds, and birds from further backcrossed generations were often indistinguishable from the parent species, the article states. Fifty percent of birds identified as pure Nelson's or saltmarsh sparrows in the field turned out to be the descendants of hybrids when their DNA was analyzed. [Tech Times](#) and [Nature World News](#) also reported on the research.

Brewer quoted in MPBN report on Maine Green Independent Party, primaries

27 Aug 2015

Mark Brewer, a political science professor at the University of Maine, spoke with the [Maine Public Broadcasting Network](#) for the report, "Maine Green Party opens some primaries to all independent voters." At the Maine Green Independent Party's recent state convention, the party decided to welcome all unenrolled Maine voters to help decide nominees in gubernatorial and legislative contests, according to the report. Brewer said the "Greens have been on the decline in Maine," and opening the party primary to independents could help. "The Green profile would seem to have a relatively natural constituency here in Maine," he said. "They've been in a lower profile recently. In my opinion that doesn't mean they have to stay that way."

Sorg's Maine drug death analysis cited in Fosters.com article on clinic closure

27 Aug 2015

In a report on the closing of an outpatient opiate addiction treatment center in Sanford, [Fosters.com](#) cited an analysis released by the Maine attorney general's office and conducted by Marcella Sorg, a research professor of the Margaret Chase Smith Policy Center at the University of Maine. The study found drug-induced deaths in Maine rose from 176 in 2013 to 208 in 2014, an increase of 18 percent, according to the article. The increase was due largely to a rise in deaths from heroin/morphine and fentanyl, a synthetic opiate that is 40 to 50 times stronger than heroin, the article states.

Visiting scholar John Burns to deliver lectures, narrate poetry program

28 Aug 2015

University of Maine alumnus and chair of the Department of Modern and Classical Languages and Religion at Rockford University in Illinois will deliver lectures and host a poetry program at UMaine in September. John Burns, an associate professor of Spanish who teaches Latin American literature, will give the lecture "Behind The Savage Detectives: The Infrarrealist Movement" at 4 p.m. Sept. 16 in Hill Auditorium, Barrows Hall. The talk will examine the genealogy of a

group of Latin American poets known as the infrarealists who lived in Mexico City in the mid-1970s. On Sept. 17, Burns will take part in a lecture and discussion with the Bangor area's CHISPA Centro Hispano, titled "Aesthetic of the Rain: Translating the work of contemporary Chilean poet Raúl Hernández." The event will be held at 6:30 p.m. in Hill Auditorium. That morning, the Honors College invites members of the UMaine community to attend a discussion and breakfast with Burns at 8 a.m. on the fourth floor of Colvin Hall. RSVP to Molly Hunt at mary.hunt@maine.edu by Sept. 14. At 6:30 p.m. Friday, Sept. 18, Burns will host "Secrets of the Old," readings of William Butler Yeats' most famous poems in the Bear's Den Cafe & Pub in the Memorial Union. Joining the worldwide celebration of Yeats' 150th birthday, UMaine will feature an evening of speakers and readers with an open microphone. Guests are asked to bring their favorite Yeats poem to share. During his visit, Burns also will meet with classes. His UMaine appearance is sponsored by the College of Liberal Arts and Sciences, Honors College, School of Performing Arts, Department of Modern Languages, English Department, UMaine Humanities Center and Cultural Affairs/Distinguished Lecture Series. Burns' recent publications include "Contemporary Hispanic Poets: Cultural Production in the Global, Digital Age," "Aesthetic of the Rain," a translation of work by Chilean poet Raúl Hernández; and "Una tribu de salvajes improvisando a las puertas del infierno: Antología Beat," an extensive anthology of Beat poetry compiled, translated into Spanish and annotated in collaboration with Rubén Medina.

Republican Journal previews Hutchinson Center's 'Justice Matters' event

28 Aug 2015

[The Republican Journal](#) reported Judge Nancy Torresen, chief judge of U.S. District Court of Maine, will be the keynote speaker for "Justice Matters: When We Cry for Justice, What Do We Really Mean?" from 8:30 a.m.–noon. Sept. 18 at the University of Maine Hutchinson Center in Belfast. The UMaine Peace and Reconciliation Studies program and the Restorative Justice Project of the Midcoast will present the event in celebration of the 10th anniversary of the Restorative Justice Project, which promotes fundamental change in the justice system and schools. A panel of five guests will join Torresen. The \$15 registration fee may be paid at the door; students may attend for free. Registration information is online.

CBS New York cites researchers in report on Long Island Sound lobster harvesting ban

28 Aug 2015

[CBS New York](#) cited research by University of Maine scientists for a report about a pending ban on lobster harvesting in the Long Island Sound. The moratorium aims to boost a lobster population that has decreased 95 percent, according to the report. Temperatures in the sound have warmed several degrees beyond what lobsters can tolerate, UMaine researchers told CBS2. The researchers said the sound was already on the edge for lobster survival, and warmer temperatures pushed them past the threshold.

Welcomer quoted in MPBN report on using schooner to ship goods, educate residents

28 Aug 2015

Stephanie Welcomer, an associate professor of management and associate dean of the Maine Business School, spoke with the [Maine Public Broadcasting Network](#) for the report, "Maine farmers sail to new markets the old-fashioned way." As part of the Maine Sail Freight project, a 90-year-old, twin-masted schooner sailed into Portland harbor Thursday morning to pick up three tons of Maine-grown farm produce to bring to Boston, according to the report. While it's part of a historical re-enactment, project organizers say they're also interested in making a serious point about food systems and regional economics, and the idea is to educate people about local food systems and how relevant they are, even in a globalized economy, the report states. Even though Welcomer said she doesn't think moving the bulk of our food around by sail is sustainable, the project does an important job of demonstrating how reliant all food production and distribution systems are on a fossil fuel-based transportation model. "And as we know, with climate change it's important to think about how we can reduce our reliance on fossil fuels," she said, adding it involves coming up with new business models for the 21st century.

Zachary Mason: Exploring glaciers of the past

28 Aug 2015

When Zachary Mason came to the University of Maine, he was unsure of what field he wanted to pursue. With strong interests in science and math, he joined a variety of clubs to dip his toes into different scientific disciplines. When he signed up to attend a field trip with the UMaine geology club, he didn't know anyone on the list. A year later, he was elected president of the club. "I was just a shy guy in a group of great people, barely even talking to other members," Mason says. "But somehow they voted me the president for the next year. I must have done something right." The group was joining the New England Intercollegiate Geological Conference at Sugarloaf mountain to find marine fossils. The group hiked to the summit, where the director of the trip explained that the area they were exploring was once partially submerged by the ocean. Mason was astounded. "At that moment, I knew that this was the major to be in. I knew that geology would fulfill my academic desires," Mason says. Mason, an Earth science major with a minor in ecology and environmental sciences, is expected to graduate in May 2016. For his Honors thesis, he is looking at when certain quartz-bearing boulders were deposited in Peru by glaciers using cosmogenic dating of beryllium. He hopes the inferences he makes will inform researchers about paleoclimate changes in the tropics, which can help researchers better understand and predict climate activity in the future. His research integrates topics from various geologic fields such as petrology, geochemistry, geochronology, climate science and glaciology. He was awarded a Center for Undergraduate Research (CUGR) grant to fund his summer research. He recently completed a summer internship at the Northeast Geophysical Services in Bangor. The internship is intended to equip students with knowledge of the latest methods in the field of geology. During the internship, he learned how to survey bedrock depth, groundwater contamination and buried drums/tanks. Mason pursued the internship to take the knowledge he learned in the classroom a step further and apply it in the field. "I enjoy interpreting and making inferences about the data I collect. I'll take a day in the field over a day behind a desk anytime," Mason says. Hailing from Tweksbury, Massachusetts, Mason hopes to attend graduate school in a field related to geology — such as petrology, structural/tectonic geology or geochemistry. After his master's, he plans on pursuing a career in mineral exploration with the eventual goal of earning a Ph.D. and teaching geology at the college level. "I feel that UMaine has provided me with avenues to discover and explore, and the School of Earth and Climate Sciences has provided me with the resources and tools to further my goals of being a researcher in the sciences," Mason says. "I believe my experiences at the university have allowed me to become more competitive as an applicant in the job market and for graduate schools." One of Mason's most memorable UMaine experiences was traveling to Utah and Arizona with the geology club for Spring Break 2014. Destinations included Zion National Park and Grand Canyon National Park. It was one of the best trips of his life, Mason says.

Volunteers sought for UMaine Center on Aging Senior Companion Program

31 Aug 2015

The University of Maine Center on Aging's Senior Companion Program (SCP) currently has openings for qualified volunteers throughout the state. SCP provides volunteer opportunities for limited-income adults age 55 and older. These volunteers, called Senior Companions, visit homebound older adults 15–20 hours per week to provide companionship. Primarily funded through the Corporation for National and Community Service, SCP provides nontaxable stipends and partial travel reimbursement to Senior Companions. In 2015, SCP had close to 100 active volunteers who visited more than 325 people on a regular basis, enabling both the Senior Companion and the client to maintain independence, often in their own homes. For more information about SCP and other programs available at the UMaine Center on Aging, contact Wanda Lincoln at 581.3326 or wanda.lincoln@maine.edu.

New Balance Student Recreation Center named one of America's best college gyms

31 Aug 2015

[The Active Times](#) named the University of Maine's New Balance Student Recreation Center one of "America's Best College Gyms." The article states "the fitness centers at these universities are more incredible than you could possibly imagine." In selecting the 11 gyms that made the list, the organization said it considered everything from the size and layout of the facilities to the amenities and extras they offer. "The 87,000-square-foot facility houses everything you

would expect in a state-of-the-art facility — and much more,” the article states of UMaine’s rec center, citing the floor-to-ceiling windows, 140 pieces of cardio and weightlifting equipment and indoor aquatic complex. “Students looking for outdoor adventure can rent cross-country skis and snowshoes from the rec center to explore the 15 miles of groomed trails in the adjacent DeMeritt Forest,” the write-up continues.

Fosters.com advances UMaine Extension beekeeping course

31 Aug 2015

[Fosters.com](#) reported the University of Maine Cooperative Extension and the Maine State Beekeepers Association (MSBA) will offer a five-week Beginner Bee School from 6 to 8:30 p.m. Thursdays, Oct. 1 through Oct. 29, at Anderson Learning Center, 21 Bradeen St., Springvale. Instructor Larry Peiffer, master beekeeper and former MSBA vice president, will discuss honey bee colonies, hive construction, pests and diseases, and honey production, according to the article. Participants also will observe area hives and gain hands-on experience during a field lab at a later date, the article states. Cost is \$95 per person, \$140 for two people who share materials, and includes a one-year membership in the York County Beekeepers Association. Sept. 24 is the deadline to register. More information and registration is [online](#).

Kersbergen quoted in Press Herald report on local, grass-fed meat

31 Aug 2015

Richard Kersbergen, a University of Maine Cooperative Extension educator on sustainable dairy and forage systems, was quoted in the [Portland Press Herald](#) article, “Backing up claims about local and grass-fed meat,” as part of the “Green Plate Special” column. According to a letter drafted this summer by the Maine Grass Farmers Network to retailers, restaurants and institutions that sell and serve locally sourced meat and poultry, learning where meat was born, raised and slaughtered isn’t always easy, the article states. As the demand for local proteins has increased, so have the instances of distributors and farmers misrepresenting the products they sell, the letter claims. The letter lays out steps retailers, restaurateurs and institutional buyers should take, including that all meat and poultry purchased should come with a USDA or ME state approved label. Any value-added claims made about the product on the label can be listed only if the claims have been evaluated and found to be true by inspection, according to the article. “There is a significant paper trail in place. It’s a matter of educating buyers at all levels how to use it,” Kersbergen said.

Fosters.com interviews Brawley, Kaczor about influx of seaweed washing ashore

31 Aug 2015

Susan Brawley, a professor of plant biology at the University of Maine, and Keri Kaczor, a marine professional with the University of Maine Cooperative Extension, were quoted in the [Fosters.com](#) article, “Massive influx of seaweed worries officials.” Maine environmental officials, scientists and coastal municipal leaders have recognized an ecological shift along southern coastal beaches and inlets in recent years that has allowed for periodic but massive influxes of seaweed to wash ashore, according to the article. Kaczor, coordinator of the Maine Healthy Beaches program, said the increase in seaweed is “something no one has seen before” and high bacteria counts in the past few months can be traced directly to loose seaweed on the beach. “What we think is happening is that there’s a larger shift occurring in the ecosystem as a whole. This is indicative of coastal imbalance,” she said. Seaweed grows just off the coast and is lightly attached to rocks and gravel, according to the article. “So when there’s any turbidity at all — and it doesn’t take a serious storm — it’s torn from its roots and washed ashore,” Brawley said. She added although definitive studies have yet to be conducted on increasing seaweed along the Maine coast, “it is clear that warming ocean temperatures in the Gulf of Maine play a factor.”

Moran speaks with Press Herald about state’s peach crop

31 Aug 2015

Renae Moran, a tree fruit specialist with the University of Maine Cooperative Extension, spoke with the [Portland Press](#)

[Herald](#) about Maine's relatively small peach crop. Moran estimates there are about eight acres of peaches in the state compared with 2,000 acres of apple trees. In an ordinary year, the state's climate is rough on the stone fruit, according to the article, and this year cold temperatures took a particular toll, with growers reporting from zero to 30 percent of a full crop, according to Moran. Highmoor Farm, UMaine Extension's research orchard in Monmouth, got about 25 percent of its usual harvest, the article states.

Counihan discusses majoring in humanities on MPBN

31 Aug 2015

As part of a series on the importance of humanities, the [Maine Public Broadcasting Network](#) interviewed Patty Counihan, who directed the University of Maine's Career Center until she retired earlier this year. Counihan spoke about an essay she wrote titled, "What are You Going to Do with 'That' Major? The Humanities, Jobs and a Career," for the special issue of [Maine Policy Review](#) on the humanities and policy, produced by the Margaret Chase Smith Policy Center in cooperation with the UMaine Humanities Center.

Fosters.com interviews Redmond about Maine's seaweed industry

31 Aug 2015

Sarah Redmond, a marine extension associate with the Maine Sea Grant College Program at the University of Maine, spoke with [Fosters.com](#) for a report about Maine's growing edible seaweed industry. Redmond said "there's definitely a lot of potential" for the seaweed industry in Maine. "We're not having rampant growth, but people are hearing about seaweed more and more. I think something big is happening, but we need more awareness for the industry to really take off," she said. Redmond tracks the edible industry in Maine, which includes wild harvest and aquaculture seaweed, according to the article. She has been working for the past four years with those interested in growing seaweed in an aquaculture setting, and UMaine's Center for Cooperative Aquaculture Research is working to cultivate native species that can be transplanted to grow in controlled farms in the ocean, the article states. There are currently seven wild harvest seaweed companies and seven aquaculture seaweed companies in Maine, Redmond said.

WABI covers move-in day for first-year students

31 Aug 2015

WABI (Channel 5) spoke with first-year University of Maine students as they moved into their dorms during Fall Welcome Weekend. Students were asked questions including why they chose UMaine, what they are most looking forward to and what their expectations are for this year. One student said they chose UMaine because of the atmosphere and people, and many of the students interviewed said they looked forward to meeting new classmates.

Hispanic heritage lecture series announced

01 Sep 2015

The University of Maine and CHISPA Centro Hispano will host the 2015 Hispanic Heritage Month Lecture Series throughout September and October. All lectures will be held at 6:30 p.m. Thursdays starting Sept. 17 at UMaine's Arthur St. John Hill Auditorium, 165 Barrows Hall. The events are free and open to the public and include a reception following each talk. The series kicks off Sept. 17, when UMaine alumnus John Burns, an associate professor of Spanish and chair of the Department of Modern and Classical Languages and Religion at Rockford University in Illinois, will deliver the talk, "Aesthetic of the Rain: Translating the work of contemporary Chilean poet Raúl Hernández." Other lectures are "The most common endocrine diseases that affect the Hispanic population," by Dr. Ana X. Mendoza Salazar, an endocrinologist at St. Joseph Hospital, on Sept. 24; "The Americas from a transnational perspective," by Stefano Tijerina, the visiting Libra Diversity Professor in history and an adjunct assistant professor of political science at UMaine, on Oct. 1; and "Health disparities and challenges faced by the Hispanic population," by Nilda Cravens, a registered nurse and lecturer at UMaine, on Oct. 8. Co-sponsors of the lecture series include UMaine's Department of

Modern Languages and Classics, College of Education and Human Development and Department of English. CHISPA Centro Hispano is a nonprofit organization that facilitates and promotes Hispanic social and cultural values in the Greater Bangor area. More information is on the group's [Facebook](#) page.

Boothbay Register advances annual Knox-Lincoln Counties Extension Association meeting

01 Sep 2015

[Boothbay Register](#) reported the Knox-Lincoln Counties Extension Association's (KLCEA) annual meeting will be held at 5:30 p.m. Wednesday, Sept. 9, at Sheepscot General Store, in Whitefield. This year's meeting will focus on the challenges facing small farms in Maine and the innovation leading to success, according to the article. Guests are invited to meet with University of Maine Cooperative Extension staff and executive committee members, view UMaine Extension displays and enjoy refreshments before a 6 p.m. presentation by Ben Marcus and Taryn Hammer, owners of Sheepscot General at Uncas Farm.

Rebar quoted in Deseret News article on younger generation of farmers

01 Sep 2015

John Rebar, executive director of the University of Maine Cooperative Extension, spoke with [Deseret News](#) for the article, "A younger generation of farmers gets in the dirt." The article states the number of Americans younger than 35 pursuing farming as their primary occupation increased 10 percent to roughly 55,000 between 2007 and 2012, according to a United States Department of Agriculture census. "The younger farmers of today are not the same as the 'back to the land' homesteaders of the 1970s," Rebar said. "Today's young farmers are aspiring to be successful businesspeople who want a relationship with their customers. They want to work toward creating something that is meaningful for them and the communities where they live. They want to make a living while having a quality of life that creates a positive place within their community." [Daily American](#) also published the Deseret News article.

Press Herald cites Sorg's drug death analysis in article on awareness event

01 Sep 2015

An analysis on Maine drug deaths was cited in a [Portland Press Herald](#) article on a candlelight vigil and march held in Portland's Monument Square to remember those who have died from drug overdoses and to spread the message that addiction can be overcome. The analysis was released by the Maine attorney general's office and conducted by Marcella Sorg, a research professor of the Margaret Chase Smith Policy Center at the University of Maine. The study found that the number of Maine residents who died of drug overdoses in 2014 hit a record high, according to the article. The report showed 208 people in Maine died of drug overdoses — an increase of 18 percent over 2013, when 176 people died. The drugs ranged from cocaine to heroin and other opioids, and the number of deaths from heroin jumped from 34 in 2013 to 57 in 2014, the article states.

Ellsworth American previews pollinator workshop

01 Sep 2015

[The Ellsworth American](#) reported the University of Maine Cooperative Extension's Master Gardener Volunteer Program will offer a free workshop with Woodlawn Museum on Sept. 19. "Native Pollinators: Habitats In Your Garden," will run from 10 a.m. to noon at the museum in Ellsworth. Alison Dibble, a research professor in pollination ecology at UMaine, will present on native bees, other pollinators and their habitats, according to the article.

Kinghorn to lead Portland Museum of Art discussion, Press Herald reports

01 Sep 2015

The [Portland Press Herald](#) reported George Kinghorn, director and curator of the University of Maine Museum of Art,

will lead a panel discussion about regionalism in contemporary art at 6 p.m. Thursday, Sept. 3 at the Portland Museum of Art. Kinghorn will moderate a discussion among Maine artists Lauren Fensterstock, Anna Hepler and Philip Frey on the opportunities and challenges of being an artist in Maine, according to the article. The talk will be in the museum auditorium, and admission is \$8.

Rebar speaks with media about University of Maine System's local food pledge

01 Sep 2015

John Rebar, executive director of the University of Maine Cooperative Extension, was quoted in reports by the [Portland Press Herald](#) and WVII (Channel 7) on the University of Maine System announcing its pledge to offer 20 percent local food by 2020. "Maine agriculture is passing the test," Rebar told the Press Herald of being able to supply enough food for the state's university students. "We have the most diverse agriculture in New England. By some measures we are second only in the nation to Vermont in terms of interest in local foods." The [Bangor Daily News](#) also reported on the pledge, stating that while UMaine in Orono, which operates on a separate contract, already draws about 18 percent of its food from local sources, and plans to hit the 20 percent mark by 2020. "For 150 years, the University of Maine has really served agriculture with education and applied research. Now we're going to be a customer of the very folks we've worked with so it's really very exciting," Rebar told WVII.

C&EN reports on Rasher's marine slug research

01 Sep 2015

[C&EN](#) (Chemical & Engineering News) reported on marine slug research led by Douglas Rasher, a postdoctoral research associate at the University of Maine Darling Marine Center, and researchers at Georgia Institute of Technology. The researchers found the marine slug *Elysia tuca* sniffs out the seaweed *Halimeda incrassate* so it can steal the algae's chloroplasts and chemical weapons, according to the article. The slug then uses the chloroplasts to make its own energy from sunlight. "It's a solar-powered slug," Rasher says, adding it gets 60 percent of its fixed carbon from the stolen photosynthetic organelles. The slug also steals the seaweed's toxic arsenal of halimedatacetate — one of the compounds used by the slug to track the seaweed — for use as its own defense, the article states. [UPI](#) also carried a report on the research.

New Bananas mascot to be unveiled Sept. 26

01 Sep 2015

University of Maine Athletics announced on its [Facebook](#) and [Twitter](#) pages that a new Bananas mascot will debut at the UMaine Football home opener against Rhode Island on Sept. 26. For the past century, the black bear has been the UMaine mascot. The new suit will mark the mascot's sixth makeover. A complete history of Bananas is on UMaine's 150th [website](#).

Kitchen Composting Solution at Orono, Maine startup

01 Sep 2015

<https://youtu.be/k4a7D9MyH38> [Transcript](#) Emma Wilson's path to becoming president of a Maine startup company began in her undergraduate years at the University of Maine. As a fellow in UMaine's [Innovate for Maine Program](#) (Blackstone Accelerates Growth), she interned with Zeomatrix, a university spin-off company specializing in a patented odor-absorbing technology. Under the direction of Wilson, Zeomatrix launched Odigo, an environmentally friendly kitchen composting kit, engineered to reduce odor. In this video, Wilson talks about her journey from undergraduate intern to Zeomatrix president, and the opportunities offered by the Top Gun Entrepreneurial Accelerator Program. The Top Gun entrepreneurship accelerator is a five-month program that engages entrepreneurs in growing their businesses. Top Gun combines education, mentoring, pitch-coaching and networking opportunities. The program is a partnership of the Maine Center for Entrepreneurial Development, Maine Technology Institute, Blackstone Accelerates Growth and the University of Maine. UMaine organizes and hosts a Bangor region class and has also developed curriculum to

support the statewide program. More information about Top Gun is online. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** Hi, my name is Emma Wilson, and I am the president of Zeomatrix. We're working on launching Odigo, which is a composting starter kit. We actually began right here, at UMaine, a world-renowned paper research school. Our core technology is an odor-absorbing paper coating. I signed up for Top Gun, because I wanted some mentors. That's one of the things that Top Gun provides, a mentor for each participant. I knew it would be a really good networking opportunity to be able to talk to people that are in the same boat as me who are entrepreneurs that are doing this alone, themselves. I am, actually, from Greenville, Maine, which is a really small town on Moosehead Lake. I started with Zeomatrix, as an intern, through the Innovate for Maine program. That's how I started in Orono. Then, when I graduated last May, they needed someone to continue running the company, and they offered me the job. That's where I am right now. [Back to article](#)

UMaine receives NSF awards to enhance America's biodiversity collections

02 Sep 2015

Centuries of discoveries that document the diversity of life on Earth will be more accessible than ever with the help of National Science Foundation grants awarded to institutions across the country, including the University of Maine. The initiative will allow scientists and the public to view online collections of plant and fungal specimens that once could only be seen by visiting a herbarium, a facility where dried collections reside. "By providing this treasure trove of historical and current data on the diversity of organisms to scientists, they can study factors, such as past changes in climate, land use, and others on biodiversity and allows us to plan for future disturbances and what their effects may be," says Seanna Annis, professor of mycology at UMaine and principal investigator for one of the awards. Maine received a total of \$106,000 for two of the seven projects funded in the fifth round of NSF's Advancing Digitization of Biodiversity Collections (ADBC) program. To date, ADBC has made a total of more than \$5.8 million in awards to scientists from nearly 50 U.S. institutions. The ADBC program supports more efficient, innovative ways to access research collections from institutions across the country. The program funds two types of projects — Thematic Collections Networks (TCNs) and Partners to Existing Networks (PENs). UMaine received two PEN awards, which are intended to allow universities that were not fully ready to participate in the initial TCNs to add their collections. Christopher Campbell, professor of plant systematics at UMaine and principal investigator for one award, believes that understanding biodiversity is critical. "We depend on diversity for food, water, clothing, shelter, many medicines and other beneficial attributes," he says. The first award of \$68,000 supports the addition of approximately 33,000 of the 55,000 plant specimens from the UMaine Herbarium to the existing New England Vascular Plant Network. The network is focused on understanding climate and land use change in New England. The UMaine Herbaria — which aims to document the diverse flora of Maine — is comprised of comprehensive, organized collections of plants, fungi, lichens and mosses collected over the past 170 years. The space provides a repository of specimens for educational purposes and is a valuable resource for climate change research. "Plants track seasonal changes in temperature, and their phenology therefore shifts as climate changes," says Campbell. "Over 160 years ago, Henry David Thoreau recorded flowering times of plants around Walden Pond in Concord, Massachusetts. Today, flowering times of the same species are up to three weeks earlier in response to the earlier arrival of spring." The second award of \$38,000 will support the addition of digital records of approximately 8,000 macrofungi specimens from UMaine's Richard Homola Mycological Collection to the Macrofungi Collection Consortium. The consortium works to understand the diversity of macrofungi, which like their smaller cousins microfungi, are integral members of many ecosystems. Macrofungi play important roles in decomposition and nutrient recycling, biological control and providing mutually beneficial interactions with plants that affect both organisms' distribution, interactions with other species and evolution, says Annis. The National Science Foundation's full press release is [online](#). Contact: Amanda Clark, 207.581.3721

UMaine accepting applications for after-school ArtWorks! program

02 Sep 2015

The University of Maine Department of Art is accepting applications for the fall 2015 session of after-school art classes for area children in grades K–8. The ArtWorks! program provides children an opportunity to explore the world of art through hands-on experiences with a variety of visual media, as well as the history and viewing of art. Classes will be held in Lord Hall on the UMaine campus from 3:30–5 p.m. Fridays, Oct. 16 through Nov. 13. A \$25 fee covers the cost

of materials, and a limited number of scholarships are available. The program consists of four teaching sessions and one student exhibition. The lessons are taught by art education students under the supervision of art professor Constant Albertson. Class sections are organized by age or grade level, and spaces are limited. Acceptance is determined on a first come, first served basis. Parents or guardians are responsible for transportation to and from the program. For more information or to request an application, call Albertson at 581.3251 or email constant.albertson@umit.maine.edu. The deadline to register is Oct. 2.

New Center for Community Inclusion and Disability Studies director named

02 Sep 2015



Vice President for Research and Dean of the Graduate School Carol Kim has named Alan Cobo-Lewis, associate professor of psychology, as the director of the Center for Community Inclusion and Disability Studies (CCIDS) at the University of Maine. CCIDS is one of 68 federally funded University Centers for Excellence in Developmental Disabilities (UCEDD) established under the federal Developmental Disabilities and Bill of Rights Act. Cobo-Lewis received his bachelor's degree in psychology in 1988 from the University of Miami and his Ph.D. in psychology in 1992 from the University of Wisconsin, where he was a National Defense Science and Engineering Graduate Fellow. He joined the UMaine faculty in 1998. Cobo-Lewis has a 28-year history of involvement with UCEDDs, beginning with his participation in a research project as an undergraduate at the Mailman Center for Child Development in Miami, Florida. He continued his involvement as a graduate student at the Waisman Center for Human Development in Madison, Wisconsin. At UMaine, he has led community-engaged research projects involving members of the CCIDS. An active member of the disability community in Maine, Cobo-Lewis has served as a longtime member and leader of the Maine Developmental Disabilities Council. He has earned the respect of legislators and advocates for his work in Maine disability policy and has received awards for his advocacy, including the University of Maine Presidential Public Service Award.

Press Herald speaks with Yarborough about lingonberries

02 Sep 2015

David Yarborough, a blueberry specialist with the University of Maine Cooperative Extension and professor in the

School of Food and Agriculture, was quoted in the [Portland Press Herald](#) article, “Hard-to-find lingonberries find a place on one Down East farm.” According to the article, Lamb Cove Farm in Robbinston, which farms wild blueberries on five organic acres, is growing the berries by accident. The berries, which have Scandinavian roots and are closely related to cranberries, grow low to the ground under the blueberries, the article states. Yarborough said lingonberries and blueberries are in the same genus, *Vaccinium*. “Essentially they have pretty much the same growth requirements as blueberries; acidic, well-drained soil,” he said. “It’s really quite a nice fruit,” Yarborough added. “It’s tart. It’s flavorful. It’s got the taste of a cranberry and the texture of a blueberry.”

AP quotes Brewer in report on Rand Paul’s Freeport campaign stop

02 Sep 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in an Associated Press article about Republican presidential candidate Rand Paul’s recent campaign stop in Freeport. The rally and fundraiser were held at a restaurant where Paul’s father, Ron Paul, drew a large crowd in January 2012 before his strong showing in Maine’s presidential caucuses, according to the article. Brewer said it made sense for Paul to come to Maine to generate some enthusiasm needed to avoid “sliding into irrelevance.” “He’s making a visit to the state where his father did very, very well. He’s going to try to recreate some of that magic on his own,” he said. [Sun Journal](#), [Concord Monitor](#) and [The Sacramento Bee](#) carried the AP report.

‘The Cherry Orchard’ one of many fall picks for School of Performing Arts

02 Sep 2015

An invitation to “Find Yourself in the Arts” headlines the inside of the University of Maine School of Performing Arts fall 2015 brochure. The SPA is providing numerous opportunities for people to do just that. It’s staging 29 distinct theater, music and dance shows totaling 40 performances in three campus venues from September through December. The curtain will rise on the season at 7:30 p.m. Sept. 10 for the Faculty Jazz Recital and go down after the 7:30 p.m. Dec. 12 Fall Dance Showcase. Several events are highlighted below: Pianist Ginger Yang Hwalek will be featured in two faculty recitals. One, with flutist Liz Downing at 2 p.m. Oct. 18, was originally scheduled for last winter but was postponed due to weather. The other, with Laura Artesani at 7:30 p.m. Nov 13, will be a four-hands piano recital. At the Society of Composers Conference Showcase Oct. 22–24, UMaine faculty and students will perform pieces selected from submissions by musicians from around the country. The Mainely Baroque Music Concert at 7:30 p.m. Oct. 29 will feature Italian music of the 17th century. Three Mainely Baroque artists — Rose Barrett on baroque violin, from France; Luca A. Rizzello on baroque violin, from the Netherlands; and Gilberto Scordari on organ and harpsichord, from Italy — will join UMaine faculty members Anatole Wieck on violin, Dan Barrett on trombone and others from the SPA and area communities. Several musicians who perform in the concert are slated to join the University Orchestra in concert at 7:30 p.m. Oct. 31. For theater enthusiasts, “The Cherry Orchard” directed by Marcia Joy Douglas, will be performed seven times — Nov. 6, 7 and 8 and Nov. 12, 13, 14 and 15. “The Cherry Orchard” is the last play penned by Russian writer Anton Chekhov before his death in 1904. The play, which mixes comedy and tragedy, portrays an aristocratic Russian family that loses its estate because it can’t pay the mortgage. “Chekhov had an amazing understanding of human psychology and human flaws,” says Douglas. “These characters are drawn like tips of icebergs. You see a bit of them and know there is a mountain of hopes and fears behind/underneath everything they do and say.” The Yuletide Holiday Concert, a traditional fan favorite, will ring in the festive season at 2 p.m. Dec. 6 at the Collins Center for the Arts. And, at 7:30 p.m. Dec. 8, UMaine professor Beth Wiemann, a composer and clarinet player, will be a guest soloist in the Symphonic Band Concert at the CCA. UMaine band director Chris White will conduct the concert and Nicholas Williams from the University of North Texas will be guest conductor. For a complete list of performances, dates, times, sites and ticket prices, visit umaine.edu/spa/events. Contact: Beth Staples, 207.581.3777

Student bus trip to Portland Museum of Art Sept. 19

03 Sep 2015

University of Maine students are invited to take a \$10 bus trip to Portland for a guided tour of the Portland Museum of

Art's exhibit, "Directors' Cut: Selections from the Maine Art Museum Trail," on Saturday, Sept. 19. The bus will leave from the Collins Center for the Arts parking lot at 8:30 a.m. and return about 8 p.m. The trip is co-sponsored by the University of Maine Museum of Art, Honors College, and the UMaine art, English and history departments. Students in those departments have first access to seats until Sept. 11. To reserve a bus seat or request a disability accommodation, contact Liam Riordan at 581.1913 or riordan@umit.maine.edu. More information about the exhibit is [online](#).

Gulf of Maine coral research cited in Free Press article

03 Sep 2015

[The Free Press](#) published an article on cold-water coral formations in the Gulf of Maine. Since 2013 scientists funded through NOAA's Deep Sea Coral Research and Technology Program have been conducting research cruises in the Gulf of Maine using remotely controlled underwater vehicles and multibeam sonar to identify cold-water coral communities, according to the article. This year during a 10-day research cruise, scientists from several institutions including the University of Maine looked at three areas: Outer Schoodic Ridge, the Mount Desert Rock area and the Georges Basin region. A site on Outer Schoodic Ridge showed dense coral and sponges along the bottom and on the steep vertical walls, and in the Mount Desert Rock area scientists found two coral walls brimming with red tree coral, fan coral and multiple species of sponge. At the base of the slope stretching from Georges Bank into Georges Basin, what corals the researchers did find were tucked into crevices and cracks along the walls, the article states.

WABI covers Waldo County Extension Association's Woman Farmer of the Year announcement

03 Sep 2015

WABI (Channel 5) reported Penny Stevens of Knox was named the 2015 Woman Farmer of the Year by the Waldo County Extension Association at its annual meeting in Unity. Stevens and her husband Jeff own Windgate Farm, and they've been dairy farmers for nearly 30 years, according to the report. "She has done a great job, and she does every job on the farm — from running every tractor to milking every cow," said Richard Kersbergen, a University of Maine Cooperative Extension educator on sustainable dairy and forage systems.

Fosters.com reports on plum production research

03 Sep 2015

[Fosters.com](#) published a University of Maine news release about researchers who are working to bring locally grown plums to farm stands around the state. The two-year project — funded by the Maine Department of Agriculture, Conservation and Forestry — is identifying suitable plum varieties for Maine's climate that would help diversify the state's apple farms. The project is a joint collaboration between Angela Myracle, a phytochemist and nutritional biochemist at UMaine, and Renae Moran, a tree fruit specialist with the UMaine Cooperative Extension. The team is assessing locally grown plum varieties by evaluating crop yields, fruit quality, consumer acceptance and production costs.

Boston Globe interviews Weiskittel for article on Earth's number of trees

03 Sep 2015

Aaron Weiskittel, a professor of forest biometrics and modeling at the University of Maine, was quoted in [The Boston Globe](#) article, "Surprise! The Earth has trillions more trees than we thought." A new Yale University study recently published in Nature found there are currently 3.04 trillion trees on Earth, which is 750 percent more than the previous best estimate of 400 billion, according to the article. The study's lead author said his research will help scientists and conservationists recalibrate their statistical models to better reflect the number of trees living on Earth, the article states. Other experts in the field, including Weiskittel, think an accurate estimate of the global tree population is less important. "When I think about forests and what they have to offer, the number of trees doesn't really matter," he said, adding a more useful statistic is the amount of biomass in a forest, which includes trunks, branches, and leaves. Biomass is a better indicator of a forest's carbon-capturing capacity and it's not all that closely tied to the total number of trees, the

article states.

High-performance computer modeling to tackle fisheries future

03 Sep 2015

Timely forecasts of storms and effective management of commercial fishing are essential in the wake of extreme weather events and unprecedented warming in the Gulf of Maine. Damian Brady, University of Maine assistant professor in the School of Marine Sciences at the Darling Marine Center, is working to advance both of those goals. The National Science Foundation recently awarded Brady and colleagues a \$266,309 grant to advance UMaine high-performance computer modeling tools to do just that. The project — “Major Research Instrumentation Program Track 1: Acquisition of High Performance Computing to Model Coastal Responses to a Changing Environment” — includes buying a system that nearly triples computing power at the university and acquiring an off-site backup system for project data. The project is ideal because it joins world-class researchers and experts in cyberinfrastructure to create a platform that advances goals of the research and creates a platform that benefits research and education across all disciplines, says Bruce Segee, the Henry R. and Grace V. Butler Professor of Electrical and Computer Engineering and director of the Advanced Computing Group. “Computing and storage are the test tubes and microscopes of the 21st century. They support the creation of knowledge, collaboration, communication and economic growth,” he says. “Maine is fortunate to have a High Performance Computation facility available to its researchers and students, and this grant will help significantly increase the complexity of the questions that can be asked and the number of users it can support. Demand for computing resources is growing at a rapid pace, and this grant provides a great step forward to help meet the demand.” The tools will help scientists better predict climate changes and extreme weather, as well as understand ensuing ecological and physical consequences, and weigh costs and benefits of adaptation or mitigation. “The effects of climate change are not likely to be straightforward. There are species and ecosystems that will benefit and those that will not,” says Brady. “The purpose of running computer models is that they ask the really tough questions like: What will happen to the lobster industry under a 1-, 2-, or 3-degree (temperature) increase? What will the impact of increased rainfall be on shellfish along the coast? Although models will not perfectly predict the consequences of these changes, they can give us a range of potential futures.” Maine is uniquely positioned physically and economically to be affected by climate change, Brady says. The state is on one of the sharpest latitudinal temperature gradients in the world and has one of the longest coastlines in the United States.” And the potential impacts of climate change are significant for Maine, where the economy is linked to marine resources and infrastructure. The aquaculture industry (predominantly salmon and shellfish) doubled in value from 2005 to 2013. And Maine’s commercial fisheries were valued at a record \$585 million in 2014, says Brady. Boosting computing capacity at UMaine will allow coastal modelers to inform local decisions and increase undergraduate and graduate student access to high-performance computing, Brady says. UMaine colleagues Huijie Xue, professor of oceanography; Fei Chai, professor of oceanography; Qingping Zou, assistant professor of coastal engineering, and Sean Birkel, research assistant professor with the Climate Change Institute, are taking part in the three-year project with Brady and Segee. Contact: Beth Staples, 207.581.3777

Piano Men, BSO to take stage for Collins Center gala

03 Sep 2015

The Collins Center for the Arts at the University of Maine will kick off its 30th season celebration Sept. 12 with a gala that includes a concert tribute to the music of Billy Joel and Elton John, a dinner and an awards reception. Piano Men: The Music of Elton and Billy begins at 8 p.m. in Hutchins Concert Hall at the Collins Center. The concert combines the talents of a four-piece pop group, which features Joe Boucher on piano and vocals, and the Bangor Symphony Orchestra. The gala begins at 5 p.m. with a reception and dinner at Wells Conference Center. At the gala, the CCA will present the Wilma Awards to J. Malcolm Shick and the University of Maine Foundation. Wilma Awards, named in honor of Wilma Bradford, are given annually to a member of the community and/or a business that have made substantial contributions to the center and to the promotion and enhancement of cultural activities in Maine. “Malcolm Shick and the UMaine Foundation both exemplify the individual and community support that have helped the CCA thrive for 30 years,” says Danny Williams, executive director of the Collins Center. Shick, a retired UMaine professor of zoology and oceanography and recipient of the 2014 Presidential Outstanding Teaching Award, has been a long-time board member of the Collins Center and has served on the Chamber Music Society committee. The University of Maine

Foundation encourages gifts and bequests to promote academic achievement, as well as foster research and elevate intellectual pursuits at UMaine and at charitable organizations. To purchase tickets and to learn more about the 30th celebration season, visit collinscenterforthearts.com or call 207.581.1755. Contact: Beth Staples, 207.581.3777

Digital Humanities Week Sept. 21–25

03 Sep 2015

The University of Maine Humanities Center will host several free and public events as part of the third biennial Digital Humanities Week, Sept. 21–25. Events throughout the week aim to showcase groundbreaking digital work and bring faculty, students and the surrounding community together to discuss the world of the digital humanities, according to UMaine history professor Liam Riordan who directs the UMaine Humanities Center. “We will all benefit from more frequent and more meaningful discussions outside our individual silos especially as technological possibilities are fluid and fast changing,” he says. In advance of the week, a kickoff event was held Tuesday, Sept. 15. Members of the public were invited to take part in a small-group discussion led by UMaine history professor Anne Kelly Knowles. The talk was held at 4 p.m. in the Bumps Room of the Memorial Union. Participants were asked to read in advance the short essay “What is spatial history?” by Richard White. They also might enjoy viewing the [Ted Talk](#) by Knowles on reimagining the Civil War battle of Gettysburg. Related to the discussion, Knowles will deliver the lecture, “Telling the Spatial Story of the Holocaust: Finding Humanity in Social Science,” at 3:15 p.m. Monday, Sept. 21 in the Fernald APPE Space, 104 Stewart Commons, IMRC. The lecture is part of the UMaine History Department’s fall 2015 Symposium Series. Also on Monday, Ben Ray, a professor of religious studies at the University of Virginia, will speak about “Mapping the Salem Witch Trials: How Satan Went Viral in Salem” at 12:10 p.m. in 211 Little Hall. Other presentations throughout the week include “Merging Modalities: Creating the New Bedford Whaling Museum’s Online Scrimshaw Exhibit” by Tess L’Heureaux, a UMaine Ph.D. candidate in history; “Coactive Systems: Biologically Inspired Art & Science Hybrids,” by Gene Felice, an assistant professor of intermedia and new media at UMaine; “Exploring the Power of Inquiry with ArcGIS Online: A Hands-On Workshop,” by Margaret Chernosky of the Maine Geographic Alliance; “Broadcasting in its Infancy in Maine: A Sound Engineer in the Archives,” by Barry Darling, an independent audio recordist; and “Using Advanced Real-time Game Technology to Tell Important Stories,” by Chuck Carter of Eagre Games in Orono. Representatives from the Mount Desert Island Historical Society, Bangor Historical Society and Bangor Daily News will deliver presentations on student internships and the digital humanities at 12:10 p.m. Friday, Sept. 25 in the Bumps Room of the Memorial Union. A tour of the Career Center will follow the panel discussion at 1:10 p.m. Lunch will be sponsored by the Division of Student Life. The week closes with an informal get-together at the Black Bear Brewery, 19 Mill Street in Orono, starting at 5 p.m. Friday, Sept. 25. “As our means of communication and understanding have been transformed by a host of new digital technologies, the study of the human experience and expression has greater potential reach than ever,” Riordan says. “But the kinds of ‘big data’ that digitization produces can sometimes be overwhelming. As a result, we need to combine new analytical skills with traditional ones to make sure that we make the best use of the digital revolution to advance our quality of life.” Events are organized by the UMaine Humanities Center and co-sponsored with the Division of Student Life, Fogler Library, the departments of history and new media, and the Intermedia MFA Program. A complete schedule including times and locations is online. For more information or to request a disability accommodation, contact Riordan at 581.1913 or riordan@umit.maine.edu. Several essays in the recent humanities-themed issue of Maine Policy Review explore different facets of the digital humanities and are available as free downloads on Fogler Library’s digital commons [website](#). Contact: Elyse Kahl, 207.581.3747

UMaine to host free training workshop for women interested in leadership

04 Sep 2015

A free training workshop for college women who are interested in sharpening their leadership skills and learning more about political campaigns will be held Saturday, Sept. 26 at Wells Conference Center on the University of Maine campus. Elect Her — Campus Women Win participants will learn the basics of running a successful student government campaign, as well as meet local campaign winners. The all-day program will include presentations by state representatives Ellie Espling and Sara Gideon, as well as information and activities focused on running for office such as message design and campaign strategy. “Next Step RUN!,” a documentary film that features women candidates will

be shown, and a panel of students who hold leadership positions at UMaine and Husson will be available to answer questions. A networking reception with local city and state officials will close the program. A continental breakfast, lunch and refreshments will be served. A full agenda is online. Registration can be completed online before Friday, Sept. 18. Elect Her is the only national program that encourages and trains college women to run for student government and future political office. A joint program of the American Association of University Women (AAUW) and Running Start, Elect Her will be offered at 50 sites around the nation and Jamaica in 2015. This is UMaine's second year hosting the event. The Division of Student Life and Margaret Chase Smith Policy Center are co-sponsoring the event along with AAUW and Running Start. More information about Elect Her is available on the AAUW website or on the Elect Her [Facebook](#) page.

BDN covers launch of STEM project to benefit Down East youth

04 Sep 2015

The [Bangor Daily News](#) reported on the official launch of STEM Guides Downeast, a new program based in Machias that aims to immerse at least 600 10- to 18-year-olds in innovative, out-of-school science and math opportunities. The three-year project is a collaborative effort among the Maine Mathematics and Science Alliance (MMSA), Axiom Education and Training Center and University of Maine Cooperative Extension 4-H. U.S. Sen. Angus King delivered remarks at the launch event held at the University of Maine at Machias, according to the article. "Science, technology, engineering and math are all driving our future. But far too often, students, especially those in rural areas, have limited opportunities to build on their interest in those fields and develop the knowledge they want and need to get ahead," King said. "That's why it is so critical for us to close the digital learning gap for our rural students by connecting them to the information and resources they need." A news release from Sen. King's office about the announcement of the initiative is [online](#).

Klein's community solar research cited in BDN article

04 Sep 2015

The [Bangor Daily News](#) cited research by Sharon Klein, an economics professor at the University of Maine, in an article on an Environment Maine Research and Policy Center news conference that was held on campus. The center recently released the report, "Lighting the way: The top states that helped drive America's solar energy boom in 2014." The research found that solar power capacity, per capita, rose 37 percent in Maine in 2014. That rate puts Maine 21st in the nation, well behind neighbors such as New Hampshire and Vermont, which finished third and fourth, respectively, in the country in terms of states that saw the most growth last year, according to the article. Klein studies the spread of community solar, which is built on multiple groups or individuals agreeing to invest, and then sharing energy produced by a solar array. Her research has found about 5,000 community solar arrangements across the nation, according to the article. WVII (Channel 7) also carried a report on the news conference.

UMaine Extension to host Pollinator Field Day Sept. 12

08 Sep 2015

The University of Maine Cooperative Extension will host a Pollinator Field Day to celebrate the often overlooked local heroes that make Maine's unique landscape grow, as well as the native plants they rely on. From 10 a.m. to 1 p.m. Saturday, Sept. 12, those interested in promoting bee-friendly gardens and learning more about how native pollinators affect Maine's ecology are encouraged to stop by the UMaine Extension Master Gardener Demonstration Garden at Rogers Farm, 914 Bennoch Road, Old Town. The event will include talks by Julie Beckford of Rebel Hill Farm and UMaine insect ecologist Frank Drummond. Other family-friendly activities include a demonstration hive from the Penobscot County Beekeepers Association, "insect yoga" with Holly Twining of Maine Yoga Adventures, native pollinator face painting, a garden scavenger hunt and insect parade, fairy house building, and floral arrangement and seed saving activities. The event is free and open to the public. It will be held rain or shine. For more information or to request a disability accommodation, contact Jonathan Foster at james.j.foster@maine.edu or Kate Garland at katherine.garland@maine.edu, 942.7396.

BDN publishes feature on football player who escaped poverty, violence

08 Sep 2015

The [Bangor Daily News](#) published a feature article on University of Maine football player Sherrod Baltimore titled, “Football player escapes poverty, violence of D.C. to shine at UMaine.” Baltimore’s journey was facilitated by key people who helped him, his positive outlook in the face of poverty, and using his athletic ability to escape the violent streets of Washington, D.C., according to the article. “I come from the struggle. I come from the streets. I come from dirt,” the senior cornerback said. “I’m just grateful for the opportunity [to attend UMaine].” “He’s got a childlike demeanor and joy of playing the game and appreciates and loves the game very much,” said Black Bears head coach Jack Cosgrove.

Scontras writes op-ed for Press Herald

08 Sep 2015

The [Portland Press Herald](#) published an opinion piece by Charles Scontras, historian and research associate at the University of Maine’s Bureau of Labor Education, titled “Early 20th-century Maine workers would have understood Bernie Sanders.”

WABI reports on tours of gardens installed by researchers at Hampden landfill

08 Sep 2015

WABI (Channel 5) reported a garden and wildflower plot installed at the Pine Tree Landfill in Hampden will be part of a public tour from 4:30 to 6:30 p.m. Tuesday, Sept. 8. University of Maine researchers created the gardens as a pollinator habitat project to support bees, according to the report. The researchers said the demonstration gardens are on a capped landfill and are a good way prevent erosion in addition to supporting the native bee population, the report states.

Centralmaine.com publishes op-ed by economics, political science student

08 Sep 2015

University of Maine student Adam Fortier-Brown wrote an opinion piece published by [Centralmaine.com](#) titled, “Boys State started teen on the road to an internship at the State House.” Fortier-Brown of Randolph is a first-year student at the University of Maine where he is studying economics and political science.

UMaine research cited in AP article on Canada lynx, snowshoe hare

08 Sep 2015

University of Maine research was cited in an Associated Press article about wildlife officials and private landowners working to save the Canada lynx by providing patches of spruce and fir forests to attract more snowshoe hares on which lynx feed. An outbreak of spruce budworm threatened large areas of forest and prompted massive clear cutting in the 1970s and ’80s, according to the article. Spruce and fir that emerged from the clearings provided an ideal habitat for snowshoe hares, but those forests are now maturing and clear cutting has fallen off, which means trouble for lynx and its primary prey, the article states. If nothing is done, the state could lose up to 60 percent of the snowshoe hare habitat — and 60 percent of its lynx — within 14 years, according to an estimate by the University of Maine. ABC News, Yahoo News and the [Portland Press Herald](#) carried the AP report.

Fraternity camps out to raise awareness of domestic violence, WABI reports

08 Sep 2015

WABI (Channel 5) reported members of the fraternity Sigma Phi Epsilon at the University of Maine camped out on campus for four days to benefit Spruce Run-Womancare Alliance, a nonprofit organization dedicated to serving people affected by domestic abuse. The students said they have been outside 24 hours a day to symbolize that domestic abuse and sexual assault can happen at any time, according to the report. They said they hope the event leads to more discussion about sexual assault on campus. “I think that it’s very important for our fraternity and sorority women and our community here at the University of Maine to know about domestic violence and awareness. Sigma Phi Epsilon has done a fantastic job about actually raising awareness and actually raising money for those services,” said Joshua Stanhope, an assistant director for campus activities and student engagement at UMaine.

Political science major writes op-ed for BDN

08 Sep 2015

University of Maine student Samantha Morse wrote an opinion piece for the [Bangor Daily News](#) titled “Poliquin’s vote may make it harder for Mainers to afford college.” Morse grew up in Peru, Maine, and is a graduate of Dirigo High School. She is a third-year political science major at the University of Maine and communications director for the UMaine College Democrats.

AP reports on researchers’ efforts to increase plum production in Maine

08 Sep 2015

The Associated Press reported University of Maine researchers are working on a two-year project to increase the state’s crop of locally grown plums. The project — funded by the Maine Department of Agriculture, Conservation and Forestry — is identifying suitable plum varieties for Maine’s climate that would help diversify the state’s apple farms. The project is a joint collaboration between Angela Myracle, a phytochemist and nutritional biochemist at UMaine, and Renae Moran, a tree fruit specialist with University of Maine Cooperative Extension. The team is assessing locally grown plum varieties by evaluating crop yields, fruit quality, consumer acceptance and production costs. Moran said Maine farmers are showing interest in growing another fruit crop in addition to apples, and Myracle said plums could potentially be sold during the peak tourist season in Maine. [Fosters.com](#) and [The Washington Times](#) carried the AP report.

WABI interviews Vice President Dana, students about transgender rights at school

08 Sep 2015

Several University of Maine students and Robert Dana, UMaine’s vice president for student life and dean of students, spoke with WABI (Channel 5) for the report, “Transgender rights at school sparking conversation.” According to the report, UMaine has taken measures on campus to make LGBT students feel comfortable. “The really cool thing that I like is just how happy everyone is and how they’re not afraid to go around and be themselves and do what makes them happy,” said Gill McGill, a UMaine student and president of Wilde Stein, a decades-old LGBT group on campus. “We’re here to make sure that everyone who identifies as LGBT or allied feels like they can be safe and they can express themselves without being harassed or feeling like they’re judged in any way,” McGill said. UMaine fraternity Sigma Phi Epsilon now allows anyone who identifies as a male to join, and the university has more than a dozen gender neutral restrooms, the report states. “On a campus like this, we want it to be a warm, welcoming place for everybody, and the notion of making gender neutral bathrooms available, it seems like not too much to do to make it a warm place,” Dana said.

Rubin quoted in Sun Journal articles on gas, oil prices

08 Sep 2015

The Sun Journal spoke with Jonathan Rubin, a professor of resource economics and policy at the University of Maine, for articles about gas and heating oil prices in Maine. In the [article](#), “All gassed up: Price outlook good, according to analysts,” Jeff Pelton, the East Coast senior petroleum analyst for GasBuddy.com, said for the first time in six years, the

diesel average fell below the regular average. Rubin said the drop in diesel prices relates to refinery outages in California. "There's just relatively more diesel than there used to be versus gasoline, so they've gotten back to price parity, and that's a historic change, the first time since 2009," he said. "It has to do with which specific refineries are out and which ones specialize in different cuts of gasoline and diesel. Low diesel prices are going to benefit anybody who's using shipping." In the [article](#), "Low-cost heating oil to fuel household spending," Rubin said the Energy Information Administration are forecasting oil prices to stay basically at their current prices through the upcoming heating season, which means fuel oil is "going to stay quite, quite inexpensive."

Porter talks to BDN about developing new potato varieties

08 Sep 2015

Greg Porter, a professor of agronomy at the University of Maine, spoke with the [Bangor Daily News](#) for an article about what it takes to develop new potato varieties. For the last eight years, Porter has led UMaine's potato breeding program, looking for the right combination of consumer marketability and disease and pest resistance, according to the article. Porter, who also has run the university's agronomic crop management program for 30 years, said it can take more than a decade to develop a new potato variety. Every spring, Porter's staff plants 50,000 tubers, or modified stems, in test plots in Aroostook County, each one representing a different genetic variation of a cross-pollination. Of the 50,000, he said, only 2 percent make it to the next round of planting based largely on visual characteristics. According to Porter, there is no end to the possibilities when it comes to combining different potato DNA. "The neat thing about potatoes is there are just so many different markets and ways to use new and improved potatoes," he said. "On the one side we try to provide solutions to pests and diseases like late blight, and on the other side we want a potato that farmers and consumers want."

AP interviews Yarborough for article on machines replacing migrant workers

08 Sep 2015

The Associated Press spoke with David Yarborough, a blueberry specialist with the University of Maine Cooperative Extension and professor in the School of Food and Agriculture, for an article about how machines are taking the place of migrant workers in Maine's blueberry industry. A push toward mechanization is reducing the number of migrant farmers who travel to the state to rake the crop, according to the article. Maine's blueberry harvest attracted more than 5,000 migrant farmers 10 years ago and it's down to about 1,500 today, Yarborough said, adding some blueberry operations have gone almost completely mechanized, and more are headed that way. "It's really gone down considerably," he said. "It's subject to drop as we produce more and better machines." Yahoo News, [Portland Press Herald](#), [Miami Herald](#), Star Tribune, Sun Herald and [The Columbus Dispatch](#) carried the AP report.

UMaine alum co-founder of software company CourseStorm

08 Sep 2015

<https://youtu.be/Xk73BtO4fNo> [Transcript](#) Registering online for classes in the community has never been easier thanks to the Orono-based company [CourseStorm](#). UMaine alum and programmer Matt James co-founded the software company whose technology makes registering for courses online "impossibly simple." Clients include various adult education programs around the country, including the Maine Adult Education system. CourseStorm is a spin-off of the web-and-application development firm RainStorm, also located in Orono. In this video, James talks about how UMaine's Top Gun Entrepreneurial Accelerator program has helped him and his company. The Top Gun entrepreneurship accelerator is a five-month program that engages entrepreneurs in growing their businesses. Top Gun combines education, mentoring, pitch-coaching and networking opportunities. The program is a partnership of the Maine Center for Entrepreneurial Development, Maine Technology Institute, Blackstone Accelerates Growth and the University of Maine. UMaine organizes and hosts a Bangor region class and has also developed curriculum to support the statewide program. More information about Top Gun is online. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** My name is Matt. I'm from CourseStorm. We make it impossibly simple to register online for local classes. We're located right here in Orono, Maine. I graduated from the University of Maine's New Media program in '05. Since then, I've been working

right down the road at RainStorm. We spun off this CourseStorm product and company. I'm a co-founder of that company. I love working with Top Gun. We had fantastic speakers come in for our biweekly classes that are right here at the university. They're very knowledgeable. They're very helpful. Having quick access to them has been phenomenal. They have us do a lot of pitching on a weekly class basis. Whenever we go into class, we'll do pitching. That really hones in on your message. It forces you to do it. If we had started yesterday and you said, "You should go do a pitch," I'd be like, "Oh, I'm fine. I can do the pitch." Then, as you do it, it's like, "Oh, man, I totally butchered that." They force you through this design process of figuring out what the pitch is. That really distills down the message and helps you to simplify. We're all about simplification. That really gelled with us. More information about CourseStorm is online: www.coursestorm.com. [Back to article](#)

Hike, ceremony to honor fallen service members Sept. 26

09 Sep 2015

University of Maine community members are welcome to observe and participate in a hike and memorial ceremony to honor fallen service members on Saturday, Sept. 26. The Summit Project (TSP) event will remember service members from UMaine and surrounding communities with a walk from the Maine Veterans' Home in Bangor to Alford Stadium on the UMaine campus for the military appreciation football game against Rhode Island. Members of the public are welcome to observe the event along the route, on campus or at the football game. The 8-mile walk begins at 9 a.m. and is expected to take about three hours. Spectators who wish to walk with the hikers may join the group starting in downtown Orono along Route 2 around 11:30 a.m. A memorial ceremony will take place at 1 p.m. on the steps of Fogler Library. TSP is a nationally recognized, Maine-based service organization, that provides a living memorial to pay tribute to the fallen service members from Maine who have died in the line of duty since Sept. 11, 2001. TSP's mission is to spread the memories of Maine's fallen service members and elevate awareness of the project to communities throughout the state. As part of the event, hikers will carry engraved TSP memorial stones that have been donated by family members to represent their fallen loved ones. Volunteers will learn about the service members whose stone they will carry, write a letter for the service member's family, and will honor the fallen during the memorial service on campus following the trek. Among the service members to be honored are four fallen UMaine Black Bears: Staff Sgt. David Veverka, Sgt. Nicholas Robertson, 1st Lt. James Zimmerman and Capt. Jay Brainard. Starting at 2:30 p.m. the stones will be on display at the stadium prior to and during the game before becoming part of a temporary TSP display in the Memorial Room of the Memorial Union. Stones within the display will help share the memories of the fallen, along with the mission of TSP, with members of the community. The majority of TSP stones will remain available at the Military Entrance Processing Station in Portland for customary tribute treks. More about The Summit Project is [online](#). Contact: Elyse Kahl, 207.581.3747

Aquaculture facilities now included in USDA loan program

09 Sep 2015

The U.S. Department of Agriculture Farm Storage Facilities Loan program has been extended to include aquaculture, thanks to efforts by the Maine Farm Service Agency, the Maine Aquaculture Association and the Maine Sea Grant Program at the University of Maine. "This program can provide financing on favorable terms for things such as construction costs and equipment used in a storage facility for aquacultured products: coolers, graders and food safety equipment, bagging and boxing equipment, and even upwellers," says Dana Morse, Extension associate at Maine Sea Grant and University of Maine Cooperative Extension. "There's a lot of applicability here for aquaculture producers here in Maine and nationwide." Val Dolcini, USDA Farm Service Agency administrator, recently announced the extension of the program, which provides low-interest financing to producers to build or upgrade storage facilities. "For 15 years, this program has provided affordable financing, allowing American farmers and ranchers to construct or expand storage on the farm," says Dolcini. "By adding eligible commodities, these low-interest loans will help even more family farmers and ranchers to expand on-site storage." On average, about 1,600 new loans are made each year, according to the USDA. The loans are designed to assist a diverse range of farming operations, including small and mid-sized businesses, new farmers, operations supplying local food and farmers' markets, nontraditional farm products and underserved producers. To learn more, visit fsa.usda.gov/pricesupport, or contact a local FSA county office. To locate local FSA county offices, visit offices.usda.gov. Contact: Beth Staples, 207.581.3777

Orono listed among 50 safest college towns in America

09 Sep 2015

[SafeWise](#) named Orono one of the “50 Safest College Towns in America.” Coming in at 30 on the list, Orono was mentioned as working closely with the University of Maine on a variety of community projects. “Collaborative service arrangements include fire safety, wastewater collection and treatment, and recreational trail management,” the report states. “Not only that, but departments at the university are encouraged to collaborate on town-related research projects. The Department of Civil and Environmental Engineering, for instance, recently teamed up with the city in order to evaluate town infrastructure.” The rankings also were the focus of an article on [Fosters.com](#).

History Department announces fall 2015 Symposium Series

09 Sep 2015

The University of Maine’s History Department will host several public lectures as part of its fall 2015 Symposium Series. The series kicks off at 3:15 p.m. Monday, Sept. 21 when UMaine history professor Anne Kelly Knowles delivers the talk, “Telling the Spatial Story of the Holocaust: Finding Humanity in Social Science,” in the Fernald APPE Space, 104 Stewart Commons, IMRC. The lecture also opens the Digital Humanities Week programming organized by the UMaine Humanities Center. On Friday, Oct. 16, Edward Baptist, a professor of history at Cornell University, will speak as part of the series, as well as UMaine’s 150th celebration at Homecoming. Baptist will deliver the talk, “How to Save American Higher Education from its Savors: The Morrill Act and What It Can Teach Us Today,” at 3:15 p.m. in Minsky Recital Hall. The lecture is co-hosted by the Office of the President and the 150th Fund. UMaine history professor Nathan Godfried will close the series with “William S. Gailmor: Rabbi, Thief, Propagandist, Fellow Traveler, Social Justice Activist? The Popular Front, Journalism, and the Red Scare, 1941–1952” at 3:15 p.m. Monday, Dec. 7 in the Bangor Room of the Memorial Union. All lectures are free and open to the public. For more information, or to request a visitor parking permit or disability accommodation, contact the History Department office at UMhist@maine.edu or 581.1918. More information about the UMaine Humanities Center’s Digital Humanities Week is online.

Black Bear Triathlon Sept. 27

09 Sep 2015

The University of Maine will host the Black Bear Triathlon on Sept. 27. The race, sponsored by UMaine Campus Recreation and sanctioned by USA Triathlon, will be held on campus beginning at 8:30 a.m. The event begins with a 525-yard swim in UMaine’s Wallace Pool, followed by a 12.5-mile bike race into Old Town, and ends with a 3.1-mile run through UMaine fields and trails. The Black Bear Triathlon is open to athletes ages 16 and older. In addition to individual competition, the event features a relay component for teams of two or three athletes. Eighty people between the ages of 16 and 70 participated in the event last year. Athletes will self seed when registering based on their estimated time for a 525-yard swim. Registration fee is \$70; \$40 for UMaine students before Sept. 11; and \$95 for teams. Registration closes Sept. 23 and will be capped at 160 athletes. More registration and event information is [online](#).

Maine Edge previews Hispanic heritage lecture series

09 Sep 2015

[The Maine Edge](#) advanced the 2015 Hispanic Heritage Month Lecture Series to be hosted by the University of Maine and CHISPA Centro Hispano throughout September and October. All lectures will be held at 6:30 p.m. Thursdays starting Sept. 17 at UMaine’s Arthur St. John Hill Auditorium, 165 Barrows Hall. The events are free and open to the public and include a reception following each talk. The series kicks off Sept. 17, when UMaine alumnus John Burns, an associate professor of Spanish and chair of the Department of Modern and Classical Languages and Religion at Rockford University in Illinois, will deliver the talk, “Aesthetic of the Rain: Translating the work of contemporary Chilean poet Raúl Hernández.” Co-sponsors of the lecture series include UMaine’s Department of Modern Languages

and Classics, College of Education and Human Development and Department of English.

Kelley quoted in Press Herald article on proposed Searsport dredging project

09 Sep 2015

Joseph Kelley, a professor of marine geology in the University of Maine School of Earth and Climate Sciences and Climate Change Institute, was quoted in a [Portland Press Herald](#) article on a proposed U.S. Army Corps of Engineers dredging project in Searsport. Although the project aims to improve and upgrade Maine's second-busiest port, it has raised concern up and down Penobscot Bay, where fishermen, shellfish farmers, owners of tourism-dependent businesses, and environmentalists fear it will trigger an ecological and economic catastrophe, according to the article. At issue is the waste product: nearly a million cubic yards of material to be dredged from the port area, at least some of which is contaminated with mercury and other toxins released by polluters along the Penobscot River, the mouth of which is located adjacent to the port, the article states. According to project documents, the Corps wants to remove the most contaminated material and dump them into pockmarks in the bay's floor halfway between Islesboro and the Northport shore. Kelley, a former Maine State Geologist who has mapped the bay's bottom, said the pockmarks are geologically unstable and formed by the venting of methane gas. Scouring by ocean currents would likely resuspend any material stored in them, according to the article. At a June 9 hearing, he testified that the Corps knew this, and in the 1990s had rejected them as a suitable place to dump dredge spoils in the 1990s, the article states.

Maine Edge reports on Brady's computer modeling, climate change research

09 Sep 2015

[The Maine Edge](#) published a University of Maine release about research by Damian Brady, an assistant professor in the School of Marine Sciences at the Darling Marine Center. The National Science Foundation recently awarded Brady and colleagues a \$266,309 grant to advance UMaine high-performance computer modeling tools to aid timely forecasts of storms and effective management of commercial fishing in the wake of extreme weather events and unprecedented warming in the Gulf of Maine. The project — "Major Research Instrumentation Program Track 1: Acquisition of High Performance Computing to Model Coastal Responses to a Changing Environment" — includes buying a system that nearly triples computing power at the university and acquiring an off-site backup system for project data. "Computing and storage are the test tubes and microscopes of the 21st century. They support the creation of knowledge, collaboration, communication and economic growth," Brady said. [Boothbay Register](#) also carried the report.

BDN features UMaine Extension video on apple harvest, storage

09 Sep 2015

The [Bangor Daily News](#) featured a University of Maine Cooperative Extension video in the post, "Apple picking season is coming up. Here's an interactive map of Maine orchards." The video features Renae Moran, a tree fruit specialist with UMaine Cooperative Extension, who offers tips on apple harvest and storage. Moran suggests people refrigerate apples once they pick them. Apples can keep for months if they're kept close to 32 degrees, she said.

Press Herald reports on UMaine's U.S. News & World Report ranking

09 Sep 2015

The [Portland Press Herald](#) reported on the annual college rankings recently released by U.S. News & World Report. The news magazine releases several "best of" lists at once, according to the article. The University of Maine was ranked 168 on the "Best National Universities" list, moving up from 173 last year. The [Bangor Daily News](#) also reported on the rankings.

Dill speaks with Press Herald about fruit flies

09 Sep 2015

Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, spoke with the [Portland Press Herald](#) for an article about fruit flies in the home. “This is the time of the year,” Dill said of the insects invading your house. “The fruit flies are out and about. Everything is ripe. They come in from the outside. You can bring them in on anything. Tomatoes, bananas — they really love bananas. It’s very easy to do that.” Fruit flies don’t sting or itch, don’t ruin wool clothes, and they don’t carry disease, according to the article. “They are just a nuisance. And they can set up housekeeping and once they set up housekeeping, you’ll have them around,” Dill said. “But there is nothing really bad about them.”

WABI, WVII cover tour of gardens installed by researchers at landfill

09 Sep 2015

WABI (Channel 5) and WVII (Channel 7) reported on a public tour of a garden and wildflower plot installed at the Pine Tree Landfill in Hampden by University of Maine researchers in an effort to support the native bee population. “Maine is a very heavily forested state, and we don’t find many bees in the forest unless there is an opening in the canopy. They tend to be in open habitats such as fields, meadows, roadsides and so forth. And so to capitalize on this existing open habitat seems to make a lot of sense,” said Alison Dibble, a research professor of pollination ecology at UMaine. There are as many as 270 native bee species in the state which can benefit from an increased abundance of flowers, WABI reported. Dibble encourages people to plant their own gardens at home and try to avoid mowing the dandelions for as long as possible, according to WVII. She said even an extra week will make a difference.

Thousands of Maine children involved in farming, 4-H, Sun Journal reports

09 Sep 2015

The Sun Journal published an article about how thousands of Maine children are interested in farming and are involved with University of Maine Cooperative Extension 4-H. Last year, Maine had 19,230 4-H participants, with about one in three coming from Oxford County, according to the article. Although the statewide figure is slowly on the decline, the article states. “Our big area where there’s been a lot of growth in the [past] five to 10 years is in the STEM [science, technology engineering and mathematics] programs. Kids actively doing an animal component, that’s decreased,” said Jessica Brainerd, administrative assistant for the 4-H program at UMaine. “It makes sense. We’re moving toward a more urban society.”

Miller speaks with BDN about content advisories in education

09 Sep 2015

The [Bangor Daily News](#) interviewed Jessica Miller, a philosophy professor at the University of Maine, for the article, “Warning: This education might trigger trauma. Are we coddling college students?” A trigger warning or content advisory informs readers who have experienced trauma that content in an article or book may cause them to re-experience that trauma, according to the article. A recent article in The Atlantic magazine argues the use of content advisories “coddles” students by shielding them from ideas and words they may find unpleasant, the article states. Miller said she doesn’t include trigger warnings on her syllabi but does see value in informing students before assigning material they may find difficult. “I teach contemporary moral problems, and in that class we read first-person accounts of abortion, lethal injections, physician-assisted suicide. So I definitely know the class can be challenging for many students, however, I do not use trigger warnings on my syllabi. Informally, I do like to give students a heads-up about what we’re going to be doing, and if that includes really emotionally challenging material, I’ll mention that usually,” she said. Miller said that as a philosopher, she thinks it’s important to engage with material that you might consider challenging or objectionable. “It helps us to understand the perspectives of other people,” she said.

U.S. News again ranks UMaine among top national universities

09 Sep 2015

The 2016 U.S. News & World Report Best College rankings again lists the University of Maine among the top national universities for their academic quality. UMaine's ranking of 168 out of 199 in the national university category is up five points from last year. Also cited in the 2016 U.S. News rankings is the Maine Business School, on the list of the 156 best undergraduate business programs among those accredited by the Association to Advance Collegiate Schools of Business. The U.S. News rankings follow last month's announcement that UMaine is again listed in Princeton Review's The Best 380 Colleges: 2016 Edition. Contact: Margaret Nagle, 207.581.3745

UMaine hosting two Foreign Language Teaching Assistants

10 Sep 2015

For the fourth consecutive year, the University of Maine is hosting two Fulbright Foreign Language Teaching Assistants, one in Mandarin Chinese and the other in Arabic. Ming-Tso Chien of Taiwan and Yahya Mahmoud Elsayed of Egypt have been awarded Fulbright Foreign Language Teaching Assistant (FLTA) Program grants to serve as teaching assistants in Mandarin and Arabic, respectively, and take courses at UMaine for the 2015–16 academic year. While in the United States, Chien and Elsayed will share their language and culture with communities to inspire Americans to travel and study overseas, and make U.S. citizens better prepared to engage with businesses, governments and organizations abroad. Chien and Elsayed are two of more than 400 educators from 50 countries who will travel to the United States in the 2015–16 academic year through the Fulbright FLTA Program to help internationalize U.S. colleges and universities. Recipients of Fulbright FLTA grants are selected on the basis of academic and professional achievement, as well as demonstrated leadership potential. Fulbright FLTA scholarships are awarded by the J. William Fulbright Foreign Scholarship Board. In the coming year, grant recipients from around the world will contribute to U.S. students' foreign language acquisition in more than 30 languages at over 200 U.S. institutions. The primary source of funding for the Fulbright Program is an annual appropriation made by the U.S. Congress to the U.S. State Department. Participating governments, universities, corporations and foundations in foreign countries and in the United States also provide direct and indirect support. For more information about the Fulbright FLTA Program, visit the [website](#).

Hudson Museum exhibits to mark CCA 30th anniversary season

10 Sep 2015

In celebration of the Collins Center for the Arts' 30th anniversary season, the Hudson Museum at the University of Maine will open two exhibitions Sept. 12. That evening, the CCA gala will kick off the season with a concert tribute to the music of Billy Joel and Elton John, a dinner and an awards reception. The museum exhibit, "A Dream Come True: Building the Maine Center for the Arts," will feature photographs showcasing the construction and opening of the CCA, formerly named the Maine Center for the Arts, and Hudson Museum in 1985. Images in the exhibit were reproduced from the archives of Special Collections at Fogler Library. Visitors will be invited to write their own memories of the building in the museum's Minsky Culture Lab. In the exhibit "Thirty for our 30th," 30 objects that represent the range of the Hudson Museum's collections will be on display in the Merritt Gallery. Some of the pieces will be on display for the first time. The exhibits will run until spring 2016. The Hudson Museum is free and open to the public from 9 a.m. to 4 p.m. Monday–Friday and 11 a.m. to 4 p.m. Saturday. It is open during select CCA and Bangor Symphony Orchestra events, including the Sept. 12 gala. For more information or to request a disability accommodation, call 581.1904, email HUDSONMUSEUM@UMIT.MAINE.EDU or visit the Hudson Museum [website](#).

Brawley's periwinkle research cited in Kennebec Journal column

10 Sep 2015

Research by Susan Brawley, a professor of plant biology at the University of Maine, was cited in the [Kennebec Journal](#)'s latest Backyard Naturalist column, "Remembering the invasive periwinkles." Periwinkles belong to a class of mollusks with spiral shells. They have soft bodies and a head inside the permanent univalve shell, as opposed to bivalves such as clams, scallops and mussels, according to the article. The first report of their presence in North America was near Pictou, Nova Scotia, in the 1840s, the article states. According to a study led by Brawley, they appear to have come from Ireland and Scotland, probably on ballast rock picked up in Britain and discharged in the Maritimes,

or they could have been deliberately transplanted for food. They expanded their new range rapidly, and are now found from Labrador to Delaware, the article states.

Migrating bird research reported by Central Ornithology Publication Office

10 Sep 2015

The central ornithology publication office reported on University of Maine researchers studying bird trade-offs during migratory flights. They need to fuel up with food as efficiently as possible, but they need to avoid predators while they do it, says the release. Graduate student Jennifer McCabe and Professor Brian Olsen spent two years capturing birds during their fall migration along the coast of Maine. Their results showed that overall, birds prefer to stop in habitats with plenty of dense vegetation to avoid predation, but the longer the migration, the more likely the bird is to take risks in order to re-fuel. The researchers published their results in the journal *The Auk: Ornithological Advances*. [Nature World News](#), [Phys.org](#) and [EurekaAlert](#) carried the report.

Cooperative Extension to offer food safety training

11 Sep 2015

University of Maine Cooperative Extension in Cumberland County will offer a three-hour workshop on safe food handling on three different dates at the UMaine Regional Learning Center, 75 Clearwater Drive, Suite 104, Falmouth. Cooking for Crowds — Food Safety Training for Volunteer Cooks will be offered from 9 a.m. to noon Sept. 29, Oct. 14 and Nov. 5. The workshop offers up-to-date information on safely preparing, handling, transporting, serving and storing food for large groups. It's designed for people who volunteer at soup kitchens, church suppers, food pantries and community fundraisers. Participants receive the manual *Cooking for Crowds*, a certificate of attendance, posters and an instant-read thermometer. The class meets the Good Shepherd Food Bank food safety training requirements. The \$15 fee includes materials; scholarships are available. Register online at umaine.edu/food-health/food-safety/cooking-for-crowds. For more information, or to request a disability accommodation, contact 207.781.6099 (800.287.1471 in Maine) or extension.rlreception@maine.edu.

Mayewski celebrated as Ocean Exemplar

11 Sep 2015

The [World Ocean Observatory](#) has recognized Paul Mayewski for his inspiring contributions to ocean knowledge and advocacy. W2O, which advocates for the health and sustainability of the ocean through an accessible worldwide network of communication, hails the director of the University of Maine Climate Change Institute as an Ocean Exemplar or special [Citizen of the Ocean](#). W2O selected Mayewski for the designation for his best practices in ocean education, from the classroom to the reef. The intrepid explorer and author has scientific achievements too numerous to mention, says W2O, "and his passion for developing understanding of the multiple controls placed on climate is both infectious and inspiring." To learn more about W2O, visit the [website](#) or follow it on [Facebook](#) or [Twitter](#).

Penobscot Times runs notice of emergency alert test

11 Sep 2015

The [Penobscot Times](#) ran a University of Maine advisory notifying area media and emergency responders that UMaine will conduct a full-scale test of its emergency alert and notification systems 9:30–10:30 a.m. Wednesday, Sept. 16.

Student-athlete Samuels featured in BDN

11 Sep 2015

The [Bangor Daily News](#) carried a feature on student-athlete Randy Samuels, who was born in Jamaica and moved to New York when he was 10. Samuels led the UMaine football team in tackles in its season-opener Saturday at Boston

College.

Media tackle Football 101 workshop

11 Sep 2015

WLBZ (Channel 2), WVII (Channel 7) and WABI (Channel 5) aired segments on a free Football 101 for Women workshop offered by University of Maine football coach Jack Cosgrove.

CCA director talks about 30th anniversary season on WABI

11 Sep 2015

Danny Williams, executive director of the Collins Center for the Arts at the University of Maine, talked with WABI (Channel 5) about the center's 30th anniversary season and its gala presentation Sept. 12. "For 30 years the Collins Center for the Arts, Maine Center for the Arts, has been a cultural beacon for the area," said Williams. The gala is titled Piano Men: the music of Elton and Billy.

President awards Stephen King the National Medal of Arts

11 Sep 2015

A number of media outlets covered President Barack Obama awarding author Stephen King and 17 others the National Medal of Arts at the White House on Thursday. The award is considered the government's highest award given to artists and arts patrons. King is a native of Maine and a University of Maine graduate. MPBN covered the ceremony. "Without them there would be no edible schoolyard, no ... really scary things like 'Carrie' and 'Misery,'" Obama was quoted as saying. The [Portland Press Herald](#) and [Bangor Daily News](#) carried the Tribune News Service report. WLBZ2 (Channel 2) carried an AP report.

British Society for Eighteenth-Century Studies publishes review by Rogers

14 Sep 2015

[British Society for Eighteenth-Century Studies](#) (BSECS) recently published a review by Deborah Rogers, an English professor at the University of Maine. Rogers wrote about "Warriors and Mothers: Epic Mbembe Art," an exhibit currently on display at the Metropolitan Museum of Art in New York City.

BDN features UMaine Extension video on growing garlic in Maine

14 Sep 2015

The [Bangor Daily News](#) featured a University of Maine Cooperative Extension video in the post, "Fall is the best time to plant garlic. This video shows how to do it." The video features Dave Fuller, an agriculture and non-timber forest professional at the UMaine Cooperative Extension, who offers tips on planting and growing garlic. Fuller recommends using hardneck garlic, which grows better in colder climates. He suggests planting cloves around six inches apart, under two inches of soil topped with two inches of straw mulch, according to the article. The garlic should be ready to harvest by spring, the article states.

Press Herald reports on increase in out-of-state enrollment

14 Sep 2015

The [Portland Press Herald](#) reported the latest enrollment figures show the University of Maine has seen a 7 percent increase in out-of-state students, who pay higher tuition than Maine residents, according to the article. The vast majority of out-of-state students in the University of Maine System are at Orono, where they now make up 30 percent of the

student body, or 3,157 of 10,906 students, the article states. [WLBZ](#) (Channel 2) also reported on the latest enrollment numbers.

Steneck quoted in BDN editorial on proposed national monument in Gulf of Maine

14 Sep 2015

Robert Steneck, a marine scientist at the University of Maine, was quoted in the [Bangor Daily News](#) editorial, “The case for a marine national monument in the Gulf of Maine.” A coalition of conservation groups, supported by more than 200 marine scientists from around the country, are pushing for President Barack Obama to designate Cashes Ledge a marine national monument. The 530-square-mile area of ocean is located 100 miles southeast of Portland and is essentially a submerged mountain range, according to the article. The designation would protect Cashes Ledge from commercial fishing and other activity that could disturb the area’s ecosystem, the article states. Scientists have found the Cashes Ledge ecosystem is particularly vulnerable to groundfishing — especially the type that relies on towing a net along the ocean floor, the article states. Atlantic cod depend on that ecosystem, and if they stand a chance of recovering from their current state of near depletion, there’s a good chance Cashes Ledge will play an important part in the recovery, Steneck said.

McCarty offers tips on freezer organization in Press Herald article

14 Sep 2015

A [Portland Press Herald](#) article on organizing your freezer to reduce waste includes advice from Kate McCarty, a food preservationist at the University of Maine Cooperative Extension. In a freezer, you can safely store food over long periods of time, cutting back on waste, according to the article. McCarty recommends storing food in glass canning jars, as opposed to plastic, which is harmful to the environment. Since foods expand in the freezer, she says, each glass jar should have about half an inch of leftover space, the article states. To cut down on labeling, McCarty suggests using specific containers for certain items, or packing smaller portions of unlabeled items in one larger, labeled bag.

New Yorker interviews Steneck for article on McDonald’s Lobster Roll

14 Sep 2015

[The New Yorker](#) spoke with Robert Steneck, a marine scientist at the University of Maine, for the article, “An unnatural history of the McLobster.” Consumers seem to be getting used to lobster’s presence in fast food, as this is the first time in a decade that McDonald’s has sold lobster in the U.S., according to the article. “The Gulf of Maine is a highly simplified and arguably domesticated ecosystem,” Steneck said. “If you put it that way, are you surprised that we have McLobsters?” Steneck said of the McDonald’s Lobster Roll, a limited-time offer that was served across New England this summer. Today’s lobster, Steneck said, is the product of a “brave new ocean,” in which wild-caught-lobster fisheries increasingly resemble farming, the article states. The wider embrace of lower-cost lobster does serve to diversify the lobster industry, making it more resilient to price shifts, Steneck said. When asked if he had eaten a lobster roll from McDonald’s, Steneck replied, “If I want a lobster roll, I could think of a dozen places between here and the nearest McDonald’s where I’d get it.”

Kinghorn speaks with Press Herald about UMaine Museum of Art attendance

14 Sep 2015

George Kinghorn, director and curator of the University of Maine Museum of Art in downtown Bangor, was quoted in a [Portland Press Herald](#) article about arts-related tourism growing in Maine. The article mentioned a Portland Museum of Art exhibition that runs through Sept. 20 and features pieces from UMMA’s permanent collection. “Directors’ Cut: Selections from the Maine Art Museum Trail,” presents highlights of Maine’s art history from the state’s most-renowned museums, including UMMA, Bates College, Bowdoin College, Colby College, the Farnsworth Art Museum, the Monhegan Museum of Art and History, the Ogunquit Museum of American Art and the Portland Museum of Art. The state’s Office of Tourism has promoted the exhibit to out-of-state visitors, or people who are less familiar with the

Maine art story, according to the article. Kinghorn said he thinks the promotional effort worked, and his staff tracked visitors from 24 U.S. states and 11 other countries, the article states. Both numbers are larger than expected, and many visitors said they had never been to the Bangor museum, Kinghorn said. “We’re telling people, ‘Go to the Portland museum and see the wonderful Alex Katz’ (paintings) and the Marins and Winslow Homers, and then come see us where we have works in our collection by a lot of those same artists with major ties to Maine,” he said. “We’ve definitely seen people come in with the museum trail map in their hand. They’ve made the route.”

AP quotes Kersbergen in report on robot use on small dairy farms

14 Sep 2015

The Associated Press spoke with Richard Kersbergen, a University of Maine Cooperative Extension educator on sustainable dairy and forage systems, for an article about how robots are being used at some small- and medium-sized dairy farms across the country. The machines provide reliable and more efficient labor and help the businesses remain viable, according to the article. Farmers also say the robotic milkers that have been used for more than a decade make for happier, more productive cows, the article states. Robots might make sense for many small- and medium-sized farms in the Northeast because of the challenge of finding reliable workers and outdated infrastructure that makes the operations inefficient, Kersbergen said. “There’s a lot of farmers that are interested but are concerned about the financial costs with it,” said Kersbergen, who recently returned from studying farms in the Netherlands, where he said more than half used robotic milkers because of high labor costs. ABC News and [Poughkeepsie Journal](#) carried the AP report.

Brzowski named leader of UMaine Extension’s Maine Food System effort

15 Sep 2015

University of Maine’s Executive Vice President for Academic Affairs and Provost Jeff Hecker has appointed Richard Brzowski the program administrator for University of Maine Cooperative Extension. Brzowski, who began his duties Sept. 1, will provide support for the UMaine Extension Maine Food System effort. Brzowski has been with UMaine Extension for more than 28 years. While based in Cumberland County he was a UMaine Extension agent, educator, and poultry and small ruminant specialist. Brzowski’s professional accomplishments include being awarded more than \$1 million in external grants in the past four years. He has conducted applied research in sheep diseases, led professional development projects in poultry science, and has held leadership roles with the National Association of County Agricultural Agents. He is known for the diversity of his educational programming and his commitment to Maine agriculture and family farms. Brzowski will serve as UMaine Extension staff to the UMaine Board of Agriculture, serve as associate director of the Maine Agricultural Center, and represent UMaine Extension on the Agricultural Council of Maine. He will supervise UMaine Extension faculty and professionals working in the Maine Food System along with faculty and professionals in the UMaine Extension offices of Aroostook and Waldo counties. More information about UMaine Extension’s efforts to support and grow the Maine Food System is available [online](#) or by calling Brzowski at 951.7155.

Sept. 16 test of UMaine’s emergency communications system

15 Sep 2015

The University of Maine will conduct its annual emergency communications system test 9:30–10:30 a.m. Wednesday, Sept. 16. Three outdoor sirens will sound for several minutes. They are audible throughout campus and, under certain conditions, in surrounding communities. The sirens are part of UMaine’s multifaceted emergency communications system established in 2007 that allows university safety and communications professionals to use several mechanisms to quickly communicate vital information to the community during emergency situations. When UMaine’s emergency communication system is activated, several notifications occur: A text message is sent to subscribers of UMaine’s umaine.txt system; UMaine PD sounds the sirens; information is posted on the university’s homepage (umaine.edu), the UMaine portal and the university’s intranet, FirstClass; and a recorded telephone message may be heard by dialing 581.INFO. With the start of the academic year, members of the University of Maine community are reminded to register to receive UMaine’s emergency notifications. The emergency notification service alerts the UMaine community to

public safety issues, including inclement weather conditions causing class cancellations. Registration for texts and/or email alerts may be done [online](#). If you have already registered, watch for the test message of the emergency notification system on Wednesday, and then on the 15th of every month. If you do not receive a text or email test alert, reregister the email address or cell phone number you're using.

Applications being accepted for after-school arts program, Maine Edge reports

15 Sep 2015

[The Maine Edge](#) published a University of Maine news release announcing UMaine's Department of Art is accepting applications for the fall 2015 session of after-school art classes for area children in grades K–8. The ArtWorks! program provides children an opportunity to explore the world of art through hands-on experiences with a variety of visual media, as well as the history and viewing of art. Classes will be held in Lord Hall on the UMaine campus from 3:30–5 p.m. Fridays, Oct. 16 through Nov. 13. A \$25 fee covers the cost of materials, and a limited number of scholarships are available. For more information or to request an application, call Constant Albertson at 581.3251 or email constant.albertson@umit.maine.edu. The deadline to register is Oct. 2.

Daily Bulldog previews on-farm composting workshop in Monmouth

15 Sep 2015

The [Daily Bulldog](#) reported the University of Maine Cooperative Extension and UMaine Animal and Veterinary Sciences program will offer a free workshop about on-farm composting to manage animal disease and mortality from 3:45–7 p.m. Oct. 7, at Highmoor Farm in Monmouth. UMaine Extension professor Mark Hutchinson, associate professor Robert Causey and graduate student Alexandria Poulin will discuss the effects of composting on equine pathogens and antibodies, according to the article. A mortality composting demonstration will be included and there will be student poster presentations about animal disease and parasite control, the article states.

Maine Edge advances leadership training workshop for women

15 Sep 2015

[The Maine Edge](#) reported a free training workshop for college women who are interested in sharpening their leadership skills and learning more about political campaigns will be held Saturday, Sept. 26 at Wells Conference Center on the University of Maine campus. Elect Her — Campus Women Win participants will learn the basics of running a successful student government campaign, as well as meet local campaign winners. The all-day program will include presentations by state representatives Ellie Espling and Sara Gideon, as well as information and activities focused on running for office such as message design and campaign strategy.

International Business Times cites UMaine blueberry research

15 Sep 2015

Research conducted at the University of Maine was mentioned in the [International Business Times](#) article, “Blueberries show strong influence on wide range of human biomarkers linked to chronic ailments.” Several studies have shown that the different health benefits of blueberries — from getting rid of dental plaque to creating glowing skin — come from its influence on a range of human biomarkers linked to chronic ailments, according to the article. The health blog Fix.com reported that the positive effect of blueberries includes the brain, the gut and heart, and even prevention of cancer and diabetes, citing a UMaine study. That's because of the blueberries' anti-carcinogenic properties and ability to lower blood glucose levels, the article states.

Redmond quoted in Press Herald report on Maine Seaweed Festival dinner

15 Sep 2015

Sarah Redmond, a marine extension associate with the Maine Sea Grant College Program at the University of Maine, was quoted in a [Portland Press Herald](#) article about the dinner that concluded the second annual Maine Seaweed Festival in South Portland. People including researchers, food producers, foodies and entrepreneurs, attended the festival and feast to learn more about seaweed as a food source and industry. “This dinner celebrates our traditional marine heritage as well as the developing seaweed and aquaculture industries,” said Redmond, a festival co-founder.

Moran quoted in Ellsworth American article on dry weather’s effects on apple crop

15 Sep 2015

Renae Moran, a tree fruit specialist with the University of Maine Cooperative Extension, was quoted in an [Ellsworth American](#) article about how the recent dry weather is affecting the state’s apple crop. The past several weeks of hot, dry weather has had some orchard owners a little anxious, according to the article. But experts, including Moran, say the dry weather won’t be too detrimental. “This year’s apple crop will be a big one. The drought will have a minor effect on harvest since apple trees can tolerate dry weather,” she said. “However, the hot temperatures will delay red coloration, but not ripening. Varieties are ripening on schedule.”

BDN reviews Collins Center’s 30th anniversary gala

15 Sep 2015

The [Bangor Daily News](#) published a review of the Collins Center for the Arts’ 30th anniversary gala. The event kicked off the season with a Bangor Symphony Orchestra concert tribute to the music of Billy Joel and Elton John, a dinner and an awards reception. The BSO also performed at the center’s grand opening in 1985 with renowned violinist Isaac Stern and world class cellist Yo-Yo Ma, according to the article. “The orchestra gave a breadth and depth to some of rock ‘n’ roll’s classic songs,” the review stated. [The Maine Edge](#) also reviewed the show.

‘What happens in Antarctica does not stay in Antarctica’

15 Sep 2015

University of Maine geologist Gordon Bromley will study how Earth’s largest ice sheet has responded during past times of global warming to learn about how it may respond in the future to human-caused climate change. The answers have implications: If the East Antarctic Ice Sheet melts, sea level around the planet could rise about 180 feet (55 meters), displacing millions of people and dramatically changing coastlines. The National Science Foundation has awarded the Climate Change Institute research assistant professor \$291,563 to examine the situation. “When it comes to sea level, what happens in Antarctica does not stay in Antarctica, and that gives this study a real sense of urgency,” says Bromley. “Much of the groundwork for our investigation was laid decades ago, by researchers at this university, but what we have now is a new geochronology tool called cosmogenic surface-exposure dating that enables us to scrutinize the long-term behavior of this ice sheet with unprecedented detail. It is very exciting for me, therefore, to be using this geologic approach to tackle one of the key questions in climate science today.” The future of the East Antarctic Ice Sheet is uncertain and disputed, he says. Some scientists state it’s inherently unstable, says Bromley, and others suggest it has persisted through previous warm periods, including the Pliocene from about 5 to 2.5 million years ago. Some evidence even suggests the ice sheet has grown due to enhanced snowfall when the climate has warmed, he says. This winter, Bromley will lead a team in the central Transantarctic Mountains — part of a range that extends the entire length of Antarctica — to explore the ice sheet’s past behavior. The team will search for relict glacial deposits, including boulders and moraine ridges, to determine the presence or absence of the East Antarctic Ice Sheet during the Pliocene as an analogue for the planet’s greenhouse future. “Collaborative Research: Potential Direct Geologic Constraint of Ice Sheet Thickness in the Central Transantarctic Mountains during the Pliocene Warm Period” is the title of project being conducted in collaboration with Gregory A. Balco at the Berkeley Geochronology Center in California. Contact: Beth Staples, 207.581.3777

Orono startup company provides free ride-sharing service

15 Sep 2015

<https://youtu.be/AH-nJiH53jk> [Transcript](#) Former UMaine football player Spencer Wood wants to save lives by reducing drinking and driving, and he's doing just that with his startup company Tip Whip LLC. Located in Orono Maine, Tip Whip is a free ride-sharing service that has provided more than 18,000 rides to members of the Orono and Old Town communities, including UMaine students, since its inception. Wood, a New Hampshire native and UMaine graduate with a master's degree in human development, doesn't put a price tag on a safe ride home. Tip Whip drivers don't charge fees, but tips are welcome. With the development of a Tip Whip mobile app, customers access a free and safe ride within a specific distance around campus. They can even tip through the app. In this video, Wood talks about his new company and the advantages of being a young entrepreneur in the UMaine Top Gun Entrepreneurial Accelerator Program. The Top Gun entrepreneurship accelerator is a five-month program that engages entrepreneurs in growing their businesses. Top Gun combines education, mentoring, pitch-coaching and networking opportunities. The program is a partnership of the Maine Center for Entrepreneurial Development, Maine Technology Institute, Blackstone Accelerates Growth and the University of Maine. UMaine organizes and hosts a Bangor region class and has also developed curriculum to support the statewide program. More information about Top Gun is online. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. [Transcript](#) My name is Spencer Wood. My company is Tip Whip LLC, and I am from Salisbury, New Hampshire. Tip Whip LLC is a free ride-sharing service for college students that operates Thursday through Saturday 9 PM 'til 2 AM. No fees are assigned for rides, but tips are welcome. That way we ensure everybody gets home safe and sound. We've moved over 18,000 kids in three semesters. With an app we should be able to expand across the US and hopefully help students no matter where they are. I decided to do the Top Gun Program because I was a member of the Innovation Center during my undergraduate and my graduate days here and was pretty much living in here when I wasn't in the classroom and in the library. I heard it through the grapevine that it was something that would benefit me. At that stage I was looking for anything that could benefit me and get me forward. I can't really explain how much it means to have advisers and mentors that are experts in various fields that I have no idea about. One of the biggest questions for young kids and especially startups in general is "Where do I start? Where do I go?" Having the ability to have answers and people that can help you, guide you to the next step is really big. I would definitely recommend it to anybody that thinks they have a valuable business that they want to try to explore. [Back to article](#)

Crop insurance webinar for veterans taking up farming

16 Sep 2015

The University of Maine Cooperative Extension Crop Insurance and Risk Management program announces a new webinar, "Crop Insurance 101 for Beginning Farmers who are Military Veterans." The webinar introduces crop insurance as a risk management tool, how to navigate options, and new incentives for beginning farmers. The program aims to educate farmers about crop protection options and provide risk assessment and business management skills to help improve farm profitability and reduce risk. The webinar is available [online](#). For more information, call Erin Roche, UMaine Extension program manager, at 949.2490.

Political activist Jim Hightower to deliver two talks Oct. 1

16 Sep 2015

Social commentator and political activist Jim Hightower will deliver the University of Maine History Department's 24th annual Howard B. Schonberger Peace and Social Justice Lecture on Oct. 1. The national radio commentator, public speaker and New York Times best-selling author will give the talk, "Twenty-First Century Populist Movements are Flourishing at America's Grassroots," at 7:30 p.m. in 100 D.P. Corbett Business Building. The lecture is free and open to the public, with a reception to follow. Earlier in the day, Hightower will speak as part of the Socialist and Marxist Studies Series. He will deliver the lecture, "Corporate Elites and Their Small-Minded Political Servants are Creating the Incredibly Shrinking America," at 12:30 p.m. in the Bangor Room of the Memorial Union. Hightower has spent four decades advocating for consumers, working families, environmentalists, small businesses and more. He was twice elected as commissioner of the Texas Department of Agriculture. Hightower broadcasts daily radio commentaries that are carried by more than 150 stations and gives more than 100 speeches a year. He has written seven books in addition

to a monthly newsletter, [The Hightower Lowdown](#), and a nationally syndicated newspaper column. More about Hightower is [online](#). For more information about Hightower's talks, or to request a visitor parking permit or disability accommodation, contact the History Department office at UMhist@maine.edu or 581.1918.

WVH reports on Women of the World luncheon

16 Sep 2015

WVH (Channel 7) covered the first Women of the World luncheon of the semester. Women of the World (WOW) is a group of international women, including Americans, who gather once a month in Orono to share an ethnic lunch; a cultural program featuring the country/theme represented usually follows. WOW meets on the second Monday of the month, from September to May, at noon, at the Church of Universal Fellowship. WOW is sponsored by the Office of International Programs at the University of Maine.

Mainebiz reports on UMaine Business Challenge prize boost

16 Sep 2015

[Mainebiz](#) reported the UMaine Business Challenge, Maine's largest student entrepreneurship competition, recently announced The Fournier Family Foundation Technology Prize has been increased. The prize started with a \$5,000 award to the contestant with the best business concept involving technology. For 2016, an additional \$5,000 will be awarded to the contestant as follow-up funding if business objectives are reached within a certain amount of time, according to the article. The business plan competition, now in its fifth year, will be giving away more than \$20,000 worth of prizes, the article states.

UMaine graduation rate cited in Press Herald article on new 'college scorecard'

16 Sep 2015

The University of Maine's graduation rate was mentioned in a [Portland Press Herald](#) article about a new "college scorecard" website launched by the federal government that contains detailed information about schools, including graduates' earnings and loan debts. According to the article, UMaine's graduation rate of 57 percent is the highest among Maine's public universities.

Seymour quoted in Sun Journal article on Irving's mining battle

16 Sep 2015

Robert Seymour, the Curtis Hutchins Professor of Forest Resources at the University of Maine, was quoted in a Sun Journal article about Canadian company J.D. Irving. The Sun Journal reported that after four years of debate, the Maine Legislature in June turned down Irving's bill to relax environmental laws so it could mine copper and zinc from Bald Mountain in Aroostook County. Besides the \$250,000 in mining-issue lobbying, Irving spent \$159,000 in the same period lobbying on forest-related issues, according to the article. In 2012, the Maine Forest Service gave the company an exemption from some clear-cutting restrictions and other wood-harvesting regulations, and from having its harvests closely monitored, the article states. Seymour said that although he was concerned about Irving's "thin" zones of separation between clear cuts, which "may not serve visual and wildlife purposes," he generally felt positive about the company's agricultural-forestry model.

Glover writes BDN op-ed on GOP candidates, immigration

16 Sep 2015

Robert Glover, an assistant professor of honors and political science at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#), titled "GOP presidential candidates dig their own electoral graves on immigration." Glover is a member of the Maine chapter of the national Scholars Strategy Network, which brings together scholars across the

country to address public challenges and their policy implications. Members' columns appear in the BDN every other week.

Moran quoted in media reports on state's apple crop

16 Sep 2015

Renae Moran, a tree fruit specialist with the University of Maine Cooperative Extension, was quoted in a [Portland Press Herald](#) article about the increase of heirloom apple varieties in Maine orchards, as well as a [NECN](#) report about the state's apple season getting under way. Moran told the Press Herald the expansion of heirloom apples in Maine's commercial orchards is a "definite trend, but not to a large scale." "Most orchards have always had a few trees of old-fashioned varieties but are now planting a few more," she said. NECN reported orchards around New England are starting to open to the public for the picking season, and farmers in Maine are noticing a strong crop. "Sometimes when you get a heavy crop, you tend to pick up some bland flavors, but I haven't detected that yet," Moran said. "I am pleased with the crop load, and I'm pleased with the quality of the fruit," she said, adding she expects the season to be a long one that will last well into October. WLBZ (Channel 2) carried the NECN report.

Allan speaks with Diverse about hazing in higher education

16 Sep 2015

Elizabeth Allan, a professor of higher education at the University of Maine and president of StopHazing.org, was quoted in the [Diverse: Issues in Higher Education](#) article, "Educators say there's much work ahead on hazing issue." "Attention is growing, but we still need much more understanding and awareness," Allan said, adding we are "still in the nascent stages" of getting hazing addressed as much as other forms of harm such as bullying. She said more higher learning institutions are directing more of their attention to hazing practices. UMaine also is one of eight colleges and universities across the nation that have organized the Hazing Prevention Consortium, a three-year project aimed at putting together an "evidence" base for "hazing prevention" on college campuses, according to the article.

WVH interviews Dean Dana, student about high school to college transition

16 Sep 2015

Robert Dana, University of Maine's vice president for student life and dean of students, and Brianna Payne, a senior psychology major, spoke with WVH (Channel 7) for a report about what it takes to make a successful transition from high school to college. "It's challenging because you're coming into a whole new world where people are thinking differently, looking differently, acting differently," Dana said. Payne said making the adjustment her first year was difficult. "It was hard to go from living in a small household to a floor with like 40 other girls and guys, and it was overwhelming," she said. Both Dana and Payne agreed that the most important thing to do to ease the change is to get involved, according to the report. "I was having a hard time adjusting, then I got involved and started to meet new people and it got a lot better," Payne said. "We know that if you're engaged socially, academically, intellectually — if you have friends — you'll do great," Dana said.

BDN covers library dedication ceremony at Franco-American Centre

16 Sep 2015

The [Bangor Daily News](#) reported on a dedication ceremony for the Adrien Lanthier Ringuette Library at the University of Maine's Franco-American Centre. The collection includes 2,100 books, 100 topographical and historical maps, and thousands of pages of handwritten notes compiled by Adrien or his mother, Anita Ringuette, and dozens of original genealogical schematics documenting the Ringuette and Lanthier lineages, according to Joe Arseneault, a research associate at the center. Much of the collection is written in French, according to the article. Several members of the Ringuette family, including his widow, Celeste, and son, Scott, attended Tuesday's event, as did Daniel Devoe, Maine-Canadian trade ombudsman with Gov. Paul LePage's office. Last October, the Ringuettes drove a moving truck from Indiana to Maine to bring the collection to the center, the article states. "Franco-American communities are often

omitted from the standard narratives of the U.S. migration history, American literature and the French language in North America,” said Susan Pinette, director of Franco-American programs at UMaine. The collection also was mentioned in the [BDN](#)'s genealogy column “Family Ties.”

New Researcher Orientation Oct. 13

17 Sep 2015

The Office of Research & Sponsored Programs at the University of Maine is offering a New Researcher Orientation from 8 a.m. to 4:30 p.m. Tuesday, Oct. 13 in 3 Wells Conference Center. The session is open to new faculty and research staff. RSVP by 4 p.m. Friday, Oct. 2 by emailing wendy.powers@maine.edu or calling 581.1484. More information about the orientation is online.

Press Herald advances 4-H pig raffle at Cumberland County Fair

17 Sep 2015

The [Portland Press Herald](#) reported the University of Maine Cooperative Extension 4-H will hold a pig raffle during the Cumberland County Fair, which will be held from Sept. 27 to Oct. 3. The raffle, along with the annual 4-H Kitchen Food Booth, will raise money for scholarships, camperships, activities, events and trips for the year for 4-H members in Cumberland County, according to the article. Raffle tickets for the freezer-ready pig are on sale at the UMaine Extension Cumberland Office in Falmouth or can be purchased during the fair. Tickets are \$1 each. The 4-H Kitchen will serve breakfast, lunch and dinner, and be open daily from 6 a.m. to 9 p.m. at the back of the 4-H Exhibit Hall.

UMMA to be part of Bangor's ARTober celebration, BDN reports

17 Sep 2015

The [Bangor Daily News](#) reported the University of Maine Museum of Art in downtown Bangor will be one of 30 participating venues during ARTober, a monthlong celebration of arts and culture. The Bangor City Council approved the celebration that is planned by the Bangor Commission on Cultural Development and will showcase more than 80 events and exhibitions, including live performances, art exhibits, lectures and workshops, according to the article. A complete list of events is available on the city's [website](#).

Mayewski quoted in Arctic Newswire article on need for collaboration

17 Sep 2015

Paul Mayewski, director of the Climate Change Institute at the University of Maine, was quoted in the [Arctic Newswire](#) article, “Arctic experts warn of urgent need for collaboration.” Several speakers at a forum on Arctic issues held in Washington, D.C., on Wednesday focused on the the difficulties of communication and collaboration facing the government and scientific researchers as attention on Arctic research increases, according to the article. Researchers, policymakers and politicians agreed that the pace of climate change in the Arctic will likely result in major effects around the world, and sharing information among the many programs scattered across the federal government can be hit-or-miss, the article states. “Abrupt Arctic warming is likely just an early trigger of events that are about to come. Therefore, we need to be smart about how we develop plausible scenarios for the future and engage thinking about abrupt climate change,” Mayewski said.

BDN reports on UMaine Extension community garden in Presque Isle

17 Sep 2015

The [Bangor Daily News](#) published an article about a community garden in Presque Isle that was started by the University of Maine Cooperative Extension in Aroostook County 4-H and the Presque Isle Housing Authority. Four-foot-by-8-foot garden plots are free for residents of Presque Isle Housing Authority homes and members of housing

subsidies programs; the cost is \$20 per plot for the public, according to the article. The 4-H group worked with the housing authority to secure the land, and 4-H members and students helped residents learn the basics of planting, the article states. “It can be a little daunting if you’ve never gardened before,” said Christa Galipeau of UMaine Extension in Aroostook County 4-H. UMaine also donated seeds to the garden.

Foster Center for Student Innovation part of startup initiative, Press Herald reports

17 Sep 2015

The [Portland Press Herald](#) reported the University of Maine’s Foster Center for Student Innovation is part of a group of innovation organizations that aim to build on momentum in the state’s startup community with an initiative that strengthens partnerships and leverages new sources of money. Maine Accelerates Growth (MxG) is a partnership among the Foster Center, Maine Technology Institute and the Maine Center for Entrepreneurial Development, according to the article. MxG was born from Blackstone Accelerates Growth, a multi-year effort launched in October 2011 with a \$3 million grant from the Blackstone Charitable Foundation, the article states. The [Bangor Daily News](#) and [Mainebiz](#) also reported on the initiative.

AP quotes Brewer in article about Sen. Susan Collins’ voting record

17 Sep 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in an Associated Press article about how U.S. Sen. Susan Collins is nearing her 6,000th consecutive vote in the Senate. On Thursday, Collins is likely to become the third senator to hit the milestone when she weighs in on measures related to the Iran nuclear deal, according to the article. Brewer said Collins’ perfect attendance speaks to the qualities that voters like about her: she’s hardworking, determined and steadfast. He said she probably knows that her opponents will try to use it against her if she misses a vote, the article states. “She has played it up so much and put so much importance and emphasis on it that if it were to end for a reason that could have been avoided, then I think it could be used against her in the next campaign,” Brewer said. The [Portland Press Herald](#), [Sun Journal](#), [Star Tribune](#) and [Tri-City Herald](#) carried the AP report.

NPR interviews Drummond for report on popularity of Nordic berries in Asia

17 Sep 2015

Frank Drummond, an entomology specialist with the University of Maine Cooperative Extension and a UMaine professor of insect ecology, was quoted in the [NPR](#) report, “Asian countries have Nordic berry fever, and Finland can’t keep up.” Every day, about 7,000 Thai workers search the woods of Finland and Sweden for bilberries, lingonberries and cloudberries. Using buckets and scooping tools, they each gather up to 270 pounds of berries, according to the report. Even with each person picking 270 pounds a day, it isn’t enough for the high demand at Nordic berry companies, the report states. The berries are used in food such as pies, jams, ice cream and juice, as well as health and beauty products. Domesticating the Nordic berries — which would involve breeding and selecting to create something similar to the highbush blueberry — is a possibility to help with the demand, the report states. “It’s such a complicated process that it could take several decades for the Scandinavian countries to figure out what is the best way to grow the plant without adverse effects,” Drummond said.

Krystal Poulin and Alexandra Jimenez: Birds of a feather at Avian Haven

17 Sep 2015

As a young child, Alexandra Jimenez followed around squirrels and cracked open nuts for them. Her desire to help animals is still strong. Today, the University of Maine sophomore from Montville is majoring in animal and veterinary sciences with a pre-veterinary concentration. At UMaine, much of her academic concentration has been on cows and sheep at the Witter Center. But this past summer, Jimenez spread her wings, so to speak. She took part in an internship at Avian Haven, a rehabilitation facility in Freedom dedicated to returning injured and orphaned wild birds to their

natural habitat. Jimenez calls her experience exhilarating and transformative. On her first day at the facility, a co-worker invited Jimenez to help feed a barred owl so young it hadn't yet opened its eyes. Nestlings' eyes open after about a week. "That was my very first day and I was getting my feet wet up to my neck," says Jimenez. More recently, she helped to blow dry a gannet after its bath. "I have learned more than I ever thought I could about birds," she says. Jimenez is considering minoring in wildlife ecology and wants wildlife rehabilitation to be the focus of her veterinary career. The toughest part of the internship, she says, is when patients die. While it's devastating, Jimenez says coping with death is part of life and of this learning experience. "Every second is so rewarding. There's a feeling of accomplishment to see them fly off and start their new life," she says. "It's an unpaid internship but the abundance of unique experiences makes you feel rich." July 16, Jimenez released finches with intern Krystal Poulin, who graduated in May from UMaine with a degree in wildlife ecology with a concentration in conservation. Like Jimenez, Poulin says helping birds gain strength, heal and grow, then take flight — is a satisfying part of the incredibly gratifying internship. Poulin says it's rewarding to reverse the negative impact of human creations and activities — whether that's habitat destruction, cat predation, lead ammunition, car strikes and or windows in buildings — through wild bird rehabilitation. Studying wildlife was a natural progression for Poulin, who grew up in Sabattus in a family of outdoor enthusiasts. At UMaine, she was particularly interested in learning about birds; Poulin says she's fascinated by their anatomy and behavior. This summer, Poulin and Jimenez say they've gained an appreciation for the hard work associated with rehabilitative care. Five days a week, hourly from about 8 a.m. until 8 p.m., they feed wild baby birds, including owls and kestrels. During patient intake, they assist with examination, feeding, testing for parasites and bandaging wings. They also clean the outside flight cages — there are 14 of varying sizes and shapes built for multiple species — as well as the Pool Hall, an all-season facility for aquatic birds. Choosing one or two favorite aspects of the internship is difficult, says Poulin, because "every experience every day is my favorite." Which all added up to helping her solidify her future plans. "When I left college, I had no idea what I wanted to do. I have confirmed that this is definitely something I really, really enjoy," she says. "It brings me so much happiness. There are long days and I love every minute of it. Marc (Payne, Avian Haven co-founder and co-director) told me when you're in rehab and love what you're doing that you can't tell time." The fact Jimenez and Poulin are interested in wildlife rehabilitation as a career is good news for Diane Winn, who opened Avian Haven in February 1999 with Payne. "Avian Haven's primary mission is returning birds to the wild, but our secondary mission is educating and training rehabilitators," says Winn, a retired Colby College sensory perception psychologist. "We hope that some of our interns will be among the next generation of rehabilitators. Others should find their skill sets enhanced by their experiences here, so that they can become more effective in careers such as veterinary medicine or wildlife biology. "Alex and Krystal are among the best interns we have ever had, and we look forward to working with more (UMaine) students in the future." Mary Bird, yes, Bird is her last name, would like other UMaine students to have internship opportunities at Avian Haven, as well. The former UMaine instructor who continues to work with faculty and students in the College of Natural Sciences, Forestry, and Agriculture is a member of Avian Haven's board of directors and is a volunteer driver. She's committed to helping sustain Avian Haven by growing operating and endowment funds, forging stronger collaborative relationships with UMaine and other institutions, and cultivating the next generation of rehabilitation professionals. In 2008, Bird was introduced to Avian Haven after helping rescue a chimney swift nestling whose nest had been dislodged in a storm. She was awed. "The Avian Haven staff and volunteers didn't cuddle and coo over these creatures, but rather respected their wildness and did all that could be done to minimize the stress of human contact so that when recovered, the birds could return safely and successfully to lives in the wild," she says. A bird's release may come days, weeks or months after it arrives. Photos of some releases, including details about where and how the birds were rescued, are shared on Avian Haven's Facebook page. Each release signifies a healthy beginning and there have been numerous fresh starts in 2015 alone. As of June 26, more than 1,000 birds had been admitted to Avian Haven this year. Since the facility opened in 1999, Winn, Payne and Avian Haven staffers have treated more than 12,000 birds, including loons, herons, hummingbirds, bald eagles, hawks, robins, owls, crows, mourning doves, barred owls, falcons, turkey vultures, ospreys, hawks, blue jays, pigeons, starlings and sparrows. Birds unable to return to the wild sometimes remain at the facility as residents and "adopt" admitted juveniles. In addition to being educationally valuable, the internship provided Poulin and Jimenez, with opportunities to advance part of Avian Haven's mission to "remedy the unfavorable effects of humanity's actions, promote tolerance for the needs of all life, and contribute to balance on [E]arth." Contact: Beth Staples, 207.581.3777

Psychologist Jessica Good to deliver 2015 Stanley Sue Distinguished Diversity Lecture

18 Sep 2015

The 2015 Stanley Sue Distinguished Diversity Lecture will be presented by psychologist Jessica Good who will speak about how to manage diversity among faculty and students in a way that promotes success for all. “Framing Diversity: Emphasize Similarity or Embrace Differences?” begins at 3:10 p.m. Friday, Sept. 25 in 115 D.P. Corbett Business Building. The Stanley Sue Lecture Series, an annual event sponsored by UMaine’s Diversity Committee of the Doctoral Program in Clinical Psychology, features speakers who work with diverse populations. Good is the L. Richardson King Assistant Professor of Psychology at Davidson College in North Carolina. Her research focuses on perceptions of women who are targets of benevolent sexism, as well as factors that may play a role in recognition and confrontation of sexism. She also is involved in research investigating the effect of colorblind versus multicultural diversity messages on minority college students, which will be the focus of her talk. During the lecture, Good will present data from several studies testing the influence of diversity messaging that emphasizes similarities among all people (colorblindness) as compared to diversity messaging that embraces differences between individuals and groups (multiculturalism). The Stanley Sue Lecture Series has been put on annually since 2008. The series honors Sue, a pioneer in the field of diversity as it pertains to clinical psychology. More information about the series is online. The event is free and open to the public. Registration is not required, and light refreshments will be provided. For more information about this year’s talk, or to request a disability accommodation, contact Rachael Huff on FirstClass. Also on Sept. 25, the Diversity Committee will partner with the ADVANCE Rising Tide Center to offer a workshop that will focus on experiences of women in STEM fields. The workshop will provide an overview of research on experiences of sexism in STEM settings, as well as other social psychological factors associated with the underrepresentation of women in STEM. Invited female STEM faculty and students will focus on strategies for successfully confronting sexism and other bias, as well as providing feedback that facilitates women’s persistence in math and science disciplines. More about the workshop is on the ADVANCE Rising Tide Center’s [website](#).

Maine Edge reports on School of Performing Arts’ fall 2015 season

18 Sep 2015

[The Maine Edge](#) published a University of Maine news release announcing the School of Performing Arts’ fall 2015 season. The school is staging 29 distinct theater, music and dance shows totaling 40 performances in three campus venues from September through December. The season began in September with a Faculty Jazz Recital and will end Dec. 12 with the Fall Dance Showcase. Other highlights include: Society of Composers Conference Showcase Oct. 22–24; The Mainely Baroque Music Concert at 7:30 p.m. Oct. 29; “The Cherry Orchard” play directed by Marcia Joy Douglas on Nov. 6, 7 and 8 and Nov. 12, 13, 14 and 15; and the Yuletide Holiday Concert at 2 p.m. Dec. 6. A complete list of performances, dates, times, sites and ticket prices is [online](#).

Four startups selected for business accelerator program, Press Herald reports

18 Sep 2015

The [Portland Press Herald](#) reported four startups have been selected for Scratchpad Accelerator, a new business accelerator program in Bangor. Scratchpad is a pilot program of the University of Maine and the Maine Technology Institute. The first of its kind in the state, the program was created to help nurture and provide mentorship to promising startups in the greater Bangor region, according to the article. CourseStorm of Orono; Double Blue Analytics of Orono and Brunswick; Tip Whip, LLC of Old Town; and L&K Manufacturing of Bangor were chosen to receive up to \$25,000 from MTI. The companies will work from Scratchpad’s location in downtown Bangor for three months to focus on growing their businesses. “We provide the environment startups need to explore, pivot and grow quickly,” said Jason Harkins, Scratchpad’s managing director and associate professor of entrepreneurship at the Maine Business School. “The support participants receive in the program include funding, education, office space, networking opportunities, mentors and more. It’s our job to clear away obstacles and help companies get clarity. It’s all about helping the entrepreneurs find the right answers and quickly apply lessons learned.” [The Maine Edge](#) and [Bangor Daily News](#) also carried a report on Scratchpad.

BDN interviews Rubin about increase in passengers at Maine airports

18 Sep 2015

Jonathan Rubin, a professor of resource economics and policy at the University of Maine, was quoted in the [Bangor Daily News](#) article, “Bangor, Portland airports report increased passenger counts.” Bangor International Airport officials reported 168,072 passengers used the facility in June, July and August, which is up 4.8 percent from the same period last year, according to the article. Portland International Jetport reported 564,272 passengers used the jetport during that time, which was up 8.5 percent, the article states. Rubin said the main causes for the increase are business and leisure travel. He said Bangor’s airport bucks the trend nationally for achieving passenger growth despite not having a low-cost national carrier, such as Southwest or JetBlue. Nationally, most airline growth has occurred among low-cost carriers, he told the BDN.

Fried speaks with Press Herald about Hillary Clinton’s Portland campaign stop

18 Sep 2015

The [Portland Press Herald](#) reported Hillary Clinton will bring her Democratic presidential campaign to King Middle School in Portland on Friday, Sept. 18. The relatively low-key event will be a sharp contrast to a Maine rally by Vermont Sen. Bernie Sanders, who packed the Cross Insurance Arena in July, the article states. Sanders’ rallies have become a strong draw, and his liberal views play to the Democratic Party’s base, University of Maine political scientist Amy Fried said. “[Clinton] does not want there to be any comparisons between the number of people who show up at her events and who show up at Sanders’ rallies,” Fried said. “She is staying away from large-scale events.” Fried said Clinton usually performs better at smaller-scale events where she can relate more intimately to the audience.

AccuWeather quotes Day in report on fall foliage

18 Sep 2015

Michael Day, an associate research professor of tree physiology and physiological ecology at the University of Maine, spoke with [AccuWeather](#) for the article, “Fall foliage forecast: Warm air may hinder emergence of bright colors in East.” Weather conditions over the past few months have set the stage for a vibrant display of fall colors in the East, but experts say temperatures in the coming weeks will be the determining factor, according to the article. Three primary factors influence the intensity of foliage colors during the fall: photoperiod, cool air and water stress, the article states. “The proper photoperiod is upon us,” Day said. “In the Northeast, trees have had above-average late summer water stress, but we are yet to have a substantial cool period over much of our area.” [NorthJersey.com](#) and [Norwalk Reflector](#) carried the AccuWeather report.

Media report on \$1M federal grant for farming research

18 Sep 2015

The [Portland Press Herald](#), [Bangor Daily News](#), [Mainebiz](#), WABI (Channel 5) and [The Maine Edge](#) reported the University of Maine has been awarded \$999,120 to study pioneering farming technology and practices. U.S. Sens. Susan Collins and Angus King announced the award in a press release. The U.S. Department of Agriculture (USDA) awarded the collaborative research grant to UMaine to help Maine farmers and regional partners meet a growing market demand for organic grains through extensive research on production methods, marketing strategies, food safety practices, socioeconomic conditions, and farm business management, according to the press release. “The University of Maine’s innovative research strengthens our agricultural sector, which is a cornerstone of Maine’s economy, and furthers Maine’s rich farming history,” the senators said in a joint statement. “This grant funding will play a crucial role in supporting Maine’s university system as it works to empower entrepreneurs, increase outreach, upgrade machinery, and preserve Maine’s tradition of small and diversified farms and businesses.” Ellen Mallory, a sustainable agriculture Extension specialist and associate professor in plant, soils, and environmental science at the University of Maine, said the four-year grant will focus on grains such as spelt, barley, rye and oats, for uses ranging from baking and brewing to producing animal feed, the Press Herald reported. UMaine will work with the University of Vermont and industry partners in the region, the release states.

Scratchpad Accelerator announces companies selected for pilot startup initiative

18 Sep 2015

The Scratchpad Accelerator, a pilot program of the University of Maine in collaboration with the Maine Technology Institute, has selected four companies to participate in a seed accelerator, the first of its kind in Maine. CourseStorm of Orono; Double Blue Analytics of Orono and Brunswick; Tip Whip, LLC of Old Town; and L&K Manufacturing of Bangor will receive up to \$25,000 from MTI. The companies will work from Scratchpad's location in downtown Bangor for three months to focus on growing their businesses. Startups face a lot of unknowns and many fail before they find the right answers. With full-time support and access to industry experts and mentors, Scratchpad Accelerator will help each company uncover answers to critical questions about their businesses, including their most appropriate customer base and business models, and how to pitch to investors. Scratchpad Accelerator guides entrepreneurs through the early stages of business development to help them improve their chances of success. "We are thrilled to be a part of Scratchpad," says Spencer Wood, founder and CEO of Tip Whip, LLC. "We believe our company is poised for tremendous growth, but we need help to get there. At Scratchpad, a team of people will help guide us through critical business decisions. With their help, Tip Whip will become a well-known name on college campuses throughout the United States." In addition to programming and mentors, Scratchpad will provide office space and coordinate more than 15 events from weekly founder dinners to a final Demo Day where entrepreneurs will pitch to an audience of potential investors, supporters and partners. "We provide the environment startups need to explore, pivot and grow quickly," says Jason Harkins, Scratchpad's managing director and associate professor of entrepreneurship at the Maine Business School. "The support participants receive in the program include funding, education, office space, networking opportunities, mentors and more. It's our job to clear away obstacles and help companies get clarity. It's all about helping the entrepreneurs find the right answers and quickly apply lessons learned." Mentorship is a critical component of the accelerator, and Scratchpad is developing a strong statewide mentor network with help from the Maine Center for Entrepreneurial Development; Jess Knox of Maine Accelerates Growth; the Bangor Target Area Development Corp. and others. Anyone interested in a mentor role is encouraged to fill out a Mentor Profile on the Scratchpad [website](#). Scratchpad's Founding Sponsor is Bangor Savings Bank Foundation. The Bangor Target Area Development Corp. is a Master Craftsman Sponsor. The team is looking for additional sponsors interested in making a financial contribution to support entrepreneurs and help Scratchpad reach its funding goal of \$19,500. Email lisa@scratchpadaccelerator.com to discuss sponsorship opportunities.

Darling Marine Center director travels to share ocean science developments

18 Sep 2015

The new director of the University of Maine Darling Marine Center in Walpole will log considerable miles on land and sea Sept. 21–23 to discuss ocean science and ocean stewardship. Sept. 21, Heather Leslie will talk about opportunities and challenges for engaged research on the Maine coast during a Senator George J. Mitchell Center for Sustainability Solutions seminar at 3 p.m. in 107 Norman Smith Hall at the University of Maine. The next day, the international leader in marine conservation science will board Nova Star in Portland, Maine for a two-day, 424-mile voyage across the Gulf of Maine trip to Yarmouth, Nova Scotia and back. Leslie will share her expertise with passengers as part of the Nova Star's ECO (Everyone Cares about the Ocean) Program. "I've really enjoyed my first six weeks as director of the Darling Center," Leslie says. "We have so many exciting marine research and education projects underway at the Darling Center, and as I learn more about them and about the interests of our neighbors in the community, in industry and the broader region, I can see many possibilities for leveraging this important work to benefit the people of Maine." Leslie is the second of 12 speakers in this fall's Senator George J. Mitchell Center for Sustainability Solutions series in Orono. Her Sept. 21 talk is titled "Got fish? Reflections on scientists' roles in sustaining small-scale marine fisheries." When it comes to sustaining fisheries, how knowledge is generated and shared can be as important as what is known, she says. Leslie, who joined the DMC in August, will discuss understanding drivers of ecological and social processes in marine systems and how to effectively connect science to marine policy and management. "I grew up on the Gulf of Maine and saw my town's waterfront change as the waters offshore changed. This early experience on the coast really shaped the international research that I'll talk about next week," she says. "As vital as it is to understand ecosystem dynamics, in order to come up with creative solutions to the challenges we face, we also need equally good information on the people who are part of these dynamic systems. We also need thoughtful ways of building this knowledge base, in

collaboration with the people who know these places best.” For more information about the seminar and the fall series, visit umaine.edu/mitchellcenter/seminars. Sept. 23, Leslie will be the featured presenter for Nova Star’s ECO Program, which has included presentations on fishing, shipping, wind turbines and recreation. Discussions also are part of the program, as are observations of weather, currents, whales, dolphins, sea turtles, seabirds and fish. The goal of the new ECO Program is to encourage more people to become passionate in their enjoyment, understanding and protection of the ocean and its good long-term health, says Thomas Robben, a researcher who helped organized the ECO Program. “Heather was perfect to partner with the ECO Program because of her views and work on the coupling of the natural marine-atmospheric system with the human socio-economic system,” he says. “She understands how crucial healthy marine systems are to enable and benefit our human system, for us, for our grandchildren and beyond.” Leslie says she’s looking forward to sharing new developments in ocean science and stewardship with Nova Star guests, then getting back to work on the midcoast and the center. “As someone who was trained as a rocky shore ecologist, I don’t often have an opportunity to spend time offshore in ‘blue water,’ as our UMaine oceanographers call it,” says Leslie. “I have a lot to learn still, and many opportunities to pursue.” There will continue to be opportunities for Maine residents to meet Darling Center students and scientists, she says. To learn about upcoming events, visit dmc.umaine.edu, follow the Darling Marine Center on [Facebook](https://www.facebook.com/darlingmarinecenter) or call 207.563.3146. Contact: Beth Staples, 207.581.3777

Former chemistry professor Erik Lotse passes away

21 Sep 2015

Erik Lotse, who was a professor of soil chemistry at the University of Maine in the 1970s, passed away Aug. 25, 2015. His obituary is [online](#).

Public forum on state broadband issues Sept. 21

21 Sep 2015

The University of Maine will hold a community forum hosted by ConnectME Authority to receive public comment regarding broadband issues in Maine. Citizens, business owners, municipal representatives and others are encouraged to attend the event from 5–7 p.m. Monday, Sept. 21 at Wells Conference Center. Input gained at the forums will be incorporated in the authority’s draft of a triennial strategic plan to be available for review in November. Attendees will participate in a discussion on expectations regarding broadband availability, quality and adoption in Maine, including goals and priorities. Other forums will be held from 2–4 p.m. Wednesday, Sept. 23 at the University of Maine at Presque Isle and 5–7 p.m. Wednesday, Sept. 30 at the University of Maine at Augusta. For those unable to attend a forum, they can submit comments on ConnectME Authority’s [website](#). For more information on the forums and the strategic planning process, email Connect.ME@maine.gov.

Dispatch Times quotes Fried in article on Democratic presidential debates

21 Sep 2015

Amy Fried, a political science professor at the University of Maine, was quoted in the [Dispatch Times](#) article, “Democrats interrupt party chair to demand more presidential debates.” According to Fried, Vermont Sen. Bernie Sanders’ presidential campaign rallies have become a strong draw, and his liberal views play to the Democratic Party’s base, the article states.

Kanoti wins Abby Holman Award, Centralmaine.com reports

21 Sep 2015

[Centralmaine.com](#) reported Keith Kanoti, forest manager at the University of Maine, received the Abby Holman Public Service Award at the recent Maine Forest Products Council 55th annual meeting. Kanoti, who has served as the Maine Forest Service water resource forester, received the award for his “outstanding work with private landowners to improve fish passage and stream connectivity,” according to the article.

Brewer speaks with MPBN about Bruce Poliquin's Democratic challengers

21 Sep 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Maine Public Broadcasting Network](#) report, "Can Democrats unseat Bruce Poliquin?" While the 2nd District congressional election is more than a year away, Democrats are continuing their assault on Republican Congressman Bruce Poliquin's voting record, according to the report. Since Poliquin took office eight months ago, Democrats have said the House GOP budget he supports would have turned Medicare into a voucher program for future beneficiaries, reduced funding for Pell Grants that provide financial assistance to thousands of Maine students, and changed federal credit policies, making it more difficult for Mainers to buy a home. Democrats also have been critical of Poliquin's role as a member of the House Financial Services Committee while accepting large campaign contributions from the Wall Street power brokers he's supposed to be overseeing, the report states. "I think that some of the things that the Maine Democratic Party has been throwing out over the past few days pointing to the things that are going to hurt Poliquin, whether it be Pell Grants or the Wall Street money; I don't think those amount to much," he said.

AP interviews Yarborough about Maine blueberry harvest

21 Sep 2015

The Associated Press spoke with David Yarborough, a blueberry specialist with the University of Maine Cooperative Extension and professor in the School of Food and Agriculture, for a report about this year's blueberry harvest in Maine. Yarborough said the volume of this year's wild blueberry crop was slightly behind recent trends. He said the harvest is likely less than 90 million pounds, and possibly as low as 85 million. Recent years have yielded about 90 million pounds per year, and the 2014 total was 104 million, according to the report. Yarborough said the cold spring wasn't optimal for bees to pollinate, and the berries suffered from die-off during the winter months and a dry summer, the report states. "No disaster, no big crop, but the consensus I can say here is average to below average," he said. "Sometimes too many great years in a row aren't too great, either — it pushes price down and you have oversupply." Sun Journal, Maine Public Broadcasting Network, WLBZ (Channel 2), [WMTW](#) (Channel 8 in Portland) and Tri-City Herald carried the AP report.

Collaborative sea urchin project featured on WABI

21 Sep 2015

WABI (Channel 5) reported on a sea urchin restoration project being conducted at the University of Maine's Center for Cooperative Aquaculture Research (CCAR) in collaboration with the Department of Marine Resources and local fishermen. The project aims to restore the sea urchin population in Cat Ledges, which is located in the Boothbay Harbor area. "I have high hopes for this because it's really the first time that the fishery has ever tried restocking," said Steve Eddy, director of CCAR in Franklin. "They've talked about it for years, but it's never been done on any significant scale." The Department of Marine Resources is proposing to close the sea urchin harvest in Cat Ledges for three years as the restoration project is underway, according to the report. "We got a really dedicated and experienced crew of fishermen working on this project. and I think they'll make it happen," Eddy said.

BDN reports on College of Education's virtual classroom

21 Sep 2015

The [Bangor Daily News](#) reported on a new lab in University of Maine's College of Education and Human Development that enables students to teach in front of a virtual classroom of avatars in preparation of their student teaching in Maine schools. The new lab uses the program TeachLivE, a mixed-reality teaching environment that supports teacher practice in classroom management, methods and content. The program began development a decade ago at the University of Central Florida in a partnership between the university's education and technology schools. Last year, the company Mursion purchased the rights to commercialize the technology, according to the article. UMaine's TeachLivE lab, with

an 80-inch screen and new computer, is being set up in Room 207 of Shibles Hall and is expected to open next month, the article states. “Teaching is one of those professions that, often, people underestimate how challenging it can be,” said Susan Gardner, interim dean of the College of Education and Human Development. “Just knowing the content is not enough to be a good teacher.”

Climate change research cited in Press Herald article

21 Sep 2015

Climate change research from the University of Maine was cited in the [Portland Press Herald](#) article, “Climate change becomes a matter of mental health.” The article cited a study by three UMaine professors — Mark Anderson, Caroline Noblet and Mario Teisl — on environment and values from the summer of 2010. The study, which was published in the [Maine Policy Review](#) in 2012, found 67 percent of residents are concerned about the effect of global warming on Maine, while about 17 percent said they weren’t concerned, according to the article. David Hart, director of the George J. Mitchell Center for Sustainability Solutions at UMaine, also was quoted in the article. “Many people feel despair about many things in the world and climate change is one of them. But there are really outstanding researchers and public intellectuals that would probably make the case that there are opportunities with climate change. All you have to do is think about Maine and its agriculture,” he said, adding the state will have a longer growing season and heating bills could drop. UMaine’s Climate Change Institute is a hotbed for these kinds of conversations and for explorations of not just attitudes toward climate change, but solutions, the article states. Research by Paul Roscoe, an anthropologist who teaches a course called Human Dimensions of Climate Change; and Cindy Isenhour, an assistant professor of anthropology who works with CCI, also was cited.

Preserve the late summer harvest with UMaine Extension

22 Sep 2015

Preserve the late summer harvest at a workshop with University of Maine Cooperative Extension food systems professional Vina Lindley from 10 a.m. to noon Tuesday, Sept. 29, at UMaine Extension in Waldo County, 992 Waterville Road, Waldo. Participants will take part in hands-on USDA-recommended food preservation methods and check for properly sealed jars. They’ll learn about the latest and safest recipes and equipment to ensure food safety. Participants, who are asked to bring a pot holder, will receive a food preservation packet and a jar of salsa or jam to take home. The \$15 fee includes all materials. Register online or call 342.5971, 800.287.1426 (in Maine). For more information or to request a disability accommodation call 342.5971.

Brewer quoted in MPBN report on LePage not naming board members

22 Sep 2015

Mark Brewer, a political science professor at the University of Maine, spoke with the [Maine Public Broadcasting Network](#) for the report, “LePage not naming board members, vows to bypass legislature through citizen initiatives.” Gov. Paul LePage said he has decided not to nominate any candidates to fill empty positions on state boards and commissions, citing ongoing tensions between the Legislature and the executive branch, according to the report. Brewer said if LePage doesn’t name replacements, it won’t be long before Mainers will be affected by boards and commissions that can’t approve deals, issue licenses or adjudicate disputes, the report states. “Eventually that is going to be a problem for not only the functioning of Maine government, the executive branch in particular, but the government as a whole,” Brewer said. “Eventually that will trickle down to the average Mainer. So really this is really an important matter that should be getting people’s attention.”

Morning Ag Clips advances harvest preservation workshop

22 Sep 2015

Morning Ag Clips reported the University of Maine Cooperative Extension will host a workshop on preserving the late summer harvest from 10 a.m. to noon Tuesday, Sept. 29, at UMaine Extension in Waldo County, 992 Waterville Road,

Waldo. Participants will take part in hands-on USDA-recommended food preservation methods and learn about the latest and safest recipes and equipment to ensure food safety, according to the report. Participants, who are asked to bring a pot holder, will receive a food preservation packet and a jar of salsa or jam to take home, the article states. The \$15 fee includes all materials. Registration is available online or by calling 342.5971 or 800.287.1426 (in Maine).

Maine Food and Agriculture Center plans unveiled at UMS board of trustees meeting, media report

22 Sep 2015

The [Portland Press Herald](#) and [Bangor Daily News](#) reported University of Maine System officials announced the creation of the Maine Food and Agriculture Center, a new way for Maine residents and businesses to tap into the resources offered across all seven campuses. The new center is in response to the growing markets in agritourism, organic farming, and the local food movement, according to the Press Herald. “Food is becoming an economic development issue. It’s very exciting,” said John Rebar, executive director of UMaine’s Cooperative Extension, adding the center can help small farmers or major chains. He said Chipotle reached out to him recently to identify farmers within 175 miles of their locations, the Press Herald reported. The plans for the center were discussed during a meeting of the UMS board of trustees. The meeting also focused on the One University Initiative and shrinking the systemwide budget gap. Howard Segal, a UMaine history professor and faculty senate member, said he and fellow faculty members have concerns about what the changes might mean for UMaine’s identity as the system’s flagship campus and urged the system to be as open as possible about the changes, the BDN reported.

Maine Edge previews Black Bear Triathlon

22 Sep 2015

[The Maine Edge](#) published a University of Maine news release announcing the Black Bear Triathlon on Sept. 27. The race, sponsored by UMaine Campus Recreation and sanctioned by USA Triathlon, will be held on campus beginning at 8:30 a.m. The event begins with a 525-yard swim in UMaine’s Wallace Pool, followed by a 12.5-mile bike race into Old Town, and ends with a 3.1-mile run through UMaine fields and trails. The Black Bear Triathlon is open to athletes ages 16 and older. In addition to individual competition, the event features a relay component for teams of two or three athletes. Registration fee is \$70; \$95 for teams. Registration closes Sept. 23 and will be capped at 160 athletes. More registration and event information is [online](#).

Lobster Institute statistics cited in media reports of blue lobster found in NH

22 Sep 2015

[Seacoastonline](#) and [New Hampshire Union Leader](#) cited statistics from the Lobster Institute at the University of Maine for an article about a one-in-two-million blue lobster that was found at Ray’s Seafood in Rye, New Hampshire. A blue lobster is one type of several coloring variations of lobsters, all due to genetic mutations, according to the Lobster Institute. In addition to the blue lobster, the institute says red lobsters are reportedly a one-in-10-million catch, while yellow lobsters and calico lobsters are a one-in-30-million catch. The chance of catching a split-colored lobster is roughly one in 50 million, while the rarest type — an albino lobster — is estimated at one in 100 million, Seacoastonline reported.

Jemison speaks with WVII about delayed fall foliage

22 Sep 2015

John Jemison, a soil and water quality specialist with the University of Maine Cooperative Extension, spoke with WVII (Channel 7) for a report about the late start to Maine’s fall foliage season. The warmer-than-usual weather has the state’s roughly \$600 million annual leaf-peeping tourism industry on hold, according to the report. “It has certainly been muggy as of late and that does tend to push the foliage change back some,” Jemison said of the delay.

Kittery students' involvement in Stormwater Research Institute featured in Seacoastonline

22 Sep 2015

[Seacoastonline](#) reported seven students from Traip Academy in Kittery attended the weeklong Stormwater Research Institute at the University of Maine over the summer. The students learned about the importance of stormwater drainage and how it can affect other bodies of water, according to the article. "I live close to the water, and it's interesting to find out what is in it," said Sommer Huntress, a sophomore at Traip. "It was a lot more hands on and we did research from 7 a.m. to 8 p.m. It was definitely a change from a normal science class. It was fun." Participating students will spend the school year collecting stormwater data in Kittery that they will send to UMaine for analysis, the article states.

Blackstone speaks about being childfree by choice on WERU's 'Maine Currents'

22 Sep 2015

Amy Blackstone, a sociology professor at the University of Maine, was a recent guest on [WERU Community Radio's](#) "Maine Currents" program. The show focused on the decision not to have children. Blackstone researches childfree-by-choice adults and the stigma that surrounds them. She also maintains a blog with her husband titled, "we're {not} having a baby! childfree adventures in a child-centric world."

AP quotes Trostel in article on Maine residents being responsible for less state bills

22 Sep 2015

The Associated Press reported Maine's taxpayers are responsible for less of the state's bills than they were five years ago, according to a report issued by Chicago-based Truth In Accounting. The nonpartisan think tank calculated "taxpayer burden" by subtracting each state's bills from its assets and dividing that figure by its number of taxpayers. Maine's taxpayer burden was \$8,800 in 2014, down from \$15,000 in 2010, the report states. University of Maine economist Philip Trostel said it would be more accurate to describe the figure as a "debt burden" than a "taxpayer burden" because it reflects the amount of money the state owes, according to the article. He said the improved economy has likely helped ease that burden. "Where we were in 2010 was just coming out of the Great Recession," Trostel said. "The economy isn't quite as weak now." [The Washington Times](#) and [Beaumont Enterprise](#) carried the AP article.

Buoy data to inform how aquaculture fits into working waterfront

22 Sep 2015

University of Maine scientists have deployed an ocean-observing buoy at the mouth of the Damariscotta River to help scientists understand how different types and scales of aquaculture can fit into Maine's multi-use working waterfront. The buoy is part of a National Science Foundation's Sustainable Ecological Aquaculture Network (SEANET) project geared to assist the aquaculture sector maintain an environmentally and economically sustainable production path. Professor Neal Pettigrew's Physical Oceanography Group in the School of Marine Sciences will use data gathered by Mooring E0501 to map water circulation at the mouth of the river. The detailed circulation patterns will be integrated into ecosystem models under the supervision of Damian Brady, assistant research professor at the Darling Marine Center. The models will include results of environmental monitoring, field investigations and lab analysis, much of which will be conducted at the DMC. The letters ODAS on the buoy stand for the Ocean Data Acquisition System. The buoy, designed and constructed by Ocean Science and Technology, LLC., includes technology developed for the network of deep-water buoys in the Gulf of Maine that are part of the Northeastern Regional Association of Coastal and Ocean Observing Systems. Powered by solar panels and batteries, Mooring E0501 records air temperature, wind strength and direction, wave height, water temperature, salinity, concentrations of phytoplankton and current speed and direction at several depths between the surface and 20 meters (65 feet). Researchers plan to maintain the buoy through next fall to capture the annual cycle and dynamic interaction of the ocean-bound Damariscotta River and the landward push of the ocean tides. Data is telemetered to shore in almost real time by a cell phone modem and can be viewed at the Physical Oceanography Group's [website](#). Much of the data is graphically represented. For instance, it shows the fastest current runs north to south on the ebb tide when it reaches nearly 1.5 miles per hour and shows a recent increase in

salinity. Contact: Linda Healy, 207.563.8220

Alum starts small business selling hand-crafted Bloody Mary Mix

22 Sep 2015

<https://www.youtube.com/watch?v=PqZNNebepg&feature=youtu.be> [Transcript](#) Katherine Quinn of Cornville, Maine, knew she had a winning Bloody Mary recipe when she sold 16 gallons of her hand-crafted mix in one day at a restaurant on Sugarloaf Mountain. Since then, the famed bartender and UMaine alum has been selling her cocktail concoction, Ass Over Teakettle Bloody Mary Mix, in more than 50 retail stores and restaurants. Quinn decided to join the UMaine Top Gun Entrepreneurial Accelerator Program with encouragement from the owners of Twenty 2 Vodka, who were graduates of the program. Quinn talks about the Top Gun program and how it helped her attain her business goals in this video. The Top Gun entrepreneurship accelerator is a five-month program that engages entrepreneurs in growing their businesses. Top Gun combines education, mentoring, pitch-coaching and networking opportunities. The program is a partnership of the Maine Center for Entrepreneurial Development, Maine Technology Institute, Blackstone Accelerates Growth and the University of Maine. UMaine organizes and hosts a Bangor region class and has also developed curriculum to support the statewide program. More information about Top Gun is online. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** My name is Katherine Quinn from Cornville, Maine. I am the proprietor of Ass Over Teakettle Bloody Mary Mix. I was at the Harvest Festival in Bangor at a booth, and Twenty 2 Vodka grabbed our mix and started serving it at their booth. He's like, "Oh my God, you have to do this program." The program has been great because it's a class, but it's not a class. The resources you gain, the connections, the mentoring, and that kind of stuff was really cool. Just having people take time out of their day. Kind of a big deal people, to help me for no other reason but to just be there. I think that was the most important part. This has definitely helped me focus a lot more on setting goals. It's like, "OK, I can be a bigger company. I can hire people. I can buy my own facility." It makes you answer sometimes the questions you don't really want to answer, or you don't know how to answer. That was very important because you can't grow or go anywhere without answering those questions. Ass Over Teakettle. Better than a poke in the eye. [Back to article](#)

Learn to ferment, boil, preserve the harvest

23 Sep 2015

The University of Maine Cooperative Extension in Cumberland County is offering five different "Preserving the Harvest" workshops from Kennebec to York county in October. UMaine Extension staff and volunteers will teach participants hands-on, USDA-recommended food preservation methods. Attendees will make samples to take home. Fresh produce, canning jars and other canning equipment will be provided. The workshops are:

- Fermenting Vegetables, 2–4 p.m. Oct. 3 at Frinklepod Farm, 244 Log Cabin Road, Arundel; \$20 per person.
- Boiling Water Bath Canning Apple Chutney, 5:30–8:30 p.m. Oct. 14 at Bonny Eagle Middle School, 92 Sokokis Trail, Buxton; \$25 per person.
- Preserving Quick Pickles and Fruit Preserves, 6–8 p.m. Oct. 15 at Whole Foods Market, 2 Somerset St., Portland; \$20 per person.
- All Things Herbs!, 6–8 p.m. Oct. 22 at Lewiston High School, 156 East Ave., Lewiston; \$29 per person.
- Make Your Own Herbal Vinegars, 6–8 p.m. Oct. 26 at Gardiner High School, 40 West Hill Road, Gardiner; \$25 per person.

Registration is [online](#). Workshops will be offered throughout the fall. For more information, or to request a disability accommodation, call 781.6099 or 800.781.6099 (in Maine).

UMaine, St. Joseph Healthcare to host Out of Darkness Community Walk Oct. 4

23 Sep 2015

The University of Maine Counseling Center and St. Joseph Healthcare will host the seventh annual Out of the Darkness

Community Walk on Sunday, Oct. 4. Funds raised from the event will benefit research initiatives of the American Foundation for Suicide Prevention (AFSP). Day-of registration for the noncompetitive 5K walk through campus and surrounding areas will begin at 1 p.m. The walk, which is open to the public, begins at 2 p.m. after an opening ceremony on the Mall in front of Fogler Library. The Orono walk is one of more than 350 Out of the Darkness walks that take place in communities across the country each year. More than 500 people participated in last year's Orono walk which raised more than \$18,000 for the Maine Chapter of AFSP. Funds raised for AFSP also support the online [Touchstone Web Stress & Depression Questionnaire](#), a free and anonymous resource for UMaine students. This year's walk will emphasize awareness of service members and veterans who have been affected by suicide. Walk participants will carry a flower to represent a loved one they have lost. A remembrance ceremony, which was a new feature of the walk last year, will be held along the Stillwater River near the Steam Plant Parking Lot. Guest speakers will include Emily Cain, a UMaine alumna and former state senator from Orono, and Kirk Grant, team leader at the Bangor Vet Center. Other major sponsors for this year's walk include Acadia Hospital, Coca-Cola Bottling Co. of Northern New England and H.O. Bouchard, Inc. Volunteer and [participant registration](#) is online. For more information, call Kelly Shaw at 581.1392.

Buoy data to contribute to aquaculture research, Phys.org reports

23 Sep 2015

[Phys.org](#) carried a University of Maine news release about how UMaine scientists have deployed an ocean-observing buoy at the mouth of the Damariscotta River to help scientists understand how different types and scales of aquaculture can fit into Maine's multi-use working waterfront. The buoy is part of a National Science Foundation's Sustainable Ecological Aquaculture Network (SEANET) project geared to assist the aquaculture sector maintain an environmentally and economically sustainable production path. Professor Neal Pettigrew's Physical Oceanography Group in the School of Marine Sciences will use data to map water circulation at the mouth of the river, and the detailed circulation patterns will be integrated into ecosystem models under the supervision of Damian Brady, assistant research professor at the Darling Marine Center. [Environmental Monitor](#) also reported on the research.

Maine Edge reports on History Department's fall Symposium Series

23 Sep 2015

[The Maine Edge](#) carried a University of Maine news release announcing the UMaine History Department's fall 2015 Symposium Series. The public lecture series kicked off Sept. 21 when UMaine history professor Anne Kelly Knowles delivered the talk, "Telling the Spatial Story of the Holocaust: Finding Humanity in Social Science." On Friday, Oct. 16, Edward Baptist, a professor of history at Cornell University, will speak as part of the series, as well as UMaine's 150th celebration at Homecoming. UMaine history professor Nathan Godfried will close the series on Monday, Dec. 7. All lectures are free and open to the public. For more information, or to request a visitor parking permit or disability accommodation, contact the History Department office at UMhist@maine.edu or 581.1918.

WVII advances screen printing class at UMaine Museum of Art

23 Sep 2015

WVII (Channel 7) reported the University of Maine Museum of Art will host a screen printing workshop from 10 a.m. to 4 p.m. Saturday, Oct. 10 at the museum in downtown Bangor. Screen printing has been used by a variety of artists including Andy Warhol, according to the report. Kat Johnson, the museum's education coordinator, said Annette Dodd will teach the course. Dodd is a co-owner of the Rock and Art Shop and created the "Greetings from Bangor" mural downtown, Johnson said. The class is \$30 for UMMA members, \$50 for others.

Kennebec Journal interviews Moran about state's 'bumper crop' of apples

23 Sep 2015

Renae Moran, a tree fruit specialist with the University of Maine Cooperative Extension, spoke with the [Kennebec](#)

[Journal](#) for the article, “Whitefield, Manchester, Farmington apple growers see ‘bumper crop.’” Orchards throughout central Maine have been open for picking for a couple weeks as their early varieties have come into season, according to the article. “We’re entering the peak harvest right now, when you can expect all the orchards to be open statewide,” Moran said. “Now we’re coming into our best apples — the fall and winter apples. This is when we start to see the sweeter apples ripening up.” Moran said those who visit orchards will find a robust crop of apples that benefited from nearly ideal growing conditions, such as warm weather, a healthy supply of buds and good pollination. “I think one of the things people are going to notice is the abundance of apples,” she said. “It’s what we call a bumper crop.”

WABI reports on business accelerator program

23 Sep 2015

WABI (Channel 5) reported on team-building exercises as part of Scratchpad Accelerator, a new Bangor-based business accelerator program of the University of Maine and Maine Technology Institute (MTI). The initiative helps guide and mentor entrepreneurs as they build their businesses, according to the report. CourseStorm of Orono; Double Blue Analytics of Orono and Brunswick; Tip Whip, LLC of Old Town; and L&K Manufacturing of Bangor have been selected for the pilot program and will receive up to \$25,000 from MTI. As part of the effort, the business leaders took part in outdoor exercises to work together and learn communication skills, the report states.

Jemison speaks with WVII about Orono Community Gardens

23 Sep 2015

John Jemison, a soil and water quality specialist with the University of Maine Cooperative Extension, spoke with WVII (Channel 7) for a report about the Orono Community Gardens. This was the 11th season that Jemison has taught a group of community members how to garden organically, according to the report. “It started when it started because we wanted to get people involved in sustainable food production. And over time for Cooperative Extension, food systems and improving interest in local foods, growing our own local foods has become a very important part of what we do,” Jemison said. The garden produces thousands of pounds of vegetables, so each week during the summer, they bring produce to senior citizens, the report states. “It gets people thinking what can we do with these foods, and it makes it more common to do it, which I think will be beneficial in the end,” Jemison said.

World Ocean Radio program hails CCI, Mayewski

23 Sep 2015

University of Maine researcher Paul Mayewski and the Climate Change Institute are lauded in the recent [World Ocean Radio](#) program “Climate Future Planning.” Host Peter Neill, director of the World Ocean Observatory, hails the work of Mayewski and CCI for creating a “software matrix that relates changes in the environment to plausible, scalable scenarios and plans to meet the needs of the climate future.” The climate, says Mayewski, “impacts and imperils human and ecosystem health, food systems, energy production, the economy, geopolitics, and the future of storms, floods, droughts, wildfires, and other extreme events.” In response, he and CCI researchers, notably Sean Birkel, have designed software that assesses and quantifies climate change, vulnerabilities and opportunities to take form as locale-specific, plausible scenarios. In 2014, the CCI unveiled its online tools — Climate Reanalyzer, 10Green and CLAS Layers — at the Climate Change Adaptation and Sustainability Conference for business people, farmers and community planners. The conference covered a variety of topics, including the northward spread of ticks and rising sea levels. Neill says the CCI and other scientists working to understand, plan and the apply knowledge are the planet’s best hope moving forward to successfully adapt to the climate problems the planet faces. Audio and a transcript of the program are available [online](#). Neill also wrote about Mayewski and the CCI in a related [Huffington Post](#) blog article, “Planning for our climate future.”

\$2M NSF project to use game to engage rural Maine students in computer science, math

23 Sep 2015

Using a popular video game to immerse rural Maine students in computer science and math concepts is the focus of a three-year, \$2 million research project being led by University of Maine researchers. Bruce Segee, the Henry R. and Grace V. Butler Professor of Electrical and Computer Engineering at UMaine, is leading the project that aims to advance efforts of the National Science Foundation's Innovative Technology Experiences for Students and Teachers program to better understand and promote practices to increase the likelihood that students will gain important skills and ultimately pursue careers in science, technology, engineering or mathematics (STEM). NSF awarded \$1,999,695 for the researchers to develop and utilize an educational curriculum for rural middle school children that would engage them with programming, spatial reasoning and problem-solving skills by using Minecraft. The popular open-world game enables players to construct buildings and environments using cubes. "The use of computer games as a mechanism for teaching computer science concepts while also improving the effectiveness of the core curriculum is incredibly exciting," says Segee, who also is the director of the Advanced Computing Group for the University of Maine System. "We believe that we will see an improvement in student learning across multiple areas." "Creating a Virtual Infrastructure for Engaging Rural Youth in STEM Disciplines through Computer Science" represents a collaboration with several Maine middle schools as well as ThoughtSTEM, a San Diego-based computer science education organization. The researchers — Segee and co-principal investigators Craig Mason, a UMaine professor of education, and Stephen Foster, CEO and co-founder of ThoughtSTEM — will develop a curriculum to motivate and teach fifth- to eighth-graders using LearnToMod for Minecraft. LearnToMod is a browser-based software add-on created by ThoughtSTEM that teaches users the basics of programming to create tricks and tools that can be used within Minecraft. The project will look at how using the game both in school and in after-school settings offered through University of Maine Cooperative Extension 4-H influences students' knowledge of math and programming, their interest in STEM careers, and standardized test scores. Starting in 2016, LearnToMod and the accompanying curriculum will be piloted with about 80 4-H participants and 80 in-school participants. Throughout the study, approximately 1,000 students in urban and rural areas will become involved, according to the researchers. The project also will study specific school characteristics such as socioeconomic status, access to resources and existing STEM programs. The researchers will use the variables as predictors of change in teacher behavior, such as the incorporation of computer science into STEM areas. The analyses will focus on student and teacher behaviors, as well as school-level characteristics or demographics, to analyze questions such as "What types of computer programming activities or skills are associated with the greatest change specifically in low-versus-high-income schools?" In addition to UMaine education and computer science researchers, UMaine Extension 4-H and ThoughtSTEM, other partners are the Network Maine, the Maine Department of Education's Maine Learning Technology Initiative (MLTI), and several K-12 schools around the state. Contact: Elyse Kahl, 207.581.3747

UMaine students take part in Habitat for Humanity's 'Brush with Kindness Week'

24 Sep 2015

Students in a University of Maine service-learning class worked with Habitat for Humanity of Greater Bangor to participate in "A Brush with Kindness Week." The week is a nationwide Habitat for Humanity effort to transform neighborhoods by painting, landscaping and providing minor exterior home repairs in partnership with low-income homeowners. The first week was held Sept. 19–26. Local churches, organizations and homeowners in Bangor's West Side Village worked with Habitat for Humanity on Sept. 19 to spruce up two homes. A lunch was provided for volunteers and residents where people could learn more about Habitat for Humanity of Greater Bangor's programs. As part of the event, students in UMaine economics professor Sharon Klein's Building Sustainable Energy Communities Through Service Learning class spoke about the window inserts they are building for \$1 each for low-income households. The window inserts add an extra layer of protection against heat loss in the winter.

Segee named Campus Champion for national science, engineering program

24 Sep 2015

Bruce Segee, the Henry R. and Grace V. Butler Professor of Electrical and Computer Engineering at the University of Maine, has been named a Campus Champion by the Extreme Science and Engineering Discovery Environment (XSEDE). With Segee's inclusion, the Campus Champions program, a collaborative effort between XSEDE and campus representatives to promote the use of cyberinfrastructure in education and research, has reached two new benchmarks:

200 institutions across the United States now participate in the program and all 50 states and all EPSCoR jurisdictions (except Guam) are now represented, according to an XSEDE news release. Segee's research focuses on instrumentation, industrial automation and computer control of machinery. He teaches undergraduate and graduate courses in microprogramming, computer architecture, hardware applications of C, and industrial computer control, according to the release. "HPC [High-performance computing] resources are sort of like a car engine: Researchers should have access to good ones, but the vast majority should not be installing and maintaining their own systems in order to move their research forward," said Segee, who also is the director of the Advanced Computing Group for the University of Maine System. "XSEDE can act as the 'mechanic' in this way. The vast majority of research that uses supercomputers isn't research about supercomputers. XSEDE helps move the domain research forward by lowering the cyberinfrastructure barriers." The Campus Champions program supports campus representatives as a local source of knowledge about XSEDE, as well as other digital services, opportunities and resources. There are now 253 champions at 200 institutions. XSEDE is a virtual system that scientists and engineers around the world can use to interactively share computing resources, data and expertise. The full XSEDE release is online.

VEMI Lab open house Oct. 7

24 Sep 2015

The Virtual Environment and Multimodal Interaction (VEMI) Laboratory at the University of Maine will hold its third annual open house from 4–6 p.m. Wednesday, Oct. 7. The lab, located in Carnegie Hall, is part of the spatial informatics program in the School of Computing and Information Science and houses Maine's only research facility that combines a fully immersive virtual reality installation with augmented reality technologies in an integrated research and development environment. Demonstrations of the lab's latest research and development will be held during the free, family-friendly event. Visitors will be able to interact with and view the emerging virtual and augmented reality technologies that researchers work with daily. Light refreshments will be available. For more information or to request a disability accommodation (Carnegie Hall is not currently wheelchair accessible), contact Richard Corey at 581.2151 or richard.r.corey@maine.edu.

WABI to air broadcasts of two football games, BDN reports

24 Sep 2015

The [Bangor Daily News](#) reported WABI (Channel 5) will televise two University of Maine football games beginning with Saturday's home opener against the University of Rhode Island. The broadcasts were made possible through a contract with the American Sports Network, according to the article. ASN will produce the games and provide the on-air talent for the Sept. 26 game, as well as the Nov. 7 home game against Towson. WABI will produce a half-hour pregame show at 3 p.m. Saturday, the article states. WVII (Channel 7) is televising three home games: Oct. 17 vs. Yale, Oct. 24 vs. Stony Brook and Nov. 14 vs. Elon. NBC Sports Network will air the Oct. 31 game at Villanova.

Silver Duo to perform at Acadia Family Center, media report

24 Sep 2015

The Bangor Daily News and Mount Desert Islander published a news release advancing a concert in Southwest Harbor by The Silver Duo, chamber musicians and University of Maine music professors Noreen and Phillip Silver. Acadia Family Center will present the concert at the home of Dr. Dick Dimond at 2:30 pm Saturday, Oct. 3. Seating is limited, and tickets are \$100. More information is available by calling Acadia Family Center at 244.4012.

UMaine hosting two foreign language teaching assistants, Maine Edge reports

24 Sep 2015

[The Maine Edge](#) carried a University of Maine news release announcing that for the fourth consecutive year, UMaine is hosting two Fulbright Foreign Language Teaching Assistants, one in Mandarin Chinese and the other in Arabic. Ming-Tso Chien of Taiwan and Yahya Mahmoud Elsayed of Egypt have been awarded Fulbright Foreign Language Teaching

Assistant (FLTA) Program grants to serve as teaching assistants in Mandarin and Arabic, respectively, and take courses at UMaine for the 2015–16 academic year.

BDN interviews Brewer about LePage's nomination freeze

24 Sep 2015

Mark Brewer, a political science professor at the University of Maine, spoke with the [Bangor Daily News](#) for the political analysis piece, "LePage's nomination freeze hasn't hogtied government — yet." Gov. Paul LePage's recent move to further delay a round of nominations to Maine boards and commissions has drawn attention to the appointment process, according to the article. Even though government won't come to a halt immediately this way, some say more delay could harm them in the long term, the article states. "I think we can say the longer this goes, the bigger the mess becomes," Brewer said, adding the effect the action will have depends on how long the appointments languish. If it's more than a year, he said, it could be moderate, but if it's the rest of the governor's term, it could be "severe," putting pressure on boards or grinding them to a stop, the article states.

Schmitt speaks about migratory fish on MPBN's 'Maine Calling'

24 Sep 2015

Catherine Schmitt, communications director for Maine Sea Grant College Program at the University of Maine, was a recent guest on [Maine Public Broadcasting Network](#)'s "Maine Calling" radio program. Schmitt, who is a science writer and author of "The President's Salmon," took part in the show that focused on efforts to bring back the populations of salmon and other migratory fish in Maine.

Company founded by UMaine researchers, student to take part in pitch competition, BDN reports

24 Sep 2015

The [Bangor Daily News](#) reported Lobster Unlimited, a company started by University of Maine researchers and an undergraduate, will take part in a business pitch contest hosted by AOL founder Steve Case on Oct. 2. Case announced earlier this year that his investment firm's Rise of the Rest tour would count Portland as a stop, opening a chance for one of eight Maine businesses to win \$100,000, according to the article. Lobster Unlimited LLC aims to develop products from lobster-processing industry waste, such as shells. It is co-owned by recent UMaine graduate Matthew Hodgkin, who was an undergraduate when the company began; Bob Bayer, executive director of the Lobster Institute at UMaine; Cathy Billings, associate director of the Lobster Institute; and Stewart Hardison, a business partner from outside the UMaine community. The company's goal is to get more money to lobstermen and improve Maine's economy. [Mainebiz](#) also published an article on the contest.

Dwyer featured in WAGM segment on managing garden pests

24 Sep 2015

Jim Dwyer, crops specialist with the University of Maine Cooperative Extension, was featured on [WAGM](#) (Channel 8 in Presque Isle) speaking about how to manage garden pests. Dwyer, who surveys area potato fields for weeds, insects and diseases, says UMaine Extension has different traps and programs to alert growers about when certain insects will be in the area, according to the report. He also helps them decide if they should make a pesticide application, the report states. "Ideally what we want to do is save growers money. We want to have as high-a-quality crop as possible, and be as environmentally sound as possible," Dwyer said. He said some pest solutions for growers include using the highest quality seed possible, using pesticides, planting early or late to try to avoid pests, and harvesting as soon as possible.

AP quotes Smith in article on Aroostook County's potato crop

24 Sep 2015

Randy Smith, farm manager of Aroostook Farm, one of five experimental farms operated by the University of Maine, spoke with the Associated Press for a report about Aroostook County's potato crop. Farmers in the county say the amount of rain and sun was perfect this year, as the three-week harvest begins, according to the article. "It's as good as it could ever be hoped for," Smith said of the crop and weather conditions. [The Washington Times](#), [Portland Press Herald](#), [The Telegraph](#) and [The Houston Chronicle](#) carried the AP report. [Mainebiz](#) also cited the AP article.

UMaine Extension offers beekeeping courses

25 Sep 2015

University of Maine Cooperative Extension in Cumberland County will hold two beginner beekeeping courses and one intermediate course at its office at 75 Clearwater Drive, Falmouth. Master Beekeepers Jack Hildreth, Chris Rogers and Peter Richardson, president of the Cumberland County chapter of the Maine State Beekeepers Association, will teach the courses. The intermediate course slated for 6:30–8:30 p.m. Tuesdays from Oct. 6 to Nov. 10 will focus on managing a healthy Maine apiary. The fee of \$140 per person includes a textbook and reference notebook. One beginner course will be offered 6:30–8:30 p.m. Tuesdays from Jan. 5 to Feb. 2, and another will be held at the same time from Feb. 23 to March 22. They are geared for beekeepers with less than a year's experience and those going into their first winter. The fee is \$100 per person and includes a textbook and reference notebook. For more information or to request a disability accommodation, call 781.6099, 800.287.1471 (in Maine). Registration for all beekeeping courses is [online](#).

Maine Business School, Graduate School debut new websites

25 Sep 2015

The University of Maine [Graduate School](#) and [Maine Business School](#) are the latest programs to upgrade to the university's new website template. The new UMaine.edu and related pages debuted in late August. For more information on the UMaine website conversion, contact Mike Kirby at mike.kirby@maine.edu or 581.3744.

Young musicians' national radio show to be recorded at UMaine, Free Press reports

25 Sep 2015

[The Free Press](#) reported "From the Top with Host Christopher O'Riley," a showcase for young musicians that is broadcast weekly on Maine Public Radio, will be recorded live at 3 p.m. Sunday, Oct. 25 at the University of Maine's Collins Center for the Arts. Renowned violinists and American fiddlers Mark and Maggie O'Connor will perform with talented classical musicians, including Devin Adams, a 17-year-old bassoonist from Limerick, Maine. Adams performs in the Portland Youth Symphony Orchestra and the Portland Youth Wind Ensemble and has soloed with the Bangor Symphony Orchestra. Other scheduled performers are: Olivia Marcxx, a 16-year-old cellist from Bellevue, Washington; Nathan Meltzer, a 15-year-old violinist from New York City; and Hae Sue Lee, a 15-year-old violist who lives in Philadelphia. "From the Top" is broadcast on Maine Public Radio at 8 p.m. Sundays; this episode is scheduled to air in December. For tickets and for more information about the live recording, visit the CCA [website](#). [The Maine Edge](#) also reported on the scheduled recording.

Moran quoted in Press Herald report on dry, mild fall weather

25 Sep 2015

Renae Moran, a tree fruit specialist with the University of Maine Cooperative Extension, spoke with the [Portland Press Herald](#) for an article about how Maine's fall foliage season, as well as the peak apple harvest, are at least a week behind schedule because cool temperatures are just starting to arrive. But the current sunny, dry and milder weather appears likely to continue into next week, creating a smooth transition into fall, according to the article. Although some orchards are harvesting crops that ripen earlier, and many pick-your-own farms are open, Moran said she expects the large-scale commercial harvest to be delayed by a week or two. "They're getting sweeter now that we have cooler temperatures," Moran said. "And their color has suddenly become pretty good." She said apple trees tend to have alternately higher-yield and lower-yield years, and most of the state's trees are more bountiful this season.

Brewer speaks with MPBN about possible record number of ballot questions

25 Sep 2015

Mark Brewer, a political science professor at the University of Maine, was interviewed by the [Maine Public Broadcasting Network](#) for a report on how Maine voters could see a record number of ballot questions next November. The citizen initiatives, which range from measures aimed at welfare and tax reform to raising the minimum wage and legalizing marijuana, could affect elections of candidates at both the state and federal level, according to the report. There also could be organized efforts to urge voters not to sign the petitions, as seen in past elections, the report states. “So that fact that you have got something like welfare reform and income tax cut, the fact that it is one question, I think if I had to say someone was going to get a benefit I’m going to go with the Republicans, but I don’t think anyone is going to get a huge benefit,” Brewer said. He said many contests are decided by only a few percentage points, and in legislative races even a small advantage could decide the outcome.

Free Press previews political activist Jim Hightower’s talk

25 Sep 2015

[The Free Press](#) reported social commentator and political activist Jim Hightower will deliver the University of Maine History Department’s 24th annual Howard B. Schonberger Peace and Social Justice Lecture on Oct. 1. The national radio commentator, public speaker and New York Times best-selling author will give the talk, “Twenty-First Century Populist Movements are Flourishing at America’s Grassroots,” at 7:30 p.m. in 100 D.P. Corbett Business Building. The lecture is free and open to the public, with a reception to follow. Earlier in the day, Hightower will speak as part of the Socialist and Marxist Studies Series. He will deliver the lecture, “Corporate Elites and Their Small-Minded Political Servants are Creating the Incredibly Shrinking America,” at 12:30 p.m. in the Bangor Room of the Memorial Union.

Clark quoted in Press Herald article on total eclipse of supermoon

25 Sep 2015

David Clark, a physics lecturer at the University of Maine and member of the Penobscot Valley Star Gazers, spoke with the [Portland Press Herald](#) about the rare total lunar eclipse of a supermoon that will take place Sunday, Sept. 27. The specific eclipse has occurred only five times since 1900 and won’t happen again until 2033, according to the article. Clark’s group will host a public star party at the Bangor Municipal Golf Course, the article states. He said beyond observing the eclipse, the event will provide a great viewing of the moon’s features. “It’s always great to see shadows move across the moon. You get to see the depth sometimes, the height of a mountain,” Clark said.

WABI advances hike to honor fallen service members

25 Sep 2015

WABI (Channel 5) reported a hike and memorial ceremony to honor fallen service members from the University of Maine and surrounding communities will take place Saturday, Sept. 26. The Summit Project (TSP) event will remember service members with a walk from the Maine Veterans’ Home in Bangor to Alford Stadium on the UMaine campus for the military appreciation football game against Rhode Island. As part of the event, hikers will carry engraved TSP memorial stones that have been donated by family members to represent their fallen loved ones. Members of the public are welcome to observe the event along the route, on campus or at the football game. The 8-mile walk begins at 9 a.m. and is expected to take about three hours. Spectators who wish to walk with the hikers may join the group starting in downtown Orono along Route 2 around 11:30 a.m. A memorial ceremony will take place at 1 p.m. on the steps of Fogler Library.

DMC scientist: Sea slug sniffs out seaweed’s chemicals, then stalks its prey

25 Sep 2015

An underwater sea slug has evolved chemical foraging and defense abilities that are functionally identical to those of terrestrial insects, despite being unrelated to their land-based counterparts and living in vastly different habitats for 400 million years. “Specialized herbivores on land and sea appear to make a living in similar ways,” says University of Maine researcher Doug Rasher, whose team’s findings have been published in the journal “Proceedings of the National Academy of Sciences.” In seagrass beds off the Florida Keys, the sea slug *Elysia tuca* hunts its prey, the seaweed *Halimeda incrassata*, by honing in on chemical cues the seaweed emits, says the postdoctoral research associate at the Darling Marine Center. The sea slug tracks 4-hydroxybenzoic acid released by seaweed. After locating the seaweed, the slug punctures it with its saw-like radula and sucks out chloroplasts. Since chloroplasts continue photosynthesis inside the slug, the slug becomes solar-powered, or uses light as an energy source. This discovery is believed to be the first time an herbivore’s foraging cues have been identified in a marine ecosystem. Rasher also discovered the sea slug preferentially attacks reproducing seaweeds by sniffing out the chemical halimeda-tetraacetate, a toxin the seaweed produces to ward off large generalist herbivores. The chemical, though, is not toxic to the specialized slug. Instead, Rasher says the slug steals the toxin in order to defend itself against its own predators. “The recent PNAS paper by Rasher and others demonstrate that from an evolutionary perspective, it pays to steal,” says UMaine marine scientist Bob Steneck. “A sea slug seeks out and eats a toxic seaweed. It uses the seaweed’s toxins to deter its predators and obtains energy from the plants solar-powered chloroplasts. Who says there’s no free lunch? The sea slug’s lunch is not only free — it generates metabolic power for them via photosynthesis.” Such chemical interactions are well documented in terrestrial plant-herbivore interactions. In the 1960s, for instance, medical scientist Paul Ehrlich described plant-herbivore coevolution in which caterpillars preferentially ate highly toxic plants to make themselves distasteful for predatory birds. “It’s really impressive that hordes of *Elysia* are able to rapidly sniff out and swarm reproductive seaweeds, considering *Halimeda* reproduction is rare, patchy and only 36 hours long,” says Rasher, who was a doctoral candidate at the Georgia Institute of Technology when he made these discoveries. Rasher says the gametes on reproductive seaweeds contain high levels of both chloroplasts and toxins — ripe for the taking — and that is likely why the sea slug preferentially seeks out reproductive seaweeds. The team also learned that although *Elysia* is small and eats slowly, its feeding reduces the growth of *Halimeda* by about 50 percent and causes the seaweed to drop its calcified branches, apparently to avoid fungal infection and to rid itself of the slug. In light of these findings, Rasher says, “The grazing impacts of this small, camouflaged herbivore went previously unnoticed, but they appear very important because *Elysia*’s prey helps to create seagrass habitats and the sediments that accumulate in them.” Rasher conducted research for the paper “Marine and terrestrial herbivores display convergent chemical ecology despite 400 million years of independent evolution” with E. Paige Stout, Sebastian Engel, Tonya L. Shearer, Julia Kubanek and Mark E. Hay, also from the Georgia Institute of Technology. Last year, he won the prestigious Mercer Award for publishing an outstanding ecological research paper before the age of 40. In winning the award, Rasher joined influential scientists, and some of his role models — E.O. Wilson, Jane Lubchenco, Robert MacArthur and Joseph Connell — as a recipient. Contact: Beth Staples, 207.581.3777

Paleoanthropologist to discuss origins of human cognition

25 Sep 2015



Learn how modern humans acquired a unique style of thinking and came to dominate the planet while other human species went extinct. Ian Tattersall will deliver a free, public lecture, “We Are What We Think: The Origins of Modern Human Cognition,” at 7 p.m. Monday, Oct. 5, in Hutchins Hall at the Collins Center for the Arts at the University of Maine. The paleoanthropologist — he uses fossils and artifacts to study origins and predecessors of anatomically modern humans — is curator emeritus at the American Museum of Natural History in New York City. “New scientific discoveries regularly shape our understanding of the origins of modern humans — the story of us,” says Gregory Zaro, UMaine associate professor of anthropology and climate change. “Tattersall is an engaging speaker with a knack for articulating that story in an exciting and accessible way.” Tattersall’s field research has led him to Madagascar, Sudan, Yemen, Vietnam, the Comoro Islands, Suriname and Borneo. He also has authored more than a dozen books, including “The Strange Case of the Rickety Cossack: and Other Cautionary Tales from Human Evolution.” As curator, several of his exhibits included *Ancestors: Four Million Years of Humanity* (1984); *Hall of Human Biology and Evolution* (1993); and *Hall of Human Origins* (2007). Born in England and raised in East Africa, Tattersall studied archaeology and anthropology at the University of Cambridge and geology and vertebrate paleontology at Yale University. The lecture, held in conjunction with Maine Archaeology Month, is sponsored by the Hudson Museum, UMaine Anthropology Department, the Climate Change Institute and the Honor Society of Phi Kappa Phi. Contact: Beth Staples, 207.581.3777

Researchers receive \$1 million to boost organic grain production in Maine

25 Sep 2015

Researchers at the University of Maine have received a \$1 million federal grant from the U.S Department of Agriculture to continue their efforts in boosting organic grain production in northern New England. “We are very excited by this

new USDA award in that it recognizes the impact of the work we've done with farmers, millers and bakers with our prior grant to build a local, organic bread wheat economy in our region," Ellen Mallory, University of Maine Cooperative Extension specialist and associate professor of sustainable agriculture at UMaine, says. The grant — which will be shared with researchers at the University of Vermont — will provide the needed support to expand the local organic grain sector to include other grains including oats, barley, rye and spelt. The project is aimed to help farmers combat critical constraints in organic grain production by designing robust weed and disease management strategies, establishing efficient legume green manure systems and expanding social networks within their communities. The researchers will work to develop and evaluate sowing and hoeing equipment and rotation budgeting tools to help farmers reduce production risks. This is one of many collaborative projects Mallory and her UMaine colleagues have conducted with the University of Vermont to advance local grain production, processing and use in the region. "By working together, we are able to test varieties and production methods over more sites, or in some cases divide up research questions that need addressing. The results are relevant to everyone in the region. As well, we hope to connect the farmers and grain-based business across states," says Mallory. For the current project, UMaine will receive 60 percent of funds as the lead institution. Though New England has excelled in developing organic dairy and vegetable sectors, it lags behind other regions for organic grain production, says Mallory. However, she notes that the recent increase in organic wheat production in Maine and Vermont — from 125 hectares in 2008 to 700 hectares in 2013 — demonstrates New England's potential for growth. Mallory's research will focus on optimizing green manure systems for organic grain production by evaluating different legume species and legume/grass mixtures for their ability to produce nitrogen to support the growth of grain crops. She will then compare different green manure termination methods to see how the timing of nitrogen release matches up with crops needs. The project also will address weed management, with weeds being a critical production challenge for organic grain farmers who are not allowed to use synthetic herbicides. Insufficient weed control not only reduces grain crop yields directly, it also discourages farmers from growing certain crops that can provide much needed rotational diversity, including soybean, field peas and canola. Eric Gallandt, professor of weed ecology and management at UMaine, will lead the project efforts to evaluate different planting and cultivation methods from northern Europe that may provide more reliable weed control. He will work with an agricultural engineer from UVM to create designs for how farmers can adapt their existing equipment to utilize these methods. Another important constraint the researchers will address is leaf- and seed-borne diseases, which is a serious threat to long-term organic grain production. Heather Darby, the project leader from UVM, will oversee a region-wide survey to identify the most prevalent disease pressures on organic farms. She will test organically approved treatments for head blight, *Fusarium*, a disease that causes problems in New England. To create a regional organic grain economy, the team will work to strengthen knowledge, skills and networks among farmers, processors, end-users and educators. Winter workshops, field days and farm tours will provide learning and networking opportunities within each state. The grant also will support farmer exchanges and video conferencing between Maine and Vermont, as well as with counterparts in neighboring Canadian provinces. The project, titled "Innovative Sowing, Cultivation, and Rotation Strategies to Address Weed, Fertility, and Disease Challenges in Organic Food and Feed Grains," involves nine researchers from UMaine and UVM and will span four years. Contact: Amanda Clark, 207.581.3721

UMaine researchers receive NSF award to improve sensor data collection, analysis

25 Sep 2015

Two University of Maine researchers have received a \$500,000 National Science Foundation award to advance scientists' ability to analyze massive data samples collected by real-time sensors. Today, sensors are only capable of taking samples at discrete points in space, such as taking hundreds of individual photographs. Often times, the data has to be physically retrieved on a memory card or SD card from the research site, which can be time-consuming and inconvenient. The age of sensor data collection is moving toward collecting data in real-time, which can be thought of as a video — a stream of images strung together, continuously updating in the blink of an eye. Real-time sensors can bring in 20,000 new samples every few seconds, dramatically enhancing the scope of data available to scientists. "You can do your science faster and better without having to worry about the cumbersome technical aspects of collecting and integrating data. The information system can do that part for you," says Silvia Nittel, professor in the School of Computing and Information Science at UMaine. The project involves the use of fields — commonly used in mathematics and physics — which is a new abstraction for geographic information systems that can be used to model a broad range of environmental phenomenon, such as air pollution, smog levels, pollen distribution, toxic chemical plumes and humidity. "The nice thing about a field is that it is a very simple concept, but it can work for anything. You

are not restricted to one application,” says Nittel. The project will integrate fields and data streams mathematically to make mapping between the two easier and more accurate. A large aspect of the project is dealing with computational challenges related to processing data that is updated every second and transforming the data into fields to be analyzed. Nittel’s team created software to help a computer keep up with 20,000 new data samples updating every few seconds. The innovative computational framework complements the field data model, allowing researchers to analyze fields with just the click of a button. “Then you can say, ‘Show me the visual representations.’ And there it is,” says Nittel. The researchers hope that by extending sensor data streams to fields, scientists can work with high-level abstractions to evaluate extreme weather events, environmental disasters and chemical accidents quickly and accurately. The applications for the new technology are seemingly limitless. “That is what we try to do in computer science, we try to come up with something like the Google search engine. Anyone can search for anything, there is one mechanism behind it,” says Nittel. “It doesn’t matter if you’re looking for sports news, world politics, research or places to go out. It’s just one concept behind it. With the field, it’s very similar.” The technology could help UMaine scientists in forestry, ecology and marine science make the most of the data collected by limited numbers of large, expensive sensors. Though mathematically complicated, the new information system will make data analysis and collection much more convenient for the user, says Nittel. “We think it is very convenient for people that have to deal with data sensor streams to have something like a field to help interpret the data,” she says. “The concept of fields is also applicable for data that is not real-time, but in this project we specifically address the computational challenges posed through the rapid arrival of data through real-time streams and instant analysis based on fields.” The UMaine group works in collaboration with researchers at the University of New York at Buffalo, using their data to test the modeling techniques to see if the new system is user-friendly, efficient and accurate. This summer, the researchers tested the system at Cherryfield Farm, where they deployed a soil moisture sensor network around the blueberry barrens to collect readings in real-time to evaluate the efficiency of the farm’s automated irrigation system. This type of data analysis could be especially useful in areas such as California, where water availability is a growing concern, says Nittel. The project, titled “*III: Small: From Real-Time Sensor Data Streams to Continuous Field Data Models: Formal Foundations and Computational Challenges*,” is under the direction of Nittel and Max Egenhofer, professor in the School of Computing and Information Science at UMaine. For more information, or to view results, visit the project website. Contact: Amanda Clark, 207.581.3721

Leadership of PERL faculty, alumni recognized in physics education journal

28 Sep 2015

In September, Physical Review, one of the premier physics journals, with a specific journal for physics education research, published a "focused collection" of articles focused on upper-division physics courses. UMaine is a leader in physics education research as it relates to upper-division physics courses. The university's nationally recognized leadership in education research, particularly in physics, is key to UMaine's Signature Area of Excellence in STEM education. Three of the 19 articles published Sept. 23 are authored by members of the UMaine Physics Education Research Laboratory (PERL)— John Thompson, Don Mountcastle and Michael Wittmann. Three other articles are authored by PERL alumni — Ellie Sayre, MST '05, Ph.D. '08; Rabindra Bajracharya, MST '12, Ph.D. '13.

Academic Affairs Faculty Forum Oct. 5

28 Sep 2015

Provost Jeffrey Hecker will lead the first Academic Affairs Faculty Forum of 2015–16 from 3–4:30 p.m. Monday, Oct. 5 in the Bodwell Lounge, Collins Center for the Arts. Over the last two academic years, the Provost’s Office, in collaboration with the Faculty Senate leadership, has held a series of Academic Affairs Faculty Forums. The forums are designed to create a venue for meaningful sharing of ideas about important initiatives in Academic Affairs. Collaboration between the faculty and administration of the university is essential if we are to advance toward our strategic goals. The tradition will continue this year. The first of the Academic Affairs Faculty Forums for 2015–16 will focus on the first-year implementation activities from the Provost’s Action Plan on Retention and Graduation, including the “Think 30” initiative. Additionally, Provost Hecker will share updates on the University of Maine System’s “One University for all of Maine” initiative, especially as they relate to Academic Affairs. More information is on the Provost’s [website](#). After each forum, relevant materials will be posted online along with a space where faculty members

can submit reactions, comments or questions generated by the forum.

Football 101 workshop featured on WLBZ

28 Sep 2015

In light of the University of Maine Black Bears playing their first home football game on Saturday, WLBZ (Channel 2) featured a segment on a free Football 101 for Women workshop offered earlier in September by UMaine football coach Jack Cosgrove.

Brewer talks with MPBN about House Speaker John Boehner's resignation

28 Sep 2015

Mark Brewer, a political science professor at the University of Maine, spoke with the [Maine Public Broadcasting Network](#) for a report about reactions from Maine's Congressional District in response to House Speaker John Boehner's resignation announcement. U.S. Rep. Chellie Pingree said while there had been talk about Boehner being challenged by members of his caucus and rumors that that he might not run for re-election next year, everybody was surprised at his announcement, according to the report. She said she expects Congress will pass a clean continuing resolution (CR) to keep the federal government operating while budget talks continue. "In terms of getting a clean CR passed, I think this increases the chance of that," Brewer said. "This means that speaker Boehner is — I don't want to say completely unfettered — but relatively unfettered moving forward." However, Brewer and Pingree said a shutdown is still possible, with only a few days to get a short-term funding bill approved once Congress returns to Washington on Monday, the article states. The [Bangor Daily News](#) also carried the MPBN report.

Agrrawal quoted in Sun Journal piece about Verso stock

28 Sep 2015

Pankaj Agrrawal, associate professor of finance at the University of Maine, was quoted in a [Sun Journal](#) article about shares of Verso Corp.'s stock dropping as low as 7 cents Friday. Verso earlier announced it would eliminate 300 jobs at the Androscoggin Mill in Jay this winter and when Verso's stock dropped to 15 cents a share Sept. 21, the New York Stock Exchange started taking steps to delist the stock because it didn't meet listing criteria. Agrrawal said Verso being traded on the over-the-counter market would introduce additional volatility. "You become a penny stock, and then the type of people that invest in you, they're sort of speculators as opposed to investors who are true long-term buy and hold (investors)," he was quoted in the article. "I think the company should call an annual shareholders meeting and ask (whether to pursue that). You have to make a choice: Bankruptcy is going to unleash certain things, but it brings with it certain protections."

Fast Company interviews Ippolito for report on digital art curation

28 Sep 2015

Jon Ippolito, a new media professor at the University of Maine, was quoted in the [Fast Company](#) article, "From Cory Arcangel to 'Pac-Man': How digital art curators save vintage data and hardware." New media art has become popular enough with collectors to sell for thousands of dollars and digital art is often seen as a way to interest younger generations in art museums, according to the article. But without effective conservation techniques, it's hard to know if the artworks will survive long enough for collectors and future museum visitors to appreciate, the article states. "There is nothing to indicate that somehow this process is slowing down and maybe becoming stable," Ippolito said. "If anything, they're becoming more unstable, and the conservators are just racing to find ways to capture them."

Ranco quoted in Yale Environment 360 article on revival of native foods, lands

28 Sep 2015

Darren Ranco, an anthropology professor and director of Native American Research at the University of Maine, was quoted in a [Yale Environment 360](#) article on a growing trend by Native Americans to bring back traditional food sources and improve damaged landscapes. “There has been a new movement by indigenous people to restore tribal lands and resources,” said Ranco, a member of the Penobscot Nation. “There’s also been a reimagined focus on food and food sovereignty.” The movement was aided by 1970s court decisions increasing tribal resource rights, a 1980s expansion of environmental quality legislation, and an infusion of money after Indian gaming was legalized in 1988, according to the article. Now, a new generation of Native American scientists, attorneys and politically savvy advocates are joining government and conservation coalitions and procuring grants, the article states. “That’s brought some really important solutions to the table that probably weren’t there before,” Ranco said. “The Western tradition was continually marginalizing indigenous knowledge and values, and no longer is that happening. At least it’s not happening as much.” [The Christian Science Monitor](#) also published the report.

USA Today speaks with Day about delay of fall foliage season

28 Sep 2015

Michael Day, an associate research professor of tree physiology and physiological ecology at the University of Maine, spoke with [USA Today](#) for the article, “Fall foliage season delayed by record warmth.” One of the warmest Septembers on record is delaying fall foliage in many parts of the country, according to the article. Vibrant fall colors occur when three factors come together: the days get shorter, dry weather prevails and the temperature drops, Day said, adding that all that’s left in the Northeast is a cool snap. “To be honest, global warming has ‘confused’ trees in recent years, as has lower predictability of late-summer dry spells,” Day said. Even with the delay, Day said he predicts an “above-average foliage display” in Maine this year.

Media cover hike to remember fallen service members

28 Sep 2015

The [Bangor Daily News](#), WABI (Channel 5) and WVII (Channel 7) covered a hike and memorial ceremony to honor fallen service members from the University of Maine and surrounding communities. On Saturday, 35 hikers carrying 25 stones walked more than seven miles from the Maine Veterans Home in Bangor to UMaine, stopping along the way at the Korean War Memorial at Mount Hope Cemetery, according to the BDN. As part of The Summit Project event, hikers carried engraved memorial stones donated by family members to represent their fallen loved ones. Five former UMaine students, along with 20 other Mainers who served in the military, were remembered during a ceremony that was held outside Fogler Library as part of the event. WGME (Channel 13 in Portland) carried the BDN report.

Wall Street Journal interviews Kaye for article on caring for seniors at home

28 Sep 2015

Len Kaye, director of the University of Maine Center on Aging and professor in the UMaine School of Social Work, was quoted in the [Wall Street Journal](#) article, “Communities struggle to care for elderly, alone at home.” Maine — the grayest, most rural state in the U.S. — is among the first states to experience challenges from a growing number of seniors who are “aging in place” or remaining independent rather than relocating to nursing homes or moving in with family members, according to the article. “It’s a huge issue — it couldn’t be bigger,” Kaye said. “Ninety-nine percent of older adults say they want to stay right where they are until they’ve taken their last breath, but that doesn’t mean they are continuing to remain safe and remain well.”

AP quotes Wahle in report on concern over increase in black sea bass

28 Sep 2015

Rick Wahle, a University of Maine research professor at the Darling Marine Center, spoke with the Associated Press for a report about the increase in black sea bass off Maine and New Hampshire as ocean temperatures rise. The sea bass, which prey on lobsters, have some fishermen and lobstermen concerned over the effect on the lobster industry,

according to the article. Wahle said growing black sea bass populations off New England could be a threat to lobsters. He said the traditional predator of New England's lobsters — the Atlantic cod — is imperiled and black sea bass could fill that void. "It might even fill the role of some of the native ground fish that have been depleted," Wahle said, noting that lobsters face other dangers as waters warm, including shell disease. "It's not the only threat coming from the south," he said. [ABC News](#), [The Telegraph](#), [Redwood Times](#), [Portland Press Herald](#) and [Sun Journal](#) carried the AP report.

Hannah Morgan: Exploring bioengineering

29 Sep 2015

When Hannah Morgan, third-year bioengineering student at the University of Maine, was in 8th grade, she attended an event at UMaine that introduced her to the field of engineering. She was hooked. When she came to tour UMaine's bioengineering department the summer before her senior year of high school, she knew her decision was made. "I met with Dr. David Neivandt and after viewing the labs and learning about the program I knew I had found what I wanted to study," said Morgan. "I particularly liked that UMaine's bioengineering program was broader than biomedical engineering at other schools." Morgan is currently participating in an 8-month co-op at Instrumentation Laboratory — a company that makes diagnostic instruments for critical care and hemostasis — located in Bedford, Massachusetts. She is working in the Systems Engineering department, doing development work on a new diagnostic instrument. "I am enjoying my co-op and it has opened my eyes to a path in systems engineering that I knew very little about. I still am unsure exactly what I want to do, but I know that my co-op is the first step in determining my career goals." Bioengineering students at UMaine have the opportunity to participate in a "Co-Op" program during their third year, which involves two fourteen-week sessions of paid, supervised professional experience working as a junior engineer. "This experience will give me the opportunity to see what it's like to work as an engineer and to find out where my interests and passions lie," said Morgan. Morgan is actively involved in the university's chapter of the Society of Women Engineers (SWE) and served as the co-chair of the Outreach and Formal committee last year. She helped plan events within the community to spread knowledge about STEM (science, technology, engineering and mathematics) disciplines to students of all ages, with an emphasis on educating young girls. SWE hosts fundraisers to raise money to send members of the club to development conferences each year. Morgan is also a member of the Bioengineering Club at UMaine, which gives students the opportunity to explore the discipline and participate in career development conferences, lectures, job fairs and events. "Choosing UMaine has positively influenced my life by providing me with an environment where I can grow into a professional and develop my interests," said Morgan. Hailing from Gardiner, Maine, Morgan is expected to graduate in spring 2017. After graduation, she plans to enter the workforce to develop medical technology.

UMaine baseball, Bangor department team up for Fire Prevention Week

29 Sep 2015

The University of Maine baseball team is partnering with the Bangor Fire Department for Fire Prevention Week Oct. 4–10. The team will kick off the week Oct. 4 with a donation box at the Bangor Fire Department, 289 Main Street in Bangor. From 10 a.m. to 2 p.m., visitors can meet the baseball team and learn about fire prevention tips. Proceeds will go to the Bangor Fire Department's Fire Prevention Bureau. From 3:30–4:30 p.m. Oct. 7, the UMaine and Husson University baseball teams will hold a free youth clinic at 14th Street field across from Mansfield Stadium in Bangor. Children will learn skills from UMaine coaches and players and can also explore the Bangor Fire Department's trucks. After the clinic, participants can watch UMaine take on Husson at Mansfield Stadium starting at 5:30 p.m. Admission is \$5 and children who are 12 and under or attend the clinic get in free.

School of Forest Resources, U.S. Forest Service to host seminar by professional counselor

29 Sep 2015

The University of Maine's School of Forest Resources and the U.S. Forest Service will host a seminar as part of a program to improve retention and career transition of multicultural students within forestry and related fields.

Professional counselor and professor Caroline Brackette will deliver “Intercultural Competence: A Discourse on Awareness, Knowledge and Skills” from noon to 1 p.m. Oct. 5 in 107 Norman Smith Hall. The talk is free and open to the public. A live feed of the seminar will be available to U.S. Forest Service employees and may be available for others upon request. Brackette is a professor of counselor education at Mercer University in Georgia, a licensed professional counselor and a certified school counselor in Georgia and Ohio. She has experience as an administrator in higher education, a clinical mental health therapist and a high school counselor. Brackette’s visit is related to a larger effort between the School of Forest Resources and the U.S. Forest Service that aims to enhance multicultural student retention and development in natural resource programs at UMaine. Organizers of the effort in the School of Forest Resources and Native American Studies Program say they believe Brackette, an expert on cultural competency training, will help with the initiative. For more information about Brackette’s talk or to request a disability accommodation or access to the live feed, contact Shannon Field at 581.2887 or shannon.field@maine.edu.

Resource economist to deliver Geddes W. Simpson Lecture

29 Sep 2015

Resource economist Mark W. Anderson will speak about the state of human society in the 21st century during the 14th annual Geddes W. Simpson Lecture. The senior instructor emeritus in the University of Maine’s School of Economics will deliver “Open season on chickadees: A field guide to Anthropocene” at 3:30 p.m. Monday, Oct. 5 in the McIntire Room of the Buchanan Alumni House on the UMaine campus. The talk is free and open to the public. Anderson will draw on lessons from Big History and the science of global change to propose a “field guide” to help humans navigate the new epoch of the Anthropocene. The Anthropocene relates to the current geological age and is viewed as the period during which human activity has been the dominant influence on climate and the environment. In 2001, Simpson’s family established the Geddes W. Simpson Lecture Fund at the University of Maine Foundation. Simpson was a well-respected faculty member whose 55-year career in the College of Life Sciences and the Maine Agricultural Experiment Station began in 1931. He chaired the Entomology Department from 1954 until his retirement in 1974. The lecture was established to support a series that highlights speakers who have provided significant insight into the area where science and history intersect. A reception will follow Anderson’s lecture.

Now Live — UMaine’s Winter Session website

29 Sep 2015

UMaine has launched its first completely online Winter Session, Dec. 28–Jan. 15. Registration begins Oct. 26 for the 20 three-week courses, including a number in high demand to fulfill general education requirements. Winter Session is part of the [Think 30](#) initiative that encourages students to take 30 credits per year to graduate in four years, saving time and reducing student loan debt. More information about Winter Session is [online](#).

Science, politics focus of Mitchell Sustainability Lecture

30 Sep 2015

The intersection of science and politics will be the focus of the 2015 Senator George J. Mitchell Lecture on Sustainability at the University of Maine on Oct. 15. “When Science Meets Politics: Symphony or Slugfest?” will be presented by University of Colorado professor and author Roger Pielke Jr., at 1 p.m. in Hauck Auditorium. The event will include remarks by Sen. George J. Mitchell and will be followed by a reception in the Collins Center for the Arts. The Mitchell Lecture on Sustainability, sponsored by UMaine’s Senator George J. Mitchell Center for Sustainability Solutions, is free and open to the public. Tickets are available [online](#). For more information or to request a disability accommodation, call 581.3196. In an age of controversies in the media — from Deflategate in NFL football to the GMO debate — the role of expertise in decision making has proven challenging. Perhaps foremost among these is the 2015 United Nations Climate Change Conference, which will continue international negotiations on climate change, a generational challenge where progress has proven difficult. In his lecture, Pielke will take a critical look at the contested terrain where science and politics meet. He has long studied this terrain and occasionally found himself embroiled in it. Pielke will argue that science and expertise are essential to good decision making. In particular, he will argue that better

decision making requires more honest brokers in political debates and less partisanship played out through science. For politicians and experts alike, there are strong incentives against such honest brokering, Pielke says. However, better decision making requires that we better connect science and politics, and Pielke offers a hopeful message about how this might be done. Pielke is a professor in the Environmental Studies Program and a fellow of the Cooperative Institute for Research in Environmental Sciences at the University of Colorado. His research focuses on science, innovation and politics. In 2012, he was awarded an honorary doctorate from Linköping University in Sweden and was also awarded the Public Service Award of the Geological Society of America. Before joining the faculty of the University of Colorado, Roger was a scientist at the National Center for Atmospheric Research. He is author, co-author or co-editor of seven books, including “The Honest Broker: Making Sense of Science in Policy and Politics” and “The Climate Fix: What Scientists and Politicians Won’t Tell you About Global Warming.” His most recent book is “Rightful Place of Science: Disasters and Climate Change.” Launched in 2007, the Senator George J. Mitchell Lecture on Sustainability serves as an extraordinary forum in which the university community, the general public, and many others can learn from and interact with some of the world’s leading thinkers about the challenges and opportunities involved in accelerating the transition to a sustainable world. Sharing the stage with these extraordinary thought leaders, Sen. Mitchell offers his compelling insights about the importance of sustainable development, a subject he first addressed in his 1991 book, “World on Fire: Saving an Endangered Earth.” Contact: David Hart, 207.581.3257

Scarborough Leader cites Sea Grant statistics in article on invasive algae

29 Sep 2015

The Maine Sea Grant College Program at the University of Maine was mentioned in a [Scarborough Leader](#) article about invasive red algae on Pine Point Beach. A resident of Pine Point told councilors that over the last three years the red algae seaweed has been plaguing the beach, according to the article. She said the seaweed, which may be *Heterosiphonia japonica*, is native to Japan and has been transported to the United States on ship hulls, the article states. According to Maine Sea Grant, the seaweed was first detected stateside in Rhode Island in 2007 and came to Europe in the mid-1980s.

Sun Journal reports on webinar for veterans interested in farming

29 Sep 2015

The [Sun Journal](#) reported the University of Maine Cooperative Extension Crop Insurance and Risk Management program announced a new webinar, “Crop Insurance 101 for Beginning Farmers who are Military Veterans.” The webinar introduces crop insurance as a risk-management tool, and how to navigate options and new incentives for beginning farmers. The program aims to educate farmers about crop protection options and provide risk assessment and business management skills to help improve farm profitability and reduce risk. The webinar and more information is [online](#).

Maine Edge advances Out of Darkness Community Walk

29 Sep 2015

[The Maine Edge](#) carried a University of Maine news release about the seventh annual Out of the Darkness Community Walk to be held Sunday, Oct. 4. The UMaine Counseling Center and St. Joseph Healthcare will host the noncompetitive 5K walk through campus and surrounding areas. Funds raised from the event will benefit research initiatives of the American Foundation for Suicide Prevention (AFSP). The Orono walk is one of more than 350 Out of the Darkness walks that take place in communities across the country each year. More than 500 people participated in last year’s Orono walk which raised more than \$18,000 for the Maine Chapter of AFSP. Healthcare Industry Today also carried the release.

Dill speaks with MPBN about resistant head lice

29 Sep 2015

Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, spoke with the Maine Public Broadcasting Network for a report about how some standard head lice treatments aren't killing the pests. A recent study found lice in 25 states, including Maine, have developed resistance to the chemicals commonly found in over-the-counter lice treatments, according to the report. Dill said when lice started encountering large quantities of DDT around World War II, many were killed, but those that weren't developed mutations that made them more efficient chemical processors. While DDT is no longer used, the standard treatment is an insecticide called permethrin, the report states. "The breakdown mechanism is very similar," Dill said. "So even though you have two very dissimilar chemicals, the chemical that breaks it down within the body of the lice is the same, and it's a very similar breakdown."

Media report on \$2M project to study Minecraft's effect on interest in STEM

29 Sep 2015

The [Bangor Daily News](#) and [The Maine Edge](#) reported on a three-year, \$2 million research project being led by University of Maine researchers that will use a popular video game to immerse rural Maine students in computer science and math concepts. Bruce Segee, the Henry R. and Grace V. Butler Professor of Electrical and Computer Engineering at UMaine, is leading the National Science Foundation project to better understand and promote practices to increase the likelihood that students will gain important skills and ultimately pursue careers in science, technology, engineering or mathematics (STEM). NSF awarded \$1,999,695 for the researchers to develop and utilize an educational curriculum for rural middle school children that would engage them with programming, spatial reasoning and problem-solving skills by using Minecraft. "The use of computer games as a mechanism for teaching computer science concepts while also improving the effectiveness of the core curriculum is incredibly exciting," Segee said. "We believe that we will see an improvement in student learning across multiple areas."

WABI interviews Bromley about Antarctic, climate change research

29 Sep 2015

University of Maine geologist Gordon Bromley spoke with WABI (Channel 5) about his upcoming research expedition to Antarctica. Bromley will study how Earth's largest ice sheet — the East Antarctic Ice Sheet — has responded during past times of global warming to learn about how it may respond in the future to human-caused climate change. If the sheet melts, sea level around the planet could rise about 180 feet (55 meters), displacing millions of people and dramatically changing coastlines. "If this ice sheet were to collapse, if it were to begin melting, if sea level were to rise by even a fraction of that 55 meters, then our coastline will change," Bromley said. "It's already changing, and we want to be better prepared to see how much should we expect, how fast we should expect it. If this ice sheet went, it would mean the redrawing of Maine's coastline." The National Science Foundation awarded Bromley \$291,563 for the study.

O'Brien Medical develops podiatry device with UMaine collaboration

29 Sep 2015

<https://youtu.be/UKl-bs0nSF4> [Transcript](#) When podiatrist Dr. Todd O'Brien had an idea for a product that could help his patients, he knew he could come to UMaine's [Advanced Manufacturing Center](#) to turn that idea into a commercial product. O'Brien's invention is the ETF128, an electronic tuning fork which measures sensitivity and sensation loss in the limbs of diabetic patients, thus standardizing a traditional diagnostic technique. In this video, O'Brien talks about the ETF128 and the important roles that UMaine's Advanced Manufacturing Center and the Maine Technology Institute (MTI) played in its development. The EFT128 was named one of the Top 10 innovations in podiatry by Podiatry Today magazine and is now manufactured by Saunders Electronics in South Portland, Maine. O'Brien is the president and founder of O'Brien Medical located Orono Maine. The Advanced Manufacturing Center at the University of Maine manufactures dozens of product prototypes each year for industries, inventors, and small businesses. Equipped with the latest engineering and manufacturing technologies, AMC is a first-class resource facility for Maine's entrepreneurs looking to commercialize their products. To learn more about their services visit umaine.edu/amc/productdevelopment. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** I'm Todd O'Brien. My company is O'Brien Medical. We're located in Orono, Maine.

I'm a podiatrist and, for years, I've been treating diabetics who often develop loss of feeling in their feet. That's diabetic neuropathy. We've always had different screening tests to see how they're doing as far as their sensation is in their feet. We know they're predisposed to having really serious complications, infections, ulcers, amputations. Knowing that the tuning fork has always been the most sensitive test, the vibration test, people are very sensitive to it, that made me start exploring that idea of, what if we had a 21st Century version of that tuning fork by making it electronic, incorporating a timing function, which increases the power of that test. Now, we can log how long a patient actually feels the vibrations for, track that over time, and document it. I looked around for resources to help me actually build a prototype. The first place that I actually ended up coming to was the AMC here at UMaine. With John Belding and James Bryant we, basically, put together a plan to make a proof-of-concept prototype. I got grant money from MTI. I got in contact with Bruce Segee, who is an electrical engineer, computer scientist, on campus. Prototypes were made. We made a batch of 10, sent them out to places around the country, academic medical centers, clinics, individual doctors' practices. The responses were very good. We decided we're going to pull the trigger and make a commercial version of this which is manufacturable at scale, now, and for a cost I can afford. We actually have a contract manufacturing place down in Southern Maine called Saunders Electronics, who makes these for us. The folks here at AMC have been excellent about working with me to come up with the best design and give me what I want functionally and ergonomically. AMC can make prototypes. The staff at the AMC, obviously, John Belding, he knows resources around the state, gave me some names of some people to look at as far as getting specific things done related to the project. It's really a sales and marketing effort, at this point, to build the company and get the product out. [Back to article](#)

Fallen service members from community honored during memorial walk

29 Sep 2015

More than 70 volunteers carried 27 memorial stones over 7.5 miles as part of a hike and memorial ceremony to honor fallen service members from the University of Maine and surrounding communities. On Saturday, Sept. 26, participants of The Summit Project (TSP) event walked from the Maine Veterans Home in Bangor to Alfond Stadium on the UMaine campus for the military appreciation football game, stopping along the way at the Korean War Memorial at Mount Hope Cemetery. Hikers carried engraved memorial stones donated by family members to represent their fallen loved ones. Five former UMaine students, along with other Mainers who served in the military, were remembered during a ceremony that was held outside Fogler Library as part of the event. [SlideDeck2 id=44615] TSP is a nationally recognized, Maine-based service organization, that provides a living memorial to pay tribute to the fallen service members from Maine who have died in the line of duty since Sept. 11, 2001. TSP's mission is to spread the memories of Maine's fallen service members and elevate awareness of the project to communities throughout the state. The stones are now part of a temporary TSP display in the Memorial Room of the Memorial Union. Those who carried stones are encouraged to write about their experience and post messages on the fallen service member's page on The Summit Project [website](#).

Work by School of Economics master's students recognized by USAID, World Learning

29 Sep 2015

Dorina Grezda and Nehat Dobratiqi, two Kosovar students supported by the Transformational Leadership Program — Scholarships and Partnerships (TLP-SP), analyzed data from a survey of Mainers to examine the factors that encourage people's recycling and other environmental behaviors. Professor Mario Teisl, adviser of the students, presented their work at an UNITWIN/UNESCO-sponsored conference on food waste and sustainability in Wisconsin in early September. Grezda and Dobratiqi's contribution to the research was critical. Read more at the USAID [website](#) or watch a video of the conference online.

Learn about on-farm composting to manage animal disease

30 Sep 2015

University of Maine Cooperative Extension and University of Maine Animal and Veterinary Sciences will offer a free program about on-farm composting to manage animal disease and mortalities 3:45–7 p.m. Oct. 7, at Highmoor Farm, 52

U.S. Route 202, Monmouth. UMaine Extension professor Mark Hutchinson, associate professor Robert Causey and graduate student Alexandria Poulin will discuss effects of composting on equine pathogens and antibodies. A mortality composting demonstration will be included and there will be AVS student poster presentations about animal disease and parasite control. To register, for more information, or to request a disability accommodation, contact Melissa Libby at 581.3188, 800.287.0247 (in Maine) or melissa.libby1@maine.edu.

UMaine to host 2015 Maine-Quebec Number Theory Conference

30 Sep 2015

Number theorists and mathematicians from New England and Canada will present research and discuss ideas for future work at the 2015 Maine-Quebec Number Theory Conference Oct. 3–4 in Neville Hall. The conference provides an opportunity for young mathematicians and graduate students to interact with leading scholars. The more than 40 presentations are free and open to the public. A full schedule is online. The event is organized by the University of Maine Department of Mathematics and Statistics, with support from the National Science Foundation and UMaine. In 1998, number theorists at UMaine and Laval University in Quebec founded the Maine-Quebec Number Theory Conference. Since then it has been held annually (with the exception of 2001) on a weekend in early fall, with hosting duties alternating between the universities.

Office of Research & Sponsored Programs communications survey online

30 Sep 2015

The Office of Research & Sponsored Programs' NCURA (National Council of University Research Administrators) Communications Task Force, together with the ORSP Compliance, Analysis & Training group, have developed a survey to aid the development of an improved communications strategy and training program. Members of the UMaine research community are asked to complete the survey, as feedback is important and valuable. The survey should take no more than 5–10 minutes to complete and can be accessed [online](#). It will be available through Oct. 16. For more information, contact Amanda Ashe at amanda.ashe@umit.maine.edu, 581.1480.

Men's hockey Ice Breaker Tournament Oct. 9–10 in Portland

30 Sep 2015

The University of Maine men's ice hockey team drops the puck on the 2015–16 season Oct. 9 and 10 for the Ice Breaker Tournament at Cross Insurance Arena in Portland. The four teams in the tournament, which is presented by Gorham Savings Bank, have won a combined 15 national championships and include 18 players that have been drafted to the NHL. The Ice Breaker begins at 4:30 p.m. Friday, Oct. 9 with Lake Superior State versus North Dakota, followed at 8 p.m. by Maine versus Michigan State. At 4:30 p.m. Saturday, Oct. 10, Lake Superior State takes on Michigan State, followed at 8 p.m. by Maine versus North Dakota. Single-day tickets for two games are \$27, \$17 for UMaine students. Two-day tickets for all four games are \$49. Tickets can be purchased at the Cross Insurance Arena Box Office from 9 a.m. to 4 p.m. Monday through Friday, online or by calling 775.3458. Parties of 20 or more can buy tickets at the group rate of \$17 per ticket. On Oct. 10, Gorham Savings Bank will host the Ice Breaker Block Party, a free and family-friendly celebration before the hockey games featuring live music, food and appearances by former Black Bear hockey stars. More information on the party and tournament is online.

UMMA announces fall after-school arts program, Maine Edge reports

30 Sep 2015

[The Maine Edge](#) reported the University of Maine Museum of Art in downtown Bangor will host an after-school arts program for students in grades three through six from 3:45 to 4:45 p.m. Tuesdays and Thursdays, Oct. 6 through Nov. 19. Workshop participants will be able to play interactive gallery games while exploring the current exhibits and learning about art history, according to the article. Elements and principles of design, as well as learning to use visual art as a means of personal expression will be addressed. Students will have the opportunity to try various approaches to art

using a variety of media, the article states. More information is on the UMMA website.

Moran quoted in Press Herald articles on apples, pears

30 Sep 2015

Renae Moran, a tree fruit specialist with the University of Maine Cooperative Extension, spoke with the Portland Press Herald for articles about Maine's bountiful apple harvest and small Asian pear crop. In an [article](#) about this year's bumper apple crop, Moran said some people may still have apples in July. "People like to see a lot of apples, but [orchards] are going to have to contend with a weaker wholesale market. But it's been a great year for pick-your-own." She said producing an overabundance of fruit does take a lot of energy out of trees, so she expects next year to be a smaller crop with fewer blooms. "We like to have a consistent crop year after year [for market reasons], but for some reason this year the trees produced a huge amount of flowers," Moran said. In the [article](#), "A tiny but delicious crop of Asian pears growing in Maine," Moran said she has tried growing the fruit at UMaine's Agriculture and Forest Experiment Station at Highmoor Farm in Monmouth. This year, she lost most of her trees, which she blames on the tough winter, the article states. "I'm not giving up on Asian pears yet," she said.

Out of Darkness Community Walk participant shares personal story on WABI

30 Sep 2015

Nicole Hogan of Bradley spoke with WABI (Channel 5) about losing her father to suicide when she was 20 years old. In honor of her father who loved to ride motorcycles, and to raise awareness for suicide, Hogan's husband created a tribute motorcycle, painted purple with a suicide ribbon. This Sunday, Hogan will participate in the seventh annual Out of the Darkness Community Walk. The UMaine Counseling Center and St. Joseph Healthcare will host the noncompetitive 5K walk through campus and surrounding areas. Funds raised from the event will benefit research initiatives of the American Foundation for Suicide Prevention (AFSP). The Orono walk is one of more than 350 Out of the Darkness walks that take place in communities across the country each year. More than 500 people participated in last year's Orono walk which raised more than \$18,000 for the Maine Chapter of AFSP.

Neiman, grad student write BDN op-ed on dress code controversy

30 Sep 2015

Elizabeth Nieman, an assistant professor of English and women's, gender, and sexuality studies at the University of Maine, and Elisa Sanse, a UMaine Ph.D. student in history, wrote an opinion piece for the [Bangor Daily News](#) titled, "The Bangor school dress code controversy proves girls are still judged by their appearance." Sanse is taking a practicum on teaching and is assisting in Neiman's introductory women's gender and sexuality course.

Open University Day part of UMaine's 2015 Homecoming, Oct. 16–18

30 Sep 2015

The University of Maine's yearlong celebration of its 150th anniversary continues with [Open University Day](#) Oct. 17, held in conjunction with Homecoming, and Family and Friends Weekend. A list of all public events throughout the weekend, Oct. 16–18, including athletics events, art exhibits, planetarium shows, performances and receptions is available [online](#). "We're extending an invitation to people throughout Maine to join us for these three days of events campuswide," says Dana Humphrey, chair of UMaine's Anniversary Implementation Committee. "This will be a wonderful opportunity to learn about the state's flagship university and how its teaching, research and economic development, and outreach efforts benefit all of Maine." Open University Day, 10 a.m.–3 p.m., Oct. 17, features public tours of UMaine's world-class laboratories, performances, exhibits and program presentations at nearly 30 campus venues. Visitors can pick up free Open University passports and maps at one of six information booths on campus that day. Passports will be stamped at each venue visited; prizes will be drawn from those passports with the most stamps. Saturday also will be highlighted by Homecoming tailgating at 12:30 p.m. and UMaine football vs. Yale at 3:30 p.m.,

and Family and Friends Weekend Lobster Bake at noon. Ticket information is [online](#). The Homecoming Craft Fair and Marketplace featuring more than 200 artists, crafters and artisans will be held in the Field House, 10 a.m.–5 p.m. Saturday; 10 a.m.–4 p.m. Sunday. In addition, the legacy of Vincent Hartgen will be celebrated with the dedication of the drawing studios named in his honor in the Wyeth Family Studio Art Center, Stewart Commons. Hartgen was a member in the UMaine Department of Art from 1946–82, and curated the university art collection. The dedication ceremony for the Hartgen Drawing Studios begins at 1:30 p.m. Saturday. Saturday night at 7, Maine humorist Tim Sample will offer An Evening of “Drunken Fireworks” in 100 D.P. Corbett Business Building. Sample, who narrated Stephen King’s recently released audiobook, “Drunken Fireworks,” will read passages of the short story, and reflect on his career and his collaboration with King, who called the recording of the audiobook as a “wild ride.” A book signing will follow the event. Oct. 16 will feature a 150th anniversary lecture by historian Edward Baptist of Cornell University, speaking on “How to Save American Higher Education from Its Saviors: The Morrill Act and What It Can Teach Us Today.” The 3:15 p.m. lecture in Minsky Recital Hall will be followed by a reception in Fogler Library. Oct. 18, there will be a Family and Friends Weekend Jazz Brunch, 9:30–11 a.m., Wells Conference Center. Ticket information is [online](#). A list of Open University Day events is available [online](#). Contact: Margaret Nagle, 207.581.3745

Maine Physical Sciences Partnership receives \$2M to continue advancing STEM education

30 Sep 2015

The Maine Physical Sciences Partnership (MainePSP) has been awarded a supplement of more than \$2 million from the National Science Foundation to continue its work advancing science education in Maine. The award builds on the \$12.3 million granted in 2010 to establish an infrastructure to strengthen rural science education across the state. The funds will be used to improve science and mathematics teacher recruitment, preparation and retention in Maine. MainePSP is a collaboration among the Maine Center for Research in STEM Education (RiSE Center) at the University of Maine, almost 30 school districts in the state, as well as nonprofit partners including the Schoodic Institute and Maine Department of Education. Over the past five years, MainePSP has established an innovative partnership between university faculty and preK–12 science teachers, creating a diverse learning community of educators discussing and demonstrating best practices in science education from preschool to graduate school. Because of the proven effect of the partnership on teaching and learning in science, MainePSP will focus on strengthening recruitment, preparation and retention of preservice science, technology, engineering and mathematics (STEM) teachers using the MainePSP community and infrastructure. The project’s major activities will involve experienced classroom teachers in preservice teacher preparation, bridging the gap between theory and practice. Contact: Erika Allison, project director at the RiSE Center, erika.allison@maine.edu, 581.4674

An early spring for Maine lakes

30 Sep 2015

Researchers at the University of Maine say an expected increase in the frequency and strength of El Niño events — unusual warming of the tropical Pacific Ocean that causes worldwide fluctuations in temperature and rainfall — may result in milder winters in New England. Though good for residents longing for warm weather, the shift could be detrimental to lakes in Maine. Mussie T. Beyene, a civil and environmental engineering graduate student, has been studying spring ice-out dates in Maine lakes and their relationship with preceding winter weather-climate variability. The lengthening of the ice-free period in lakes favors increased algal growth and declining lake water quality, warming water temperatures that have the potential to cause alterations in aquatic biodiversity and shortening of the ice-fishing period and other traditional winter lake activities. An important predictor for spring ice-out dates is the accumulated freezing and melting degree-days — the sum of temperatures below and above the 32 F temperature threshold in January and February. Winter temperatures show a systematic link with tropical Pacific Oceanic climate referred to as El Niño-Southern Oscillation, says Beyene. “El Niño is predictable on season and longer time leads, and the study offers a scientific basis for season-ahead ice-out forecasts in Maine lakes.” “Previous studies attribute the recent pattern of New England lakes towards earlier ice-out dates to spring temperatures,” says Shaleen Jain, associate professor of civil and environmental engineering. “However, our results establish that winter temperatures and climate conditions also influence the timing of ice-out dates in Maine lakes.” The researchers’ study showed variability in winter temperatures can produce shifts in the timing of ice-out dates of Maine lakes, including years when lakes do not attain a complete ice

cover. Lake ice can serve as an important link between winter climate, aquatic ecosystems and society, says Jain, who is also a Cooperating Associate Professor at the Climate Change Institute and the School of Policy and International affairs. Climate-related linkages identified in this study have relevance toward a broader understanding of the state of Maine lakes. Previous studies have shown that changes in the lake ice season can have cascading effects on the physical, chemical and biological processes of lakes. Beyene became interested in water sustainability issues while working as a water resource engineer in Eritrea, Africa. “I have seen firsthand that the current lake and reservoir management policies seldom work,” he says. “A major reason for their failure is that the role of climate variability and change on water resources is not properly understood and/or incorporated in the decision-making process. Careful scientific analyses and pluralistic management approaches can greatly enhance water resources management.” “My current research project at UMaine seeks to offer pinpointed information regarding the levels of warming and other anthropogenic changes that may cause severe declines in lake water quality,” says Beyene. The study utilized historical records of eight lakes and six benchmarked meteorological stations in Maine between 1950–2010. The paper, “Wintertime weather-climate variability and its links to early spring ice-out in Maine Lakes,” was published in the journal *Limnology and Oceanography*. Contact: Amanda Clark, 207.581.3721

Maine humorist Tim Sample brings ‘Drunken Fireworks’ to UMaine

30 Sep 2015

Maine humorist Tim Sample will be at the University of Maine for two appearances as part of UMaine’s 150th anniversary celebration Saturday, Oct. 17, during Homecoming Weekend. At 7 p.m., Sample, will read passages from Stephen King’s new short story “Drunken Fireworks.” Sample, who narrated the recently released audiobook, also will talk about his career and his collaboration with King, who called the recording a “wild ride.” The free public event in 100 D.P. Corbett Business Building will be followed by a book signing. Earlier that day, Sample, the former *Postcards from Maine* correspondent for “CBS News Sunday Morning,” will take part in an informal discussion with UMaine students and faculty at the Black Box Theatre in Class of 1944 Hall. Sample’s campus appearances are sponsored by the University of Maine Humanities Center. King selected Sample to give voice to the never-before-released short story about a salt-of-the-earth Mainer and a summer fireworks rivalry that spirals out of control. The audiobook was released June 30. “Great stories are often better when told out loud,” King said of the collaboration. King was awarded the National Medal of Arts by President Obama on Sept. 10. A day after receiving the medal, King appeared on *The Late Show with Stephen Colbert*. The author of more than 50 books graduated from UMaine in 1970 with a bachelor’s in English. “Drunken Fireworks” will be published in King’s short story collection “Bazaar of Bad Dreams” slated to be released Nov. 3. Sample said “Drunken Fireworks” is not the first King tale that he’s had the privilege of narrating, but it is the funniest. “Stephen King? Funny? You heard right chummy,” Sample wrote on his website. Contact: Margaret Nagle, 207.581.3745

Graduate receives regional award for continuing education

01 Oct 2015

Michael Munson of Hudson, Maine, the 2015 Outstanding Graduating Student in the University of Maine’s Division of Lifelong Learning, has been honored regionally with the University Professional & Continuing Education Association’s (UPCEA) New England Continuing Education Student Award. The annual award is given to a student enrolled in an undergraduate program, offered through a division of continuing education, who has demonstrated outstanding achievement and an extraordinary willingness to learn in order to enhance his or her own career, quality of life, family and community. In 1981, Munson’s university studies were interrupted due to family obligations, so he entered the workforce. He became employed as a mechanical trades specialist with Facilities Management at UMaine in 1996 and resumed his education in 2007. While maintaining full-time employment, he worked toward completing his degree. He is a December 2014 graduate of UMaine’s Bachelor of University Studies program and has a minor in Maine studies. Munson was nominated for the UPCEA New England Continuing Education Student Award by Barbara Howard, director of the Bachelor of University Studies program. For his capstone, supervised by UMaine art professor Michael Grillo, Munson produced an experiential learning video on Benedict Arnold’s march through Maine. In addition to his academic work, Munson’s charitable contributions have benefited both local and international organizations, including children in developing countries. Information on Bachelor of University Studies, UMaine’s degree completion program

for adults, is [online](#).

UMaine alum, founder of FinishLynx to speak Oct. 2

01 Oct 2015

Douglas DeAngelis, an alumnus of the University of Maine and Massachusetts Institute of Technology (MIT), will speak in Barrows Halls at 2 p.m. Friday, Oct. 2. While a graduate student at MIT, DeAngelis founded FinishLynx, which produces fully automatic timing systems, line-scan cameras and athlete tracking technology for sporting events around the world. As a longtime runner, DeAngelis saw an opportunity to use digital line-scan technology to produce more accurate and precise photo-finish results for sports. Today, FinishLynx is used in events such as the Olympic Trials, Tour de France, Kentucky Derby and NCAA championships. Members of the UMaine community are invited to DeAngelis' free talk about finding success as an entrepreneur. Light refreshments will be provided. More information and registration is [online](#).

Allan featured in 'We Don't Haze' documentary

01 Oct 2015

Elizabeth Allan, a University of Maine professor of higher education, is featured in the new documentary "We Don't Haze," produced by the [Clery Center For Security On Campus](#). The 17-minute [video](#), available at no cost, is a resource for colleges and universities to help prevent hazing among student groups on campus. It features interviews with victims and their families, as well as experts and students offering alternatives to hazing activities. To accompany the film, Allan led development of a discussion guide, activity guide and prevention brief for college and university staff — also available at no cost. Allan is leading research efforts of the [Hazing Prevention Consortium](#) — eight universities that have partnered to implement comprehensive hazing prevention on campus. She was principal investigator of the 2008 National Study of Student Hazing. UMaine student athletes Steve Swavely (men's hockey), Becca Paradee (field hockey) and Liz Wood (women's basketball) appear in the film, along with sorority member Meredith Stewart and UMaine alumna Diana Haney.

Walk With the Ones You Love Oct. 6

01 Oct 2015

Members of the University of Maine community are invited to participate in Walk With the Ones You Love at 12:15 p.m. Tuesday, Oct. 6 starting on the steps of Fogler Library. As part of Coming Out Week, the 10-minute walk around the Mall aims to show support of a campus that embraces diversity. The Christian Chenard Walk With the Ones You Love is a statewide action to promote a vision of a Maine where all people — regardless of sexual orientation or gender identity — should feel safe and respected to walk hand-in-hand with their significant others. Chenard earned a Ph.D. in nursing from UMaine in 2006. He passed away the following year from pancreatic cancer. He had worked as a nurse practitioner with the city of Portland's Public Health Positive Health Care program, providing primary health care and HIV specialty care to people living with HIV/AIDS. The walk he co-founded in 1998 with his life partner, Elliott Cherry, was renamed in his honor in 2007. The UMaine walk is organized by Athletes for Sexual Responsibility and Male Athletes Against Violence.

Maine Edge advances 4-H Science Saturday on soil, extinctions

01 Oct 2015

[The Maine Edge](#) reported the connection between fire, people, soil and extinct foxes is part of a University of Maine Cooperative Extension 4-H Science Saturday from 10 a.m. to 1 p.m. Oct. 24 at Sawyer Environmental Research Center. Youth in grades six through eight will learn to use a coring device to collect soil sediments that are thousands of years old. Sediments give a snapshot of past ecosystems, as well as extinctions and how humans interacted with and changed the environment. Participants will obtain data from the cores and learn how past fires affected the environment and wildlife.

Bangor Metro publishes Q&A with three Black Bear football players

01 Oct 2015

Bangor Metro published interviews with three University of Maine seniors who will be celebrated as part of the Black Bear football team's Hometown Day on Saturday, Oct. 24, when they play the Stony Brook Seawolves at Alford Stadium. Trevor Bates of Westbrook, John McCabe of Winslow and John Hardy of Portland spoke with the magazine about football, the future, and what it means to be a Black Bear.

Kinghorn speaks with Maine Edge about ARTober celebration

01 Oct 2015

George Kinghorn, director and curator of the University of Maine Museum of Art in downtown Bangor, spoke with [The Maine Edge](#) about ARTober, a monthlong celebration of arts and culture in the city. UMMA is one of several venues participating in the celebration that will blend new events with ongoing programming by existing arts organizations, according to the article. "It's natural with the museum being downtown and being very involved in the efforts happening in the downtown community for us to play a role in [ARTober]. We play a role in many kinds of these things, like the Artwalk, so this was natural for us," Kinghorn said. "It was wonderful timing and happened to align with the opening of the fall exhibitions." WVII (Channel 7) also reported on ARTober.

Garland quoted in BDN article on fall foliage

01 Oct 2015

The [Bangor Daily News](#) spoke with Kate Garland, a horticulturist with the University of Maine Cooperative Extension, and cited information from UMaine Extension in the article, "Foliage report: Maine experts talk this year's fall color." Although Maine's foliage season has been delayed this year, the recent heavy rain around the state may mean brighter colors when the leaves turn, according to the article. "We're looking at what's been hidden all season long," Garland said of the fall colors. "It has just been masked by the green chlorophyll." During summer, chlorophyll in leaves absorbs energy from the sun and uses it to produce sugars and starches to help the tree grow, the article states. In addition to green chlorophyll, leaves contain yellow and orange pigments, according to a bulletin published by the University of Maine Cooperative Extension, and in the fall the leaves stop producing chlorophyll. "Different species tend to have different types of pigment, but within that, different individuals will have different pigmentation," Garland said. "Even if you have two sugar maples side by side, different parent plants will have different genetics and slightly different pigments will show." Some trees, such as silver maple, aspen, birch and hickory, only show shades of yellow, according to the UMaine Extension bulletin. Red or crimson leaves often are produced by trees such as red and sugar maple, flowering dogwood, black gum and red oak, the article states.

Students interested in IT internships, careers invited to networking event

01 Oct 2015

University of Maine students interested in computing and information technology (IT) jobs and paid internships during next summer are invited to a Project>Login Meet Up Event, 4–6 p.m. Oct. 15 in the Bangor Room of Memorial Union. The event is an opportunity for students in computer science and computer engineering to network with IT professionals and recruiters from Maine companies. It is sponsored by Project>Login, a business-led advocacy program of Educate Maine, whose mission is to champion college and career readiness and increased education attainment. Project>Login's vision is that Maine will have a sufficient and sustainable network of well-prepared professionals to fill high-demand computing technology careers in IT-enabled organizations. Students should bring several copies of short resumes that include their name, contact information, academic major, list of university courses completed or expected to be complete by the summer, previous work experience and skills or interests. Food and beverages will be provided. For more information or to request a disability accommodation, email Silvia Nittel at silvia.nittel@maine.edu.

Men's ice hockey to host Black Bear Madness Oct. 4

02 Oct 2015

The University of Maine men's ice hockey team invites fans to Black Bear Madness on Sunday, Oct. 4. The event starts outside Alfond Arena with a barbecue alongside players and coaches. Coach Red Gendron will grill free hot dogs, courtesy of Bell's Orono IGA. The event will include games and a poster giveaway. At 4 p.m. the party heads inside as the team takes the ice for the Blue-White game. The game also will be the Select-A-Seat event for fans to pick their season ticket location. Season tickets can be purchased online or by calling 581.BEAR.

Key Assessment Design and Selection workshop Oct. 22

02 Oct 2015

University of Maine faculty members are encouraged to take part in "Key Assessment Design and Selection," a hands-on, informational workshop from noon to 4:30 p.m. Oct. 22. The session, which will be held in the McIntire Room of the Buchanan Alumni House, aims to enhance participants' understanding of how to successfully design and analyze appropriate key assessments for the evaluation of student learning in courses and programs. Jeffrey Hecker, executive vice president for academic affairs and provost at UMaine, and Raymond Rice, provost at the University of Maine at Presque Isle, will deliver opening remarks during lunch from noon to 12:30 p.m. After lunch, Natasha Jankowski of the National Institute for Learning Outcomes Assessment and Julie Carnahan with the State Higher Education Executive Officers Association will lead the workshop on best practices in key assessment and assignment design. Registration is [online](#). For more information or to request a disability accommodation, contact Katherine Wing at 581.3472 or katherine.wing@maine.edu.

Brewer speaks with MPBN about LePage's call to elect based on tax, welfare reform

02 Oct 2015

The [Maine Public Broadcasting Network](#) spoke with Mark Brewer, a political science professor at the University of Maine, for a report about Gov. Paul LePage telling people who attend his town meetings to choose their legislative candidates based on their views on welfare and tax reform. Brewer said LePage's effort could be used to ensure the election of Republican primary candidates who are dedicated to the governor and the party's tax and welfare reform goals, according to the article. "I think it has the ability to be effective in both a primary and a general election setting," Brewer said. "He made it very clear that if voters agree with him they should send people to the Legislature who also agree with him. And the governor very much recognizes that if he's going to get his policy goals accomplished in the time remaining he has as governor, he needs a Legislature that is more agreeable with him, and I think he is going to do everything he can to try and get that Legislature."

Bangor Metro cites Leahy as inspiration for starting Waldo County wood bank

02 Oct 2015

Bangor Metro reported Waldo County resident Bob MacGregor was inspired to start a wood bank after reading a Bangor Daily News editorial last November by Jessica Leahy, a professor of human dimensions of natural resources at the University of Maine. "In the first paragraph she described a wood bank as, essentially, a food bank, just with firewood, and I thought, 'Well, that's sure something we could pretty easily do,'" MacGregor said. Last winter, MacGregor and a few other volunteers founded the Waldo County Woodshed, according to the article. Though it got started about halfway through the season, the group gave out about 20 cords of wood to families and individuals that had a hard time affording enough firewood to heat their homes, the article states. For the winter of 2015–2016, the nonprofit plans to collect and give out at least 100 cord of wood.

Barrett wins Nerdist publishing contest, Crowdfund Insider reports

02 Oct 2015

David Barrett, an accounting lecturer at the University of Maine, was one of two winners of Inkshares' Nerdist Collection Contest, according to [Crowdfund Insider](#). Inkshares is a crowdfunded book publisher and Nerdist is a popular digital network founded by comedian and television personality Chris Hardwick, according to the article. Barrett's book, "[It's All Fun and Games](#)," was selected to become a debut novel published under the Nerdist name, targeted at the Nerdist audience, with opportunities for development into other media, the article states. "Being selected is amazing. I always thought of myself as a dark horse in the contest," Barrett said. "One of the reasons I didn't go the self-publishing route was because I wanted to work with top-flight editors to really make my novel stand out. This will really give me the opportunity to do so."

Washington Post cites Fried's BDN blog post on food stamp asset test

02 Oct 2015

In the article, "Maine has found a stunning way to keep the poor in poverty," the [Washington Post](#) cited a Bangor Daily News blog post by University of Maine political science professor Amy Fried. Starting as early as Nov. 1, the state will place a \$5,000 cap on the savings and other assets of residents enrolled in the Supplemental Nutrition Assistance Program (SNAP), according to the article. The report mentioned Fried's recent [article](#) detailing how the policy will hurt low-income students hoping to save for college.

Grad student shares personal story on WVII ahead of suicide awareness walk

02 Oct 2015

Nancy Rotkowitz, a graduate student at the University of Maine, spoke with WVII (Channel 7) about her personal experience with suicide ahead of the seventh annual Out of the Darkness Community Walk on Oct. 4. Rotkowitz, who struggled with depression, credits the suicide hot line with saving her life. "I'm so incredibly thankful for what I have today. And I could have not had it if people hadn't been there to help me," she said. Rotkowitz said she initially had a hard time reaching out, but encourages others to do so. "There's no shame in being depressed. It's an illness just like any other illness and it's important for people to know that, and that's what this walk means," she said of the noncompetitive 5K walk through the UMaine campus and surrounding areas. UMaine Counseling Center and St. Joseph Healthcare will host the walk that aims to raise funds for research initiatives of the American Foundation for Suicide Prevention (AFSP). WABI (Channel 5) also carried a report advancing the event.

Kelly quoted in Mount Desert Islander article on innovation conference

02 Oct 2015

[Mount Desert Islander](#) reported Renee Kelly, director of economic development initiatives and co-director of the Foster Center for Student Innovation, was part of a panel discussion at the "Creating a Culture of Innovation" conference in Bar Harbor. The event was presented by the Maine Center for Creativity and The Jackson Laboratory in association with the Maine Development Foundation. Kelly said one of UMaine's goals is to partner with other groups, organizations and companies across Maine to improve the economy. "From the start, we have wanted to build a culture of innovation throughout our state," she said. "We are really trying to give students and businesses the skill sets they need."

Food Dive interviews Camire about research funding controversy

02 Oct 2015

Mary Ellen Camire, a University of Maine professor of food science and human nutrition and past president of the Institute of Food Technologists, was quoted in a [Food Dive](#) article on the controversy surrounding funding for genetic modification research. "I hate to see anybody just rule out genetic modification outright because it's evil. It's how you use it. A car is not evil unless you plow it through a crowd of people," Camire said. She said she thinks science and industry can meet without controversy, and highlighted work by the American Society for Nutrition which brought

together the Institute of Food Technologists and other organizations to discuss public-private partnerships in research for food and nutrition, according to the article. “Unfortunately, I think some people just distrust big industry in general and anyone who’s gotten funding from them,” Camire said. “It’s more of a perception issue than a real issue in bias I think.”

BDN reports on UMMA light sculpture exhibit

02 Oct 2015

The [Bangor Daily News](#) reported on an interactive exhibition at the University of Maine Museum of Art by Paul Myoda, a Japanese-American artist based in Providence, Rhode Island. Myoda creates sculptures investigating the transformative qualities of light, according to the article. “For many years I’ve been working with light as a material for sculpture. People often think of it as immaterial, but it is actually material that you can sculpt and shape and form,” Myoda said. He creates his sculptures by using computer-based technologies, such as 3-D printers, as well as hand tools, the article states. “Usually in the case of installation artists or people using new media, the artist has to be here to do it. Paul is creating a whole experience for people as they enter,” said George Kinghorn, the museum’s director and curator. The exhibit runs from Oct. 2 until Dec. 31.

Science magazine publishes feature on Calhoun, vernal pool conservation

02 Oct 2015

Science magazine published a feature article on Aram Calhoun, a professor of wetland ecology at the University of Maine, and her efforts to protect vernal pools. Calhoun is leading an innovative effort to overcome two of the tougher challenges in conservation biology in the United States: protecting vernal pools that are critical to the survival of many amphibians and other organisms, and making conservation work on privately held lands, according to the article. She has helped recruit citizen scientists to collect key field data and has assembled teams of scientists, economists, town planners and developers to create economically viable plans for balancing conservation and development, the article states. Calhoun also worked with UMaine economist Kathleen Bell and others on basic and applied research projects.

Online voting open for UMaine to win \$10,000 donation from PC Construction

05 Oct 2015

The University of Maine is one of six institutions participating in “Building Communities: PC Construction Gives Back.” The contest focuses on supporting higher education at colleges and universities that have welcomed PC Construction on their campuses. [Online](#) voting throughout October will determine which school will receive a \$10,000 donation from the company. Second- and third-place institutions will win \$3,000 and \$2,000, respectively. If UMaine is selected the winner, funds will support the Division of Student Life. More information about the contest is [online](#).

Lord Hall Gallery exhibits to explore concepts of home, homelessness

05 Oct 2015

The University of Maine Department of Art will present two related exhibitions as part of the 2015 Maine Photo Project. A juried exhibition will feature the work of 19 Maine photographers, while “Young Photographers” will include work by 14 artists from Orono middle and high schools, as well as the Carleton Project and Shaw House, a Bangor shelter for homeless and at-risk teens. “Visualizing Home and Homelessness” includes more than 60 photographs that represent investigations into the concepts of home and homelessness. The works will be on display from Oct. 9 until Nov. 13 in the Lord Hall Gallery on the Orono campus. The public is welcome to attend an opening reception from 5–7 p.m. Friday, Oct. 16 in Lord Hall Gallery. The photographs on display are an exploration of how humans experience and understand the concepts of home and homelessness. They encourage the viewer to ask questions about their sense of place and identity and provide opportunities to consider different ways of thinking about what it means to be “at home” or “homeless.” Works in the juried exhibition were selected by George DeWolfe, an internationally known photographer who resides in Maine; Elizabeth Greenberg, photographer and vice president of academic affairs at Maine

Media Workshops in Rockport; and Laurie E. Hicks, UMaine art professor and Lord Hall Gallery curator. Artists in the juried exhibition include Amber Andrews, Bruce Armstrong, William Ash, K. Scott Davis, Jon Edwards, Elizabeth Greenberg, Michael Grillo, Laurie E. Hicks, Regan Kenny, Sally Levi, Jes Lynch, Amy Pierce, Hans Nielsen, Heath Paley, Liv Kristin Robinson, Susan Smith, Alan Stubbs, Sarah Szwaikos and Meg Webster. “Young Photographers” is the result of a service-learning project in which UMaine art education students worked with students from Orono schools, the Carleton Project and residents from Shaw House, teaching them processes of photography and giving them opportunities to use the art form as a means of communicating ideas central to their lived experiences. Artists included in the “Young Photographers” exhibition are Lowell Ruck, Rebecca Gallandt, Daphne Murphy and Brinsley Chasse from Orono High School; Anna Denike and Molly Booth from Orono Middle School; and Aaliyah Givens, Alex Santiago, Haley Stratton, Hannah Nickerson, Sarah Quinones-Bonilla, Jackie Barbera, Paul Oxman and Arwen Joseph from the Carleton Project and Shaw House. The exhibition is free and open to the public. Lord Hall Gallery is open from 9 a.m.–4 p.m. Monday through Friday and is wheelchair accessible. “Visualizing Home and Homelessness” is part of the Maine Photo Project, a statewide photography collaboration in 2015. The Maine Photo Project is organized and supported by the institutions of the Maine Curators’ Forum and is sponsored by the art museums of Bates, Bowdoin and Colby colleges, with fiscal management provided by the Maine Historical Society. The Maine Photo Project is funded in part by a grant from the Maine Arts Commission, an independent state agency supported by the National Endowment for the Arts, and by the Maine Office of Tourism.

Lukens new trustee on Abbe Museum board of directors, Mount Desert Islander reports

05 Oct 2015

The [Mount Desert Islander](#) reported Margo Lukens, an English professor, chair of the Department of New Media and director of academic programs in Innovation Engineering at the University of Maine, is one of four new trustees on the Abbe Museum’s board of directors. Lukens’ research interests include Wabanaki literary and storytelling history, Native American and First Nations plays and playwrights, and innovation, according to the article.

Boothbay Register reports on DMC scientist’s sea slug research

05 Oct 2015

The [Boothbay Register](#) and [The Maine Edge](#) carried a University of Maine news release on sea slug research by Doug Rasher, a postdoctoral research associate at the Darling Marine Center. Rasher and his team discovered an underwater sea slug has evolved chemical foraging and defense abilities that are functionally identical to those of terrestrial insects, despite being unrelated to their land-based counterparts and living in vastly different habitats for 400 million years. “Specialized herbivores on land and sea appear to make a living in similar ways,” said Rasher, whose team’s findings have been published in the journal “Proceedings of the National Academy of Sciences.” In seagrass beds off the Florida Keys, the sea slug *Elysia tuca* hunts its prey, the seaweed *Halimeda incrassata*, by honing in on chemical cues the seaweed emits, Rasher said.

Press Herald reports on Bananas mascot makeover

05 Oct 2015

The [Portland Press Herald](#) reported on the new look for the University of Maine mascot, Bananas T. Bear. The new Bananas made his debut at the football home opener and will be seen in Portland at the Ice Breaker hockey tournament Oct. 9–10, according to the article. “As with every new bear, he’s receiving a variety of different reviews,” said Robert Dana, the university’s dean of students and vice president for student life. “Some people see the traditional UMaine sports bear in him. Others want the big, old, roly-poly bear. He’s ingratiating himself, as every bear up to this point in time has done.” The current iteration is the sixth costume makeover since the human-in-a-suit mascot debuted in 1969, three years after live mascots were outlawed by the state, the article states. The new suit features more flexibility and better ventilation and visibility.

Media cover Out of the Darkness Community Walk

05 Oct 2015

The [Bangor Daily News](#), WABI (Channel 5) and WVII (Channel 7) reported on the seventh annual Out of the Darkness Community walk held at the University of Maine. The noncompetitive 5K walk through the UMaine campus and surrounding areas was hosted by the UMaine Counseling Center and St. Joseph Healthcare. Funds raised go toward research initiatives of the American Foundation for Suicide Prevention (AFSP). Kelly Shaw, Touchstone coordinator and clinical psychology resident at the University of Maine Counseling Center, helped organize the event and spoke to the hundreds of participants before the walk began, according to the BDN. “You’re not alone,” she said. “There is hope and a process to heal.” Emily Cain, a UMaine alumna and former state senator from Orono, also addressed the crowd. She said people should not be afraid to reach out to others in their lives for support, the BDN reported.

BDN previews UMaine Extension’s ‘Preserving the Harvest’ workshops

05 Oct 2015

The [Bangor Daily News](#) reported the University of Maine Cooperative Extension is hosting a series of “Preserving the Harvest” workshops from York to Knox counties from October into November. The workshops focus on how to preserve fresh food by fermenting, freezing or canning, according to the article. Kate McCarty, a food preservationist with UMaine Extension, will lead a workshop Oct. 14 at Bonny Eagle Middle School in Buxton where she will teach attendees how to make an apple chutney, the article states. She said her goal is to make confident canners out of novices. “It’s a lot of fun. You get to go home with a jar of what we make and the kitchen skills to can safely in the future,” she said. McCarty also shows participants how to use equipment and boil cans properly. “We’ve seen a big growth in demand for our preservation programs,” she said. “Everyone is concerned with food safety, so I spend a lot of time on that.”

Media report on 800-pound pumpkin transplanted in Bangor Community Garden

05 Oct 2015

The [Bangor Daily News](#) and WABI (Channel 5) reported on an 800-pound pumpkin named Peanut that was grown by a couple and transplanted in the Bangor Community Garden. The couple planted the seeds on May 1, and is bringing the pumpkin to the Damariscotta Pumpkinfest and Regatta, where it may be made into a boat, according to the BDN. The couple got the Atlantic giant pumpkin seeds from a 1,695-pound pumpkin that last year set the state record, the BDN reports. The couple plans to donate its seeds to the Master Gardeners of Penobscot County, a part of the University of Maine Cooperative Extension, the article states. Garden coordinator Kate Garland, a horticulturist for UMaine Extension, said many of the local gardeners enjoyed helping Peanut grow. “Peanut has been a fun addition to the garden,” she told the BDN. “Her presence has helped bring members together for a common cause — watering, hand-picking pests, measuring and cheering her on throughout the season.”

Camire quoted in Sun Journal article on pumpkin-flavor trend

05 Oct 2015

Mary Ellen Camire, a University of Maine professor of food science and human nutrition and past president of the Institute of Food Technologists, was quoted in a [Sun Journal](#) article about the popularity of pumpkin flavor. According to Nielsen, in 2014 Americans spent \$361 million on pumpkin-flavored food and drink items. One reason, said Camire, is that “People associate those smells with holidays and good times with family and friends.” Pumpkin is high in vitamin A and nutritious, Camire said, adding that unfortunately there’s not a lot of actual pumpkin in the pumpkin trend. Frequently, she said, people are drawn to spices in a pumpkin pie, such as cloves, nutmeg and cinnamon, which she said also can be healthy when they’re fresh and consumed in large quantities. “The problem is you have to eat so much of the spice, the food wouldn’t really be palatable,” Camire said. “The other problem is a lot of the benefits of spices are lost as it sits in the air.”

BDN interviews Lichtenwalner about turkey shortage ahead of Thanksgiving

05 Oct 2015

Anne Lichtenwalner, a University of Maine professor, veterinarian and director of UMaine's Animal Health Laboratory, spoke with the [Bangor Daily News](#) for the article, "Turkey shortage across the country could ruffle Thanksgiving plans." Farmers and grocers around the country have been affected by the highly pathogenic avian influenza, or HPAI, that last spring decimated turkey flocks by 7.5 million, according to the article. There were no confirmed cases in Maine, but the scare is affecting growers here, the article states. Lichtenwalner said around the United States, 211 commercial poultry flocks were affected with HPAI this year compared to 21 noncommercial, small-scale operations. As a result, the price of commercial turkeys will go up between 20 to 40 cents a pound, she predicts. Lichtenwalner said although Maine hasn't been affected yet, "we shouldn't relax," according to the article. She [tracks the bird flu on her blog](#) and offers advice for farmers to keep chickens and turkeys secure. "It's still cycling through the wild bird population. So far, so good," she says, adding livestock owners should figure keep wild birds away from their birds through vigilance and isolation.

Boston Globe quotes Redmond in article on New England seaweed food industry

05 Oct 2015

The [Boston Globe](#) spoke with Sarah Redmond, a marine extension associate with the Maine Sea Grant College Program at the University of Maine, for the article "New England seaweed the next big thing in local food?" Redmond said she she wanted to be a seaweed farmer since she was 15 years old, when she would explore the coastal shores of Maine, learning to identify species and cook with them at home, according to the article. "It combined my two favorite things, which were gardening and the ocean," she said. "I thought it would be pretty cool to have a garden in the sea." Now Redmond splits her time between helping would-be seaweed farmers learn to tend and harvest their crops, conducting original research on how to grow species that have never before been cultivated in North America, and championing native, domestically grown seaweeds, the article states. "There's so much you can do with seaweed," Redmond said. "It helps improve water quality. It could be a tool to fight ocean acidification. It's exciting to think of all the things you can do with kelp farms, but also kelp as a product." As a food, Redmond said seaweed is amazing. "It's a super food. It's the most nutritious vegetable on the planet," she said.

America's response to global instability the focus of UMaine's Cohen Lecture Oct. 27

05 Oct 2015

America's response to global instability will be the focus of the 2015 Cohen Lecture Oct. 27 at the University of Maine, featuring three of the country's top national security officials talking about what happens behind the scenes at the White House and Pentagon, and in Congress as decisions are made about war and peace. Former Secretary of Defense William Cohen will be joined by Gen. Joseph Ralston, former supreme allied commander in Europe, and Ambassador Nicholas Burns, former under secretary of state for political affairs. Felicia Knight, president of the Knight Canney Group, will moderate the discussion. The 11 a.m. event at the Collins Center for the Arts, the 10th in the William S. Cohen Lecture Series presented by UMaine's Cohen Institute for Leadership and Public Service, is free and open to the public. To attend or request a disability accommodation, call 207.581.1153 or write umaineevents@maine.edu by Oct. 23. The moderated discussion, "America's Response to Global Instability," is the third since the lecture series began in 1998. Cohen, a Bangor native who represented Maine in Congress for 24 years before joining President Clinton's cabinet, established the series when he donated a collection of his Congressional papers to UMaine's Fogler Library. In 2001, he also donated his papers from his tenure as secretary of defense. Cohen is CEO and chair of the Cohen Group in Washington, D.C., which provides global business consulting. Ralston is vice chair of the Cohen Group. He served as supreme allied commander in Europe, and commander of the U.S. European Command from 2000–03. He was vice chairman of the Joint Chiefs of Staff from 1996–2000. In 2003, he completed his distinguished 37-year career in the Air Force. As NATO commander, Ralston commanded approximately 65,000 troops from 39 NATO member nations and other countries participating in ongoing operations in Bosnia-Herzegovina, Kosovo and the former Yugoslav Republic of Macedonia. Burns is a senior counselor with the Cohen Group. He served as under secretary of state for political affairs from 2005–08, and was U.S. ambassador to NATO (2001–05) and U.S. ambassador to Greece (1997–2001). He retired in 2008 after 27 years in the Foreign Service. As under secretary, he was in the third ranking position at the State

Department. In that position, he shepherded successful negotiations to achieve new agreements with India in civil nuclear energy; negotiated a \$30 billion long-term military assistance agreement with Israel; and served as the chief U.S. negotiator on Iran's nuclear program. Burns is currently the Roy and Barbara Goodman Family Professor of Diplomacy and International Relations at Harvard University's John F. Kennedy School of Government. He is also director of the Aspen Strategy Group. Contact: Margaret Nagle, 207.581.3745

Volunteers sought for online aphasia communication group

06 Oct 2015

Participants are being sought for an online aphasia communication group as part of a research project being led by Judy Walker, an associate professor of communication sciences and disorders at the University of Maine. The project aims to determine if people with aphasia — a disruption in the ability to communicate typically caused by a stroke — can benefit from participation in an online communication group. Participants will use their home computers and a secure video conferencing system to meet with others who have aphasia for 1.5 hours per week for 12 weeks. Those who participate will be asked to complete language tests and answer questions about their friendships and emotions. Testing will take place before the first group meeting, at the end of the 12 weeks, and three months later. Each testing session will take about 1.5 to two hours. To be in the study, you must have aphasia; normal or corrected hearing and vision; no history of alcohol or substance abuse; a computer, laptop and/or tablet; high-speed Internet access; and a companion to attend each online meeting. For more information, contact Walker at 581.2003 or judy.perkins.walker@umit.maine.edu. All participants will receive free language screenings.

Caron, Cosgrove, football players featured in Colonial Athletic Association video

06 Oct 2015

Sandy Caron, a University of Maine professor of family relations and human sexuality, is featured in a new [video](#) produced by the Colonial Athletic Association that highlights the [Male Athletes Against Violence](#) program. The video features UMaine football players Trevor Bates, Sherrod Baltimore, Michael Kozlakowski, Chase Hoyt and Christophe Mulumba-Tshimanga, as well as head football coach Jack Cosgrove, explaining their role in MAAV. Caron founded MAAV in 2004 as a way to involve more men in conversations about domestic violence, sexual assault and bullying prevention. The male athletes regularly host events and talk to student groups. The [CAA Sports](#) video, "Going Deep: University Of Maine — 'Male Athletes Against Violence,'" is available via the conference's website and social media. It also will be shown during halftime of games broadcast both regionally and nationally by the American Sports Network and Comcast SportsNet.

Mitchell Lecture on Sustainability advanced in Maine Edge

06 Oct 2015

[The Maine Edge](#) published a University of Maine news release previewing the 2015 Senator George J. Mitchell Lecture on Sustainability. "When Science Meets Politics: Symphony or Slugfest?" will be presented by University of Colorado professor and author Roger Pielke Jr., at 1 p.m. Oct. 15 in Hauck Auditorium. The event will include remarks by Sen. George J. Mitchell and will be followed by a reception in the Collins Center for the Arts. The lecture, sponsored by UMaine's Senator George J. Mitchell Center for Sustainability Solutions, is free and open to the public. Tickets are available [online](#). For more information or to request a disability accommodation, call 581.3196.

Maine FoodCorps program cited in Kennebec Journal article on Pittston school

06 Oct 2015

The [Kennebec Journal](#) reported the Pittston Consolidated School received a \$1,400 grant from central Maine dairy farmers to promote more healthful eating and exercise. The Fuel Up to Play 60 program will enable the school to buy equipment for its playground, kitchen and physical education program as well as supplies for a new nutritional program, according to the article. The equipment will be used by a volunteer from the Maine FoodCorps program who will visit

the school each week for the rest of the year to provide education in eating healthfully, the article states. The Maine FoodCorps program is the state branch of a national program that teaches healthful eating, expands school-based gardens and increases locally grown food in school cafeterias. The University of Maine Cooperative Extension oversees the state program.

Maine Edge previews Open University Day

06 Oct 2015

The Maine Edge carried a University of Maine news release announcing UMaine's yearlong celebration of its 150th anniversary continues with Open University Day on Oct. 17, held in conjunction with Homecoming, and Family and Friends Weekend from Oct. 16–18. A list of all public events throughout the weekend, including athletics events, art exhibits, planetarium shows, performances and receptions is [online](#). "We're extending an invitation to people throughout Maine to join us for these three days of events campuswide," said Dana Humphrey, chair of UMaine's Anniversary Implementation Committee. "This will be a wonderful opportunity to learn about the state's flagship university and how its teaching, research and economic development, and outreach efforts benefit all of Maine." Open University Day, from 10 a.m. to 3 p.m., features public tours of UMaine's world-class laboratories, performances, exhibits and program presentations at nearly 30 campus venues.

Al Jazeera English interviews DMC student about lobster research

06 Oct 2015

Jesica D. Waller, a graduate student at the University of Maine Darling Marine Center, was interviewed for an [Al Jazeera English](#) television piece about ocean acidification and lobsters. "The cause for worry is really we don't know enough to worry," says Waller, whose research focuses on how American lobster larvae develop in acidic ocean conditions. While the lobster catch is currently booming in Maine, the water temperature in the Gulf of Maine is rising and the pH is lowering. Waller says the pH, which is 8.1, is predicted to be 7.9 by the year 2100. State Sen. Chris Johnson is requesting state funds be dedicated for research. The UMaine graduate said the acidity in some Casco Bay flats is sufficient to dissolve clamshells.

Participants sought for inaugural Homecoming Parade, Float Competition

07 Oct 2015

The University of Maine will hold an inaugural Homecoming Parade and Float Competition Oct. 17, which will feature the UMaine Marching Band and student floats vying for prizes. The parade will start at noon from the Collins Center for the Arts parking lot, continue down Long Road, and end outside Alfond Stadium. Winners will be announced during halftime of the Black Bear football team's game against Yale. The event is hosted by MaineStream, UMaine Student Government and Campus Activities and Student Engagement (CASE). Trailers are provided, but limited. Reserve a trailer and enter in the competition by emailing mainestream04469@gmail.com by Oct. 10. The theme of the event is "UMaine Black Bears beating the Yale Bulldogs." For complete rules and regulations, visit MaineStream's [Facebook](#) page. More information is online.

Backyard poultry workshops offered this fall

07 Oct 2015

University of Maine Cooperative Extension and the Maine Department of Agriculture, Conservation and Forestry are co-sponsoring three fall workshops for new and future small-scale meat and egg producers. UMaine Extension educator Donna Coffin and assistant state veterinarian Beth McEvoy will cover poultry breeds, housing, health and nutrition for backyard meat and egg producers. Workshops are scheduled:

- 6–8 p.m. Oct. 14 at Bucksport High School, 102 Broadway, Bucksport. Register [online](#) or call 469.2129. Course fee is \$12.

- 6–8 p.m. Oct. 27 at Nokomis Regional High School, 266 Williams Road, Newport. Register [online](#) or call 368.3290. Course fee is \$15.
- 6–8 p.m. Nov. 3 at the Piscataquis County UMaine Extension office, 165 East Main St., Dover-Foxcroft. Register [online](#) or call 564.6525. Course fee is \$5.

The book “Storey’s Guide to Raising Chickens” is optional and may be purchased for \$20 on-site. A limited number of partial course fee waivers are available. For more information, or to request a disability accommodation, call 564.3301 or 800.287.1491 (in Maine).

Engineering Job Fair Oct. 15

07 Oct 2015

More than 90 companies will be represented at the University of Maine’s 2015 Engineering Job Fair from 10 a.m. to 3 p.m. Thursday, Oct. 15 at the New Balance Student Recreation Center. Co-sponsored by the UMaine College of Engineering and Career Center, the event is an opportunity for students to learn about some of the engineering firms in Maine, New England and throughout the country; meet company representatives; and possibly find a job after graduation or on-the-job experience through a co-op or internship. Students are advised to bring resumes, prepare a 30-second introductory pitch, and research the companies they plan to speak with before attending. More Career Fair tips are [online](#). More information, including a [list](#) of the companies scheduled to attend, is on the Career Center [website](#). The event is underwritten by General Dynamics/Bath Iron Works, with additional support from several industry sponsors. A complete list of sponsors is [online](#).

Maine Folklife Center cited in Ellsworth American article on bean hole bean tradition

07 Oct 2015

Information from the Maine Folklife Center at the University of Maine was included in an [Ellsworth American](#) article about members of Halcyon Grange No. 345 in Blue Hill taking on the New England tradition of making bean hole beans. Native Americans first made the beans by “baking beans with bear grease in maple syrup in clay pots covered with deerskins and buried in coals in the ground,” according to the Maine Organic Farmers and Gardeners Association. Lumbermen who worked in the state’s north woods adapted the process by putting the beans in cast iron pots and burying those in the ground surrounded by coals, according to the Maine Folklife Center. The article also included a list of bean-related expressions and their meanings compiled by the center.

Brewer quoted in BDN article on possible split of tax-welfare ballot question

07 Oct 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in a [Bangor Daily News](#) article on Secretary of State Matthew Dunlap saying he may split the Republican Party’s proposed referendum effort on cutting taxes and reforming welfare into two ballot questions. Brewer said the welfare argument may be easier for Republicans to sell to voters than tax changes because welfare is a more emotional issue. “Not only is there more to argue against [lowering the income tax], Democrats have been able to argue against it relatively recently, whereas so far they have been unable to counter the Republicans’ arguments on welfare,” he said.

Gulf News covers Abu Dhabi conference co-sponsored by SPIA

07 Oct 2015

[Gulf News](#) reported on a conference in Abu Dhabi that was co-sponsored by the Emirates Centre for Strategic Studies and Research and the University of Maine’s School of Policy and International Affairs (SPIA). “The Challenges of Nation — Building in Arab Countries that have Recently Witnessed Change,” brought together experts and scholars from around the world to discuss the issues of nation-building in Arab countries. Arab Spring countries need social contracts or a voluntary agreement among individuals by which organized society is brought into being and invested

with the right to secure mutual protection and welfare, officials and experts told the regional conference, according to the article.

Hicks speaks with Maine Edge about exhibits exploring concepts of home, homelessness

07 Oct 2015

Laurie Hicks, a University of Maine art professor and curator of the Lord Hall Gallery on campus, spoke with [The Maine Edge](#) about two related exhibitions the Department of Art will present as part of the 2015 Maine Photo Project. “Visualizing Home and Homelessness” includes more than 60 photographs that represent investigations into the concepts of home and homelessness. The works will be on display from Oct. 9 until Nov. 13 in the Lord Hall Gallery. “It’s actually made up of two exhibitions. In the main gallery will be a juried exhibition that includes photographs that people submitted in response to a call that I put out,” Hicks said. “The smaller gallery is an extension of the home and homelessness concept but the work in it was created by a couple middle school students, four high school students and about eight kids who are associated with the Carleton Project and with the Shaw House in Bangor.” The public is welcome to attend an opening reception from 5–7 p.m. Friday, Oct. 16 in the gallery.

UMaine Climate Change report cited in Washington Post article on ticks

07 Oct 2015

The University of Maine report, “[Maine’s Climate Future: 2015 Update](#),” was cited in a Washington Post article on the increase in winter ticks in Maine and New Hampshire as winters warm. Conditions over the past few years have been almost perfect for winter tick population booms in the two states, according to the article. During the 20th century, Maine warmed by 3 degrees Fahrenheit, and “the warm season increased by two weeks,” according to the UMaine report. “Global climate models predict that the warm season will increase by an additional two weeks over the next 50 years,” the update said. “Winter is warming at a faster rate than summer.”

Blackstone guest on Cleveland’s ‘The Sound of Ideas’ radio show

07 Oct 2015

Amy Blackstone, a sociology professor at the University of Maine, was a recent guest on “The Sound of Ideas,” a show produced by a National Public Radio affiliate in Cleveland. The show, titled “The Not-Mom Movement,” focused on the decision not to have children. Blackstone researches childfree-by-choice adults and the stigma that surrounds them. She also maintains a blog with her husband titled, “we’re {not} having a baby! childfree adventures in a child-centric world.” The show was held in advance of the NotMom Summit in Cleveland Oct. 9–10. Blackstone is scheduled to speak at the event.

Quartz interviews Steneck, Wahle for article on lobster boom

07 Oct 2015

University of Maine marine scientists Bob Steneck and Rick Wahle, as well as their research, were cited in the [Quartz](#) article, “The enigma behind America’s freak, 20-year lobster boom.” Maine’s lobster business is the only fishery that has endured for more than a century and yet produces more volume and value than ever before, according to the article. As the Gulf of Maine warms, Steneck has traced the lobstering “sweet spot,” from Casco Bay in the 1980s to where it is today — in Stonington, about 100 miles to the northeast, the article states. The report also cited Wahle’s research on baby lobsters that have settled in the Bay of Fundy since 1989. For more than a decade, Wahle and his team of divers found fewer than one baby per square meter, on average. In 2005 and 2008, they found more than seven settled baby lobsters per square meter, on average, the article states. In the last few years, Wahle and his team have tracked what he calls a “widespread and deep downturn” in the number of settled baby lobsters. The slump in babies started around 2011, which means “the next two years are going to be very telling because of that downturn in settlement,” he said. The [Bangor Daily News](#) cited the Quartz report in the article, “3 theories on why lobster babies are disappearing and what they mean for the industry.”

UMaine students to attend Engineering Ambassador Workshop

07 Oct 2015

Eight University of Maine undergraduate engineering students will join peers from eight universities for a three-day Engineering Ambassador Northeast Regional Workshop at Worcester Polytechnic Institute, Oct. 8–11. The Engineering Ambassadors Network (EAN) trains university engineering students in effectively communicating with middle and high school students about the discipline. EAN empowers future leaders in engineering and supports the recruitment of the next generation of scientists. At the workshop, students will prepare engaging presentations and activities that they will share with students in area schools. Participating students develop their communication and presentation skills, inspire young future engineers and represent UMaine engineering, says Sheila Pendse, a UMaine College of Engineering program development associate. She and Victoria Wingo, a UMaine College of Engineering communication specialist, will both accompany the students. UMaine students will work in four teams. Blaine Williams, a third-year electrical engineering technology student from Holden, and Hope Tracy, a second-year chemical engineering student from Belfast, will be on Team 3. Emma Wilkinson, a third-year electrical engineering technology student from Windsor, and Nicolas Gleason-Boure, a second-year chemical engineering student from Windham, will be on Team 4. Molly McGinn, a second-year chemical engineering student from West Enfield, and Bradley Denholm, a second-year electrical engineering student from Van Riebeeck Park, South Africa, will be on Team 5. Fadumo Musse, a second-year chemical engineering student from Bosaso, Somalia and Atticus Dennis, a third-year bioengineering student from Dover Foxcroft, will be on Team 6. Elizabeth Clark, a senior in chemical engineering from Dover, New Hampshire, is an alumnus of the Engineering Ambassador program and is assisting the teams. Sara Walton, a lecturer in chemical engineering at UMaine, is the faculty adviser to the university's Engineering Ambassador student chapter, which began last year. Dr. Walton accompanied Sheila Pendse and seven students last year to Rensselaer Polytech Institute for a similar workshop. EAN program at UMaine began in 2013 as a partnership with Penn State University, funded by a National Science Foundation grant. Participation in the workshop this year is funded primarily by a Proctor & Gamble Foundation grant. More information about the Engineering Ambassadors Program is [online](#).

UMaine named Center of Academic Excellence in Geospatial Sciences

07 Oct 2015

The University of Maine has been named a national Center of Academic Excellence in Geospatial Sciences in a joint application and designation process sponsored by the National Geospatial-Intelligence Agency and the U.S. Geological Survey. UMaine is among 17 universities from across the nation selected to receive the award in the first year of the program. While centered in the School of Computing and Information Science in the College of Liberal Arts and Sciences, faculty from across several colleges detailed their course offerings and research in the bid to receive the campuswide designation. The recognition reflects UMaine's dedication to teaching the breadth and depth of theory and real-world applications of geospatial sciences that prepare students for success in the public, private and academic sectors. According to the participating federal government agencies, a goal of the Centers of Academic Excellence (CAE) in Geospatial Sciences Program "is to build, strengthen and cultivate the current and future geospatial sciences workforce for the U.S. government — make it second to none." A U.S. workforce of government and industry personnel is needed with the appropriate mix of emerging skills, education, knowledge and competencies to keep America on the leading edge in the application and use of geospatial sciences for global security issues in energy, health and the environment; homeland security and disaster management; Earth sciences; and for national security, military planning and operations. The award was presented recently to UMaine at a CAE in Geospatial Sciences meeting in Washington, D.C. Accepting the award for UMaine was Harlan Onsrud, a professor of spatial information science and engineering. Representatives of the CAE in Geospatial Sciences Program will visit the campus to tour research and teaching facilities; meet in roundtable sessions with students, faculty and administrators; and discuss research, internship and job opportunities with the federal government. Reapplication for the designation is required every three years. Contact: Max Egenhofer, director of the School of Computing and Information Science at 581.2114, max.egenhofer@maine.edu.

Researcher finds it takes guts to locate elusive shrimp

07 Oct 2015

Rachel Lasley-Rasher wanted to learn more about highly mobile shrimp that are important food for baleen whales and commercial fish along the continental shelf from Cape Hatteras to Nova Scotia. Because of their significance in the marine food web, she said a better understanding of shrimp migration patterns could fill knowledge gaps and help predict effects of global stressors on their locations and abundances. The problem, said Lasley-Rasher, is that shrimp are often underestimated when sampled at large spatial scales since they're too small to be caught in trawl nets and they easily escape from capture by plankton nets. To solve the dilemma, the postdoctoral researcher at the University of Maine Darling Marine Center followed her gut. Or, more precisely, followed fish guts. Since fish are adept at catching shrimp, Lasley-Rasher and colleagues analyzed the National Oceanic and Atmospheric Administration's database that has information about gut contents of fish collected at 350–400 stations along the northeastern U.S. shelf for the last 40-plus years. The four shrimp families (euphausiids, pandalids, mysids and crangonids) are vital food for cod, hake, pollock, flounder, skates and dogfish. And the researchers found that broad size ranges of fish, including both juveniles and adults, eat the shrimp. The database also revealed a previously unknown northward shift of euphausiids and pandalids in March. These species, she said, are known for their vertical ocean migrations, which can span from tens of meters to thousands of meters a day. The researchers' analysis also confirmed known and suspected patterns of late winter onshore migration by mysids and crangonids. The method and the database provide possibilities for retrospective analysis of forage species over decades of change in Northeast fisheries and prospective analysis in the context of climate change, says Lasley-Rasher. DMC scientists Damian Brady and Peter Jumars and Brian E. Smith of NOAA at the Northeast Fisheries Science Center in Massachusetts also took part in the research. An article about the findings, "It takes guts to locate elusive crustacean prey," will be featured in the Marine Ecology Progress Series journal in October. Contact: Beth Staples, 207.581.3777

Human-marine environment interactions crux of DMC director's study

07 Oct 2015

Heather Leslie, director of the University of Maine Darling Marine Center, is leading a research project to deepen her interdisciplinary investigations of ecological and human dimensions of small-scale fisheries in Mexico's Baja peninsula. A \$1.79 million award from the National Science Foundation's Coupled Natural and Human (CNH) Systems Program funds the three-year project. "My studies of human-marine environment connections are inspired and informed by my earlier time in Maine. Now that I am back on the midcoast, I am excited to begin to build on the work that I've done in Mexico so as to contribute to the scientific and societal needs of the state of Maine," said Leslie, who also is the Libra Associate Professor in UMaine's School of Marine Sciences. "With the support of the NSF, I will be able to attract students to the Darling Center who are keen to work in this important area of coupled systems, or marine conservation, science. I expect that we will turn our attention to local challenges — particularly those related to sustaining both aquaculture and wild caught fisheries off the Maine coast — quite soon," adds Leslie, who began directing UMaine's marine laboratory Aug. 1. Betsy Von Holle, CNH program director for NSF's Directorates for Biological Sciences (BIO), says the complex environmental issues created as human populations expand and the environment changes are best investigated by multi-disciplinary teams. "CNH provides support for natural and social scientists to work together to examine these complex human-environment interactions," she says. "The results can then be applied to other regions experiencing similar issues." The CNH grant program, which considers humans and the environment as one interconnected system, is co-funded by NSF's BIO, Geosciences and Social, Behavioral & Economic Sciences. It has been issuing awards since 2001; total 2015 funding is \$20.4 million. To learn more, read the NSF [release](#). Contact: Beth Staples, 207.581.3777

Maine 4-H youth place at regional dairy competition

08 Oct 2015

Nineteen participants of 4-H, an educational youth program of the University of Maine Cooperative Extension, and their project animals traveled to Springfield, Massachusetts in September to represent Maine at the Eastern States Exposition. They competed against more than 150 youth from around New England in a variety of dairy competitions. In the first contest, the Dairy Knowledge Exam, Desiree Wright of Limington took second place in the senior division, while Alivia

Stanley of Buxton took fourth in the junior division. The Maine Quiz Bowl Team — Stanley, Sadee Mehuren of Searsmont, and Megan Caruso and Kelton Tanguay of Gorham — took third place. Stanley placed fifth in the individual competition. The Maine Clipping Team — Allison Merriman of Windham, Kaicey Conant of Canton and Nicole Schofield of Troy — took top honors. Maine fielded two Dairy Judging Teams. Team A — Merriman, Wright, Stanley and Mackensie Schofield of Troy — placed third with second places in the Ayrshire, Holstein and Jersey breeds, as well as second place in oral reasons. Team B — Sadee Mehuren, Elida Mehuren of Searsmont, Ruth Huettner of Monson, and Cali Ann Leach of Arundel — placed fourth with second-place finishes in both the Brown Swiss and Milking Shorthorn breeds. Sadee Mehuren was the high individual overall in the event, with Merriman and Wright finishing third and fifth, respectively. In the Grilled Cheese Sandwich Competition, Stanley, Conant and Jaymee Rankin of Windham finished second in the Non-Traditional Category. Results of the Cattle Quality Classes were as follows: In the Ayrshire breed, class winners included Mackensie Schofield's fall calf, Hardy Farm Pride Kaylee; Lyman native Elizabeth Clock's spring yearling heifer, Ridgeview Homerun Jelly; and Caruso's winter yearling heifer, Vieux Village Distinction Mia. Mackensie Schofield's heifer was Junior Champion and Reserve Grand Champion of the breed. In the Brown Swiss, New Sharon native Kristen Davis' junior two-year-old cow, Roseledge-SS Brook Zenith, received first place and was named Senior and Grand Champion of the breed. In the Holsteins, class winners were Rankin's junior calf, Baker-Brook Shottle Rascal and Conant's winter yearling heifer, Conant-Acres Mctch Lisha-ET. Conant's heifer was named Junior Champion with the Reserve Junior Champion going to Rankin's calf. In the Jerseys, class winners included Knox native Shaynen Schofield's summer yearling, Concept Impression Eloise; Stanley's spring yearling, Venerable Carmen; and Nicole Schofield's winter yearling, Happy Acres Verbatim Quest. Shaynen Schofield's heifer also was Junior Champion. In the Milking Shorthorns, Lyman native Jacklyn Bearse's winter yearling, East Coast Faith was first. In the Fitting and Showmanship Competition, three Maine youth placed first in their age groups. They included Rankin, Stanley and Davis. Davis was named Senior Champion Showsperson from among 81 competitors in her age group. Other team members include Hayley Grant of Buxton and Patrick Hussey of Limington.

Wittmann named American Physical Society Fellow

08 Oct 2015

Michael Wittmann, chair of the Department of Physics and Astronomy, professor of physics, and cooperating professor of education, has been elected a Fellow of the American Physical Society. Fellowship in the American Physical Society is limited to no more than one half of 1 percent of the membership and is a recognition by peers of outstanding contributions to physics. Wittmann was cited for foundational research into student learning of physics, pioneering work in K–12 teacher development, and leadership in building community for physics education researchers. Wittmann is a founding member of the Maine Center for Research in STEM Education (RiSE Center). His work has looked at student understanding of wave physics and quantum mechanics, and student use of advanced mathematics in physics. He is editor of the Physics Education Research section of the “American Journal of Physics,” and organizer of the international biennial conference on the Foundations and Frontiers of Physics Education Research. Since 2010, he has been a leader in the Maine Physical Sciences Partnership, a coalition of the University of Maine, Maine State Department of Education, multiple nonprofits and nearly 30 school districts. In this capacity, he has helped create an education community centered around improving the teaching and learning of science in grades 6 to 9, focusing on understanding student ideas about science in greater detail.

Explore soil, extinctions at UMaine 4-H Science Saturday

08 Oct 2015

The connection between fire, people, soil and extinct foxes is part of a University of Maine Cooperative Extension 4-H Science Saturday from 10 a.m. to 1 p.m. Oct. 24 at Sawyer Environmental Research Center on the UMaine campus in Orono. Youth in grades six through eight will learn to use a coring device to collect soil sediments that are thousands of years old. Sediments give a snapshot of past ecosystems, as well as extinctions and how humans interacted with and changed the environment. Participants will obtain data from the cores and learn how past fires affected the environment and wildlife. The event is open to as many as 15 youth. The \$8 per person fee includes lunch. Register [online](#) by Oct. 15. For more information, or to request a disability accommodation, contact Jessy Brainerd at 581.3877 or jessica.brainerd@maine.edu.

Study on buying locally grown food cited in Greenhouse Management article

08 Oct 2015

A three-state study that includes researchers from the University of Maine was mentioned in the Greenhouse Management article, “New Hampshire consumers will pay more for locally grown produce.” The project, “Sustaining and Enhancing Local Agriculture in Rural Areas: Assessing Key Producer and Consumer Issues in Northern New England,” is funded by USDA/AFRI and includes UMaine economics professors Todd Gabe and James McConnon, as well as researchers from Vermont and New Hampshire.

Smith discusses art exhibit with Portland Phoenix

08 Oct 2015

[The Portland Phoenix](#) reported Owen Smith, a new media professor at the University of Maine, has art in the exhibition, “[You Can’t Get There From Here: The 2015 Portland Museum of Art Biennial](#).” The exhibit, curated by Alison Ferris, accentuates the artistic process at play in the contemporary art scene in Maine, according to the article. Visitors to the museum can lie down on yoga mats and take in the four films Smith created while waiting for inspiration, the article states. He said college art students are more media savvy these days. “Even 10 years ago, you could see a difference between those with digital backgrounds and those without. That baseline is now a given,” he said, noting that UMaine draws as much as 60 percent of its students from in state. “I’ve been really impressed by the quality and curiosity of students I’ve had a chance to interact with.” The [Bangor Daily News](#) also reported on the exhibit.

Lichtenwalner quoted in Press Herald article on E. coli contracted at fair

08 Oct 2015

Anne Lichtenwalner, a University of Maine professor, veterinarian and director of UMaine’s Animal Health Laboratory, spoke with the [Portland Press Herald](#) for an article about state health officials trying to determine the strain of E. coli that sickened two toddlers who visited the Oxford County Fair. Lichtenwalner said officials need to know what is causing an illness while weighing when to send out a public notice, according to the article. “First, they want to be sure of their facts. That’s critically important. The last thing you want to do is cause a panic,” she said.

Companies with UMaine ties awarded MTI grants, Press Herald reports

08 Oct 2015

The [Portland Press Herald](#) reported two companies with ties to the University of Maine were among four Maine startups to be awarded a grant from the Maine Technology Institute. MTI, a state-backed agency that supports innovative companies, provided Business Accelerator Grants worth \$92,414 to companies developing products in the aquaculture, information technology and building supply industries, according to the article. Acadia Harvest in Brunswick, received a grant of \$49,975, which the company matched with \$657,685 from other sources. The commercial land-based, indoor fish farm is partnering with UMaine and its Center for Cooperative Aquaculture Research on an \$8 million project to raise black sea bass and California yellowtail. Revolution Research Inc., an Orono-based company started by two UMaine students that is developing new insulation products for the building supply industry, received \$15,000, which the company matched with a \$224,996 investment raised from other sources, the article states.

Coffin speaks about raising backyard poultry on WABI

08 Oct 2015

Donna Coffin, a University of Maine Cooperative Extension educator, was a recent guest on WABI (Channel 5). Coffin spoke about what it takes to raise backyard poultry, as well as the related courses offered by UMaine Extension and the Maine Department of Agriculture, Conservation and Forestry. The three fall workshops for new and future small-scale

meat and egg producers will be held 6–8 p.m. Oct. 14 at Bucksport High School, Oct. 27 at Nokomis Regional High School in Newport, and Nov. 3 at the Piscataquis County UMaine Extension office in Dover-Foxcroft. During the classes, Coffin and assistant state veterinarian Beth McEvoy will cover poultry breeds, housing, health and nutrition for backyard meat and egg producers. For more information, or to request a disability accommodation, call 564.3301 or 800.287.1491 (in Maine). [The Maine Edge](#) also advanced the classes.

SEANET research project featured on WLBZ

08 Oct 2015

WLBZ (Channel 2) covered the launch of buoys by scientists, students and aquaculture business owners to monitor water conditions in the Damariscotta River and Saco Bay. The buoys are part of a National Science Foundation's Sustainable Ecological Aquaculture Network (SEANET) project geared to assist the aquaculture sector maintain an environmentally and economically sustainable production path. SEANET is a five-year effort led by the University of Maine and the University of New England, according to the report. The researchers leading the buoy project said it's about trying to identify the most productive places for aquaculture, the report states. The Maine Public Broadcasting Network and [Journal Tribune](#) also covered a buoy launch in Saco Bay.

Dagher to be recognized as 2015 White House Transportation Champion of Change

09 Oct 2015

An official White House video of the Champions of Change event is available [online](#). Habib Dagher, founding director of the University of Maine Advanced Structures and Composites Center, will be recognized as a 2015 White House Transportation Champion of Change on Oct. 13, in Washington, D.C. The White House Champions of Change event, focused on "Innovators in Transportation for the Future," will be hosted by the U.S. Department of Transportation and the White House Office of Public Engagement. U.S. Secretary of Transportation Anthony Foxx will recognize 11 of the nation's top transportation innovators for their exemplary leadership in advancing transportation and leading change that benefits the nation's transportation system. Dagher is the primary inventor of the award-winning Composite Arch Bridge System known as the Bridge-In-A-Backpack™. Dagher's history of innovation includes being named on 24 patents with eight more pending. The White House Champions of Change program honors Americans who are empowering and inspiring members of their communities. At the event, honorees will highlight their efforts in advancing transportation during a panel discussion. In addition, a blog post and the biography of each honoree will be featured on the White House website. "Dr. Dagher has long been an innovative force in Maine, and we are delighted that his work is being recognized so prominently by the White House," said Senators Susan Collins and Angus King in a joint statement. "The University of Maine continues to prove that it is a first-class research institution, and Dr. Dagher and his team at the Composites Center are exemplary of that excellence." "Maine has benefited in so many ways from Habib Dagher's leadership at the university's Advanced Structures and Composites Center. From Bridge-In-A-Backpack™ to the VoltturnUS wind-power project, the brilliant innovations he has developed are opening many economic opportunities for the state's future," said Congresswoman Chellie Pingree. "I'm so glad the White House is recognizing his vision, leadership and ingenuity. Congratulations to him and his team on this well-earned honor." "Congratulations to Dr. Habib Dagher on being recognized as a White House Transportation Champion of Change," said Congressman Bruce Poliquin. "Dr. Dagher's Composite Arch Bridge System, also called Bridge-In-A-Backpack™, is the type of innovation that will help strengthen and modernize our transportation system. Again, congratulations to Dr. Dagher, and the University of Maine, on earning this terrific achievement, and I look forward to driving across one of your composite bridges in the future." "In his 30 years at the University of Maine, Habib has embodied the teaching, research and community engagement efforts at the heart of Maine's research university," said University of Maine President Susan J. Hunter. "He is an internationally recognized leader in his field addressing the needs of Maine, and his innovation has led to structural technologies that have improved transportation infrastructure, advanced economic development and saved lives. And in all these efforts, he has engaged hundreds of students — tomorrow's workforce — and created jobs. This national honor recognizes the achievement of hundreds of UMaine collaborators, and represents the strong partnership UMaine has with businesses and communities throughout the state." "There is a general perception that we here in the state of Maine are at the end of the road, that we have a limited future

and that we've just got to play the cards that we were dealt. Habib Dagher is an example of how mistaken the skeptics are with regard to Maine," said Pete Vigue, chairman and CEO of the Cianbro Companies. "A bright future comes with a vision, a plan and a strategy to take ideas forward and make them a reality. Dr. Dagher has proven with his accomplishments that Maine's vibrant future begins by believing that we are fully capable of creating it." The American Society of Civil Engineers (ASCE) nominated Dagher, noting that the composite arch bridge technology is "a wonderful example of knowledge transfer to the private sector and a valuable innovation to the transportation industry." ASCE also noted that, "Dr. Dagher's innovation in an academic setting with an eye towards delivering technologies that the private sector was ready to embrace exemplifies the importance of research in creating a more inspiring and efficient transportation system." The Composite Arch Bridge System is a lightweight, corrosion-resistant system for short- to medium-span bridge construction using FRP composite arch tubes that start out flat and packed in a bag. The tubes are inflated and bent to any curvature over a mold and infused with a resin. The tubes can cure in three hours, resulting in a lightweight curved hollow arch twice as strong as steel, which is then filled with concrete on site. Prior to placing the concrete, a lightweight 60-foot span arch can be lifted into place by two people. The FRP tubes serve three functions: They act as exoskeleton reinforcement for the concrete, as formwork for the concrete and as a protective layer for the concrete. The patented bridge technology saves both time and money, reduces the carbon footprint of the bridge by 30 percent compared to current technologies, and provides for up to a 100-year life. UMaine has licensed the composite arch bridge technology to a private startup company, [Advanced Infrastructure Technologies](#) (AIT), that designs and builds the bridges. Some roadway bridges have been built in less than two weeks, including the time it takes to remove the existing structure, resulting in fewer road closures and traffic disruptions. In 2014, the Composite Arch Bridge System was approved in the American Association of State Highway and Transportation Officials (AASHTO) bridge code — the first FRP composite bridge system to be approved in the U.S. bridge design code. "This award honors over a decade of groundbreaking research by Habib and the UMaine team and highlights the importance of our continued partnership in advancing the nation's transportation industry. We are honored to be commercializing the Composite Arch Bridge System across the globe," said Brit Svoboda, AIT chairman and CEO. Composite arch bridges have been installed in 18 locations in the U.S. and beyond by AIT. Dagher said, "I am truly humbled by the White House recognition. This award goes to UMaine Composites Center faculty including Professors Bill Davids, Roberto Lopez-Anido and Eric Landis, staff, and students, as well as AIT staff who commercialized the technology including Brit Svoboda, Ken Sweeney, Larry Abatiell, John Kenerson, Tim Kenerson, Matt Pellerin, Dan Bannon, and Wendell Harriman. I'd like to also thank the Maine Department of Transportation who continues to be a great partner of the center." Dagher and the UMaine Composites Center have received top industry awards for the composite arch bridge technology, including the 2011 Charles Pankow Award for Innovation by the American Society of Civil Engineers, the 2011 Engineering Excellence Awards by the American Council of Engineering Companies, and the 2010 Most Creative Product Award by the American Composites Manufacturers Association. Under Dagher's leadership, the UMaine Composites Center grew from an idea proposed to the National Science Foundation in 1996 to a 100,000-square-foot, world-leading research laboratory, with 180 full- and part-time employees and students, and the largest STEM-based research center at a Maine university. Dagher has received numerous awards, including the Carnegie Foundation Maine Professor of the Year and the Distinguished Maine Professor Award. He and his team at the UMaine Composites Center have a long history of engineering innovations, including developing the VoltturnUS 1:8, the first concrete and FRP floating wind turbine in the world, which became the first grid-connected offshore wind turbine in the U.S. in summer 2013. The center worked with the U.S. Army Natick Soldier Center to develop the Modular Ballistic Protection System (MBPS), which turns a military tent into a "walk-in helmet" that save lives. MBPS is now an approved product of the U.S. Army and is being manufactured by two Maine-based companies. The center also worked with the U.S. Army Corps of Engineers to develop patented blast-and hurricane-resistant wood buildings, achieving the enhanced qualities by applying a thin FRP coating to common wood studs and sheathing panels. Habib Dagher photograph available for download. Contact: Josh Plourde, 207.581.2117

Maine INBRE program recognized by MDF as Champion of Innovation

09 Oct 2015

The Maine IDeA Network of Biomedical Research Excellence (INBRE) was recognized as a Champion of Innovation at the Maine Development Foundation's 37th annual meeting in September. Maine INBRE is a collaborative network of Maine educational and research institutions led by the MDI Biological Laboratory and sponsored by the National Institute of General Medical Sciences (NIGMS) of the National Institutes of Health (NIH). The University of Maine and

UMaine's Honors College are part of the network. Maine INBRE aims to create a technically skilled workforce in the state through biomedical research training for undergraduates; provide research support to young faculty to increase their competitiveness for NIH biomedical research grants; and improve research infrastructures through a collaborative network of core facilities with state-of-the-art equipment. The network was selected as a Champion of Innovation because of its emphasis on workforce development and innovation, as well as its unique statewide partnership. More information about [Maine INBRE](#) and the [MDF](#) recognition are online.

Hancock County 4-H Awareness Day Oct. 17

09 Oct 2015

University of Maine Cooperative Extension 4-H in Hancock County is holding a 4-H Awareness Day 10 a.m.– 2 p.m. Saturday, Oct. 17 at Tractor Supply Co., 461 High St., Ellsworth. The day will include science activities, horse and pony rides, and displays with food for sale from area 4-H clubs and groups. For more information or to request a disability accommodation, call Joyce Fortier at 667.8212 or email joyce.fortier@maine.edu.

UMaine scientific divers win awards at AAUS Symposium

09 Oct 2015

Three scientific divers with ties to the University of Maine received awards at the 2015 American Academy of Underwater Sciences (AAUS) Symposium in Florida. Marissa McMahan, a Ph.D. candidate at Northwestern University in Illinois, is a former UMaine student and assistant instructor for an introduction to research diving course. She was the recipient of the 2014 AAUS Kathy Johnston Ph.D. Scholarship and 2015 AAUS Kevin Flanagan Travel Award. She also was recognized for having the best student presentation at the 2015 AAUS Symposium. Catie Mitchell, who was the AAUS-OWUSS intern at UMaine for summer 2015, received the 2015 AAUS Kevin Flanagan Travel Award. Amalia Harrington, a UMaine Ph.D. candidate working with Rick Wahle, was selected as a 2015 AAUS Kathy Johnston Ph.D. Scholarship winner.

Great Maine Apple Day previewed in Free Press

09 Oct 2015

[The Free Press](#) reported Great Maine Apple Day will be held from noon to 4 p.m. Sunday, Oct. 18 at the Maine Organic Farmers and Gardeners Association (MOFGA) Common Ground Education Center in Unity. The day is sponsored by MOFGA, Fedco and the University of Maine Cooperative Extension, and will feature apple sampling, talks, workshops, a tour of MOFGA's Maine Heritage Orchard, and local foods and products for sale, according to the article. Workshops will include a course on beginning beekeeping, as well as a hands-on lesson in making hard apple "cyser," a type of mead, the article states. Admission is \$2 for MOFGA members, \$4 for nonmembers, and children are free.

Emera Astronomy Center's October star shows advanced in Maine Edge

09 Oct 2015

[The Maine Edge](#) reported on scheduled public star shows in October at the University of Maine's Emera Astronomy Center. The Maynard F. Jordan Planetarium shows are held 7 p.m. Fridays and 2 p.m. Sundays. Friday nights in October feature "Origins of Life" and "Stars," narrated by Mark Hamill of "Star Wars" fame. Sunday afternoons feature "Magic Treehouse: Space Mission" and "Cosmic Colors." Admission to all shows is \$6, and seating is limited.

UMaine mentioned in Daily Astorian report on dragonfly study

09 Oct 2015

The University of Maine was mentioned in a [Daily Astorian](#) article about the Dragonfly Mercury Project that relies on national parks partnering with citizen scientists, such as students, to compile data. Biology students at Astoria High

School in Astoria, Oregon have been collecting dragonfly larvae for the National Park Service project, according to the article. The larvae, known as nymphs, are collected to determine their mercury levels, which help show overall levels in the national park ecosystems. High mercury levels could be dangerous to the dragonflies, fish, wildlife and humans, the article states. The samples are sent to either UMaine, U.S. Geological Survey or Dartmouth College laboratories to analyze the mercury.

Rebar quoted in BDN article on E. coli related to agritourism

09 Oct 2015

John Rebar, executive director of the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for the article, “E. coli infections highlight concerns for Maine farmers in agritourism.” State officials are trying to trace the source of two E. coli infections, one of them fatal, in young children who visited a petting zoo at the Oxford County Fair, according to the article. “Nothing beats hot water and soap and washing your hands the way we’re all supposed to,” Rebar said of the best way to protect against harmful germs. Exposure to E. coli usually is harmless but can occasionally be deadly if the animals or humans carry dangerous strains, the article states. “When you turn your farm into a tourist destination and open it up to the public, that creates a lot of different dynamics that don’t exist in a [commercial] farm,” Rebar said. “The safety of the tourists or your customer is paramount.”

Free Press advances 2015 Cohen Lecture

09 Oct 2015

[The Free Press](#) reported the University of Maine will host “America’s Response to Global Instability,” a discussion by three top national security officials on how the U.S. government decides on courses of action. The talk, set for 11 a.m. Tuesday, Oct. 27 at the Collins Center for the Arts, is the 10th in the William S. Cohen Lecture Series presented by UMaine’s Cohen Institute for Leadership and Public Service. Former Secretary of Defense William Cohen will be joined by Gen. Joseph Ralston, former supreme allied commander in Europe, and Ambassador Nicholas Burns, former under secretary of state for political affairs. Felicia Knight, president of The Knight Canney Group, will moderate the discussion. The talk is free and open to the public. To attend or request a disability accommodation, call 581.1153 or email umaineevents@maine.edu by Oct. 23.

WABI interviews alumnus celebrating 50th reunion

09 Oct 2015

WABI (Channel 5) spoke with Allan Arch, a 1965 University of Maine alumnus, who visited the campus from his home in Fort Lauderdale, Florida for his 50th reunion. Arch was a student during the university’s 100th anniversary and is experiencing another UMaine milestone as the institution celebrates its 150th anniversary this year. While Arch majored in history, he went on to join the Navy and then own an engineering business. “Every experience I had at the university was a good one, and I found I could compete in the world both in the service and outside, and I think that’s due to the fact that I got a great education here at UMaine,” he said. The [Bangor Daily News](#) also published an article on Arch.

Allan Arch: Celebrating UMaine for 50 years

09 Oct 2015

Allan Arch, a 1965 University of Maine alumnus, was a student during the university’s 100th anniversary. This October, he is experiencing another UMaine milestone as the institution celebrates its 150th anniversary. Arch of Fort Lauderdale, Florida returned to campus Oct. 7–8 for his 50th reunion. “I remember the 100th as a special year,” he says. “There were a lot of celebrations, some parades and most athletic events had some kind of related event. I am very excited to be part of the 150th.” Arch, who graduated with a bachelor’s degree in history, looked forward to his visit and seeing the changes from the last time he made it to his alma mater about 10 years ago. “We had a great time and went to a football game; watched the game from the President’s skybox,” he said of his 40th reunion. One of Arch’s fondest memories as a student was helping run the campus mayoral campaign for his Tau Kappa Epsilon fraternity brother,

Sarge Means. While Arch and Means were students, campus mayors were elected each spring to lead pep rallies in the fall before and during football games. Means looked “remarkably like Archie Andrews of comic book fame,” Arch says. So as part of the campaign, Means ran as Archie and was joined in a 50-car parade and skits by students who looked like the characters Jughead, Veronica and Betty, Arch recalls. “I had a Model T Ford, Sarge had a raccoon skin coat, and we drove around campus with everyone hanging on. The characters looked just like the comic book characters,” he says. When their opponent, a student who looked like Teddy Roosevelt, rode horses down the Mall like the Rough Riders, Arch says he thought their campaign was in trouble. “We didn’t win by much and it was, we were told, the most hard-fought, energetic, most student engaged of any campaign in the history of the mayoral competitions,” Means says. “What a super time.” As campus mayor, Means welcomed the freshman class to the university during orientation, instilling the importance of the “Maine Hello” and encouraging excitement for school activities. “I suppose the office would be called the keeper of the school spirit and the leader of the enthusiasm, especially around the athletic programs,” he says. While visiting his brother, who graduated from UMaine in 1959, Means saw the then-campus mayor working the crowd at a football game. “Right then I said I wanted to do that,” he says. “As for why, I can’t be sure, but I’ll have to honestly say it was most likely ego and the love of attention — wanting to be noticed and, hopefully, liked. Thanks to Allan [Arch], my fraternity brothers, and many, many classmates and friends who gave so much time and effort to our campaign, my dream came to fruition and I’ve never regretted that honor.” Arch remembers the excitement the campaign brought to the community. “It was great fun for the whole campus,” he says. “It was certainly one of the best times that I remember.” Besides holding various fraternity offices, Arch belonged to several singing groups on campus, including the Maine Steiners, UMaine’s oldest a cappella group. He also was recruited to become a cheerleader when Means decided there needed to be males on the team. Other than being campus mayor, Means was vice president of his class (1966) all four years, a founding member of an intramural hockey league, a Sophomore Owl and a Senior Skull. He also played fraternity sports, was a member of the freshman cross-country team, and served on planning committees for activities including Maine Day and Winter Carnival. One of Arch’s most memorable moments at UMaine, apart from the day Archie Andrews aka Sarge Means won the election, was being in constitutional law class when he learned President Kennedy was killed. It was about a month after the president visited campus on Oct. 19, 1963 to address the UMaine community on the football field in his last major foreign policy speech. Upon graduation during the Vietnam War, Arch joined the Navy, and met his wife Susan, a Virginia Beach teacher. In 1968 after leaving the Navy, he began his career with the family business, Southern Gear & Machine, Inc., an employee-owned company in Miami that manufactures open custom gearing. Arch, who continues to work at Southern Gear, has been married to Susan for 47 years, has two daughters, a son-in-law and two grandchildren. “When you graduate you don’t take a test on the way out to see what you learned or how well you are prepared for life after college — but I know that I got a great education at Maine because at Navy Officer Candidate School I graduated in the top five of 130 guys, and I competed with people from all around the country and from every level of colleges,” he says. “Maine tuned up my mind and taught me how to learn and to learn quickly. In my business life since then I have been doing gear engineering and again I have used the Maine education to learn quickly and well.” He credits his UMaine education with helping his business grow. “I continue to use my UMaine education every day,” he says. “I also wear my UMaine T-shirt and sweatshirt on a regular basis, and a UMaine bear and stein sit on my desk as a daily reminder.” Over the past few years, Arch has been involved with the Engineering School and has been connecting with Dean Dana Humphrey ever since his company donated gear machines to the machine shop on campus. “It has been a great connection and I hope it will continue,” he says. “To get benefits from my UMaine education 50 years later simply is remarkable and appreciated.” Means joined the Army upon graduation and retired in 2005. He spent the majority of his career involved in Army aviation as a pilot, instructor pilot and instrument flight examiner in fixed wing aircraft and helicopters. “My experience at the University of Maine set my course in life,” Means says. “If not for participating in ROTC, I really don’t know what I would have done.” Since retiring, Means, who lives in Florida with his wife and has two grown children, returns to Maine every five years for class reunions. “I have made all of them since the 25th,” he says, adding that he plans to attend his 50th reunion next year. Aside from reunions, Means remains in touch with about 10 classmates. “Campus life was everything to me, and I just felt like it was one big family,” he says. “So much so that whenever I see a Maine license plate or meet someone who attended the University of Maine, I immediately feel they are family. Maine had that ‘small town feel’ to me. I don’t know if larger universities are like that, but I am thankful Maine was that for me.”

Jade McGuire: Education major passionate about travel, volunteering

09 Oct 2015

This time last year, Jade McGuire was living aboard a cruise ship with 600 other college students from across the country as part of a Semester at Sea program that took her to more than a dozen countries spanning four continents. McGuire, a fourth-year University of Maine elementary education major and honors student from Augusta, Maine, says the experience opened her eyes and changed her perspective on the world. “I’ve told a lot of people since coming back from my Semester at Sea that I don’t view myself as an American citizen, I view myself as a world citizen. And that definitely shaped that,” McGuire says. Between ports, McGuire took classes aboard the ship. Assignments often involved field trips in the various cities where they docked. While she took only electives, at least one of her courses was somewhat related to her major – a class looking at education systems around the globe. “Being able to not only compare the education systems to each other, but to the United States was interesting,” she says. “In Morocco my field trip for that class was going to a public university in Morocco and getting to talk to the college students, getting their input on their education. And then when I was in Brazil, we went to some of the more poverty-stricken schools, and got to see what a school in Brazil in the favelas looks like.” The Semester at Sea program offered by the University of Virginia wasn’t the first time McGuire was able to travel outside Maine during her college experience. She’s also been involved in UMaine’s Alternative Breaks program. The student-led organization gives young people the opportunity to spend part of their school breaks volunteering throughout the United States. As a sophomore, McGuire went with Alternative Breaks to Denver, Colorado, where she volunteered at a children’s hospital. “You have people from all walks of life in your group and all different majors, and having them come together and work together for a common good was just, it was amazing,” she says. When school is in session, students with Alternative Breaks spend time working on issues or causes in Maine communities and on campus. McGuire is also involved with Black Bear Mentors, working with local youngsters in grades 3–8. She says such programs have instilled a passion for serving others. “I’ve always been into volunteering and done that. But I’ve had more opportunities to volunteer here, and to collaborate with other people to volunteer. So I think that’ll be something that’s lifelong for me,” she says. McGuire is preparing to graduate in May, taking 18 credits this semester, including work on her Honors College thesis and the 100-hour placement for her elementary education major, which involves observing a mentor teacher at Glenburn Elementary School one day per week. In January, she’s leading an Alternative Breaks trip to Washington, D.C., where she’ll volunteer with the Steinbruck Center, which works to end homelessness and hunger. She plans to take another 18 credits in the spring, when she’ll be doing her student teaching. After graduation, she plans to teach, and would like to one day get her master’s in the education field. The University of Maine has “gotten me prepared for where I’m going,” she says.

Tell me how you got involved with the Semester at Sea program? A long time ago, when I was still in high school, I got a packet in the mail explaining what a semester at sea was and I thought it was the coolest idea. I always really wanted to study abroad. Seeing 14 different countries is a lot more exciting than just seeing one.

Why minor in mathematics? I like math, and I’m good at it. So with the concentration you have to take 24 credits of whatever the subject is at the university, and math sounded like the most fun one for me to do. So, that’s what I went with.

Why UMaine? Honestly, I picked UMaine because financially it made the most amount of sense for me. Looking at my other options, it was a difference of \$70,000 in debt to go somewhere else. And my brother already went here and he liked it a lot. So I figured, who knows, maybe I’ll like it. I’ve made good friends here, and the programs I’ve been in have been great.

How would you describe the academic atmosphere at UMaine? I think it’s different for me, because I am in the Honors College, so more is expected of us. And it’s interesting, too, because everybody in the Honors College has different majors. You see the different majors interacting and viewpoints from not only different walks of life, but different academic areas connecting.

Have you worked closely with a mentor, professor or role model who has made your UMaine experience better? If so, who and how? Jane Wellman-Little has been absolutely fantastic. She was a teacher. She was a principal. So when she would teach us, she’d bring in her background knowledge, which just made it that much more real. You could ask her questions about things that might come up in the classroom and she would actually have experience (to share).

Describe UMaine in one word. For me, I guess I’d say “community.” And that’s mostly because I’m involved in those types of things like Alternative Breaks and Black Bear Mentors, where we do come together as a community to make a difference.

What’s your most memorable UMaine moment? I remember going to my first hockey game, and that was cool. I had never really been to a real hockey game, so actually going and seeing the atmosphere and see everybody knowing all the chants and everything to get pumped up for the game, it was cool.

What do you hope to do after graduation and how has UMaine helped you reach those goals? My current goal is to go straight into teaching. And I’m still getting prepped for that. Next semester I’ll be student teaching, which will help build my confidence a lot. I intend to come back to school eventually and get my Master’s in some form of education. But I’m not sure what yet. But my (Honors College) thesis is definitely helping with that, because when I apply for grad schools that will show that I can do grad school level work, which is good. So I’m very grateful for the

opportunity to be in the Honors College that has been good for me. I know it's going to do great things for me later in life. **What's the most interesting engaging or helpful class you've taken at UMaine?** Children's literature with Jane Wellman-Little. **What difference has UMaine made in your life?** It's gotten me prepared for where I'm going after I graduate, mostly in the academic sense, but also socially, because I've always been into volunteering and done that. But I've had more opportunities to volunteer here, and to collaborate with other people to volunteer. So I think that'll be something that's lifelong for me. I don't expect that I'll ever stop volunteering. And then being able to go on my Semester at Sea, that obviously has forever lasting impacts on me, not only just different perspectives from different worldviews, but friendships as well. I made friends with people all over the country and some in different countries and I'm connected with all of them on Facebook and seeing their posts and their perspectives on different things that are going on in the world, I'm still learning from them. So, that's great.

Live stream available of White House awards ceremony honoring Dagher

13 Oct 2015

The White House will provide a live stream of the 2015 Champions of Change awards ceremony starting at 1:30 p.m. Tuesday, Oct. 13. The event will focus on "Innovators in Transportation for the Future," and will recognize Habib Dagher, founding director of the University of Maine Advanced Structures and Composites Center. Dagher is among 11 of the nation's top transportation innovators that will be honored for their exemplary leadership in advancing transportation and leading change that benefits the nation's transportation system. Dagher is expected to take part in the panel discussion, "Innovators Moving America Forward," from 2:25 to 2:50 p.m. following the award ceremony.

MaineESP receives 2015 Philip Marcoux Award

13 Oct 2015

The Maine Elementary Sciences Partnership (MaineESP) received the 2015 Philip Marcoux Award from the Maine Science Teachers Association (MSTA) at its annual conference in Gardiner on Oct. 9. The award recognizes a science education professional or partnership that makes continuous and enduring contributions to science education; demonstrates capacity for creating and implementing successful science education-related activities; shows creative approaches to improving student achievement in science; and makes a permanent contribution to MSTA by integrating with national initiatives, promoting the science education profession, or providing training and resources to other science education professionals. MaineESP is a partnership among the Maine Center for Research in STEM Education at the University of Maine (RiSE Center) and more than 50 school districts in the state working together to strengthen elementary science education. The partnership leverages an innovative model of teacher leadership to share professional development across Maine. Science Resource Partners are selected from each of the more than 100 partnering schools to join a regional and statewide professional learning community with STEM and STEM education faculty from UMaine. Partners receive preparation and support to lead study groups in their schools about research-supported and innovative instructional strategies for science teaching. Now in its third year, MaineESP has provided ongoing professional development for more than 1,000 teachers across the state, supporting hands-on and engaging science education for more than 15,000 children in Maine classrooms.

Media report on Maine 4-H youth placing at regional dairy competition

13 Oct 2015

The [Daily Bulldog](#) and [Sun Journal](#) carried a University of Maine news release about participants of Maine 4-H, an educational youth program of the University of Maine Cooperative Extension, competing at the Eastern States Exposition in Springfield, Massachusetts. Nineteen students and their project animals competed — and placed — against more than 150 youth from around New England in a variety of dairy competitions.

Press Herald quotes Eddy in article on sustainable aquaculture in Maine

13 Oct 2015

Steve Eddy, a biologist with the Center for Cooperative Aquaculture Research at the University of Maine, spoke with the [Portland Press Herald](#) for the article, “Farmed salmon from Maine now comes with more sustainability.” Modern Maine salmon farmers practice something similar to crop rotation, according to the article. Eddy said all permitted farm sites are selected to ensure adequate flushing (when the waves and currents disperse waste from fish pens) when the pens are full of salmon, the article states.

Crittenden writes BDN article on dental care myths

13 Oct 2015

Jennifer Crittenden, assistant director of the University of Maine Center on Aging, wrote an article for the [Bangor Daily News](#) titled, “Getting older doesn’t mean losing your teeth, and other myths about your chompers.” Crittenden wrote about three common myths related to aging and dental care, and the steps that can be taken to better care for teeth.

Rubin quoted in MIT article on fuel economy standards, global climate policy

13 Oct 2015

Jonathan Rubin, a professor of resource economics and policy at the University of Maine, was quoted in the [MIT News](#) article, “Vehicle fuel economy standards as global climate policy.” MIT researchers — led by Valerie Karplus, assistant professor of global economics and management — have compared the worldwide economic, environmental and energy effects of currently planned fuel economy standards with those of region-specific carbon prices designed to yield identical carbon dioxide emissions reductions, according to the article. “The new paper by professor Karplus and her colleagues provides important new insights into the role of efforts by nations around the world to reduce petroleum use and greenhouse gas emissions from the transportation sector,” Rubin said. “The research shows that the often-used policy of requiring fuel economy improvements, while capable of reducing petroleum use, is significantly more expensive than other, economy-wide options which are more cost-effective at reducing greenhouse gas emissions.”

UMaine Extension included in WAGM ‘Harvest Happenings’ segments

13 Oct 2015

The University of Maine Cooperative Extension was mentioned in “Harvest Happenings” segments on WAGM (Channel 8 in Presque Isle). Steve Johnson, a crops specialist with UMaine Extension, was interviewed for “[Harvest Happenings Part 10: Late Blight](#).” Johnson said late blight has been responsible for Aroostook County losing 5 to 10 percent of the potato crop in years past, as well as subsequent storage losses and quality reductions. He said the disease starts with an organism that’s classified as an algae that causes infections in potato foliage and in the tubers themselves, according to the report. “[Harvest Happenings Part 12: Preparing Young People](#)” focused on the sustainable agriculture concentration at the University of Maine at Presque Isle. The concentration is part of UMPI’s Environmental Science and Sustainability program which collaborates with UMaine Extension to provide students with the business skills they need to become a member of the local agriculture community, according to the report.

Bayer speaks with Seacoastonline about lobster shell disease

13 Oct 2015

Bob Bayer, executive director of the Lobster Institute at the University of Maine, spoke with [Seacoastonline](#) for an article about shell disease becoming an increasing problem for lobstermen in Kittery. Lobster shell disease has been prevalent in southern New England for more than 20 years, according to the article. Although less than 1 percent of lobsters found in the Gulf of Maine are affected, anecdotal evidence suggests there are higher incidents of the disease in the Piscataqua River region, the article states. “I’ve heard that that area has been a hotspot on and off for a while,” Bayer said. “I think that this may be something unique to the Piscataqua River, based on conversations I’ve had with fishermen in that area.” He said the environmental reasons for the disease remain uncertain, but pesticides and other water quality issues likely play a part. Warming waters may be a factor as well, “but we’re not sure of that connection,” Bayer said.

AP quotes Brewer in report on Rep. Bruce Poliquin's campaign finances

13 Oct 2015

The Associated Press spoke with University of Maine political science professor Mark Brewer for an article about Republican Rep. Bruce Poliquin continuing to raise campaign funds. Poliquin has raised \$450,000 in the past three months, bringing his total for this campaign cycle to more than \$1.5 million, according to the article. In Maine's northern district, Democrats hope to unseat Poliquin in a presidential election year that promises higher turnout than in 2014, when he defeated Democrat Emily Cain, who is seeking a rematch, the article states. "If it ends up with a Poliquin-Cain matchup, we're going to shatter records for a House race. The sheer amount of money is going to be staggering," Brewer said. [The Washington Times](#) and [Portland Press Herald](#) carried the AP report.

The Day covers Judd's UConn talk on farm-to-table movement

13 Oct 2015

[The Day](#) reported University of Maine historian Richard Judd was the keynote speaker of the "Farm to Table through Time: Environmental History and Local Food Production in New England" conference at the University of Connecticut. Judd spoke about the historical context for the recent resurgence of interest in locally grown products in New England, according to the article. He said the farm-to-table movement in New England continues a tradition of agriculture built on a strong "sense of place," the article states.

Center on Aging's Encore Leadership Corps mentioned in BDN article

13 Oct 2015

The [Bangor Daily News](#) spoke with Jennifer Crittenden, assistant director of the University of Maine Center on Aging, for the article, "Harnessing baby boom energy in Maine: Volunteers key to positive change." Crittenden spoke about the [Encore Leadership Corps](#), a program she manages through the center. The program provides training and support to Mainers 50 and over who want to give back to their communities, satisfying goals of their own in the process, according to the article. Baby boomers often prefer to solve a problem and be given the autonomy to come up with solutions, rather than be assigned a set of tasks on a schedule, Crittenden said. "Often, they are still working or have other commitments, so being able to shape how they engage is really important," she said.

Peterson tests safety of Kentucky track after horse injuries, media report

13 Oct 2015

The Lexington-Herald Leader reported Mick Peterson, a University of Maine professor of mechanical engineering and executive director of the Racing Surfaces Testing Laboratory, tested the safety of the Keeneland track in Lexington, Kentucky after three horses suffered fatal breakdowns. Peterson worked with officials to review testing and daily measuring procedures to ensure the safety of the dirt track, according to the article. According to a Keeneland news release, Peterson's review found the dirt surface met all the pre-meet test criteria and all maintenance had been performed in accordance with protocols developed for the track. "Keeneland, along with a small group of industry leaders, has made a commitment to advancing knowledge and providing the most consistent surfaces in the industry," Peterson said in the release. The [Bangor Daily News](#) carried the Lexington-Herald Leader article. KyForward, [The Horse](#) and [Paulick Report](#) also reported on Peterson's assessment.

Media report on Dagher's White House honor

13 Oct 2015

[Composites World](#), [Politico](#), The Associated Press, [Bangor Daily News](#), WABI (Channel 5), WLBZ (Channel 2), [Q 106.5 FM](#), [Portland Press Herald](#), [Mainebiz](#) and [Lebanese Examiner](#) reported Habib Dagher, founding director of the University of Maine Advanced Structures and Composites Center, is being recognized as a 2015 White House

Transportation Champion of Change. The White House Champions of Change program honors Americans who are empowering and inspiring members of their communities. Dagher will be honored at the Oct. 13 White House Champions of Change event in Washington, D.C. The event will focus on “Innovators in Transportation for the Future,” and will recognize 11 of the nation’s top transportation innovators for their exemplary leadership in advancing transportation and leading change that benefits the nation’s transportation system. Dagher is the primary inventor of the award-winning Composite Arch Bridge System known as the Bridge-In-A-Backpack™. Dagher’s history of innovation includes being named on 24 patents with eight more pending. “I’m really, really humbled,” Dagher told the BDN. “[The award] really belongs to the entire center, to the entire team.” Daily Journal, Maine Public Broadcasting Network, WGME (Channel 13 in Portland) and [Seacoastonline](#) carried the AP report.

UMaine’s Advanced Manufacturing Center a resource to Maine businesses

13 Oct 2015

<https://youtu.be/zrdowv7PWDI> [Transcript](#) The [Advanced Manufacturing Center](#) (AMC) at the University of Maine is a first-class resource for businesses and entrepreneurs. Each year, the AMC produces dozens of prototypes for industries, inventors, and small businesses. The AMC provides product prototyping services, consultation, product research, product testing, and commercialization services. Want to add the latest engineering and manufacturing technologies to your business? The AMC has state-of-the-art tools available for use, including 3-D printing and laser scanning, CNC machining, metal cutting, and more. In partnership with MTI, a non-profit organization offering competitive business innovation grants and seed grants, the AMC helps small businesses and entrepreneurs obtain early-stage capital. These partnerships are critical to help entrepreneurs develop and commercialize their products. In this video, Director John Belding talks about the benefits of partnering with the AMC and the invaluable experience students gain working at the facility. To learn more visit umaine.edu/amc. UMaineMatters is a collection of testimonials showcasing the resources and services offered by the University of Maine and its partners. UMaine helps new and existing businesses, connects entrepreneurs with industry experts, and supports innovation that grows Maine’s economy and benefits our communities. To view more UMaineMatters videos, visit umaine.edu/econdev/umaine-matters. **Transcript** The Advanced Manufacturing Center is a university economic development resource. What we do is work with companies and businesses to help them develop, execute and commercialize new products, new processes and anything related to manufacturing. We do food products, we do wood manufacturing, we do metal manufacturing, we do plastics manufacturing, we work with composite manufacturers as well. If somebody has an idea or a concept where they want help developing a prototype, developing a manufacturing solution, what they will do is come and meet with us, we’ll sit down and come up with a complete scope of work. We will work with them on financing if they need to, mostly MTI, Maine Technology Institute but also CEI, other groups here in the state that help with financing. We’ll build the prototype, do the testing on it and then help them commercialize that product as well. We have a 3-D printer machine, which can print many different types of plastics, the hard plastic, the more flexible plastic. Any part that we can draw on the computer, we can make it out of plastic. We have a FARO EDGE laser scanning arm. It can scan in any type of object, so we can go right from the scanned part to a 3-D printed part, we can change the size, shape, whatever we want to do and then print that part off or we can also go into CNC equipment and actually machine it. We have a machine that will actually cut metal using a wire, because the wire is electrified and it erodes the metal all the way through so then it will cut off the metal and it’s very accurate, it’s similar to the waterjet type system but it’s much more accurate and you can use it for cutting exact parts. We’re using it for cutting samples for Bangor Natural Gas. At the Advanced Manufacturing Center students are very important to our operation here. We hire students usually in their sophomore, junior year, both mechanical and electrical engineering students. They come to work for us just as any other student would work for a company or business as an intern. What those students get is basically two to three years of hands-on project management, engineering experience that is invaluable. Students are very sought after, after they graduate here from the university. For example, GE in Bangor has 10 AMC former students. When we develop something, we’re not going to develop it in a vacuum, we’re actually going to develop it so that we can transfer that knowledge to those private manufacturers here in the state, which can really help that company get off the ground and get moving. Whether it’s the innovation center or whether it’s the business school, we’ll actually help pull a team together to make sure that they have all of the aspects they need to be able to make a good go of it as a business. [Back to article](#)

UMaine economist’s new report on the value of a college education released by the Lumina Foundation

14 Oct 2015

As the cost of a higher education rises, some students, parents and policymakers are finding themselves asking, “Is it worth it?” According to a new Lumina Foundation report by the University of Maine Margaret Chase Smith Policy Center professor Philip Trostel, the answer is a resounding, “Yes.” In the 73-page report “It’s Not Just the Money: The Benefits of College Education to Individuals and to Society,” Trostel finds that the benefits of a higher education extend far beyond earnings. “In some contexts, an issue basically boils down to the monetary bottom line. In other contexts, though, focusing just on the dollars is like throwing the baby out with the bathwater. The value of a college education is one such example,” says Trostel, a UMaine professor of economics and public policy. For example, Americans with bachelor’s degrees (but without graduate degrees) in 2012 were 44 percent more likely to report their health being “very good or excellent” over high school graduates never attending college. The probability of being in prison or jail was 4.9 times lower and the probability of being married was 21 percent higher. However, Lumina Foundation’s report makes it clear that the benefits of a college education extend far beyond the individual to the community as a whole. According to the research, a college graduate in 2012 was 2.3 times more likely to volunteer in his or her community, while voting and political involvement were also significantly higher when compared with nongraduates. Other benefits associated with having college graduates in the community included a 1.9 times higher involvement in school, community service, and civic and religious organizations. In addition, graduates were 3.2 times more likely to be leaders in those organizations. “The evidence is overwhelming that college pays off in a big way, both for individuals and for society,” Professor Trostel says. Although the Lumina Foundation report aims to expand the knowledge of the less-understood benefits of a college education, it doesn’t minimize the financial payoff of a college education. Annual earnings among graduates were \$32,000 higher on average and the incidence of poverty was 3.5 times lower, meaning that a college education still pays off, no matter which way you look at it. Lumina, based in Indianapolis, is an independent, private foundation committed to increasing the proportion of Americans with high-quality degrees, certificates and other credentials to 60 percent by the year 2025. Trostel, who joined the Margaret Chase Smith Policy Center in 2001, is a professor in the School of Economics and the School of Policy and International Affairs at the University of Maine. Contact: Carmedy West, 716.471.6383

Black Bear 5K Oct. 25

14 Oct 2015

The University of Maine will host the Black Bear 5K at 11 a.m. Sunday, Oct. 25. The race is part of the [Tradewinds Marketplace/Sub 5 Track Club Road Race Series](#) and is sponsored by UMaine Campus Recreation. The \$12 registration can be completed at the front desk of the New Balance Student Recreation Center or by filling out the [online](#) form and mailing it to Campus Recreation. All early entries must be received by Campus Recreation no later than 4 p.m. Friday, Oct. 23. The first 70 participants will receive a T-shirt. Late registration and bib pickup will be held in the New Balance Field House from 9:30 to 10:50 a.m. on race day. Shower and restroom facilities will be available for runners. Refreshments and an award presentation will follow the race. For more information, contact race director Thad Dwyer at 581.1234 or visit the Campus Recreation [website](#).

Chamber opera by Wiemann, Moxley selected for New in November festival in Connecticut

14 Oct 2015

An excerpt from “Until the War Is Over,” a chamber opera by composer Beth Wiemann, University of Maine professor of music and chair of the Music Division of the School of Performing Arts, and poet Jennifer Moxley, UMaine professor of English, will be performed at the New in November festival, Nov. 15 in Hartford, Connecticut, sponsored by Hartford Opera Theater. The opera is based on a novel by American poet H.D. (Hilda Doolittle). Sample recordings of the opera are [online](#). “Until the War Is Over” was selected for performance in this year’s New in November festival from more than 40 submissions. Hartford Opera Theater established the festival in 2010 to “seek out and encourage contemporary opera composers and to create an opportunity for the community to experience performances of these new works,” according to the company’s website. Each year, the festival features six 10-minute scenes from new operas. This is the first collaboration between [Wiemann](#) and [Moxley](#). Wiemann’s compositions have won awards from the Orvis Foundation, Colorado New Music Festival and others. This spring, Moxley received the 2015 William Carlos

Williams Award from the Poetry Society of America for her book, "The Open Secret." Wiemann and Moxley are collaborating with the Division of Theatre/Dance for a performance of an excerpt, expected in 2016.

Volunteers sought for online aphasia communication group, Maine Edge reports

14 Oct 2015

[The Maine Edge](#) published a University of Maine news release announcing participants are being sought for an online aphasia communication group as part of a research project being led by Judy Walker, an associate professor of communication sciences and disorders. The project aims to determine if people with aphasia — a disruption in the ability to communicate typically caused by a stroke — can benefit from participation in an online communication group. Participants will use their home computers and a secure video conferencing system to meet with others who have aphasia for 1.5 hours per week for 12 weeks. For more information, contact Walker at 581.2003 or judy.perkins.walker@umit.maine.edu.

BDN publishes op-ed by Butler

14 Oct 2015

The [Bangor Daily News](#) published the opinion piece "'Complete streets' make Maine communities more walkable, bikeable, livable" by Susan Buzzell, an independent blogger and cyclist living in Orono, and Sandra Butler, a professor of social work at the University of Maine. Butler also is a member of the Maine chapter of the national Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members' columns appear in the BDN every other week.

I-95 previews UMaine Homecoming, Open University Day events

14 Oct 2015

[Bangor's Classic Rock Station I-95](#) (95.7 FM) advanced University of Maine Homecoming events slated for Oct. 16–18, including the Craft Fair, athletic events, star shows, performances and Open University Day. More information about Homecoming and Open University Day is [online](#).

Tri-Town Weekly cites Brzozowski, Yarborough in article on burning blueberry fields

14 Oct 2015

Richard Brzozowski, a small ruminant and poultry specialist with the University of Maine Cooperative Extension, spoke with Tri-Town Weekly for an article about a controlled burn of a Freeport blueberry field, as suggested by the town and UMaine Extension in Cumberland County. Brzozowski said he connected town officials with David Yarborough, a blueberry specialist with UMaine Extension and professor in the School of Food and Agriculture, to determine the best way to combat small trees and weeds that are growing in the four acres of wild blueberries. "His job is to do research and educational programs," Brzozowski said. "He suggested they get soil tests. You want low pH, or acidic soil, for blueberries." Brzozowski said a combination of bush-hogging and burning is advised to control weeds and insects in blueberry fields. "What you're trying to do is to burn so you're getting rid of any disease impact," he said. "Blueberries are low to the ground. The life is in the roots, which are underground. They come back after a burn."

Maine Edge interviews Tim Sample ahead of UMaine visit

14 Oct 2015

[The Maine Edge](#) spoke with Maine humorist Tim Sample ahead of his two appearances as part of the University of Maine's 150th anniversary celebration Saturday, Oct. 17, during Homecoming Weekend. At 7 p.m., Sample, will read passages from Stephen King's new short story "Drunken Fireworks." Sample, who narrated the recently released audiobook, also will talk about his career and his collaboration with King, who called the recording a "wild ride." The

free public event in 100 D.P. Corbett Business Building will be followed by a book signing. “[‘Drunken Fireworks’] is very specifically a Maine humor piece,” Sample told The Maine Edge. “[King] is a force of nature.” Earlier that day, Sample will take part in an informal discussion with UMaine students and faculty at the Black Box Theatre in Class of 1944 Hall. Sample also spoke about his upcoming UMaine appearances while he was a guest on the "[Downtown with Rich Kimball](#)" radio program on WZON AM620.

BDN covers Kaye’s speech about housing options for baby boomers

14 Oct 2015

The [Bangor Daily News](#) quoted a speech by Len Kaye, director of the University of Maine Center on Aging, in the article, “Aging expert: Boomers will demand new housing options.” Kaye, who spoke at the Maine Affordable Housing Conference in Bangor, said the generation born between 1946 and 1964 is entering retirement age, and housing planners and developers should anticipate a wave of assertive baby boomers, according to the article. During his speech, Kaye said Maine is on track to be the state with the largest population of baby boomers by 2020, the article states. “The longevity revolution is upon us,” he said at the conference that attracted hundreds of housing and service providers, planners, builders, designers and lenders.

Extension home landscape design course begins Oct. 24

15 Oct 2015

A six-session home landscape design course offered by University of Maine Cooperative Extension in Somerset County begins 10 a.m. to noon Saturday, Oct. 24 at the UMaine Extension office, 7 County Drive, Skowhegan. The rain date is Oct. 31. The five remaining classes are scheduled for 6–8 p.m. Nov. 3 and 17, Jan. 12 and 26, and Feb. 9. Extension staff and Master Gardener Program volunteers will lead the course. Topics include garden designs and features, plant choices and nutrition, hardscapes and soil improvement. Participants design their own garden landscape. The class fee is \$20. More information and registration is [online](#). To request a disability accommodation, call Pete Bastien, 474.9622.

NPR’s ‘From the Top with Host Christopher O’Riley’ to be recorded live at CCA

15 Oct 2015



“From the Top with Host Christopher O’Riley,” a showcase for young musicians that is broadcast weekly on Maine Public Radio, will be recorded live at 3 p.m. Sunday, Oct. 25 at the University of Maine Collins Center for the Arts. Renowned violinists and American fiddlers Mark and Maggie O’Connor will perform with talented classical musicians, including Devin Adams, a 17-year-old bassoonist from Limerick, Maine. Adams performs in the Portland Youth Symphony Orchestra and the Portland Youth Wind Ensemble and has soloed with the Bangor Symphony Orchestra. Other scheduled performers are: Olivia Marckx, a 16-year-old cellist from Bellevue, Washington; Nathan Meltzer, a 15-year-old violinist from New York City; and Hae Sue Lee, a 15-year-old violist who lives in Philadelphia. In its 15th year, NPR’s “From the Top’s” live recordings annually reach more than 20,000 audience members across the U.S. In conjunction with the national tour, it offers leadership training to young artists and conducts classroom and community programs. “From the Top” is broadcast on Maine Public Radio at 8 p.m. Sundays; this episode is scheduled to air in December. More information about “From the Top with Host Christopher O’Riley,” is [online](#). For tickets and more information about the live recording, visit the CCA [website](#).

BDN previews presentation on aging, mental health

15 Oct 2015

The [Bangor Daily News](#) reported Rabbi Richard Address will deliver presentations in Greater Bangor, including at the University of Maine, for family caregivers, along with health care providers, spiritual leaders and others who interact regularly with older adults. Address is a proponent of “sacred aging,” his philosophy that people of any faith background — or none — can find strength and support in spiritual texts and rituals that confer meaning and dignity on the milestones of advancing years, according to the article. Address will deliver the free talk, “Sacred Approaches to Aging and Mental Health,” from 3:30 to 5 p.m. Thursday, Oct. 22 in Barrows Hall, the article states.

Maine Edge advances home landscape design course

15 Oct 2015

[The Maine Edge](#) reported the University of Maine Cooperative Extension in Somerset County will offer a six-session home landscape design course beginning 10 a.m.—noon, Saturday, Oct. 24 at the UMaine Extension office, 7 County Drive, Skowhegan. The five remaining classes are scheduled for 6–8 p.m. Nov. 3 and 17, Jan. 12 and 26, and Feb. 9. Extension staff and Master Gardener Program volunteers will lead the course. Topics include garden designs and features, plant choices and nutrition, hardscapes and soil improvement. Participants design their own garden landscape. The class fee is \$20. More information and registration is [online](#).

Rice quoted in BDN article on Old Town mill's future

15 Oct 2015

Robert Rice, a wood science professor at the University of Maine, was quoted in a [Bangor Daily News](#) article about the future of the Old Town mill that is scheduled to close again by the end of the year. In the last 35 years, the mill has changed owners six times, including three times in the last decade, according to the article. Much of the growing pulp competition has come from Asia, particularly China and Indonesia, the article states. With mills churning out pulp overseas, a large inventory of readily available pulp has lingered on the market over the last few years, Rice said. “Why make it if you can buy it cheaper?” he asked.

AP speaks with Kelley about Louisiana's coastal crisis, role of next governor

15 Oct 2015

Joseph Kelley, a professor of marine geology in the University of Maine School of Earth and Climate Sciences and Climate Change Institute, was quoted in an Associated Press article about how Louisiana's next governor will play a crucial role in the state's coastal crisis. The governor is expected to either aggressively work to save the coast or miss a prime opportunity to stop the state from slipping further into the Gulf of Mexico, according to the article. “Scientists know what to do, it's the institutions that fail us,” Kelley said, adding political leaders in Louisiana have been unwilling to take bold steps to fix erosion, often because of unwillingness to upset industries and interests. He said Louisiana's “intractable” problem with land loss will mean “no more Band-Aid” fixes and aggressively pushing ahead with plans to let the Mississippi River run wild again to rebuild the delta, the article states. [The Times-Picayune](#), [Shreveport Times](#) and Miami Herald carried the AP report.

WVH interviews Dean Humphrey about Open University Day

16 Oct 2015

WVH (Channel 7) spoke with University of Maine College of Engineering Dean Dana Humphrey about Open University Day, which is slated from 10 a.m. to 3 p.m. Saturday, Oct. 17. In celebration of the university's 150th anniversary, the day will feature tours, presentations, performances and more at nearly 30 venues on campus, including labs, research facilities, museums, farm, planetarium and classrooms. “These are key facilities for Maine and these are key facilities for our students,” said Humphrey, who is chairman of UMaine's 150th Anniversary Committee. More information about Open University Day is [online](#). Humphrey also spoke with WABI (Channel 5) ahead of the event.

UMaine Extension advises taking hay inventory

16 Oct 2015

University of Maine Cooperative Extension advises farmers to take inventory of livestock feed and forage resources before winter. Variable weather conditions this past year have created some shortages in parts of the state. UMaine Extension maintains an [online](#) hay directory with listings of hay and silage for sale. Extension resources on estimating feed requirements and testing forage quality also are available on the website. Growers with hay available can list with the directory [online](#) or by calling the Waldo County Extension office at 342.5971, 800.287.1426. For more information contact Richard Kersbergen at 342.5971, richard.kersbergen@maine.edu.

Conference in Belfast to explore human-nature interrelationships

16 Oct 2015

Perspectives on human-nature interrelationships will be explored at the 12th annual ESTIA Conference on Friday, Oct. 23 at the University of Maine Hutchinson Center in Belfast. Darren Ranco, Sherri Mitchell and Maria Girouard are keynote speakers for the conference titled “Deep Ecology: Ethical and Spiritual Principles.” ESTIA stands for EcoPeace, Sustainability, Teaching/Training and International Affiliations. A core principle of deep ecology is the belief in equal rights of all living beings. Roundtable discussions about poetry, flute music, therapeutic music, forgiveness, organic gardening, permaculture, nonviolence and ecosystem protection are scheduled. Hawk Henries will play flute during lunch and Kathleen Ellis will read a poem to start the conference. Registration begins at 8:30 a.m. at the center at 80 Belmont Ave. The conference will be held from 9 a.m. to 5:30 p.m. The fee is \$35 per person/\$25 for seniors/\$15 for students. Lunch may be purchased for \$5. For more information, contact Hugh Curran at 581.2636, hugh.curran@umit.maine.edu. To learn more about the speakers and ESTIA, as well as to register online, visit the organization’s website. The UMaine Peace and Reconciliation Studies Program is co-sponsoring the conference.

UMaine women’s basketball team to hold free children’s clinic Oct. 19

16 Oct 2015

The University of Maine women’s basketball team, in partnership with Bangor Savings Bank, will hold a free Kid’s Clinic from 4 to 5:30 p.m. Monday, Oct. 19 at the Cross Insurance Center in Bangor. UMaine players and coaches will offer skill instruction on their home court following an announcement at 4 p.m. The first 100 children in attendance will receive a free T-shirt. Following the clinic, the Black Bears will sign 2015–16 schedule posters for each fan. More information is [online](#).

Morning Ag Clips runs UMaine Extension’s hay inventory advisory for farmers

16 Oct 2015

Morning Ag Clips and the Associated Press reported the University of Maine Cooperative Extension advises farmers to take inventory of livestock feed and forage resources before winter. Variable weather conditions this past year have created shortages in parts of the state. UMaine Extension maintains an [online](#) hay directory with listings of hay and silage for sale. Extension resources on estimating feed requirements and testing forage quality also are available on the website. Growers with hay available can list with the directory [online](#) or by calling the Waldo County Extension office at 342.5971, 800.287.1426. [WMTW](#) (Channel 8 in Portland) and Daily Journal carried the AP report.

Offshore Wind reports on UMaine summit

16 Oct 2015

[Offshore Wind](#) reported the University of Maine hosted the inaugural Matthew R. Simmons Memorial Summit: A Technology Roadmap for Floating Offshore Wind on Oct. 1 and 2. The summit gathered information from various perspectives of platform designers, researchers, permitting agencies and developers with the goal of producing a roadmap that advances the floating offshore wind, according to the article. “The objective of this summit was to advance floating offshore wind technology by bringing together a select but diverse group of leading stakeholders and even competitors involved in the development of the technology,” said Habib Dagher, founding director of the UMaine Advanced Structures and Composites Center. “The group covered key aspects of floating wind technology, including project development and financing, engineering, permitting and construction. They heard about challenges and opportunities from one another and started to formulate a plan to move the floating wind industry forward. The group will author and release its first floating offshore wind turbine roadmapping report in early 2016, and continue to work together and meet every two years.”

College of Education’s virtual classroom featured in MPBN report

16 Oct 2015

The Maine Public Broadcasting Network reported on a new lab in University of Maine's College of Education and Human Development that enables students to teach in front of a virtual classroom of avatars in preparation of their student teaching in Maine schools. The new lab in Shibles Hall uses the program TeachLivE, a mixed-reality teaching environment that supports teacher practice in classroom management, methods and content. More than 70 colleges and universities, including UMaine, are now using TeachLivE to help train their teacher candidates, according to the report. "We have, literally, hundreds of them," said Susan Gardner, interim dean of the college, who added it can be tough to find opportunities for all of the students to train in schools at the same time. "So this is an opportunity, before they even go out into the field, to try on some of the different theories, some of the practices we've talked about," she said.

Huffington Post blog cites Trostel's study on value of higher education

16 Oct 2015

A new Lumina Foundation report by the University of Maine Margaret Chase Smith Policy Center professor Philip Trostel on the value of higher education was mentioned in a [Huffington Post](#) blog article titled, "Want to be happier and healthier? Then go to college." In the 73-page report "It's Not Just the Money: The Benefits of College Education to Individuals and to Society," Trostel found the benefits of a higher education extend far beyond earnings. The study states citizens with postsecondary credentials not only contribute to the economic prosperity of communities, but they also live happier, healthier lives, according to the article. Trostel found college graduates report having "good" or "very good" health 44 percent more than their nongraduate peers, and they are significantly more likely to exercise, wear a seat belt, maintain a healthy weight and regularly see a doctor. College graduates have a life expectancy of seven years longer than those who hold a high school diploma or less, the article states. The [Bangor Daily News](#) also reported on the study and mentioned it in an [editorial](#), American Association of Community Colleges posted an article on its [Community College Daily](#) blog, and Trostel was a recent guest on the George Hale Ric Tyler Show on WVOM The Voice of Maine.

International peace and justice advocate William Pace to visit UMaine

16 Oct 2015

William Pace, a prominent advocate of international peace and justice, will visit the University of Maine Oct. 28–29 to give two public presentations and meet with UMaine community members at several events. Pace is the executive director of the World Federalist Movement-Institute for Global Policy (WFM-IGP), a nonprofit, nonpartisan organization committed to the realization of global peace and justice through the development of democratic institutions and the application of international law. At 2:10 p.m. Wednesday, Pace will deliver the lecture, "The United Nations and UN Charter at 70 — The Myths and Reality," in 101 Neville Hall. Refreshments will follow. At 1:10 p.m. Thursday, Pace will lead a seminar on "International Peace, Justice and the Responsibility to Protect" in the Bangor Room of the Memorial Union, which will be followed by an open discussion and reception. While on campus, Pace, who has been engaged in international justice, rule of law, environmental law, and human rights for the past 30 years, will meet with several groups of UMaine students and faculty. Pace has served as the Convenor of the Coalition for an International Criminal Court since its founding in 1995 and is a co-founder and steering committee member of the International Coalition for the Responsibility to Protect. He previously served as the secretary-general of the Hague Appeal for Peace, director of the Center for the Development of International Law, and director of Section Relations of the Concerts for Human Rights Foundation at Amnesty International. He is the president of the Board of the Center for United Nations Reform Education and an advisory board member of the One Earth Foundation, as well as the co-founder of the NGO steering committee for the United Nations Commission on Sustainable Development and the NGO Working Group on the United Nations Security Council. Pace is the recipient of the William J. Butler Human Rights Medal from the Urban Morgan Institute for Human Rights and serves as an Ashoka Foundation Fellow. He has written several articles and reports on international justice, international affairs and UN issues, multilateral treaty processes, and civil society participation in international decision-making. Pace's visit is co-sponsored by UMaine's Department of Political Science, Peace and Reconciliation Studies Program, undergraduate International Affairs program, graduate School of Policy and International Affairs, and Honors College, as well as the Maine Chapter of Citizens for Global Solutions.

Both talks are free and open to the public. For more information or to request a disability accommodation, contact Ron Davis at 866.4785 or ronald.davis@umit.maine.edu. Contact: Elyse Kahl, 207.581.3747

Society of Composers Conference returns to UMaine this month

19 Oct 2015

Four public concerts featuring contemporary compositions performed by University of Maine faculty and visiting artists will highlight the 2015 Society of Composers Conference on campus, Oct. 22–24. The Society of Composers, Inc. (SCI) is a nearly 1,500-member national organization that focuses on new and contemporary music composition and performance. The regional event at UMaine will feature the performance of 25 new compositions, selected this summer from 80 submissions. Among the performers during the conference will be Boston-based Transient Canvas, with Amy Advocat on clarinet and Matt Sharrock on marimba. The duo is gaining national recognition for its commitment to commissioning and debuting new works. In addition, Sharrock will offer a performance clinic for percussion students. Transient Canvas will perform at 7:30 p.m., Oct. 23 in Minsky Recital Hall. Other concerts in Minsky: Chamber Music Program I, Oct. 22, 7:30 p.m.; Chamber Music Program II, Oct. 24, 2 p.m.; a choral concert by Euphony, with a special appearance by University Singers, Francis Vogt conducting, 7:30 p.m., Oct. 24. “We’re especially pleased to have a mix of performers and visiting composers from around the country coming to Minsky Recital Hall for our concerts,” says UMaine composer and clarinetist Beth Weimann, chair of the Division of Music in the School of Performing Arts and the host of this year’s conference. UMaine last hosted the Region I Conference for SCI in 2001. More recently, the Region I event was held in 2013 in Portsmouth, New Hampshire as part of the PARMA New Music Festival. Tickets for the SCI Conference concerts are \$9 ; free with student MaineCard. To purchase tickets, call 207.581.1755. To request a disability accommodation, call 207.581.4702. This fall season, UMaine’s School of Performing Arts is staging 40 theater, music and dance performances on campus. A complete list of performances, dates, times, sites and ticket prices are [online](#). Contact: Meg Shorette, 207.581.3729

Extend the season, make fall fruit drinks, ciders, syrups

19 Oct 2015

Extend the fall harvest season by making fruit-based beverages from 10 a.m. to noon Saturday, Oct. 24, at the University of Maine Cooperative Extension Cumberland County office, 75 Clearwater Drive, Falmouth. The “Drinking the Harvest” workshop includes making fruit shrubs, cider, juices and syrups. Instructors will be UMaine Extension educator Kathy Savoie, home food preservation education assistant Kate McCarty and Eli Cayer of Urban Farm Fermentory in Portland. Cost is \$40. Registration is online. For more information, or to request a disability accommodation, contact 781.6099, 800.287.1471 (in Maine) or extension.rlreception@maine.edu. Additional workshop topics and dates in the “From Scratch: Your Maine Kitchen” series include “Savory Harvest Pies,” Nov. 21; “Gifts from the Kitchen,” Dec. 19; “Maine Bean Suppah,” Jan. 16; “Make International Local,” Feb. 20; and “Savor the Sea,” March 19.

UMaine Health and Wellness Fair slated for Oct. 26

19 Oct 2015

The New Balance Student Recreation Center will host the free 2015 UMaine Health and Wellness Fair for students, staff and faculty from 11 a.m. to 3 p.m. Monday, Oct. 26. Faculty and staff can receive 20 RiseUP points for attending. Vendors will have interactive displays and provide information and samples.

Smith’s Belfast art exhibit featured in BDN

19 Oct 2015

The [Bangor Daily News](#) reported on a current art exhibit by Susan Smith, who teaches in the Master of Fine Art program in intermedia at the University of Maine and is the coordinator of the Lord Hall Gallery on campus. Smith’s show, “The Botany of Sacrifice,” is on display at the Waterfall Arts in Belfast through Nov. 25 and focuses on the dark

side of large-scale agriculture. The show includes four large paintings of “superweeds,” created by the use of pesticides and resistant to chemicals, as well as small bundles of botanical material that are placed at the base of the paintings, according to the article. “I call them the sacrifices,” she said. “I call the superweeds the gods.”

Press Herald quotes Dill in Maine Gardener column

19 Oct 2015

Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, spoke with the [Portland Press Herald](#) for the article, “Taking stock of a fruitful summer in the garden,” the latest column in the Maine Gardener series. After having no problems with Japanese beetles in this summer’s garden, the author reached out to Dill to ask if the tachinid fly, whose eggs appear as white dots on the back of the beetles, was finally controlling the pests. “We believe it is doing some control,” Dill said. “Plus most of the lawn damage that used to be due to Japanese beetles is now being done by the European chafer.” He added that in many places gardeners reported the Japanese beetles were as bad as ever, the article states.

VillageSoup reports on current UMMA exhibits

19 Oct 2015

[VillageSoup](#) of Knox County reported the University of Maine Museum of Art in downtown Bangor has opened three new exhibitions. “Natural History” by Traer Scott, “Celebrating Photography in Maine,” selections from the Bruce Brown Collection, and light sculptures by Paul Myoda will be on display at the museum until Dec. 31.

Provost Hecker speaks with Press Herald about R&D partnerships in China

19 Oct 2015

Jeffrey Hecker, the University of Maine’s executive vice president for academic affairs and provost, spoke with the [Portland Press Herald](#) for the article, “Maine trade delegation sets sights on China’s vast middle class.” China’s middle class — and its increasing ranks of wealthy investors — are drawing interest from Maine businesses and government officials, several of which will be leaving Saturday on a trade mission to China and Japan, according to the article. UMaine, which has 107 students from China, will be sending representatives on the mission, the article states. Hecker said although student recruitment will be on the agenda, UMaine also will be looking to strengthen existing research-and-development partnerships with educational institutions, as well as create new ones. He said UMaine officials will meet with representatives of Tokyo Metropolitan Institute of Gerontology to explore opportunities for collaboration, and with representatives of Shanghai Ocean University, with which UMaine already has a partnership, the article states. “It’s a long way to go, so we’re trying to kill as many birds with one stone as we can,” he said.

Ozy quotes Wahle in article on Maine lobster comeback

19 Oct 2015

Rick Wahle, a University of Maine research professor at the Darling Marine Center, was interviewed by [Ozy](#) for the article, “How Maine has managed an amazing lobster comeback.” The article states that three years after lobster prices in Maine collapsed during a glut, they are now at the highest in half a decade, and harvests are nearing record annual highs of around 125 million pounds — twice what it was a decade ago, and six times a typical haul in the 1980s, according to the Maine Department of Marine Resources. Wahle said the abundance of lobsters in the state is a result of unsustainable fishing practices and warming of the oceans.

Boston Globe interviews Evans about ICA’s Black Mountain College exhibit

19 Oct 2015

[The Boston Globe](#) spoke with Steve Evans, an English professor at the University of Maine, for an article about a

current exhibition at the Institute of Contemporary Art/Boston (ICA) that focuses on the influence of Black Mountain College. “Leap Before You Look: Black Mountain College 1933–1957,” is a comprehensive survey of the North Carolina liberal arts school’s sprawling artistic legacy, according to the article. Evans contributed essays to the exhibit’s catalog on poets Charles Olson and Robert Duncan, as well as the influential “Black Mountain Review,” edited by poet Robert Creeley, the article states. He said there was a question central to the work of many of the artists and poets working at BMC: “What happens at the moment where a mark is just beginning to bear meaning?” Evans called “Black Mountain Review” a “great test case for the collaboration between visual arts and poetry.” The University of Maine Humanities Center (UMHC) in collaboration with the [National Poetry Foundation](#) is hosting a [symposium](#) on the history and legacy of BMC on the UMaine campus Thursday through Saturday, Oct. 22–24. UMHC also will offer a student bus trip to ICA/Boston on Saturday, Nov. 7 for a tour of the exhibit.

Black Bear license plate program reaches \$1M benchmark, media report

19 Oct 2015

The Maine Public Broadcasting Network, WABI (Channel 5) and the [Bangor Daily News](#) reported the University of Maine Black Bear license plate program has reached a \$1 million benchmark. Since 2003, Mainers have been able to register their cars for a UMaine Black Bear license plate for an extra fee, which goes toward student scholarships, according to the MPBN report. “My hope was, when the program was launched, that we would get to the point of being able to do approximately \$100,000 per year, and we have reached that milestone, and I think it will continue to grow,” University of Maine Foundation President Jeffery Mills told MPBN. More than 10,000 people have Black Bear plates, WABI reported.

UMaine Black Bear license plates program raises more than \$1 million for scholarships

19 Oct 2015

The University of Maine Black Bear license plate program has raised more than \$1 million for scholarships to support UMaine students, according to University of Maine Foundation President Jeffery Mills. Mills made the announcement at the University of Maine Foundation’s annual meeting and luncheon Oct. 16 on campus. Mills presented commemorative plaques to the Hon. Mary Cathcart for her involvement in the creation of the plate as the original bill sponsor in the Maine Legislature, and to Secretary of State Matthew Dunlap for his continued support of the program. Mills also thanked the Hon. William O’Gara, who was unable to attend, for his support as the committee chair who sponsored the final bill that created the commemorative license plate. The Black Bear license plate became available in Maine in 2003. “People often look at the foundation and think that you have to have wealth in order to make a difference in the support of our programs. This project proves that you can make a difference at any level,” says Mills. “Along with the scholarship support, we are providing an additional way to show our Black Bear pride.” The initial fee for a Black Bear license plate is \$20. Renewals are \$15, of which \$10 supports the UMaine general scholarship fund. New UMaine students receive a voucher covering the initial cost of a Black Bear plate. More information about the Black Bear license plate program is [online](#). Contact: Monique Hashey, 207.581.5104, 207.974.9899; monique@maine.edu

Estate bequest of over \$2 million to fund new UMaine scholarship

19 Oct 2015

The University of Maine Foundation has received more than \$2 million from the Veronica Pendleton estate to fund the Raymond K. and Veronica Pendleton Fund at the University of Maine. Mrs. Pendleton created the fund several years ago with a plan to provide an eventual gift from her estate. The bequest gift to the Raymond K. and Veronica Pendleton Fund was announced at the University of Maine Foundation’s annual meeting and luncheon Oct. 16 by foundation President Jeffery Mills. The endowed fund will provide monetary support to students who choose to study forestry, agriculture or marine sciences in the College of Natural Sciences, Forestry, and Agriculture. It is expected that the fund will provide \$100,000 in scholarships annually. “Our work at the foundation is very rewarding on a day like today, when you have assisted someone in planning a legacy and witness it become a reality,” says Mills. “University of Maine

students will benefit from this generosity every semester, in perpetuity.” The scholarship will be awarded to undergraduate students who demonstrate financial need or academic excellence. During even-numbered years, a preference shall be given to students studying agriculture or forestry, and during odd-numbered years to students studying marine sciences. “The college is delighted to receive the Pendleton bequest. It will assist students who will become future natural resources managers in sectors important to Maine’s economy and quality of life,” says Edward Ashworth, dean of the College of Natural Sciences, Forestry, and Agriculture. Mrs. Pendleton, who passed away in August 2014, established the planned gift at the University of Maine Foundation. She and her husband, Dr. Raymond Pendleton, who attended UMaine, lived on Islesboro for many years. Distribution of the fund, which will be administered by the UMaine Office of Financial Aid, will begin for the fall 2016 semester. Contact: Monique Hashey, 207.581.5104, 207.974.9899; monique@maine.edu

Glimpses of 2015 Homecoming, Family and Friends Weekend, and Open University Day

19 Oct 2015

Homecoming Weekend, Oct. 16-18, was held concurrently with Family and Friends Weekend, and Open University Day, a UMaine 150th anniversary event. [SlideDeck2 id=45049]

Symposium to focus on Black Mountain College’s influence on art, humanities

19 Oct 2015

A symposium on the history and legacy of Black Mountain College will be held on the University of Maine campus Thursday through Saturday, Oct. 22–24. The UMaine Humanities Center in collaboration with the [National Poetry Foundation](#) will present the public conference that aims to bring together artists, critics, curators, educators, scholars, students and writers from around the country and across UMaine departments and disciplines to discuss the influence Black Mountain College (BMC) had on the visual arts, poetry, educational reform and democratic theory. The event will focus on the people, ideas, artworks, social contexts and conflicts that defined the small experimental college during its influential existence from 1933 to 1957. BMC was located in North Carolina and placed the arts and humanities at the core of its interdisciplinary liberal arts curriculum with the hope of better educating citizens for participation in a democratic society. The event coincides with the opening of “[Leap Before You Look: Black Mountain College, 1933–1957](#),” an exhibition at the Institute of Contemporary Art/Boston (ICA), as well as the publication of the accompanying [catalog](#) by Yale University Press. It also is related to undergraduate courses offered in fall 2015 by UMaine professors Steve Evans in English and Justin Wolff in art history. “Though Black Mountain College closed its doors in 1957, we’re learning from its example still,” Evans says. “This symposium offers us an opportunity to explore, to interrogate, and to celebrate a bold experiment in education that blended intellectual and manual labor, strove to be self-sustaining, and aimed to cultivate individuals who would be equal to the challenges of participating in a genuine democracy. As an early faculty member said, ‘Walt Whitman might have felt at home here.’” The BMC Symposium is free and open to the public and will feature presentations, roundtable discussions, readings and forums. Among the presenters will be Ruth Erickson, assistant curator at the ICA/Boston, who curated the museum’s BMC exhibit with Helen Molesworth. A complete schedule for the symposium is [online](#). For more information or to request a disability accommodation, contact Evans at steven.evans@umit.maine.edu or 581.3818, or visit the event [website](#). The University of Maine Humanities Center (UMHC) also will offer a student bus trip to ICA/Boston on Saturday, Nov. 7 for a tour of the exhibit. For more information, visit the center’s website or contact Liam Riordan, UMHC director, at riordan@umit.maine.edu or 581.1913. Contact: Elyse Kahl, 207.581.3747

UMaine Extension Eat Well program seeks volunteers

20 Oct 2015

University of Maine Cooperative Extension is seeking volunteers for its Eat Well program in Hancock County. Fifteen hours of hands-on training are scheduled 1–4 p.m. Thursdays, Nov. 5, 12 and 19; and Dec. 3 and 10 at the UMaine Extension office, 63 Boggy Brook Road, Ellsworth. Participants will be trained to teach others about food preparation, safety and nutrition. After completing the training, volunteers will provide 30 hours of community service teaching

clients at a local food pantry or community meal site. UMaine Extension will provide the lesson plans and materials to use at the sites. Volunteer community outreach will occur weekly from January through April 2016. Training fee is \$60; limited financial assistance and payment plans are available. Deadline to apply is Friday, Oct. 30. For more information, or to request an application or disability accommodation, call the Hancock County Extension office at 667.8212 or email sue.bacz@maine.edu. More information is available [online](#).

Maine Heritage Lecture Nov. 2

20 Oct 2015

Pauleena MacDougall, director of the Maine Folklife Center, will give the Maine Heritage Lecture titled “Discovering Maine’s Intangible Cultural Heritage” at 4:30 p.m. Monday, Nov. 2 in the McIntire Room of the Buchanan Alumni House at the University of Maine. Intangible cultural heritage, also known as living heritage, refers to practices, representations, expressions, knowledge and skills transmitted by communities from generation to generation. MacDougall’s lecture will examine issues of cultural sustainability in relation to Maine’s intangible cultural heritage based on her experiences conducting field work, mentoring students and managing the Northeast Archives of Folklore and Oral History at UMaine. MacDougall received her Ph.D. in American history from the UMaine in 1995. She is a faculty associate in anthropology and teaches courses in linguistics and folklore.

Maine Edge advances 12th annual ESTIA Conference in Belfast

20 Oct 2015

[The Maine Edge](#) published a University of Maine news release announcing the 12th annual ESTIA Conference on Friday, Oct. 23 at the University of Maine Hutchinson Center in Belfast. Perspectives on human-nature interrelationships will be explored at the event. Darren Ranco, Sherri Mitchell and Maria Girouard are keynote speakers for the conference titled “Deep Ecology: Ethical and Spiritual Principles.” ESTIA stands for EcoPeace, Sustainability, Teaching/Training and International Affiliations. A core principle of deep ecology is the belief in equal rights of all living beings.

Lobster Institute cited in FIS report on successful lobster season in Maine

20 Oct 2015

[FIS - Worldnews](#), the website of Fish Information & Services, mentioned the University of Maine Lobster Institute in the article, “Lobster season proves successful in Maine.” Maine’s 2015 lobster season is experiencing a boom, which biologists say stems from factors such as careful fishery management, dropping populations of predators, and warming temperatures in the Gulf of Maine, according to the article. Experts in the field also point to federal regulations and cooperation among fisheries and governments with the help of the UMaine Lobster Institute, the article states.

UMaine involved in initiatives to strengthen specialty crops, media report

20 Oct 2015

[The Maine Edge](#) reported the University of Maine is involved in several research initiatives to strengthen and enhance some of the state’s specialty crops. Agriculture Commissioner Walter Whitcomb announced Maine is partnering with USDA Specialty Crop Block Grant Program to invest \$562,583.50 to support Maine Specialty Crop Producers and help farmers and producers meet new federal food safety rules. Under the program, UMaine will work to address pollinator safety within the confines of effective pest management of significant insects and diseases to Maine’s fruit industry, as well as research hops varieties to develop resource materials for farmers and determine unique qualities, according to the article. The university also will work with the Maine Potato Board and the Maine Wild Blueberry Commission to ensure an adequate response to pest-related hazards, decrease crop losses and increase revenues, the article states. [Mainebiz](#) and the Associated Press also reported on the projects. WABI (Channel 5) and Daily Journal carried the AP report.

Boston Globe mentions UMaine in article on communication training for scientists

20 Oct 2015

The University of Maine was mentioned in a [Boston Globe](#) article about scientists at several universities who are taking improvisational acting classes to learn how to better communicate their research. The training is offered by Stony Brook University's Alan Alda Center for Communicating Science. Alda, the actor best known for his role in the television series "M*A*S*H," hosted PBS's "Scientific American Frontiers" for nearly a dozen years, according to the article. He said that work inspired him to train other scientists how to plainly explain their research. Since the center began in 2009, several universities including UMaine, Boston University, Dartmouth College and University of Vermont, have signed up for the training, the article states.

Leslie reviews ecosystem-based ocean management approaches

20 Oct 2015

The director of the University of Maine Darling Marine Center says ecosystem-based approaches to restore ocean health provide a flexible framework for marine management and allow scientists and stakeholders to move beyond reactive and piecemeal solutions. "Ecosystem-based management (EBM) accounts for the diverse connections between people and oceans and the trade-offs inherent in managing for multiple uses," says Heather Leslie, who reviewed six EBM projects in the article "Learning from Ecosystem-Based Management in Practice" in the Oct. 14 issue of Coastal Management. As EBM efforts mature, Leslie said it will be important to ensure solid connections between researchers and those on the front lines of managing people's interactions with coastal and marine environments. Researchers leading innovative projects at Pacific Ocean sites (two in California, two in Mexico, one in Fiji and one in Palau) adapted EBM principles to match each locale's combination of challenges and circumstances. Through site visits, analysis of project documents and more than 100 interviews, Leslie's team examined how similarities and differences among the sites shaped implementation. "Ecosystem-based management, even five years after being called out as the cornerstone of the U.S. National Ocean Policy, is still a fairly new way of doing business. It will be exciting to see what innovations emerge in the coming years," said Leslie. "The challenge of translating science into effective management remains, as we saw in a number of these cases." California's Elkhorn Slough, between Santa Cruz and Monterey, faces many threats but scientists taking part in the EBM effort focused on preventing salt marsh erosion. Honing in on one objective was a key adaptation in this case, the study found. Another was planning the project in an area governed by one organization, rather than several government agencies. In Morro Bay, project leaders integrated two community-based efforts into a more science-driven, multidimensional management effort involving water quality, marine habitats and coastal economies. A problem, the study found, was how to most effectively share local-scale scientific findings with state and federal policymakers. In Palau, a multi-stakeholder EBM coalition sought to mitigate potential erosion from a new 53-mile road around Babeldaob Island. The team realized the need to focus the project geographically and conceptually but faced the challenge of linking science to specific management actions, said Leslie. In the Mexican project focused on the shrimp fishery in the Gulf of California, scientists believed EBM could reduce bycatch of unintended species and resolve conflict between large- and small-scale fishing operations. Mathematical models were utilized to explore management solutions for the overarching government authority to test. As of the end of the study period in 2010, though, the models had not been tested. In the other Mexican project in the northern Gulf, the effort focused on improving sustainability of a diverse fishery of thousands of small-scale fishers pursuing more than 70 species. The team generated scientific data and developed management plans, but struggled to deliver plans to the government in ways that could affect policy. In Fiji, EBM practitioners sought to enhance community-based efforts to sustain the fishery of the more than 300 islands in the archipelago. They first envisioned a national-scale project, but sharpened the focus to two geographically smaller sites. They also adapted the framework to coordinate with existing management efforts. Because local officials could implement policy, the team had better success translating science into action. Leila Sievanen, Tara Gancos Crawford, Rebecca Gruby, H. Cristina Villanueva-Aznar and Lisa Campbell co-authored the article. Leslie said the study yielded lessons for the management practice in other ocean places. "In the Gulf of Maine, where I live, state and federal governments, working together with stakeholders, have demonstrated a strong commitment to ecosystem-based approaches," she said. Leslie said she and colleagues in the Gulf of Maine region would have an opportunity to build on this commitment in meetings convened through the Northeast Regional Planning Body as part of the implementation of President Barack Obama's National Ocean Policy. Contact: David

Orenstein, Beth Staples, 207.581.3777

Call for Honorary Degree Nominations for 2017

20 Oct 2015

The University of Maine Honorary Degree Committee seeks nominations for honorary degrees to be awarded at the May 2017 Commencement ceremonies. A call for nominations and nomination form are [online](#). Nominations are due to Ms. Amber Thompson by Nov.13. Please contact Amber Thompson, amber.thompson1@maine.edu; 581.1516, with any questions.

University of Maine: Fostering Maine's newest innovations and companies

20 Oct 2015

<https://youtu.be/DxfKVVljTmc> [Transcript](#) The Maine Technology Institute (MTI) is a beneficial resource for inventors and entrepreneurs who are looking for early-stage capital to support the commercialization of new products and services. At TechWalk, a recent showcase of MTI's most successful technology-based companies, the University of Maine's role as a business resource was noteworthy, with many participating companies having strong connections to UMaine. In addition to generating spin-off companies and providing research and technical assistance to businesses, the University works with MTI to place students as interns at Maine companies through the Innovate for Maine Fellows Program. In this video, MTI president Brian Whitney and several MTI directors talk about TechWalk, UMaine, and how, in the presence of so many exciting new innovations, one can only be optimistic about Maine's future. The [Innovate for Maine Fellows Program](#) is administered by the University of Maine, and connects college students with Maine companies and business leaders. Internships provide support for students as they gain meaningful hands-on experience working on innovation-based company projects that accelerate growth. The program emphasizes entrepreneurship and innovation in an effort to help grow and create jobs across the state. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** MTI is a publicly funded non-profit and our mission is to promote, encourage, support and stimulate research and development activity in the state of Maine and we do that through the deployment of grants, loans and some equity as well. The University is a close strategic partner of MTI so we work closely with the R&D facilities at UMaine so we can spin out some technology and new companies much like we've been doing recently. The University has been a huge asset to some of the companies that are here today at TechWalk. You'll see Acadia Harvest and they are still growing fish at one of the University Centers with some of the technical oversight there and the Advanced Composites materials. That's been a real core at the University and this excellent collaboration I see between them and industry. Young people realize that there is a lot going on in the state and they can stay here and get good jobs at innovative companies and the University has been a really critical partner there with the Innovate for Maine Fellows program. There is really a very broad range of innovation that's going to fit with the kinds of programs that we offer. We can really help you figure out what kind of a project is going to be a fit for our programs and how to take what you want to do and find the right funding program for you. There are so many exciting things going on in the innovation ecosystem and you can see it here at TechWalk and within the MTI portfolio that it really makes me optimistic about Maine's future. [Back to article](#)

Availability extended for Office of Research & Sponsored Programs communications survey

21 Oct 2015

The Office of Research & Sponsored Programs' NCURA (National Council of University Research Administrators) Communications Task Force, together with the ORSP Compliance, Analysis & Training group, have developed a survey to aid the development of an improved communications strategy and training program. Members of the UMaine research community are asked to complete the survey, as feedback is important and valuable. The survey should take no more than 5–10 minutes to complete and can be accessed [online](#). The availability of the survey has been extended through Oct. 30 to allow for more participation. For more information, contact Amanda Ashe at amanda.ashe@umit.maine.edu, 581.1480.

2015 edition of ‘Walking Tour About UMaine Women: Past and Present’ online

21 Oct 2015

The 2015 edition of the “Walking Tour About UMaine Women: Past and Present” is now available online and a kickoff tour was held Oct. 19, starting from the steps of Fogler Library and led by Sandy Caron, University of Maine professor of family relations. In 2007, Caron created the first tour with a goal of “highlighting some of the amazing UMaine women, and the contributions and accomplishments they have made, and continue to make, in shaping the state’s largest public university” The tour is available in text and audio, for ease of using on a handheld device. This edition of the tour was narrated by UMaine students Hayli Weitz of Long Beach, New York, a child development and family relations major and member of the UMaine diving team; Delaney Woodford of Minot, Maine, a nursing major; Samantha Bradley of Winchester, Massachusetts, an elementary education major; and Lauren Powers of Hastings-on-Hudson, New York, a psychology major.

Phys.org reports on Leslie’s ecosystem-based ocean management research

21 Oct 2015

[Phys.org](#) carried a University of Maine news release about ecosystem-based ocean management research by Heather Leslie, director of the University of Maine Darling Marine Center. Leslie said ecosystem-based approaches to restore ocean health provide a flexible framework for marine management and allow scientists and stakeholders to move beyond reactive and piecemeal solutions. She reviewed six EBM projects in the article “Learning from Ecosystem-Based Management in Practice” in the Oct. 14 issue of Coastal Management. As EBM efforts mature, Leslie said it will be important to ensure solid connections between researchers and those on the front lines of managing people’s interactions with coastal and marine environments.

Maine Edge advances Black Bear 5K

21 Oct 2015

[The Maine Edge](#) published a University of Maine news release announcing the Black Bear 5K at 11 a.m. Sunday, Oct. 25. The race is part of the [Tradewinds Marketplace/Sub 5 Track Club Road Race Series](#) and is sponsored by UMaine Campus Recreation. The \$12 registration can be completed at the front desk of the New Balance Student Recreation Center or by filling out the [online](#) form and mailing it to Campus Recreation. All early entries must be received no later than 4 p.m. Friday, Oct. 23. Late registration and bib pickup will be held in the New Balance Field House from 9:30 to 10:50 a.m. on race day.

Professor emeritus Cody speaks with WLBZ about Canadian election

21 Oct 2015

Howard Cody, professor emeritus of political science at the University of Maine, spoke with [WLBZ](#) (Channel 2) for the report, “How Canada’s election could impact Maine.” Canadians voted to replace their conservative prime minister with the liberal Justin Trudeau, according to the report, which means liberals will have most of the country’s legislative power for the first time in about a decade. Cody, who has studied Canadian politics for decades, said Trudeau’s policies could affect Mainers who live along the border or make a living on tourism. He is proposing major government spending in Canada, a sharp contrast to his predecessor, the report states. “[Trudeau] wants to spend more money on infrastructure, for example, that might boost the Canadian economy,” Cody said. “It’s supposed to do so anyway — that’s the intention — even though it’s going to run deficits and the like. This may provide some boost to the Canadian dollar which I suppose would help Maine to some extent.”

Press Herald interviews Brewer for article on splitting tax, welfare ballot question

21 Oct 2015

The [Portland Press Herald](#) spoke with Mark Brewer, a political science professor at the University of Maine, for an article about Secretary of State Matt Dunlap telling the Maine Republican Party that its proposed referendum to cut the income tax and make changes in the welfare system should be split into separate ballot questions. Brewer said he thinks Republicans packaged the two initiatives so they would have a better chance of passing. “It’s an issue that benefits Republicans and puts Democrats on the defensive really unlike any other issue,” he said, adding that ratifying the tax proposal will be a “tougher slog” because opponents of major tax changes have successfully won over Maine voters in the past. “Democrats have been able to point out to Mainers the services that they’ll lose if you have these kind of tax cuts,” Brewer said. “You can already see the Democrats making the argument of ‘How are you going to pay for this?’ That [answer] is left open ended.”

Graduate student studies dams, impact on American Eel

22 Oct 2015

The American Eel, *Anguilla rostrata*, is one of three species of freshwater eels found around the globe and is the only species found in North America. According to the U.S Fish and Wildlife Service, the species has survived multiple ice ages and is considered to have the broadest diversity of habitats of any fish species in the world. But regardless of its impressive past, the species has been steadily declining worldwide due to a multitude and combination of factors including overfishing, parasites, migration obstruction and climate change. Because dams remain a site of injury and death for these migrating fishes, predicting when they will migrate is necessary to target fish passage efforts in Maine. Emily Thornton, a Ph.D. student at the University of Maine, is studying downstream movement of maturing American eels in the Penobscot River. She is working to predict the species migration patterns using a mathematical model to increase successful passage through or around hydroelectric projects and dams. The American eels exhibit a complex life history, entering many physical phases. They are catadromous fish, meaning they are born in the ocean, mature in freshwater and return to the ocean to spawn. The eels hatch in the Sargasso Sea in the middle of the North Atlantic Ocean then ride the ocean currents to areas from Greenland to Brazil. Once the species reaches sexual maturity, it will return to the Sargasso Sea to spawn and presumably die. Thornton’s work is conducted in collaboration with the New England Sustainability Consortium’s (NEST) dam decision-making group, who are developing a framework to assess ecological, economic and social effects of dam-related management decisions. In August, the project was expanded by a \$6 million grant from the National Science Foundation’s EPSCoR program to fund a four-year study examining the future of dams in New England. Thornton’s research is also funded by the Nature Conservancy and the U.S. Geological Survey, Maine Cooperative Fish and Wildlife Research Unit. She is co-advised by Joe Zydlewski and Erik Blomberg in the Department of Wildlife, Fisheries and Conservation Biology.

UMaine women’s basketball team selected second in America East Preseason Poll

22 Oct 2015

Following one of its most successful seasons in more than 10 years, the University of Maine women’s basketball team has been selected second in the 2015–16 America East [Preseason Coaches’ Poll](#), as voted by the conference’s head coaches. Senior forward Liz Wood and junior guard Sigi Koizar also have been named to the league’s [Preseason All-Conference Team](#). University at Albany, the defending America East tournament champions, was selected first with 62 points and six first-place votes. The Black Bears received 58 votes and a pair of first-place tallies, earning them second. Last season, Maine reached the 20-win plateau for the first time since 2004–05 and had the most wins — 23 — in 11 years. UMaine finished 23–9 and 14–2 in league play. UMaine returns all five starters and 13 others to this year’s squad while welcoming a pair of newcomers. UMaine kicks off the season with an exhibition game against Vanguard University in Gorham at 7 p.m. Nov. 6 before hosting Stonehill College, also an exhibition, at the Cross Insurance Center in Bangor at 4 p.m. Nov. 8. The Black Bears begin the regular season at Harvard at 5:30 p.m. Nov. 13. A full news release is online.

UMaine ROTC to participate in field training Oct. 23–25

22 Oct 2015

About 80 cadets in the University of Maine Army ROTC program will take part in a field training exercise Oct. 23–25 at the Maine National Guard Plymouth Area Training Site in Plymouth. The training is designed to test the cadets' resiliency, critical thinking and leadership skills, which are practiced and developed through cadet-led tactical training exercises. During the event, the cadets will learn how to lead groups and perform military maneuvers that range from executing a basic attack to interacting with civilians on the battlefield. The cadets will do instructional training during the first two days, and will lead missions and apply the skills they learned on the last day. The UMaine ROTC Field Training Exercise is a joint effort between the Maine Army National Guard and the UMaine Army ROTC program. For more information, contact Charles Rote at 581.1121 or charles.rote@maine.edu. More about the training and Black Bear Battalion is [online](#).

MAAV joins 'Put The Nail In It' campaign to end domestic violence

22 Oct 2015

The University of Maine's Male Athletes Against Violence (MAAV) program is taking part in the nationwide "Put The Nail In It" campaign to end domestic violence. The student-athletes are painting their left ring fingernail purple to show support for the cause. MAAV founder Sandy Caron, a College of Education and Human Development professor, says they are hoping to get other UMaine students to participate by sharing their painted fingernails online with the hashtag #PutTheNailInIt. The campaign was started by New York-based Safe Horizon, the largest nonprofit victim services organization in the United States.

UMMA offering adult workshops, Maine Edge reports

22 Oct 2015

[The Maine Edge](#) reported the University of Maine Museum of Art in downtown Bangor will offer art-making workshops for adults in November. Students will design and construct a hanging wire sculpture over the course of two Saturday workshops, from 9 a.m. to 2:30 p.m. Nov. 7 and 14, according to the article. The first session will focus on gestural drawing and how it informs the basis of the sculpture's design. During the second session, students will transform their 2-D creation into a 3-D moving piece of art, the article states.

Segee quoted in BDN article on Old Town's consideration of fiber optic Internet

22 Oct 2015

Bruce Segee, the Henry R. and Grace V. Butler Professor of Electrical and Computer Engineering at the University of Maine, was quoted in a [Bangor Daily News](#) article about how Old Town city leaders chose to move forward with plans to spend \$80,000 to connect local residents and businesses to the state's open 1,100-mile fiber optic cable infrastructure project known as the "Three Ring Binder," according to the article. Current "upload speeds are abysmal," Segee told the finance committee. The proposed three miles of connecting fiber would add high-speed Internet fiber along Main Street and Stillwater Avenue that would connect to Orono's planned route along Bennoch Road and into the town's downtown, Segee said. "The ultimate hope — the goal — is to have inexpensive gigabit service to homes and businesses," he said.

UMaine Extension, Johnson cited in Star-Herald report on potato harvest

22 Oct 2015

The University of Maine Cooperative Extension and Steve Johnson, a crops specialist with UMaine Extension in Aroostook County, were mentioned in the Star-Herald article, "County potato harvest produces 'excellent' yield, quality despite weather." After an unseasonably cold and wet start to the growing season and a warmer-than-usual September, the potato harvest has yielded good results throughout Aroostook County, according to the article. Tim Hobbs, director of development and grower relations for the Maine Potato Board, reported that as of Oct. 20, more than 90 percent of the crop was out of the ground, particularly in northern Aroostook, with an estimated 8-10 percent still to be harvested, the article states. Hobbs credited UMaine Extension and Johnson with putting together a forecasting tool and developing

a prophylactic spray program which, though not curative, is highly preventative of light blight. He said Johnson worked out a formula based on several factors to keep growers apprised of ongoing blight conditions, the article states. “The Extension has helped us work this out over the last few years and there’s more of an awareness of the disease,” Hobbs said. “As a growing area, we’re doing a better job of being aware of it and taking appropriate actions.” The [Bangor Daily News](#) published the report.

Powered by science: UMaine bioengineering students head to Chem-E-Car Competition

22 Oct 2015

The University of Maine Biocar Team is hitting the road November 8–13 to participate in the 2015 National Chem-E-Car competition at the University of Utah. The team — composed of 10 bioengineering students — will cheer for its car named *Babe* as it races against 36 unique chemically powered vehicles designed by teams from around the world. The competition is part of the American Institute of Chemical Engineer’s annual student conference and is aimed to engage college students in designing and constructing a car powered by a chemical energy source. The car must safely carry a specified load over a given distance before stopping. UMaine earned a trip to nationals after placing fourth in the regional competition at Northeastern University in the spring. The top three teams were eligible to compete in the next round, but because two of the three finalists were from the same institution, UMaine advanced to the finals. “We were a little surprised — but definitely happy,” says Riley O’Donnell, a fourth-year bioengineering student at UMaine. O’Donnell first heard about the Chem-E-Car competition from his bioengineering professor, Michael Mason, who suggested the project to students needing to fulfill a technical credit. Students who don’t specialize in bioengineering also are welcome to participate by joining the UMaine Biocar Club. The chemistry behind the operation of the car involves the decomposition of hydrogen peroxide into oxygen and water, with a little help from an enzyme. The reaction releases oxygen gas that pressurizes the system, which displaces the water, causing the wheels to move. Altering the amount of reactant in the reaction changes the pressure in the reaction vessel, which allows the team to control how far the car travels. When all the pressure is released, the car will stop. The design for the car began three years ago and has been improved each semester to maximize its design and efficiency. The competition increases awareness of the chemical engineering discipline among the public, industry leaders, educators and students. The most rewarding part, says O’Donnell, is learning to work as a team. “It takes a lot of teamwork to come up with a plan because there are so many different ideas. It’s an independent study, so you are either working by yourself or with your fellow students. It’s a lot of coordinating and idea-throwing, but it’s a great environment.” Hailing from Brunswick, Maine, O’Donnell expects to graduate in May 2016 and hopes to pursue a career in tissue engineering or prosthetics. Team members include:

- Riley O'Donnell, Brunswick, Maine
- Abigail Wessels, Morrill, Maine
- Ben Brewer, Corinth, Maine
- Kent Reichel, Hampden, Maine
- James Alley, Hampden, Maine
- Sony Manandhar, Kathmandu, Nepal
- Dayna Roy, North Andover, Massachusetts
- Christine Reynolds, Portland, Maine
- Stephan Larose, Cape Elizabeth, Maine
- Erik Byrne, Kittery, Maine
- Marie Doe, Kennebunkport, Maine
- Clay White, Brookton, Maine
- Ben Meservey, Litchfield, Maine

Contact: Amanda Clark, 207.581.3721

UMaine, Alan Alda Center for Communicating Science aim to connect researchers with students, public

22 Oct 2015

As many University of Maine students and faculty headed home for Fall Break, one group of academics was back on campus, bright and early, Monday morning. They are members of the UMaine Faculty Fellows Program, and instead of hunkering down in their offices and research labs, they rolled up their sleeves and buckled in for a two-day intensive communication training. The interactive training, offered through a collaboration between UMaine's [Margaret Chase Smith Policy Center](#) and Stony Brook University's Alan Alda Center for Communicating Science, combines theater improvisation techniques with communication training to create an experience that will help participants speak about UMaine and their own work with passion and confidence to students, policymakers and the public. As an official Alan Alda Center affiliate, UMaine offers the training on campus. While there were plenty of laughs, in recent interview with [The Boston Globe](#), Alan Alda, an actor best known for his role on the television series "M*A*S*H" and as host of PBS's "Scientific American Frontiers," said the training is not all fun and games — the improv activities encourage participants to connect with others. "The exercises seem silly and trivial, but they make you vulnerable and open to other people," Alda said. "The more you're aware of the other person's response, the clearer you are going to be and the more impact you could have." The Alan Alda Center's mission is to "enhance understanding of science by helping train the next generation of scientists and health professionals to communicate more effectively with the public, public officials, the media, and others outside their own discipline." The Alan Alda Center, founded in 2009 by Alda and a team of researchers and educators, believes researchers have a responsibility to share their knowledge with the public. The center is primarily concerned with "the curse of knowledge," or the idea that a person can know something so well that they forget what it's like to be new to the information and therefore have a difficult time explaining their work and interests to others. To address this phenomenon in research and education, the center developed the innovative communications-training program that includes workshops on media interview skills and teaches participants how to distill their message for various audiences. The improv acting sessions help researchers open up and think on their feet. "Helping our faculty connect more effectively with communities, students and policymakers about their work and ensuring that we can best support the state of Maine is at the heart of being a public land grant research university. UMaine faculty bring remarkable opportunities to Maine, and this training helps inspire people to do more, connect more, and make their work matter more to our society," says Laura Lindenfeld, director of the Margaret Chase Smith Policy Center, which became an official affiliate of the Alan Alda Center in spring 2015. On Oct. 12 and 13, 20 UMaine Faculty Fellows participated in the Alan Alda-style training led by UMaine staff members. The UMaine Faculty Fellows Program was proposed and designed in 2013 to create better pathways for making UMaine's work matter more to the state. It is coordinated by Lindenfeld and Jennifer St. John, a research associate at the Margaret Chase Smith Policy Center. "The program is designed to get faculty members and researchers more connected with Maine communities," Lindenfeld says. "The UMaine Faculty Fellows Program will help us bridge boundaries and create stronger connections between our university and the state. We already do so much for the state, but we can do more. Getting a creative, entrepreneurial group of professors together through this program is a remarkable opportunity to increase our ability to help businesses, industries and citizens. I want this program to help us make a tangible difference, and that is so inspirational and exciting." From engineering to marine sciences to art history, the program currently includes 20 outstanding faculty members who are learning about contemporary issues in Maine. The program is preparing them to make their own research more engaged and relevant to issues in the state through training such as the workshop offered through the Alan Alda Center. At the conclusion of the two-day seminar, participants were optimistic about the positive effect the training will have on their research. "The Alan Alda training stands out in comparison with other communication workshops I've taken because it emphasizes empathy as well as message," says Jacquelyn Gill, a professor of paleoecology and plant ecology at the Climate Change Institute and School of Biology and Ecology. "In the classroom, as with talking to the media, we often focus so much on ourselves that we forget that the listener is just as important. Without a personal connection, you're less likely to listen, which means you're less likely to learn." Roger Sher, a professor of molecular and biomedical sciences, says he has already found the training has changed the way he teaches and interacts with students. "I had a student with whom I was having a difficult time communicating and was feeling frustrated," he says. "After the Alda training, I found myself reflecting on my role in the miscommunication instead of focusing on the frustration I felt was the student's fault. The next day I found myself in a much more cooperative and productive interaction with them. I found the Alda training made me able to see what I was doing in the conflict and allow myself to be vulnerable to being partially responsible for the problem without feeling defensive." UMaine is one of several institutions from around the country in the Alan Alda Center's network. Affiliates include the University of Chicago Medical Center, Boston University School of Medicine, Robert Wood Johnson School of Medicine at Rutgers University and Dartmouth College. The UMaine Faculty Fellows represent some of the first researchers and instructors at affiliate institutions to undergo an Alan Alda Center training and its effect on their work will be measured throughout the coming year. Contact: Carmedy West, 716.471.6383

Expanding the dialogue: Climate science in the classroom

22 Oct 2015

On Friday, June 26, as various school systems came to the end of their academic calendars, 17 Maine high school and middle school teachers and 12 science researchers gathered around small tables at the University of Maine, all with the same topic in mind. Climate change. The group participated in a climate science teacher workshop led by Amy Kireta and Bjorn Grigholm, Ph.D. students with the Climate Change Institute (CCI) at UMaine. The workshop offered resources, activities and presentations to empower teachers to use a variety of tactics to discuss climate change in their classrooms. Kireta and Grigholm are participants in the Integrative Graduate Education and Research Traineeship ([IGERT](#)) — the National Science Foundation’s flagship interdisciplinary training program. The purpose of UMaine’s IGERT is to tackle the issue of adaptation to abrupt climate change (A2C2) and to involve perspectives from a wide range of disciplines. Part of the A2C2 program is to form teams or subgroups from different disciplines to come up with a collaborative immersion project — a project related to affecting climate change policy that may be different than primary research interests. Kireta and Grigholm paired up for the project because they were both interested in the educational outreach aspect of research. “A lot of times when you’re sitting in a freezer scraping ice you are wondering what you are doing for the greater world,” said Grigholm, who expects to defend his dissertation in November. “And I mean, I’m going to write a scientific paper but maybe only a handful of scientist will end up reading it. I wanted to be doing more.” “We were really interested in education and outreach and the public misperception when it comes to abrupt climate change. We really wanted to address that,” said Kireta. Before the workshop, the team sent out a teacher survey to assess how climate change was being addressed in Maine’s public school systems. The survey focused on teaching practices, knowledge, motivation, attitudes, barriers and resources used in topics related to climate science. The targeted survey group was middle and high school science teachers, but they received nearly 400 responses from teachers across Maine in a variety of disciplines. One of the major findings was the interdisciplinary nature of climate change across subjects. Maine teachers not only discuss climate change in science class, but across many different subjects, including the social sciences. The workshop, which focused on incorporating climate change educational activities in the classroom, featured presentations from Paul Mayewski, CCI director, and Kirk Maasch, professor in the Climate Change Institute and the School of Earth and Climate Sciences at UMaine. “The teachers really enjoyed the presentations because they were given by two world experts on these subjects,” said Kireta. “The two professors spoke about the current climate, climate variability and introduced the concept of abrupt climate change to describe, clarify, and help explain the relevancy of these issues to our everyday lives.” “Often times when people think about climate change, it’s this linear thing occurring at the same rate,” said Grigholm. “But, he (Mayewski) emphasized that these things could happen at any point and that there are certain tipping points for these events. We have to be, as a society, planning for this.” Both professors made their presentations available to the teachers so that they could use them in the future as resources in the classroom. The researchers also introduced the Climate Reanalyzer, an online, intuitive platform for visualizing a variety of weather and climate datasets and models that can also be used as an interactive teaching module. One of the goals for using the [Climate Reanalyzer](#), developed by Sean Birkel at the Climate Change Institute, was to explain the difference between long-term climate change and climate variability. “The climate changes from year to year, but in order to understand climate change you have to look a long-term trends,” said Grigholm. Representatives from the Maine Mathematics and Science Alliance (MMSA) and the Maine Energy Education Program (MEEP) also attended the workshop to discuss the connection between climate change and human action, as well as how to get students engaged in the topic and how teachers can incorporate the Climate Reanalyzer into their lesson plans. “There are some scary uncertainties out there about what is going to happen, but there are a lot of interesting things going on in terms of adaptation projects and opportunities, so it’s important to highlight those so things don’t feel so overwhelming, especially at such a young age,” said Grigholm. After the workshop, the researchers asked the teachers to participate in a post-workshop survey. The researchers said they were overwhelmed with the positive responses. “I didn’t know what to expect,” said Grigholm. “Working directly in a workshop was relatively new for me. You don’t know if you are throwing too much at them, or too little. But just hearing the positive responses from the teachers and how grateful they were, that was really great to hear.” “It was a lot of work, but it was extremely rewarding,” said Kireta. “It is wonderful to know that there are people just as passionate about climate change as we are, and they are working very hard every day to understand and educate the challenges we are facing.” The workshop also introduced other resources available on the Climate Change Institute website, such as the [Maine’s Climate Future](#) — an assessment that builds off a report released in 2009 that focuses on future trends in light of a changing climate

specific to the state. “I think through the IGERT program, we are starting to appreciate the importance of coming together to talk about the challenges of climate change,” said Kireta. “Being aware of these problems is an adaptation solution in itself. By forming groups who are concerned about the risks and who want to learn from each other, we are building social networks that can identify and work together towards solutions, instead of just responding to disasters. It can really go a long way in making people feel empowered.” Grigholm’s dissertation research uses ice-core samples to investigate climate and environmental conditions in central Asia the last 500 to 1,000 years. He also participates in a variety of educational outreach programs and interdisciplinary collaboration projects. “When I decided I was going back to school, I wanted to do science that was relevant and had outreach and education components,” said Kireta, who studies lake ecology and lake sediments using diatom algae as indicators of climate change. “I think climate education needs to be a part of the basic education of a citizen,” said Grigholm. “Not just understanding Earth science, but looking at it as the bigger picture, spanning all disciplines.” Contact: Amanda Clark, 207.581.3721

Grad student awarded two MTI grants for company founded with fellow alumnus

22 Oct 2015

A University of Maine Ph.D. student has been awarded two Maine Technology Institute (MTI) grants for the business he created with a fellow UMaine alumnus that aims to develop eco-friendly, recyclable and reusable products for several industries. Nadir Yildirim, a student in the Wood Science and Technology Program in the School of Forest Resources, received \$40,000 from MTI to further develop his business, Revolution Research, Inc. In October, Brunswick-based MTI awarded Yildirim with a \$15,000 Business Accelerator Grant for the commercialization of bio-based thermal insulation foam boards. The grant will support market research in the form of prospective customer interviews and will support commercialization studies. He also received a \$25,000 Seed Grant from MTI, which will allow RRI to purchase advanced equipment needed to conduct the research to develop a commercially viable product. After completing the graduate certificate in Innovation Engineering through the Foster Center for Student Innovation in 2014, Yildirim started the Orono-based RRI to develop and commercialize eco-friendly replacements of petroleum-based thermal insulation products. Yildirim, who has been working with advanced nanocomposites for more than seven years, started RRI with Alexander Chasse, a 2013 civil engineering graduate from UMaine. In June 2015, the National Science Foundation awarded RRI \$224,996 for research and development. Since the company began, RRI also has received another \$5,000 award from MTI and won first place — a \$5,000 award — at the 2015 UMaine Business Challenge. Yildirim is scheduled to present “Maine’s next big forest product; Eco-friendly thermal insulation foam boards,” at the 2015 annual meeting of the Maine Division of the New England Society of American Foresters (MESAF) on Oct. 30 at UMaine’s Wells Conference Center.

Ginger Kieffer: From potatoes to politics

22 Oct 2015

When Ginger Kieffer graduates from the University of Maine in May 2017 with a degree in political science, she plans to take her roots with her. Hailing from Caribou, Maine — the most northeastern city in the United States — the political science major grew up surrounded by potatoes and learned early on the economic importance of spuds. Her interest in food systems led her to Professor Gregory Porter, director of UMaine’s potato breeding program. She began working as a student researcher last spring, collecting pollen from potato plant flowers in the Roger Clapp Greenhouses and cross pollinating them to create new varieties of spuds. “Dr. Porter was phenomenal to work for. He was constantly explaining the processes we undertook to draw out the bigger picture,” said Kieffer. “Whenever an opportunity arose to teach me a different dimension of the project, he advocated my involvement.” This summer, Kieffer worked in Presque Isle at Aroostook Farm extracting disease-infested plants from the potato fields, counting stems and collecting samples. Her responsibilities also included extracting seeds from the fruit of the new varieties and planting them to begin the process of creating a new variety of potato, which can take 10–15 years. “Seeing the process fall into place from greenhouse to field helped me understand Dr. Porter’s passion and the intricate work that goes into bettering potato varieties,” said Kieffer. “Working at Aroostook Farm, I learned how exponentially detailed the process of moving a new variety from the greenhouses to the shelves truly is.” Kieffer plans to integrate the knowledge she gained working in potato research into her future career in politics. “This opportunity has reconstructed my sense of awareness. The potato industry is a complex animal constructed of both production as well as research and development,” said Kieffer. I’m so

thankful I had this opportunity to expand my horizons on the level of care that goes into this economic engine so prevalent in my hometown and state.” At UMaine, Kieffer minors in leadership studies and sustainable food systems and is a member of the Honors College. In May 2015, she attended the National Conference for College Women Student Leaders. She also attended the Maine NEW Leadership Conference and was selected to conduct research as a Sustainable Food Systems Research Fellow through the Honors College. She is interning in U.S. Sen. Susan Collins’ Bangor office, assisting staffers on casework that varies from Veterans Affairs to helping constituents receive benefits. After serving in the Peace Corps, Kieffer plans to enroll in a political science master’s/doctorate degree program. “UMaine has provided me with the opportunities that I needed to broaden my horizons and reach my goals,” said Kieffer. “Little did I know the research and development that went into the bag of potatoes you see in the store. Across the board this opportunity has opened my mind to the complex reality of the food market.”

UMaine Extension sheep and goat seminar Nov. 14

23 Oct 2015

University of Maine Cooperative Extension is offering its annual sheep and goat seminar from 9 a.m. to 4 p.m. Saturday, Nov. 14, at Kennebec Valley Community College, 92 Western Ave., Fairfield. Topics will include market research, social media use, product pricing, diversifying marketing strategies, enhancing customer service and creating a brand for specific products. Scheduled instructors are UMaine Extension specialist Jim McConnon, UMaine Extension associate professor Tori Jackson, and animal and veterinary sciences professor James Weber. Robert Herr, owner of Nix Besser Livestock in Pennsylvania, will discuss what to consider when buying market animals as well as what clients seek. Cost of \$35 per person — \$30 before Nov. 1 — includes lunch and materials. More information and registration are online. To request a disability accommodation, call 781.6099, 800.287.1471 (in Maine).

Business planning workshops offered in Skowhegan

23 Oct 2015

University of Maine Cooperative Extension will offer free business planning workshops for farmers and small-business owners from 6 to 9 p.m. Thursday Nov. 12 and 19, at the UMaine Extension Somerset County Office, 7 County Drive, Skowhegan. On Nov. 12, “Developing a Business Plan” will aim to help small- and home-based business owners better understand the business planning process. Workshop participants will explore the importance of developing a business plan while identifying key components and reviewing sample agendas. “Know Your Market” on Nov. 19 will present essential elements and practical methods of conducting market research. Participants will learn how to gather information to turn business plans into reality. Registration for either or both workshops is required by Nov. 9. To register or request a disability accommodation, call 474.9622 or 800.287.1495 (in Maine), or email tammy.bodge@maine.edu.

UMaine Extension seeking Eat Well program volunteers, media report

23 Oct 2015

[The Ellsworth American](#) and [Penobscot Bay Press](#) reported University of Maine Cooperative Extension is seeking volunteers for its Eat Well program in Hancock County. Participants will be trained to teach others about food preparation, safety and nutrition. Fifteen hours of hands-on training are scheduled 1–4 p.m. Thursdays, Nov. 5, 12 and 19; and Dec. 3 and 10 at the UMaine Extension office in Ellsworth. After completing the training, volunteers will provide 30 hours of community service teaching clients at a local food pantry or community meal site from January through April 2016. Training fee is \$60; limited financial assistance and payment plans are available. Deadline to apply is Friday, Oct. 30. More information is available [online](#).

McConnon to present as part of ARTober, Maine Edge reports

23 Oct 2015

[The Maine Edge](#) reported Jim McConnon, a professor of economics at the University of Maine and with the University

of Maine Cooperative Extension, will present “Pricing Your Work: Getting Paid for What You Do,” from 6 to 8 p.m. Oct. 27 at 40 Harlow Street in Bangor. McConnon’s talk is part of ARTober, a monthlong celebration of arts and culture in the city. He will speak about how many artists excel at their work but are less confident when it comes to negotiating prices, and what it means to be compensated fairly.

Anderson quoted in Cape Cod Times article on oyster symposium

23 Oct 2015

Paul Anderson, director of the Maine Sea Grant College Program at the University of Maine, was quoted in a [Cape Cod Times](#) article on the 6th International Oyster Symposium held in North Falmouth, Massachusetts. At the symposium, Anderson said Maine Sea Grant is using a \$20 million National Science Foundation EPSCoR (Experimental Program to Stimulate Competitive Research) grant to hire 20 doctoral candidates and four scientists as part of a network researching sustainable aquaculture opportunities that could be used nationwide, according to the article. Maine EPSCoR at UMaine is using the grant to mobilize the collective capacity of Maine’s coastal science resources to establish a Sustainable Ecological Aquaculture Network (SEANET) program in Maine.

Learning from the past — behavior of the Antarctic Ice Sheet

26 Oct 2015

Researchers at the University of Maine wanted to know how the Antarctic ice sheet reacts to climate change. To find out, they dove into the past to learn how the ice sheet behaved during the last glaciation, when the glacier achieved its greatest extent and what factors contributed to its ultimate retreat. In order to understand the behavior of the ice sheet during the last glaciation, the researchers used 180 radiocarbon dates of algae — found buried in glacial sediments in the Transantarctic Mountains — to reconstruct the chronology of moraine formation on the headlands adjacent to western McMurdo Sound in Antarctica. Because radiocarbon decays at a known rate, the researchers used this to calculate the age of the algae. This information allowed the researchers to piece together a record of maximum ice thickness during the last glaciation in the Ross drainage system, fed by the East and West Antarctic ice sheets. The team found that the ice sheet in the Ross Sea achieved its greatest thickness and extent not during the global glacial maximum but during the termination of the ice age, between 12,800 and 18,700 years ago. Meaning, while glaciers around the world were losing mass quickly and disappearing, the Antarctic ice sheet was growing. “This is the first time that the maximum extent of ice during the last ice age has been well-dated in the Antarctic. But it’s also important because it shows that the maximum occurred during the termination of the ice age,” Brenda Hall, professor of Glacial and Quaternary Studies, said. Due to the cold environment of the Antarctic, a glacier loses mass in nearly equal parts from shedding of icebergs and from melting by seawater at grounding lines and beneath ice shelves. Such melting, from warm waters on the continental shelf, is the cause of present-day ice recession in the Amundsen Sea sector, which has prompted reports that West Antarctic Ice Sheet collapse may be underway and could contribute significantly to sea-level as the climate continues to warm. After comparing their data with various climate records, the researchers inferred that the reason why the Antarctic ice sheet grew during the last termination was because it was relatively insensitive to rising air temperature. Instead, says Hall, the ice sheet responded to precipitation, which increased several-fold during the last deglaciation period. The researchers further concluded that the reason for eventual deglaciation in the Antarctic was from a marine mechanism and that a pronounced spike in global sea level during the last deglaciation at about 14,600 years ago — attributed by others to be the result of an unstable Antarctic ice sheet — was unlikely to have come from the Antarctic. “This research is important because it allows us to understand better the mechanisms controlling the ice sheet and thus to improve our understanding of future sea levels,” says Hall. Their research culminated with a paper, “Accumulation and marine forcing of ice dynamics in the western Ross Sea during the last deglaciation,” which appeared in *Nature Geoscience* in July 2015. Other authors included professor George Denton, as well as former graduate students Stephanie Heath, Margaret Jackson and Tobias Koffman at the School of Earth and Climate Sciences and the Climate Change Institute at UMaine. Contact: Amanda Clark, 207.581.3721

Trick or Trot at Witter Farm Oct. 30

26 Oct 2015

The University of Maine Standardbred Drill Team invites the campus community and public to the annual Trick or Trot from 6 to 8 p.m. Friday, Oct. 30, at UMaine's Witter Farm, 160 University Farm Road in Old Town. The event will include a costume contest, games, baked goods and an opportunity to meet and have photos taken with the farm's horses and sheep. The event is free. Donations and proceeds from the bake sale and photo shoot will benefit the team and its efforts to retrain and find homes for horses.

Employee Benefits Center to hold Open Enrollment 2016 Informational Sessions

26 Oct 2015

The University of Maine System Employee Benefits Center will hold Open Enrollment 2016 Informational Sessions at 10 a.m. and 1 p.m. Thursday, Nov. 12, Wells Conference Center. More information is [online](#) and by contacting benefits@maine.edu; 973.3373.

Kelley cited in Journal Tribune article on Wells Beach erosion

26 Oct 2015

[Journal Tribune](#) cited a Maine Policy Review report written by Joseph Kelley, a professor of marine geology in the University of Maine School of Earth and Climate Sciences and Climate Change Institute, in an article about Wells Beach erosion. The article focused on a public hearing held by the Board of Selectmen to discuss purchasing 375,000 cubic yards of sand from a dredging project in Portsmouth Harbor and depositing it on the beach to protect against erosion. State geologist Steve Dickson said several ill-fated engineering decisions over the past 50 years have caused erosion along Wells Beach and Drake's Island, according to the article. When the jetties around Wells Harbor were constructed in the 1960s, sand began to build up in the protected area where the southern jetty meets the beach. Wave action couldn't dislodge the sand and deposit it evenly along the rest of the beach, which caused it to accumulate until the 1970s, resulting in about 5 acres or 500,000 cubic yards of new sand dunes near the jetty, and a net loss in the beach system, the article states. The new dunes became protected by the state's Natural Resource Protection Act and the additional land claimed by property owners, making it nearly impossible to redistribute, Kelly wrote in the Maine Policy Review.

Ward, Shaler, Rubin quoted in BDN report on wood-based fuel possibilities

26 Oct 2015

The University of Maine's Jake Ward, vice president for innovation and economic development; Stephen Shaler, director of the School of Forest Resources; and Jonathan Rubin, a professor of resource economics and policy, were quoted in the [Bangor Daily News](#) article, "Is there fuel in those trees? Maine's forests, distant hopes of alternative fuel revolution." Seven years ago, Old Town mill owners Patriarch Partners planned — with the help of UMaine researchers — to produce cellulosic, or wood-based, ethanol, according to the article. When the mill reopened under Wisconsin-based papermaker Expera Specialty Solutions, cellulosic ethanol wasn't part of the business plan, the article states. However, UMaine has continued work at its pilot plant on the mill's campus. "UMaine's biorefinery research program is ongoing," Ward said. "Our R&D activity was not interrupted" by the exit of Old Town Fuel and Fiber. He said the university is open to working with a new mill owner to restart a biorefinery, but whether the university's work continues at the mill depends on that owner's intentions for the site. Shaler said university faculty members have made "a tremendous amount of progress" with research into producing ethanol from wood. If cellulosic ethanol is to become integrated into Maine's forest economy, it needs to coexist, not compete, with existing pulp or paper production, he said. Rubin, who has studied alternative fuels, noted cellulosic ethanol production is still a capital-intensive and costly process, meaning large-scale production isn't cost-effective at this point, the article states. "With petroleum prices falling, it's a tough market [for ethanol]," Rubin said. "It would help if petroleum prices went up."

Press Herald speaks with Armstrong for Maine Gardener column

26 Oct 2015

Charles Armstrong, a cranberry specialist with the University of Maine Cooperative Extension, spoke with the [Portland Press Herald](#) for the article, “You don’t need a bog to grow your own cranberries,” the latest column in the Maine Gardener series. Cranberries are a native evergreen ground cover that thrive next to lakes and streams, according to the article, and are flooded for easier harvesting. Armstrong said after growing cranberries for a few years, farmers will have to deal with the cranberry fruit worm. “It’s pretty much inevitable that it will show up, because it does exist as a native insect that has been here since cranberries have,” he said, adding organic cranberry growers will lose about half the crop in a bad year — which occurs about once a decade — to the worm.

BDN reports on family honored with Fogler Legacy Award

26 Oct 2015

The [Bangor Daily News](#) reported on the presentation of the Fogler Legacy Award to the Woodbrey family. In all, 27 members of the family, including spouses, have graduated from or are attending UMaine, according to a family history written by youngest son, James Woodbrey. On Saturday, the family was honored with the University of Maine Alumni Association’s award, which is presented occasionally to a family with a strong tradition of attending the university with at least three generations of graduates, according to the article. At least two of the family members must have a record of outstanding service to their alma mater, the Alumni Association, their community and/or their professions, the article states. Henry “Hank” Woodbrey, a dentist in Orono for many years, accepted the award on behalf of the family and his three surviving siblings.

Press Herald publishes review of UMMA exhibits

26 Oct 2015

The [Portland Press Herald](#) published a review of the current exhibitions at the University of Maine Museum of Art in downtown Bangor. “The suite of exhibitions offers a provocative consideration of contemporary photography,” according to the article. The three separate exhibits are “Celebrating Photography in Maine: Selections from the Bruce Brown Collection;” “Natural History,” photographs of people looking at wildlife dioramas in natural history museums by Traer Scott; and “Here,” an installation of wall sculptures by Paul Myoda. The exhibits will be on display until Dec. 31.

Maine’s oldest film shown at history conference, AP reports

26 Oct 2015

The Associated Press reported a clip of the oldest known film to be shot in Maine was shown by Northeast Historic Film during the 2015 history conference hosted by the Penobscot Marine Museum. The clip was shot in 1901 and shows a pair of men hauling a lobster trap, according to the article. The conference, which was held at the University of Maine Hutchinson Center in Belfast, brought together the Maine Folklife Center, Northeast Historic Film, and historians and writers to discuss Maine’s sense of place and how it has been communicated, preserved or changed over the last 100 years, the article states. WABI (Channel 5), The Tribune and Idaho Statesman carried the AP report.

Townsend quoted in Press Herald report on changes occurring in Gulf of Maine

26 Oct 2015

David Townsend, a biological oceanographer at the University of Maine, was quoted in Part One of the [Portland Press Herald](#) series, “Mayday: Gulf of Maine in distress.” The changing currents in the Gulf of Maine are likely due to the melting of the Greenland ice sheet and ice from the Arctic Ocean over the past two decades, which has dumped huge quantities of cold freshwater into the Labrador Sea, according to the article. Townsend said the localized effect has been the shifting of the extremely cold Labrador Slope Current away from the Gulf of Maine, resulting in greater deep-water inflows of warmer water coming up from the Gulf Stream to the south, the article states. “For reasons that we do not understand, there is less Labrador Slope water sitting outside the entrance to the Northeast Channel than there used to

be,” he said, which is helping drive the past decade’s temperature spike in the Gulf.

Students to address food insecurity at Hunger Dialogue

26 Oct 2015

Taking action is an emphasis of the second Maine Hunger Dialogue at the University of Maine on Nov. 6–7. About 150 students and staff from 17 universities and colleges throughout the state will pack 10,000 nutritious, nonperishable meals for food pantries. In addition, people from five college campuses and Mt. Ararat High School will report on hunger-alleviation projects they implemented after last year's inaugural Maine Hunger Dialogue. This year, 15 student teams from campuses throughout Maine will be awarded \$500 each for hunger-alleviation projects. Dialogue participants also will be invited to apply for three summer 2015 internships — at Good Shepherd Food Bank of Maine, at the Orono Community Garden and at Partners for Hunger in York County. “The goal of the Maine Hunger Dialogue is to inspire students from the state’s public and private universities and colleges, including community colleges, to learn, share ideas, network and work together to fight hunger across Maine,” says Frank Wertheim, University of Maine Cooperative Extension educator in York County. “By focusing on campuses and surrounding communities across the state, students can make a real difference in people’s lives, as well as gain career skills, raise awareness of and work toward ending food insecurity in Maine. Next year we’ll come back together to share and develop new projects and continue to elevate the effort to reduce food insecurity among our families, neighbors and friends.” The event grew out of the UMaine Extension Maine Harvest for Hunger program, which since 2000 has donated 1,788,400 pounds of surplus fruits and vegetables to people, soup kitchens, food pantries and shelters in the state. The dialogue is part of a national movement to raise awareness of hunger on every U.S. campus of higher education. A goal is for participants to be inspired, educated and connected to resources in order to help some of the 48 million Americans estimated by Feeding America to be living in food insecure households. Maine, according to Feeding America, is one of 14 states that between 2012–2014 had a significantly higher household food insecurity rate (16.2 percent) than the U.S. national average of 14.3 percent. Maine has an annual gap of 36 million meals — meaning that 36 million more meals are needed each year for every household in the state to be food secure. Alex Moore of DC Central Kitchen and state Sen. Justin Alford of Portland will be two presenters seeking to educate students about hunger and inspiring them to make a difference. Moore, a Bangor native, is chief development officer at DC Central Kitchen. The award-winning organization aims to reduce hunger with recycled food, as well as to train unemployed adults for culinary careers and to serve healthy school meals. During the first six months of the 2015, DC Central Kitchen prepared 914,738 meals for 80 social service agencies in the nation’s capital with 337,721 pounds of recovered food. It also served 516,247 meals cooked from scratch in 10 low-income area schools with 146,085 pounds of produce it bought from family owned farms. Alford, who has roots in Dexter and Waterville and lives in Portland, is the Maine Senate Democratic Leader. In summer 2015, he testified before the National Commission on Hunger as part of a national effort to ensure Americans have access to sufficient, healthy food. He continues to fight in the Legislature for policies to address hunger in the state — including spearheading Maine’s five-year strategic plan to end childhood hunger. “Food insecurity is a silent crisis that affects all of Maine, but there are simple steps we can take to address it,” says Alford. “Eliminating hunger is an achievable goal, and one that should be shared by all Mainers. I look forward to speaking with students at the Maine Hunger Dialogue about the steps we can take to unleash the full potential of children who are being held back by hunger.” The two-day event at the Wells Conference Center on the UMaine campus begins at 1 p.m. Friday, Nov. 6 and ends at 3:30 p.m. Saturday, Nov. 7. To register, to request a disability accommodation or for more information, including the agenda, visit extension.umaine.edu/programs/hunger-dialogue. Contact: Beth Staples, 207.581.3777

Female invaders are ecologically stronger than males

26 Oct 2015

Males and females of many species are often visibly different from one another. Scientists call these differences ‘*sexual dimorphism*’ and it has been studied extensively by evolutionary biologists all of the way back to Charles Darwin. But what is not yet clearly understood is how these differences impact an entire ecosystem. Researchers at the University of Maine and University of California at Santa Cruz recently published a paper suggesting that sexual dimorphism and the ratio of females to males in populations of western mosquitofish can shape the ecological impacts the invasive fish has on an ecosystem. The researchers found that female-dominated populations of mosquitofish have a greater ecological

impact compared to males. Western mosquitofish, originally from North America, have been widely introduced around the world to control mosquitos that spread diseases such as West Nile Virus and malaria. But their wide introduction created unintended consequences for native biodiversity and changes in pond ecosystems, resulting in the species being listed among the world's 100 worst invasive species by the International Union for Conservation of Nature.

"Mosquitofish are known to have detrimental effects on native freshwater fauna, and in a lot of places there are efforts to control and extirpate them," Eric Palkovacs, assistant professor of ecology and evolutionary biology at the UC Santa Cruz, said. "It's been called the 'plague minnow' in Australia and New Zealand because its effects are so drastic." In their experiments, the researchers varied the ratios of mosquitofish sexes introduced into experimental pond ecosystems and compared them to ponds without the invasive fish. The experimental pond ecosystems contained sediments, algae, zooplankton and other naturally colonizing invertebrates and amphibians. "One of the interesting population patterns that we see in mosquitofish is just how different populations can be in their proportions of males and females," Michael Kinnison, professor of evolutionary biology at the UMaine, said. "We have been frustrated on more than a few occasions by how challenging it can be to capture one sex when you already have buckets of the other." This variation in sex ratios is likely caused by differences in size, behavior, longevity and preferences of predators like birds and other fish, explains Kinnison. The scientists found that female-dominated populations changed their pond communities more than male-dominated populations, resulting in stronger 'trophic cascades'. Trophic cascades are changes in communities that occur when predators, like mosquitofish, reduce the abundances of their prey, leading to increased abundances of those prey's prey, producing a flip-flopping effects down the food chain. "We knew from past work that mosquitofish introductions produce trophic cascades all of the way down to the algae at the base of the food chain," said Kinnison. "What was surprising, is that female-biased populations significantly magnified essentially all of those cascading effects." The researchers found that populations with more females exacerbated cascade effects on everything from zooplankton and algae to temperatures and pH (a measure of water acidity). The authors of the study indicated this pattern is consistent with some of the known differences between female and male mosquitofish. Female mosquitofish are larger and prefer larger prey, have higher feeding rates and spend more time foraging in the presence of other females when males instead devote more time to finding mates. The findings from this study have both general and applied implications, says Kinnison. Sexual dimorphism and sex ratio variation are very common in fishes and other taxa, so this work could provide encouragement to consider the ecological consequences of these patterns in many other species. From an applied standpoint, says Kinnison, the approaches used to control mosquitofish and other invasive species — such as trapping or introductions of sterile males to reduce fertile matings — can inadvertently shift sex ratios and in doing so alleviate or intensify the ecological effects of such invaders. Understanding the population biology and ecological effects of such invaders is imperative to predicting their impacts and managing them. Not all populations of invaders are equally harmful, so finding out what makes some worse than others is important. The experiments for this study were conducted at UCSC's Long Marine Laboratory with mosquitofish collected from a California mosquito vector control district. The paper, titled "Sex ratio shapes the ecological effects of a globally introduced freshwater fish," was published October 21 in *Proceedings of the Royal Society B*. Other authors included Heather Arnett, graduate student at UMaine, and David Fryxell and Travis Apgar, graduate students at UC Santa Cruz. The research was funded by the National Science Foundation, UC Santa Cruz and the Maine Agricultural and Forest Experiment Station. Contact: Amanda Clark, 207.581.3721; Michael Kinnison, 207.581.2575

Cooperative Extension AgrAbility program awarded \$189,000

26 Oct 2015

University of Maine Cooperative Extension in Orono and its nonprofit partners Goodwill Industries of Northern New England and Alpha One received \$189,000 of the \$4 million awarded by the USDA National Institute of Food and Agriculture (NIFA) through the AgrAbility Program. The U.S. Department of Agriculture awarded funds to 21 land-grant universities to assist farmers and ranchers living with a disability to continue being active in agriculture. In addition to farmers, Maine clients are fishermen, forestry workers, veterans, immigrants and migrant workers, says Lani Carlson, project coordinator of the University of Maine Cooperative Extension Maine AgrAbility Program. "Since the project formed [in Maine] in 2010, it has provided technical information to more than 200 farmers and conducted on-site assessments and provided recommendations for 92 others whose agricultural businesses include dairies, Christmas tree farms, vegetable stands, livestock operations and hay sales," she says. The purpose, says Carlson, is to help people with chronic health impairments, post-traumatic stress disorder and traumatic brain injury, as well as aging-related issues, work safely and more productively. Since initial funding in 1991, NIFA has awarded AgrAbility grants to more

than 35 states resulting in on-farm assistance to more than 12,000 farmers, while educating thousands of professionals on how to accommodate those with disabilities in agriculture. NIFA director Sonny Ramaswamy said during October — Disability Employment Awareness Month — it's appropriate to recognize the importance of assistive technology and safety techniques in agriculture. "These grants enable farmers and ranchers with disabilities to keep working — safely and productively — and keeping farmers and ranchers at work ensures thriving rural communities and economies," said Ramaswamy. In fiscal year 2015, NIFA's AgrAbility Program provided support for three new and 17 established state-level projects eligible for continuation. AgrAbility grantees must partner with nonprofit disability organizations that address the specialized needs of these American farmers and ranchers. Funded projects deliver educational programs that: advance farmers' and health professionals' knowledge in the area of farm safety; adapt new technologies for farmers with disabilities; provide direct service to agricultural workers; and encourage networking to facilitate information sharing with individuals and organizations not employed by AgrAbility. The National AgrAbility Project, directed by Purdue University in partnership with Goodwill Industries, the Arthritis Foundation, Colorado State University and the University of Illinois, received \$521,457 in fiscal year 2015 funding. In addition to UMaine Extension, the following universities and their nonprofit partners also received funding:

- **University of California**, Davis, California, Ability Tools; \$189,000
- **Colorado State University Extension**, Fort Collins, Colorado, Goodwill Industries Denver; \$189,000
- **University of Georgia**, Athens, Georgia, Fort Valley State University and Shepherd Center Rehabilitation Hospital; \$189,000
- **Kansas State University**, Manhattan, Kansas, Southeast Kansas Center for Independent Living and Assistive Technology for Kansans state program; \$189,000
- **University of Kentucky**, Lexington, Kentucky, Kentucky State University, Kentucky Office of Vocational Rehabilitation, Cardinal Hill Rehabilitation Hospital, and Growing Veterans Project; \$189,000
- **University of Illinois Cooperative Extension**, Urbana, Illinois, Macon Resources, Illinois Assistive Technology Program, and Community Health Partnership of Illinois; \$180,000
- **Michigan State University**, East Lansing, Michigan, Easter Seals of Michigan; \$189,000
- **University of Missouri**, Columbia, Missouri, Lincoln University Cooperative Extension and the Brain Injury Association of Missouri; \$189,000
- **University of Nebraska Extension**, Lincoln, Nebraska, Easter Seals Nebraska; \$189,000
- **North Carolina A&T State University**, Greensboro, North Carolina, Disability Resource Centers for Independent Living; \$177,993
- **The Ohio State University Extension**, Columbus, Ohio, Easter Seals Tristate; \$189,000
- **The Pennsylvania State University** (State College, Penn.) in partnership with United Cerebral Palsy of Central Pennsylvania; \$189,000
- **Purdue University**, West Lafayette, Indiana, Hoosier Uplands Economic Development Corporation and Arthritis Foundation — Heartland Region; \$180,000
- **University of Tennessee**, Knoxville, Tennessee, Tennessee State University and East Tennessee Technology Access Center; \$189,000
- **Texas A&M AgriLife Extension**, College Station, Texas, Prairie View A&M University and Easter Seals; \$189,000
- **Virginia Tech Institute and State University**, Blacksburg, Virginia, Easter Seals UCP of NC and Virginia; \$189,000
- **Utah State University**, Logan, Utah, New Frontiers for Families, Vocational Rehabilitation, and the Utah Assistive Technology Program; \$189,000
- **West Virginia University Extension Services**, Morgantown, West Virginia, West Virginia State University, West Virginia University Assistive Technology Systems, and Arc of the Mid Ohio Valley; \$189,000
- **University of Wisconsin**, Madison, Wisconsin, Easter Seals Wisconsin; \$189,000

Contact: Beth Staples, 207.581.3777

‘The Cherry Orchard’ is this fall’s pick of the UMaine School of Performing Arts season

26 Oct 2015

A cast of 17 will perform Chekhov's classic drama "The Cherry Orchard" Nov. 6–8 and Nov. 12–15 in a University of Maine School of Performing Arts production. "The Cherry Orchard," directed by UMaine Associate Professor of Theatre Marcia Douglas, is the story of a Russian aristocratic family at the turn of the century desperate to hold on to the past against a changing social landscape. Pride and procrastination result in the sale of their beloved estate, including its beautiful cherry orchard, to a former serf, whose father and grandfather once served the family. "This is Chekhov's last play written in 1903 and what unfolds is a comedy-drama of timeless bittersweet beauty," says Douglas. "'The Cherry Orchard' is universally acknowledged as one of the masterpieces of world theater." Performances in UMaine's Hauck Auditorium are at 7:30 p.m., Nov. 6–7 and Nov. 12–14; 2 p.m., Nov. 8 and Nov. 15. Tickets are \$10; free with student MaineCard. For tickets, visit umaine.edu/spa/tickets. To request a disability accommodation, call 207.581.1781. This fall season, UMaine's School of Performing Arts is staging 40 theater, music and dance performances on campus. A complete list of performances, dates, times, sites and ticket prices are online.

To protect ecosystems, Gill says start with largest inhabitants

26 Oct 2015

The extinction of mammoths, ground sloths and other large plant-eaters thousands of years ago triggered shifts in global habitats and changes in ecosystems, says University of Maine paleoecologist Jacquelyn Gill. The assistant professor in the School of Biology and Ecology and the Climate Change Institute says fossils and other records from the deep past provide evidence of widespread short- and long-term changes in community composition, structure and function after large herbivores went extinct. Essentially, she says, extinctions are records of completed grand natural removal experiments. And the records indicate long-term changes after megafauna extinctions included reduced seed dispersal, which continues to influence plant species, as well as an increase in fires. "At the end of the last Ice Age, we lost half of the large mammals in North America larger than a German Shepherd, and the forests and grasslands they inhabited noticed the difference," Gill says. "Large herbivores, from mammoths to elephants, play special keystone roles in ecosystems; when we lose them, we lose all the services they provide, from spreading nutrients to creating patches where many different plants can thrive." It's important to understand large herbivores' contributions to ecosystems, Gill says. Today's large plant-eaters, including elephants and rhinos, influence the abundance of woody species, as well as impact plant diversity, nutrient cycling and other animals. They also are among the most threatened species on the planet due to reduced habitat, climate change and hunting. "There's evidence from modern studies that healthy populations of native large herbivores increase plant biodiversity, and may even help ecosystems be more resilient to climate change," Gill says. "If you want to protect an entire ecosystem, start with protecting its largest inhabitants." Gill is part of an international team that authored "[Combining paleo-data and modern exclosure experiments to assess the impact of megafauna extinctions on woody vegetation](#)." It is featured in the Oct. 26 edition of the Proceedings of the National Academy of Sciences of the United States of America. Elisabeth S. Bakker of the Netherlands Institute of Ecology is lead author of the study. Other participating researchers are: Christopher N. Johnson of the University of Tasmania in Australia; Frans W. M. Vera, of the University of Groningen in The Netherlands; Christopher J. Sandom of Oxford University in the United Kingdom; Gregory P. Asner of Carnegie Institution for Science in California and Jens-Christian Svenning of Aarhus University in Denmark. Contact: Beth Staples, 207.581.3777

International affairs, French major awarded Killam Fellowship to study in Ottawa

27 Oct 2015

Stephen Roberts, a University of Maine student studying international affairs and French with a focus in Canadian studies, has been awarded a Killam Fellowship for the 2015–2016 academic year. As a Killam Fellow, Roberts will study at Carleton University in Ottawa, while UMaine hosts a Canadian student for the academic year. Diyyinah Jamora, who is pursuing a joint honors degree in political science and communication in French at the University of Ottawa, was awarded the Killam Fellowship to study at UMaine. Roberts is a photographer, Franco-American and short-fiction writer. His family has lived in Penobscot County for about a century. A blogger for three years, he founded the Facebook page, "Portraits of UMaine." He is writing a collection of short stories about life at UMaine and is researching the microcosm of the St. John Valley shared between the U.S. and Canada. Jamora has worked with multiple organizations including TEDxKids@BC, the Vancouver Youth Sustainability Network, Genome BC and the Parliament of Canada. She began her journalism career when she was 15 years old as a student reporter for the CBC's

News Day in B.C. and now contributes to her university's English student newspaper. She loves graphic design, media production and making music. She is a second-degree karate black belt and founded the uOttawa Field Hockey Club. The Killam Fellowships program, sponsored by Fulbright Canada, allows undergraduate students from Canada and the U.S. to participate in a program of residential exchange to foster mutual understanding between the countries. Fulbright Canada is a joint, binational, treaty-based organization supported by the Canadian and U.S. governments. It is celebrating 25 years of promoting academic excellence. More information about Fulbright Canada is [online](#).

Fraternity delivers donated mattresses to those in need, WVII reports

27 Oct 2015

WVII (Channel 7) reported the University of Maine Maine fraternity Pi Kappa Phi teamed up with the United Moving Company and the Fairfield Inn to deliver mattresses to those in need. Fraternity members loaded and transported hundreds of mattresses donated by the inn to Old Town, according to the report. "It's an easy way to make a very big impact on a community," said Lucas Roy, a Pi Kappa Phi fraternity member. "We're just trying to do our best to support people and get them from where they are to where they need to be." The students said this is one of many community service events they participate in throughout the year, the report states.

Brewer quoted in MPBN report on marijuana legalization campaigns

27 Oct 2015

Mark Brewer, a political science professor at the University of Maine, spoke with the [Maine Public Broadcasting Network](#) for a report about how the campaigns behind two competing marijuana legalization initiatives are joining forces to support a question they want on the ballot next fall. The proposal would allow Mainers to possess up to 2.5 ounces of marijuana and permit limited home cultivation. It also would allow stores to sell pot, which would be taxed at 10 percent, according to the report. "A united effort on the part of both of these groups increases the chance of success rather than having two similar but distinct efforts that may split support," Brewer said, adding that the larger turnout of younger voters expected to participate in next year's presidential election also bodes well for the marijuana initiative.

International peace and justice advocate to visit UMaine, Maine Edge reports

27 Oct 2015

[The Maine Edge](#) carried a University of Maine news release announcing William Pace, a prominent advocate of international peace and justice, will visit the campus Oct. 28–29 to give two public presentations and meet with UMaine community members at several events. Pace is the executive director of the World Federalist Movement-Institute for Global Policy (WFM-IGP), a nonprofit, nonpartisan organization committed to the realization of global peace and justice through the development of democratic institutions and the application of international law. At 2:10 p.m. Wednesday, Pace will deliver the lecture, "The United Nations and UN Charter at 70 — The Myths and Reality," in 101 Neville Hall. At 1:10 p.m. Thursday, he will lead a seminar on "International Peace, Justice and the Responsibility to Protect" in the Bangor Room of the Memorial Union. While on campus, Pace, who has been engaged in international justice, rule of law, environmental law, and human rights for the past 30 years, will meet with several groups of UMaine students and faculty.

Press Herald interviews Steneck about lobsters for article in Gulf of Maine series

27 Oct 2015

Robert Steneck, a marine scientist at the University of Maine Darling Marine Center, spoke with the [Portland Press Herald](#) for the article, "Gulf of Maine's cold-craving species forced to retreat to deeper waters," which is part of the series, "Mayday: Gulf of Maine in distress." The warming Gulf introduces potential perils for lobsters and the lobster industry, Steneck said. "We're definitely seeing this geographic shift and it's in keeping with the warming of the Gulf," he said. "Unless something changes in terms of ocean temperature trends, the Gulf of Maine will not likely remain a great place for high lobster abundance. How long this takes to play out — whether it's decades or centuries — nobody

knows.” Potential problems for lobsters related to warming water in the Gulf include having less dissolved oxygen in the water and shell disease, according to the article.

President Hunter subject of MAINE Alumni Magazine cover story

15 Oct 2015



University of Maine President Susan J. Hunter was featured on the cover of MAINE Alumni Magazine's fall 2015 issue. Read the full story below or download a [PDF](#).

UMaine leadership

Dr. Susan J. Hunter reflects on the role of the flagship university today, her presidency, and the importance of public higher education to change lives. Dr. Susan J. Hunter '50H is in her second year as the 20th and first woman president of the University of Maine. She has been a member of the UMaine community for nearly three decades, and is a staunch believer in the power of education to change lives. Her longevity on campus makes her intimately familiar with UMaine and the state it serves. This fall, President Hunter is leading the state's flagship university into the fifth year of its strategic plan and the second half of its 150th anniversary celebration. MAINE Alumni Magazine asked President Hunter to share her vision for UMaine, the importance of public higher education, and the role of the state's land and sea grant university today. **What is your vision for UMaine?** We are Maine's land and sea grant institution, which means we have a responsibility to be affordable and accessible, and a mission to provide education, research and economic development, and community service statewide. We engage in teaching that engages students by utilizing

current practice, grounded in how people best learn — a process that results in growth of both student and teacher. We conduct research and scholarship that are critically evaluated within the disciplines and, in many fields, attract substantial external funding. UMaine conducts outreach that is connected to and supportive of the people and enterprises of the state of Maine. In doing all this, we insert students in real-world enterprises to inform their academic work and provide incredible growth opportunities. I believe that, in many cases, it is in those engagement opportunities that passion is discovered. This is a wonderful university and we all have critical roles to play to contribute to the future of Maine. **What is UMaine's role in Maine's economic development?** At the University of Maine, we partner with enterprises across the state so it can reach its potential, and we've been doing that from the very beginning. A commitment that's part of our DNA as a land grant university. In 1866, the year after the founding of Maine's land grant, Gov. Joshua Chamberlain told the legislature in his annual address that the university would — by design — benefit the state's prosperity, and would educate Maine's youths "not out of their proper sphere, but into it." UMaine's economic development work started before the turn of the century with "scientific agricultural investigations," and moved into Maine's other natural resources-based industries, including forestry, pulp and paper, and fisheries. We continue to support those industries vital to Maine's identity and so many more. Today, UMaine's leadership role in the state's economic development focuses on how we can best help prepare Maine for the 21st century. In partnership with entrepreneurs, businesses, and industries statewide, we facilitate technology transfer, patenting, licensing, and commercialization activities. The University of Maine is constantly innovating to turn knowledge into solutions because, as it has for 150 years, the state turns to us for answers. **What are some of the achievements of UMaine's five-year strategic plan?** UMaine's strategic plan is our operating scheme, our compass. And while work continues in this, year five, we have already realized a number of achievements. A major goal was to define UMaine's principal strengths — Signature and Emerging Areas of Excellence. We identified the areas of signature distinction underlying UMaine's leadership in meeting the state's greatest needs — forestry and the environment, marine sciences, STEM education, climate change, advanced materials for infrastructure and energy, and the colleges of engineering and honors. Paying particular attention to these areas of distinction enhances the national competitiveness of the university, and will inform institutional fundraising goals and strategies going forward. It allows us to enhance the depth and breadth of our collaborative faculty. These areas align with the major fields of UMaine's research expenditures, which in FY14 totaled more than \$100 million. The Signature Areas are those in which UMaine has achieved national and international distinction, and have played significant roles in our history. Also defining our future will be the Emerging Areas of Excellence with the potential to reach the next level of excellence — aging research, data science and engineering, sustainability solutions and technology, finance education, humanities research and education on the Northeastern Americas, and the Graduate School of Biomedical Science and Engineering. **Tell us about the One University plan.** As described by the Chancellor and the University of Maine System Board of Trustees, One University is an organizing framework and a vision for seven differentiated campuses operating as one fully integrated university, singularly focused on student success and responsive service to the state of Maine. In this model that's still under development, UMaine has a leadership role as Maine's land grant, research, and graduate education university, with a statewide mission. **What is your message to alumni?** Alumni can be wonderful advocates, talking about their UMaine experiences and the impact of education on their lives. They can help convince more people to pursue an education, because we can't have a modern economy without educated people. That advocacy also involves alumni knowing their alma mater. It's impossible to know every facet, but I want alumni to know just how extraordinary our faculty are, with their passion for teaching and depth of scholarship. I want them to know the scale, scope, and depth of the excellence here. No matter what your snapshot of UMaine, there are a thousand more to discover.

About UMaine's 20th President

To find out more about the 20th president of the University of Maine, we went to three of the many people who know her well — mentor G. Bruce Wiersma '64, retired dean of UMaine's College of Natural Sciences, Forestry, and Agriculture, and Dr. Hunter's children, Dr. Christine Lambert and Griff Lambert: **What leadership qualities did you see in Dr. Hunter early on?** GBW — She is intelligent, intuitive, friendly, open to ideas, tough, demanding, kind. All those are important, but alone don't make for a good manager or leader. People have to trust and respect you. They have to believe that you will do what is best for the organization and not what is best for you alone. This is Sue Hunter. People recognize that in her and respect her for it. **Best advice she ever gave you?** CL — When I finished high school, my mom told me to go after my goal of medical school, and she and my dad would support me however they could. That idea of always reaching for what you want to do and achieve in life drives me, as I know it does my mom. **GL** —

The best advice my mom ever gave me was the example she set for how to be successful. She never stops. If she's not working or taking care of business at home, she's staying active. She's always focused on something, which keeps her motivated and constantly achieving new things. **How does she continue to inspire you?** CL — As a young woman in science, I am so lucky to have my mom. Watching her career evolve has been incredibly rewarding and instructive, and shows me what is possible with hard work and a passion to serve your community. **Anything else we should know?** GL — It may not always work, but it doesn't hurt trying to bribe her with chocolate.

WABI reports on apple gleaning to aid food pantries

27 Oct 2015

WABI (Channel 5) reported on apple gleaning that is done each fall at Johnston's Orchards in Ellsworth. The orchard donates its end-of-season apples to food pantries and community meal sites in Washington and Hancock counties, according to the report. Hannah Semler, gleaning coordinator for Healthy Acadia, said the tradition happens every year and was started by the University of Maine Cooperative Extension in collaboration with Healthy Acadia. Area high school students, representatives from food pantries, farmers and UMaine Extension Master Gardener volunteers helped gather the fruit, the report states. "We've been involved in this for the last two years, and it's just a beautiful day and [we're] doing something that we enjoy," said Doug Gray, a Master Gardener volunteer.

Fried speaks about how polling works on MPBN's 'Maine Calling'

27 Oct 2015

Amy Fried, a political science professor at the University of Maine, was a guest on the [Maine Public Broadcasting Network](#)'s "Maine Calling" radio show. Fried, author of "Pathways to Polling: Crisis, Cooperation, and the Making of Public Opinion Professions" and "Muffled Echoes: Oliver North and the Politics of Public Opinion," spoke about how polls are conducted, their accuracy, and what they really show.

AP advances 10th Cohen Lecture

27 Oct 2015

The Associated Press reported the University of Maine is hosting the 10th Cohen Lecture on Oct. 27. Former Defense Secretary William Cohen will be joined by Gen. Joseph Ralston, former supreme allied commander in Europe, and Ambassador Nicholas Burns, former undersecretary of state for political affairs, for the moderated discussion, "America's Response to Global Instability." The lecture was established in 1998 and now takes place every other year. Past speakers have included Secretary of State Madeleine Albright, astronaut and former Sen. John Glenn, Canadian Prime Minister Brian Mulroney, Attorney General Eric Holder and journalist Bob Woodward, according to the article. WABI (Channel 5), SFGate and [The Washington Times](#) carried the AP report.

Turning Maine's Challenges into Opportunities

27 Oct 2015

<https://youtu.be/OAIYnW424UM> [Transcript](#) Nate Wildes is optimistic about Maine's future, a perspective due in no small part to his experience at the University of Maine. As an undergraduate, Wildes received the training he needed to succeed in business. Now, three years after graduating, he is the owner of Breaking Wave, LLC, a business acceleration and innovation consulting company based in Harpswell, Maine. In this video, Wildes talks about his UMaine experience and how the university provided him with the tools to turn Maine's challenges into opportunities. Wildes attended TechWalk, a showcase of the Maine Technology Institute's most successful technology-based companies. The Maine Technology Institute (MTI) offers early-stage capital for the development of technologies that create new products, processes and services, generating high-quality jobs across Maine. To learn more visit mainetechnology.org. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** I currently work with manufacturers in the State of Maine, helping to sell their products online in the global marketplace. Prior to that, I worked at Eureka! Ranch, one of the co-developers of

Innovation Engineering, a program that is housed at the University of Maine. I graduated University of Maine, undergrad class of 2012. It was a broad-spectrum experience. It was framed in a way that was a toolkit. Here's a toolkit. Here's a system you can take to identify opportunities, to communicate those opportunities, and to make them real. We call them "Create, Communicate, Commercialize." Regardless of whatever industry you're in, those can be applied, and that was the training. Here's what you want to do in life, and here is the toolkit to make that real. Every challenge creates 10 opportunities. What I've been seeing here, and what I think the University has really excelled at, is helping to train people in giving them the skills and the tools they need to look at those challenges as opportunities and then to take action. Opportunity is useless unless somebody acts on it. The University is the catalyst that's really starting to make that happen. If I hadn't gone to the University of Maine, I certainly wouldn't be here with such positive a attitude about Maine's future. [Back to article](#)

UMaine Humanities Center, Outside the Wire to present 'Theater of War'

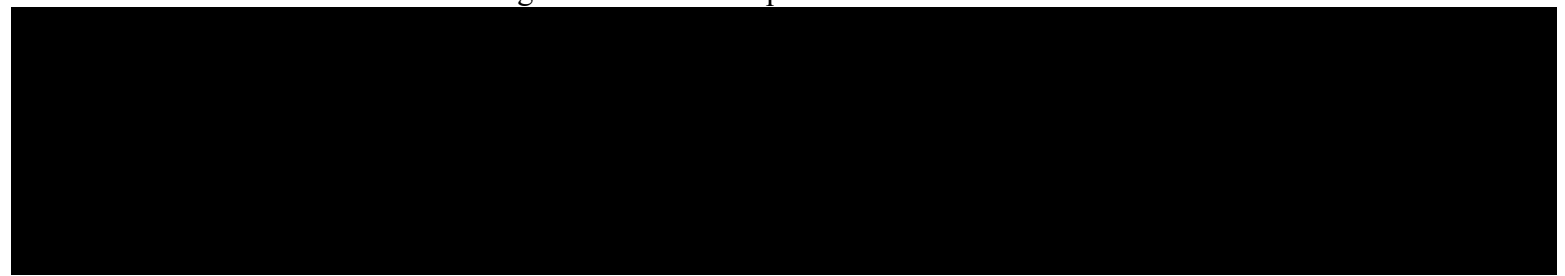
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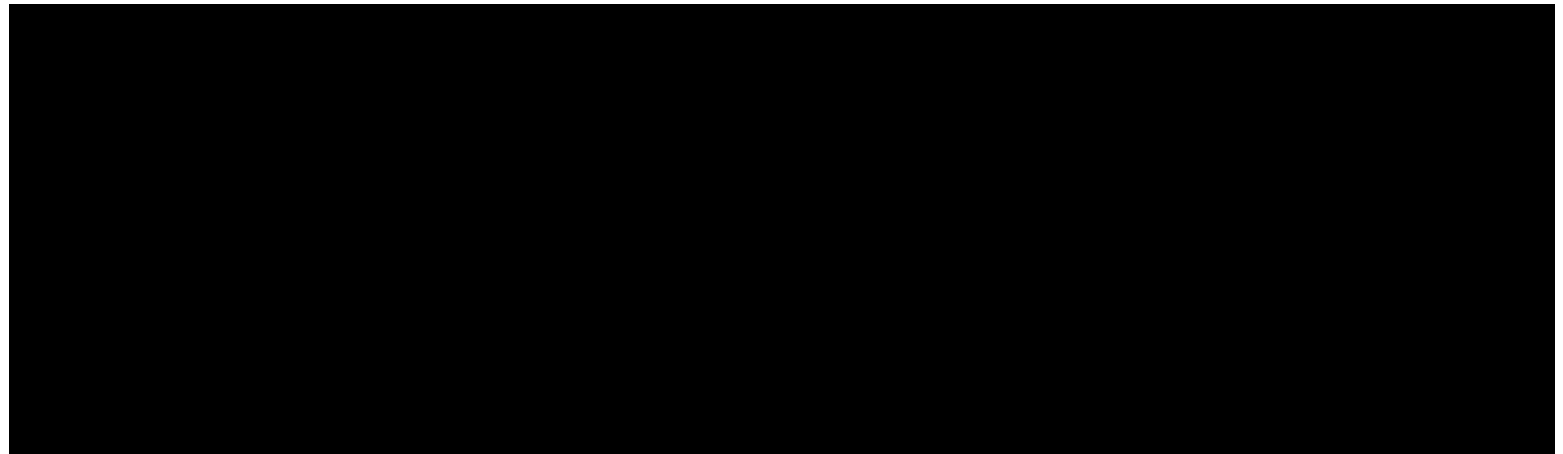
The University of Maine Humanities Center and several area sponsors will present a performance and audience discussion on the effects of war Nov. 12 in Bangor. Outside the Wire, a social impact company, will perform "Theater of War" at the Bangor Opera House at 131 Main Street from 7 to 9 p.m. "Theater of War" is an innovative public health project that presents readings of ancient Greek plays, Sophocles' "Ajax" and "Philoctetes," as a catalyst for town hall discussions about the challenges faced by service members, veterans, their families, caregivers and communities. The organization uses the plays to forge a common vocabulary for openly discussing the visible and invisible wounds of war and to foster understanding and compassion while mobilizing citizens and resources to help improve the lives of those affected. The reading will be followed by a talk with panelists from the community and an audience discussion. The event will be directed and facilitated by Bryan Doerries, who also translated the script, and produced by Phyllis Kaufman. It will feature performances by Tate Donovan, a professional actor known for his roles in the Oscar-winning movie "Argo" and television series "Friends;" and Sally Wood, an actor, director and fight choreographer based in Portland. Tickets are free, but seating is limited. Reserve tickets by emailing theaterofwar@penobscottheatre.org or calling the box office at 942.3333. The performance is sponsored by the UMaine Humanities Center (UMHC) in partnership with the Maine Infantry Foundation, Maine Masonic College, Acadia Hospital and the Penobscot Theatre Company. Five additional UMaine departments and units, as well as other nonprofit organizations and individuals helped make the event open to the public at no charge. The performance is one of several UMaine events to honor service members on Veterans Day and throughout the week. A free bus will bring UMaine students between Orono and the Bangor Opera House for the performance. For more information about transportation, contact Liam Riordan, director of the UMHC, at riordan@umit.maine.edu or 581.1913. Outside the Wire uses theater and a variety of other media to address pressing public health and social issues, such as combat-related psychological injury, end-of-life care, prison reform, political violence and torture, and the destigmatization of the treatment of substance abuse and addiction. There have been more than 300 performances of "Theater of War" for military and civilian communities throughout the United States, Europe and Japan. Over 60,000 service members, veterans and their families have attended and participated in "Theater of War" performances and discussions. More information about Outside the Wire is available on the organization's [website](#) and [Facebook](#) page or by contacting Lio Sigerson at 718.624.0351, lsigerson@theater-of-war.com. Contact: Elyse Kahl, 581.3747

Define tomorrow: Watch now

28 Oct 2015

Learn about UMaine's distinctive undergraduate student experience.





Transcript Define Tomorrow Every moment, every action, every reaction, every inspiration, every decision defines tomorrow. All your yesterdays have led you here, and here is the place where you can define tomorrow. Tomorrow we will make waves, we will dive deeper, we will play harder. Tomorrow we fly higher, and go further. Tomorrow we'll be the first to greet the sun, and the first to send it away. Tomorrow you'll meet him, or her, or this guy, or them. These guys are looking back a million yesterdays so they can figure out how to travel to the day after tomorrow, and define that too. This guy defined tomorrow, and so did she. This guy writes best sellers and is shaking hands with that guy. We don't wait for tomorrow, we engineer it, we mold it, we bend it, we build it, we define it. Define tomorrow. UMaine.

UMaine basketball teams to host preseason fan events

28 Oct 2015

The University of Maine basketball teams will host two free events for fans prior to the start of the 2015–16 regular season. The Black Bear Fan Jam youth clinic and season ticket holder appreciation event will be held at 1 p.m. Sunday, Nov. 1 at the Cross Insurance Center in Bangor. The free youth clinic will be offered on the Black Bears' official court where children will have the opportunity to learn basketball skills from coaches and players. All in attendance will receive free posters and have a chance to get autographs. Season ticket holders also will be welcome to pick up their tickets and select their seats for the 2015–16 season. Black Bear Basketball Madness for fans and UMaine students will take place at 7 p.m. Thursday, Nov. 5. at The Pit inside the New Balance Memorial Gymnasium. Guests will be able to meet the teams while enjoying free pizza, competitions, music and a dance contest.

BOOM to perform Nov. 1 at Minsky Recital Hall

28 Oct 2015

The Baroque Orchestra of Maine (BOOM) will perform at 3 p.m. Sunday, Nov. 1, at Minsky Recital Hall at the University of Maine. This is a "Closer to Home" concert — featuring two musicians who live and teach in Maine — in the John I. and Elizabeth E. Patches Chamber Music Series. In 2010, violinist Heidi Powell founded BOOM to create a world-class baroque orchestra in the state. The lively, ordered European classical style of music was composed from about 1600 to 1750. In addition to Powell, of Ellsworth, BOOM musicians are: Richard Hsu, of Ellsworth, violin; Nina Bishop Nunn, violin; Christopher Nunn, viola; David Bakamjian, baroque cello; and Rebecca Pechefsky, harpsichord. Members of BOOM play period instruments set up in the baroque style. Each musician will be featured as a soloist during the concert. The group will perform music by Antonio Vivaldi, J.S. Bach, Joseph Bodin de Boismortier and Dario Castello. More information and tickets are [online](#).

Estate bequest of more than \$2M to fund scholarship, Maine Edge reports

28 Oct 2015

[The Maine Edge](#) published a University of Maine news release announcing the University of Maine Foundation has received more than \$2 million from the Veronica Pendleton estate to fund the Raymond K. and Veronica Pendleton Fund at UMaine. Veronica Pendleton created the fund several years ago with a plan to provide an eventual gift from her

estate. The endowed fund will provide monetary support to students who choose to study forestry, agriculture or marine sciences in the College of Natural Sciences, Forestry, and Agriculture. It is expected that the fund will provide \$100,000 in scholarships annually.

UMaine cited in Ellsworth American article on sea urchin restoration project

28 Oct 2015

[The Ellsworth American](#) reported an industry-led effort to determine whether sea urchins can be encouraged to grow in a once fertile habitat will benefit from the Department of Marine Resources Advisory Council's vote to close part of the Sheepscot River to urchin fishing for nearly three years. The closure extends along the western side of Southport Island near Boothbay Harbor in the area around Cat Ledges. It has been closed to give the DMR an opportunity to study whether a viable fishery can be re-established in an area that once supported a substantial urchin harvest but is now virtually devoid of urchins, according to the article. The project calls for transplanting wild sea urchins into the area and seeding it with juvenile urchins raised at the University of Maine's Center for Cooperative Aquaculture Research in Franklin, the article states. Commercial harvesters will do the majority of the work on the project with support from the DMR and UMaine scientists.

BDN quotes bioengineering major in article on full moon event

28 Oct 2015

Elizabeth Jandreau, a University of Maine bioengineering major from Madawaska, was quoted in a [Bangor Daily News](#) article about the Challenger Learning Center of Maine's Full Moon Glow Walk at Bangor Waterfront. The event allowed local community members the opportunity to participate in a variety of moon and light related activities while watching the moon rise over the Penobscot River through several telescopes, according to the article. Jandreau was among the college students who volunteered to help. At her booth, she demonstrated how light refraction works by having people look at a lighted, colored gyroscope spinning through special glasses, the article states. "I really like the properties of light — it was my favorite thing while studying physics — so getting to tell people the science side of this is really fun for me. I love it," said Jandreau, a member of UMaine's chapter of Society of Women Engineers.

Boothbay Register reports on new Darling Marine Center professor

28 Oct 2015

[Boothbay Register](#) published a news release from the University of Maine Darling Marine Center (DMC) announcing its newest faculty member, Jeremy Rich. Rich is a marine microbiologist with an interest in the global nitrogen cycle. He is interested in nitrogen, as it is the limiting nutrient to plant growth in almost any ecosystem, on land or in the ocean, and a key nutrient in fertilizer. "We are delighted to welcome professor Rich to the Darling Center. His passion for understanding the role of bacteria and other microbes in ecosystem response to changing environmental conditions builds on a strong and important tradition within the center," said Heather Leslie, director of the DMC.

BDN publishes op-ed by Barkan

28 Oct 2015

The [Bangor Daily News](#) published the opinion piece "A harm reduction strategy for guns makes the most sense," by Steve Barkan, a sociology professor at the University of Maine and author of "Criminology: A Sociological Understanding (6th Edition)." Barkan also is a member of the Maine Regional Network, part of the Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members' columns appear in the BDN every other week.

Wells quoted in articles on international workshop on harmful algal blooms

28 Oct 2015

[Science Codex](#) and Summit County Citizens Voice quoted Mark Wells, a marine science professor at the University of Maine, in reports on an international workshop on harmful algal blooms and climate change. The workshop was organized by the North Pacific Marine Science Organization and the Global Ecology and Oceanography of Harmful Algal Blooms and endorsed by the International Council for the Exploration of the Sea, according to the Science Codex article. Findings from the workshop, which Wells attended and helped organize, were published in the journal “Harmful Algae.” The central findings were that while there are reasons to expect harmful algal blooms to increase with climate change, poor scientific understanding seriously limits forecasts, and current research strategies will not likely improve this capacity, the article states. “There is growing concern among scientists that climate change may exacerbate this trend,” Wells said. “We are frustrated by the inadequate national research focus to determine the likelihood of these worst-case scenarios.”

Science 360 reports on mosquitofish ecology study

28 Oct 2015

[Science 360](#) reported on a recently published paper by researchers at the University of Maine and University of California at Santa Cruz on the differences between male and female western mosquitofish and how the differences affect an entire ecosystem. The study suggests sexual dimorphism and the ratio of females to males in populations of western mosquitofish can shape the ecological impacts the invasive fish have on an ecosystem, and female-dominated populations have a greater ecological impact compared to males. Michael Kinnison, professor of evolutionary biology at UMaine, was a co-author of the paper titled “Sex ratio shapes the ecological effects of a globally introduced freshwater fish,” which was published in “Proceedings of the Royal Society B.” [The Maine Edge](#) also published a report on the study.

Media cover 10th Cohen Lecture

28 Oct 2015

The [Bangor Daily News](#), WABI (Channel 5) and WLBZ (Channel 2) reported on the 10th Cohen Lecture held at the University of Maine. Former Defense Secretary William Cohen was joined by Gen. Joseph Ralston, former supreme allied commander in Europe, and Ambassador Nicholas Burns, former undersecretary of state for political affairs, for the moderated discussion, “America’s Response to Global Instability.” Cohen said the United States needs to take a stronger leadership position in war-torn Syria, it must do more to assist refugees fleeing civil unrest in the Middle East and it should stand up to Russian President Vladimir Putin’s aggression in the region, according to the BDN. Cohen, 75, is a Bangor native who served 24 years in the U.S. Senate and House of Representatives and was Secretary of Defense under President Bill Clinton from 1997 to 2001, the BDN reports. The lecture was established in 1998 and now takes place every other year.

A tribute to Edward Grew’s 70th Birthday

28 Oct 2015

The prominent mineralogical journal “The Canadian Mineralogist” has celebrated University of Maine research professor Edward Sturgis Grew’s 70th birthday by dedicating the entire March 2015 issue to his extensive career in mineralogy and petrology. The volume contains 12 papers contributed in his honor by 63 authors representing Grew’s scientific colleagues from around the world. The cover of the journal depicts the crystal structure of the recently discovered mineral edgrewite, named in his honor. The introduction, titled “A Tribute to Edward Sturgis Grew: On the occasion of his 70th birthday,” highlights the many professional contributions and discoveries he has achieved throughout his career. Along with his extensive career in mineralogy, Grew was described as an “avid birdwatcher, amateur botanist and hiker, the editor of his father’s memoirs, and, in the company of his wife Priscilla, a world traveler.” Grew has been a research scientist, educator and mentor at UMaine since 1984. Over the course of his career, Grew has done fieldwork throughout the United States, Antarctica, Australia, Germany, India, Tajikistan and Siberia. “I am extremely grateful to the University of Maine and to my colleagues and students in the School of Earth Sciences

who for three decades have provided such a supportive environment for me to pursue my international career in mineralogy,” said Grew. Grew and his collaborators have discovered nine new boron and beryllium minerals. In 2007, Grew was named AAAS Fellow by the American Association for the Advancement of Science. In July 2015 at a ceremony in Edinburgh, Scotland, Grew received the Collins Medal from the Mineralogical Society of Great Britain and Ireland, an award given to a scientist that has made an outstanding contribution to pure or applied aspects of mineral sciences and associated studies. In November 2014, Grew established an endowment and a professorship at the School of Earth and Climate Sciences to continue his legacy of advancement in the field of mineralogy and petrology at UMaine. The Edward Sturgis Grew Earth Sciences Endowment will provide funding for educational field trips, research excursions and internship opportunities for students. The Edward Sturgis Grew Professorship in Petrology and Mineralogy was created to support a tenure-eligible faculty position in the School of Earth and Climate Sciences. Alicia Cruz-Urbe is the first Edward Sturgis Grew Professor in Petrology and Mineralogy, joining the UMaine faculty in August 2015.

Maine’s forest economy focus of group’s annual meeting Oct. 30

29 Oct 2015

The Maine Division of the New England Society of American Foresters will hold its annual fall meeting Friday, Oct. 30 at the University of Maine. The meeting will be held from 8 a.m. to 4:30 p.m. in the Wells Conference Center and will focus on “Maine’s New Economy, Our Forested Future.” The conference will involve discussion of Maine’s forest industry and opportunities to improve the state’s forest economy. Speakers will come from the forest industry and academia. Presenters from UMaine include Mindy Crandall, a professor of forest landscape management and economics; and Nadir Yildirim, a Ph.D. student in the Wood Science and Technology Program and president of Revolution Research, Inc.

UMaine students selected for NASA Rocket Launch Challenge

29 Oct 2015

A group of University of Maine students have been selected to participate in the 2015–2016 NASA Student Launch challenge, which will be held April 13–17 near NASA’s Marshall Space Flight Center in Huntsville, Alabama. Student Launch is a research-based, experiential exploration activity, requiring an eight-month commitment to design, construct, test, launch and successfully recover a reusable rocket. “Student Launch provides a real-world opportunity for our next generation of engineers and scientists to succeed in aeronautics and aerospace,” Tammy Rowan, manager of Marshall’s Academic Affairs Office, said in a NASA press release. “A true hands-on activity, Student Launch pushes their limits in critical thinking, improves their science, technology, engineering and math (STEM) skill-sets and better prepares them for success in tomorrow’s workplace.” Designs for the rockets must align with current NASA projects, such as the Space Launch System and Mars Ascent Vehicle (MAV).

Maine Edge advances Baroque Orchestra of Maine concert

29 Oct 2015

The Maine Edge published a University of Maine news release announcing the Baroque Orchestra of Maine (BOOM) will perform at 3 p.m. Sunday, Nov. 1, at Minsky Recital Hall at the University of Maine. The “Closer to Home” concert will feature two musicians who live and teach in Maine and is part of the John I. and Elizabeth E. Patches Chamber Music Series. Members of BOOM play period instruments set up in the baroque style. Each musician will be featured as a soloist during the concert. The group will perform music by Antonio Vivaldi, J.S. Bach, Joseph Bodin de Boismortier and Dario Castello. More information and tickets are [online](#).

UMaine study cited in Penobscot Bay Pilot article on bats

29 Oct 2015

A study on bats being conducted by the University of Maine’s Department of Wildlife Ecology was mentioned in a

[Penobscot Bay Pilot](#) article on the misconceptions surrounding the creatures. A single little brown bat, one of Maine's eight species, can eat up to 1,000 mosquitoes in an hour and can eat bugs that harm produce, saving the agricultural industry an estimated \$23 billion a year, according to the article. Maine's little brown bat has seen a 97 percent decline in population, and white nose syndrome has killed an estimated 6 million bats, the article states. "They are gentle creatures," said Annie Kassler, one of four volunteers working in the field, collecting data for UMaine's study. Using an iPad and an echolocation monitor, she is helping identify remaining bat colonies throughout the state.

Devin, Rawson quoted in Press Herald report on ocean acidification in Gulf of Maine

29 Oct 2015

Mick Devin, a marine biologist and shellfish hatchery manager at the University of Maine Darling Marine Center (DMC), spoke with the [Portland Press Herald](#) for the article, "Ocean acidification threatens future of aquaculture, shellfish industries," which is part of the series, "Mayday: Gulf of Maine in distress." Devin is experimenting with raising mussels in the DMC hatchery because the wild mussel population in Maine has been decimated by predators and possibly increased acidity in the Gulf of Maine, impeding the ability for mussel farmers to grow aquaculture mussels on ropes, according to the article. "Mussel farmers have been able to just throw their lines out and collect all the larvae they want from nature," Devin said. "But mussel populations are down drastically in this state, so that may not be working so well now." He said he expects hatcheries may have to step up in the not-too-distant future. Devin also is a Democratic Representative for District 90 and a co-chair of the commission that looked into the effects of ocean acidification in the Gulf of Maine, the article states. Paul Rawson, a marine scientist at UMaine who is in charge of the mussel research also was quoted in the article. "We know this affects larval development in bivalves, (and) chances are it will result in decreased numbers, whether it's a natural population on a bed or one in a farm," he said of acidic water. "We need to make sure the technology is in place so the farms will have a reliable source of seed."

WLBZ covers domestic abuse awareness walk

29 Oct 2015

WLBZ (Channel 2) reported on the second annual walk to end domestic abuse held at the University of Maine during Domestic Violence Awareness Month. The event was hosted by MBS Corps, the Maine Business School's community outreach organization. Several athletic teams joined the walk to show their support, according to the report. After the walk, speakers including representatives from Spruce Run-Womancare Alliance and Male Athletes Against Violence talked about domestic violence prevention, the report states.

Nature quotes Gill in article on networking

29 Oct 2015

Jacquelyn Gill, a palaeoecologist at the University of Maine, was quoted in a [Nature](#) article on the positive and negative effects conferences and networking can have on career development. Conferences can offer many opportunities for early-career scientists to meet mentors and collaborators, as well as impress potential employers, according to the article. But bad behavior, whether in or outside a session, can harm a researcher's reputation and jeopardize job prospects for years, the article states. "You kind of muck your way through it," Gill said of conference etiquette. "You figure out the cultural norm from watching other people." Although conference parties are natural places to make friends, there are social pitfalls, such as drinking too much alcohol, that should be avoided, Gill said. "You're around all the people who are going to make decisions about your future — the people who are going to review your papers, who are going to decide if they want to give you a scholarship or a research grant or a postdoc," she said.

UMaine to honor veterans with week of events

29 Oct 2015

Editor's note: updated version, Nov. 6, 2015 The University of Maine will recognize veterans with a week of events to

coincide with Veterans Day, Nov. 11. The activities are coordinated by the UMaine Office of Veterans Education and Transition Services (VETS) and UMaine Veterans Association. “I have come to know student-veterans at UMaine, and they represent a dedication and sense of service that is exemplary and serves as an example for other students,” says UMaine President Susan Hunter. “I am firm in the belief that, as the state’s flagship university, the University of Maine has a responsibility to be a veteran-friendly community. In partnership with UMaine student-veterans and veteran organizations statewide, we are actively engaged in working to ensure that we provide a welcoming, accessible and supportive environment.” UMaine Veterans Week activities will begin at 11:30 a.m. Monday, Nov. 9 with a dedication of a new display in the Memorial Room of the Memorial Union. The memorial, which was designed and produced in UMaine’s IMRC Center, will be unveiled by a student-veteran of Operation Iraqi Freedom Army. Robert Dana, UMaine’s vice president for student life and dean of students, will share remarks. The dedication will be followed by the annual flag raising on the Mall beginning at noon, and a barbecue sponsored by the VFW, UMVA and Student Life. “This week of events is not only a great opportunity to get the word out to student-veterans about the resources offered, but it also raises awareness in the campus community of the hundreds of student-veterans who are here, contributing to UMaine and their communities,” says senior Matt Murphy of Hermon, Maine, president of the University of Maine Veterans Association. A highlight of Veterans Week is getting veterans together and reigniting the camaraderie shared in the service, says Thomas Hayden of Litchfield, Maine, an international affairs major. The events of Veterans Week, as well as UMVA meetings/events help foster that fellowship, he says. “The UMaine veteran community is one community amongst a family of communities,” says Hayden, who served eight years in the Army and Army National Guard, with two deployments to Iraq. “These events remind our student-veterans that, although they no longer serve, they are still respected and valued, as much as they were when they were actively serving.” Classes, except those that meet once a week on Wednesdays, will be canceled on Veterans Day. The University of Maine has been designated a 2016 Military Friendly[®] School, making it the fifth year the institution has been on the list. For seven years, the Military Friendly[®] Schools designation has provided service members and their families with transparent, data-driven ratings about post-military education and career opportunities. The designation is awarded by Victory Media, a leader in successfully connecting the military and civilian worlds, and publisher of G.I. Jobs[®], STEM Jobs and Military Spouse. The Military Friendly[®] Schools designation is awarded to the top colleges, universities, community colleges and trade schools in the country that are doing the most to embrace military students, and to dedicate resources to ensure their success both in the classroom and after graduation. Today, UMaine is home to 250 students who are veterans or active-duty service members. “The University of Maine has a tremendous commitment to serving veterans,” says retired Admiral Gregory “Grog” Johnson, a UMaine alumnus and member of the University of Maine System Board of Trustees. “We recognize their contributions and breadth of experience, and appreciate how they enrich our communities, classrooms and student life statewide.” Other UMaine Veterans Week activities include:

- Tuesday, Nov. 10 — Free lunch vouchers will be available to student veterans throughout the day; vouchers can be picked up at the VETS office and used at the Bear’s Den in the Memorial Union. Free coffee and doughnuts provided by Dunkin’ Donuts will be available at the office in the morning.
- 8 a.m. Wednesday, Nov. 11 — A Veterans Day 5K to honor those who serve and protect the country will start at the New Balance Student Recreation Center. The race is free for all veterans and active duty service members, and \$15 for the general public. Registration and more information are [online](#).
- 7 p.m. Thursday, Nov. 12 — [Outside the Wire](#), a social impact company, will present a performance of “Theater of War” at the Bangor Opera House. “Theater of War” is an innovative public health project that presents readings of ancient Greek plays, Sophocles’ “Ajax” and “Philoctetes,” as a catalyst for town hall discussions about the challenges faced by service members, veterans, their families, caregivers and communities. A free bus will transport UMaine students between Orono and the Bangor Opera House. The bus will leave from the Collins Center for the Arts at 6 p.m. and return around 9:30 p.m. More information is [online](#).
- Noon–1 p.m. Friday, Nov. 13 — The annual veterans luncheon will feature guest speaker Adria O. Horn, director of the Maine Bureau of Veterans’ Services, in the Lown Room of the Memorial Union.

For more information or to request a disability accommodation, contact Tony Llerena, VETS coordinator and school certifying official for veterans, at 581.1316 or tony.llerena@maine.edu.

Climate change may increase blooming, but not the good kind

30 Oct 2015

Marine scientists warn that the future may bring more harmful algal blooms (HABs) which could threaten wildlife and the economy, but that poor scientific understanding limits long-term forecasts. Understanding algal blooms and how they will impact society was the focus of a four-day workshop — comprised of 11 marine science researchers from around the world — held in Spring 2013 at the University of Washington. The findings of the international workshop were recently published in the journal *Harmful Algae*. The paper addressed current knowledge and research constraints concerning environmental conditions that favor initiation and maintenance of harmful algal blooms. “There is growing concern among scientists that climate change may exacerbate this trend,” Mark Wells, professor of marine science at the University of Maine and lead author on the paper, says. Although phytoplankton blooms normally fuel productive ecosystems, some blooms create very low oxygen concentrations in bottom waters, killing or driving out marine fish or benthic organisms. Other algal blooms produce potent neurotoxins that threaten ecosystems and human health. Evidence suggests that these destructive blooms, called red tides in the past but more properly referred to as “harmful” algal blooms, are increasing in frequency and severity, possibly from human causes. The researchers observed that northward expansion of phytoplankton species could cause wider seasonal windows for HAB development, causing increased prevalence worldwide. The combined effects of increasing temperature and atmospheric CO₂ are affecting ocean surface temperatures, nutrients, light, and ocean water acidity, all of which affect marine ecosystems. These factors influence not just the intensity of algal blooms but also their composition. Scientists hope to figure out whether climate change will enable harmful species to outcompete other phytoplankton. “We are frustrated by the inadequate national research focus to determine the likelihood of these worst-case scenarios,” said Wells, who was an organizer for the workshop. “It is critically important that we learn as much as possible, as precisely as possible, to fill the critical gap in knowledge between the current and the future phytoplankton community structure,” Charles Trick, professor at Western University, Canada, said. The challenge is that the mechanisms driving the development of most HABs are only partially understood. “We need to build on and link our patchwork knowledge of HABs to the forecast patterns of climate change if we are to better prepare society for future HAB scenarios,” said Wells. The intense toxic phytoplankton blooms off the west coast of North America this summer appear to be associated with unusual warming-related conditions. “Does this large scale harmful algal bloom provide a window into the future?” Vera Trainer, NOAA Northwest Fisheries Science Center, said. “While it still is unclear, there is reason for substantial concern.” Participants in the workshop developed several urgent recommendations on research priorities including re-orientating research to study how harmful species interact in planktonic communities, focus more intensive study on key organisms, emphasize developing ecological and forecast models and strengthen linkages among global, national and regional observation programs. “Past research has brought great understanding of individual HAB organisms — future work must concentrate on how these harmful species fit into their ecosystems,” said Trick. “It is the most significant coastal challenge facing society today.” Although workshop participants were optimistic, they urged fundamental shifts in HAB research so that science can better inform public debate over climate change effects on the oceans, rather than just seeking to explain destructive patterns after they develop. The workshop was organized by the North Pacific Marine Science Organization (PICES) and the Global Ecology and Oceanography of Harmful Algal Blooms (GEOHAB). Its findings were endorsed by the International Council for the Exploration of the Sea. The workshop was funded by the North Pacific Marine Science Organization, U.S. National Office for Marine Biotoxins and Harmful Algal Blooms, Woods Hole Oceanographic Institution and SCOR-IOC Global Ecology and Oceanography of Harmful Algal Blooms. Contact: Amanda Clark, 207.581.3721; Mark Wells, 207.581.4322

Moxley to read as part of Bard College poetry series

30 Oct 2015

Poet Jennifer Moxley, an English professor at the University of Maine, will read some of her work at Bard College from 6–7 p.m. Nov. 5 as part of the New York college’s John Ashbery Poetry Series. She will be introduced by Ann Lauterbach, Bard College’s David and Ruth Schwab Professor of Languages and Literature, and the reading will be followed by a Q&A session. The event is free and open to the public; no tickets or reservations are required. This spring, Moxley received the 2015 William Carlos Williams Award from the Poetry Society of America for her book, “The Open Secret.” More information is available [online](#), by calling 845.758.7054, or emailing mmorriss@bard.edu.

Maine Edge previews sheep, goat seminar

30 Oct 2015

[The Maine Edge](#) published a University of Maine news release announcing the University of Maine Cooperative Extension will offer its annual sheep and goat seminar from 9 a.m. to 4 p.m. Saturday, Nov. 14, at Kennebec Valley Community College, 92 Western Ave., Fairfield. Topics will include market research, social media use, product pricing, diversifying marketing strategies, enhancing customer service and creating a brand for specific products. Cost of \$35 per person — \$30 before Nov. 1 — includes lunch and materials. More information and registration are online.

UMaine study cited in [Cleveland.com](#) article on economic effects of lead poisoning

30 Oct 2015

A University of Maine study was cited in the [Cleveland.com](#) article, “A look at the steep costs of lead poisoning: Toxic neglect.” Lead poisoning, even at low levels, causes diminished intelligence and learning problems, according to the article. It causes some of the largest economic effects from the toxin — loss of earnings and lost tax revenue, economists say. The UMaine study found that children born in 2008 that were exposed to lead would earn nearly \$240 million less throughout their lifetimes as a result of the cognitive deficits they suffered related to lead, the article states. The study was conducted by former UMaine environmental economist and researcher Mary Davis.

BDN quotes Brewer in article on Bangor City Council campaign spending

30 Oct 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in a [Bangor Daily News](#) article on the reported campaign donations and spending by the seven candidates in the race for Bangor City Council. Brewer said while low spending in national elections tends to mean the races are not as competitive, that rule probably doesn’t apply in local elections, where some candidates may rely on name recognition, the article states.

Daily Bulldog advances Mitchell’s talk on Maine islands, Wabanaki people

30 Oct 2015

[Daily Bulldog](#) reported John Bear Mitchell, Wabanaki Center Outreach and Student Development Coordinator at the University of Maine and University of Maine System Native American Waiver Coordinator, will present “Maine Indians, Wabanaki Peoples — Our Past and Present Stories” at 1:30 p.m. Nov. 7 at the Emery Community Arts Center in Farmington. Admission is \$10; free for students. Mitchell is a member of the Penobscot Nation on Indian Island, according to the article.

UMaine heating cost analysis cited in [Pocono Record](#) report

30 Oct 2015

A University of Maine analysis on heating costs was cited in the [Pocono Record](#) article, “Winter won’t freeze your wallet.” Heating prices have fallen and electricity rates have remained stable heading into what is predicted to be a mild winter, according to the article. The UMaine study found heating oil costing \$1.80 a gallon produces the same heat as a gallon of propane at \$1.76, a cord of hardwood costing \$240, or electricity at \$0.08 per kilowatt hour, the article states. categories: natural sciences, forestry, and agriculture, research, research in the news, umaine in the news

HealthAim article on Taylor Swift cites Blackstone’s sexual harassment study

30 Oct 2015

Amy Blackstone, a sociology professor at the University of Maine, was quoted in the HealthAim article, “Taylor Swift countersues radio personality: The trauma of sexual harassment.” The singer recently filed a countersuit against a radio

host who allegedly touched her inappropriately during a meet-and-greet in 2013, according to the article. Sexual harassment has the same traumatic effects on men and women, the article states. The article cited a report by Blackstone that found 70 percent of women and 45 percent of men have had experienced some form of sexual harassment in the workplace.

Media report on study that finds warming ocean factor in cod decline

30 Oct 2015

Several news organizations including the Associated Press, [Science Magazine](#), [Discovery News](#), [NPR](#), [Yahoo News](#), [Portland Press Herald](#) and [Climate Central](#) reported on a new study that found rapid warming of waters off New England is a key factor in the collapse of the region's cod fishery. The study, published in *Science*, determined changes to the species' management are needed to save one of America's oldest industries, according to reports. Andrew Thomas, an oceanography professor at the University of Maine, was a co-author of the study that was led by the Gulf of Maine Research Institute and included researchers from the National Oceanic and Atmospheric Administration and other institutions. Strict quotas placed on New England's cod fishery in 2010 were implemented to increase their numbers, but the limits failed to take into account rising water temperatures, according to an [InsideClimate News](#) article on the study. "Our management forecasts were failing because we were not accounting for this very rapid change in temperature," Thomas said in the article. Robert Steneck, a marine scientist at UMaine's Darling Marine Center, was quoted in a [New York Times](#) article on the findings. Steneck said a heat wave in 2012 brought an explosion of invasive green crabs that "caused almost a complete collapse of edible mussels and a decline in soft-shell clams." However, the warming trend has been beneficial for lobsters, he said, creating a "sweet spot" that provides perfect conditions for larvae to make their way to the seabed, according to the article. ABC News and The Sacramento Bee carried the AP report.

UMaine SigEp brothers attend biennial conclave

02 Nov 2015

Every two years, Sigma Phi Epsilon hosts the largest national gathering of its members at the Grand Chapter Conclave. This summer, 14 members of the Maine Alpha Chapter of Sigma Phi Epsilon traveled to Nashville, Tennessee for the event. In addition to undergraduates and alumni networking, delegates at conclave considered new legislation and bylaw changes. Attendees participated in personal and professional development activities, and honored achievements and service to the fraternity with the presentation of undergraduate and alumni awards. This year, Maine Alpha won its fourth consecutive Buchanan Outstanding Chapter Award. Named in honor of Past Grand President Edwin Buchanan, the Buchanan Cup, or "Buc Cup," represents superior and sustained achievement in the fraternity — the best-of-the-best Sigma Phi Epsilon chapters. "We are extremely excited to receive our fourth Buchanan Cup in a row, which represents eight years of chapter excellence. Countless numbers of brothers have worked to achieve this goal and we are very proud of them. We will be looking to work even harder over the course of the next two years in pursuit of the next Buchanan Cup in 2017," says Maine Alpha president Taylor Locke, a senior majoring in business management from Oakfield, Maine. The chapter has been instrumental in introducing significant changes in the fraternity. With the help of Maine Alpha, the national fraternity was able to eliminate "pledging," and institute a continuous development curriculum called the Balanced Man Program.

UMaine cross country teams place at America East Championships

02 Nov 2015

The University of Maine men's cross country team placed fourth overall with 95 points and the women's cross country team placed ninth with 259 points at the America East Championships on Oct. 31. The men finished with an overall time of 2:09:23.95 and an average individual finishing time of 25:52.79. Jesse Orach was Maine's top finisher, placing seventh with a time of 25:24.48. Levi Frye finished 14th at 25:39.68, followed by Aaron Willingham in 18th with a time of 25:53.45. The women finished with a total time of 1:43:44.76, averaging 20:44.96 per runner. Annabelle Wilson was the top finisher for the Black Bears, placing 47th overall with a time of 20:11.56. Shannon O'Neil finished 54th at

20:24.74 followed by freshman Haley Lawrence in 66th with a time of 20:48.31. The teams return to action Nov. 13 when they travel to Franklin Park to take part in the NCAA qualifier.

WABI reports on Zumbathon to aid domestic violence support group

02 Nov 2015

WABI (Channel 5) reported the University of Maine held a two-hour Zumbathon at the New Balance Student Recreation Center. Funds raised from the event will go to the Spruce Run-Womancare Alliance, a nonprofit organization that helps people affected by domestic violence, according to the report.

Press Herald reports trade mission to Japan deemed success

02 Nov 2015

The [Portland Press Herald](#) reported Maine officials declared a two-day trade mission to Japan a success, saying gains were made to enhance business relationships in the tourism, seafood and composites industries. Led by Gov. Paul LePage and organized by Maine International Trade Center and the U.S. Commercial Service, the visit to Tokyo focused on developing exports for those industries and developing relationships for educational opportunities, according to the article. Representatives from the University of Maine were part of the delegation and had full meeting schedules to discuss student recruitment and strengthen existing research-and-development partnerships with educational institutions.

Grad student wins Henry Braun Memorial Poetry Prize, Daily Bulldog reports

02 Nov 2015

The [Daily Bulldog](#) reported Reuben Dendinger, a master's of arts candidate at the University of Maine, and Bethany Wicks, a creative writing student at the University of Maine at Farmington, were chosen as the co-winners of the 2015 Henry Braun Memorial Poetry Prize. The \$1,000 prize, to be split between Wicks and Dendinger, was established this year by the hundreds of people who contributed to the Henry Braun Memorial Poetry Fund as a way of honoring the life and work of poet Henry Braun, according to the article. Dendinger graduated from UMaine with degrees in English and history, and started his master's program this fall studying medieval literature and assistant teaching, the article states. He said the poetry prize "was very, very generous. I was really blown away by it."

Armstrong quoted in Press Herald article on Maine cranberries

02 Nov 2015

Charles Armstrong, a cranberry specialist with the University of Maine Cooperative Extension, spoke with the [Portland Press Herald](#) for an article about Maine cranberries and using them as a pie filling. Armstrong, who tracks cranberry growth in the state, said the crop looks good for growers who brought the berries to fruition, but not for those who flooded their fields early in the season to prevent flowering. He said another factor contributing to the berry boom is that since many of the vines did not produce last year, they are ready to do so this year, according to the article. The report also cited information from UMaine's website on the history of cranberries. Cranberries, native to North America and foraged by Native Americans for food and medicine, were not cultivated in any measurable amount in the Northeast until the 1840s, the article states. By 1860, Maine had more than 600 acres of producing bogs, according to the cranberry timeline posted on UMaine's website.

Tyler Carrier: Invertebrate investigator

02 Nov 2015

After Tyler Carrier took a course focused on invertebrates — an animal that lacks a backbone — during his first-year at the University of Maine, he was hooked. Carrier graduated from UMaine in May 2015 with a B.S in marine sciences.

His honors thesis explored the interactions between sea urchins and alexandrium — a species that produces toxins that induce paralytic shellfish poisoning. His findings were published in the journal *Biological Bulletin* last June. Hailing from Providence, Rhode Island, Carrier was one of 10 students in the state to receive the Maine Sea Grant Undergraduate Scholarship in 2014 and was also awarded the Sea Grant Program Development funds. He is now a M.S. candidate in biology at the University of North Carolina at Charlotte, where he is working as a graduate research assistant in professor Adam Reitzel's laboratory. "The University of Maine, its faculty and staff, and vigorous marine sciences program gave me a disciplined freedom to explore— intellectually and physically— the marine realm, what it has to offer, and where my niche may be," said Carrier. Maine Sea Grant's full profile is available online.

Ruleo Camacho: Promoting coral reef health

02 Nov 2015

A graduate student at the University of Maine Darling Marine Center received a Young Investigator Award Honorable Mention at the 9th Florida State University Mote Symposium in October. Ruleo Camacho, who is pursuing a dual master's degree in marine biology and marine policy, presented his thesis research, "Antigua's Community Based No-Take Reserves: Developing a Bottom-Up TURF for Coral Reef Ecosystems" at the symposium in Sarasota, Florida. The conference focuses on issues relevant to fisheries. This year's topic, "Territorial Use Rights for Fishers (TURFs)," drew about 100 people from around the world, including South Africa, Chile, Australia, India, Canada, the Caribbean and U.S. The symposium examined conditions under which TURFs provide desirable social, economic, institutional and ecological results. Camacho, who grew up in Antigua and Barbuda and has seen coral ecosystem degradation due to overfishing, pollution and weather-related events, focused on coral reefs and the community-based TURF system. With guidance from advisers Bob Steneck and Teresa Johnson, Camacho developed a bottom-up management system to positively influence reef health. Camacho, a community organizer, convinced the fishing community to have a reef reserve in the Falmouth region of Antigua. "Community-based management is a viable alternative to current (but failing) top-down management practices in Antigua and Barbuda to positively influence the key drivers needed for the recovery of the islands' coral reef ecosystems," says Camacho, whose research is funded by a Fulbright Foreign Scholarship and a Thurgood Marshall Scholarship. Shifting primary responsibility of resource management to the main stakeholders — fishermen — was key to creating the reserve. Camacho actively involved fishermen in discussions regarding formation and location of the reserve. Their decision to not fish in the reserve is voluntary. Steneck, who also attended the conference, said Camacho should be proud of the award. "The small reserve he created is a demonstration project for the fishing community in Antigua, who are mostly too young to ever have seen a healthy coral reef. It is extremely hard to discuss future options with stakeholders if they have no concept of what the future could look like," says Steneck. Heather Leslie, director of the Darling Marine Center, praised Camacho for his innovative, community-based research method. "Ruleo's interdisciplinary approach to marine science and stewardship is exactly what we need to tackle 21st -century ocean challenges," she says.

2015–2016 CUGR Academic Year Research and Creative Activities Fellowship winners announced

02 Nov 2015

The University of Maine's Center for Undergraduate Research (CUGR) has announced the recipients of the Academic Year Research and Creative Activities Fellowships for 2015–16. The fellowships were developed to enhance and increase undergraduate student involvement in faculty-supervised research. Each fellowship provides a \$1,000 award for the student to help cover costs of their project. The fellowships are funded through the Vice President for Research's Office with additional funding from UMaine colleges. Out of the 73 applications, 17 projects were funded for an acceptance rate of about 23 percent. Each proposal was reviewed with a detailed rubric by CUGR staff members. Results of the research projects will be presented to the community Wednesday, April 27, 2016 as part of the UMaine Student Research Symposium at the Cross Insurance Center in Bangor. The event will combine the annual Undergraduate Research and Academic Showcase with the Graduate Academic Exposition (GradExpo). The winning projects:

- Morgan Cates of Camden, Maine, business management, "Research and Practicum in Arts Management and Marketing: Managing Producer for School of Performing Arts Fundraiser/University Singers European Tour

- Coordinator;” faculty mentor, Laura Artesani
- Matthew Curti of Kittery, Maine, engineering physics, “Structural Analysis of Thin Film Materials In Controlled Gas Environments using In-Situ X-Ray Diffraction;” faculty mentor, Robert Lad
 - Ashley Edwards of West Suffield, Connecticut, animal and veterinary science, “Killing of Streptococcus equi by Different Moisture Content of Compost;” faculty mentor, Robert Causey
 - Shania Evangelista of Old Orchard Beach, Maine, chemical engineering, “Extraction of Polysaccharides from Marine Biomass;” faculty mentor, Peter van Walsum
 - Grace Gould of Waterville, Maine, chemistry, “Synthesis and Characterization of Ferrocene-Oxadiazole Complexes and a Study of their Medicinal Potential;” faculty mentor, Alice Bruce
 - Hannah Grover of East Vassalboro, Maine, bioengineering, “Characterization of the Mechanical Properties of Nanocellulose Based Solid Forms;” faculty mentor, Michael Mason
 - Morgan Gustin of Merrill, Maine, animal and veterinary science, “Efficacy of Maine Lobster Shell as Treatment for Parasitic Nematodes in Small Ruminants;” faculty mentor, Robert Bayer
 - Mikael Heikkinen of Auburn, Maine, psychology, “The Effects of Categorization Training on Category Representations;” faculty mentor, Shawn Ell
 - Samuel Landry of Yarmouth, Maine, chemical engineering, “Investigation into a New Hydrogel Material for 3-D Cell Culture;” faculty mentor, William Gramlich
 - Justin Leavitt of Orono, Maine, Earth science, “Analyzing the Spatial Variability of Snow Accumulation on the Eclipse Ice Field, Yukon Territory, Canada;” faculty mentor, Karl Kreutz
 - Katherine Lees of Saco, Maine, psychology, “Prosociality: The Effects of Religion, the Government and other Societal Institutions;” faculty mentor, Jordan LaBouff
 - Molly Meadows of Portland, Maine, English literature, “Identity Construction and Queer Theory in Modern American Poetics;” faculty mentor, Carla Billitteri
 - Sarah Mullis of Corinna, Maine, sociology, “Alleviating Social Isolation and Food Insecurity Through Community Gardening; How the Orono Community Garden Impacts Seniors;” faculty mentors, Melissa Ladenheim and Mark Haggerty
 - Elias Pasquerillo of Hermon, Maine, chemistry, “Investigating Neuromelanin’s Role in Neurodegenerative Diseases Using Synthetic Fragments;” faculty mentor, Matthew Brichacek
 - Scott Richards of Jay, Maine, computer science, “Virtual Reality Exposure Therapy for Veterans with PTSD;” faculty mentor, Nicholas Giudice
 - Ella Sulinski of Old Town, Maine, cognitive psychology, “Methadone Exposure and the Mother-Infant Bond;” faculty mentor, Marie Hayes
 - Austin Ward of Lovell, Maine, engineering physics, “High Speed Mixing during Nanoparticle Formation;” faculty mentor, Scott Collins

AHI awarded nearly \$750,000 to develop fish feeds

03 Nov 2015

Acadia Harvest Inc. has been awarded a \$744,000 National Science Foundation grant to continue developing innovative fish feeds for its land-based aquaculture business. This is a Phase II Small Business Innovation Research (SBIR) grant. In 2013, AHI secured a Phase I award of \$270,000 from NSF for the same aquafeed project. Acadia Harvest formed in 2011 to grow high-quality marine seafood using land-based, indoor production methods. In collaboration with the University of Maine Center for Cooperative Aquaculture Research (CCAR) facility in Franklin, Maine, AHI successfully developed experimental feed formulations and ran growth trials with California yellowtail and black sea bass. As part of the project, AHI will develop species-specific feeds tailored to nutritional needs of its California yellowtail and black sea bass. AHI also has been named a finalist in the international competition, Fish 2.0, slated for Nov. 10–11 in Palo Alto, California. In 2013, AHI was a semifinalist in the event that “builds the knowledge and connections needed to increase investment in the sustainable seafood sector.”

UMaine men’s rugby hosts New England championship

03 Nov 2015

The University of Maine men's rugby club will host the New England Rugby Football Union (NERFU) College Men's Division Conference Championships on Nov. 7–8. UMaine (5–1), the No. 1 team in the northern division of the conference, hosts Tufts (4–1), the No. 2 team in the southern division of the conference, at noon Nov. 7 at Lengyel Field. Phasathon Itthipalakorn of Augusta, captains the 40-member UMaine squad, which has outscored opponents 202–52 this season. “The team being able to host and compete in the playoffs this year shows all the hard work and dedication the players have put in during this season and the off-season,” says coach Dale Russell. The University of Maine at Farmington (5–1), the No. 2 team in the northern division of the conference, plays Eastern Connecticut State University (6–0), the No. 1 team in the southern division, at 2 p.m. Nov. 7. The winners of Saturday's matches will square off at 11 a.m. Sunday, Nov. 8. The conference champion will advance to the National Small College Rugby Organization (NSCRO) Regional Tournament at Eastern Connecticut State University on Nov. 21–22. The runner-up will take on the Upstate New York Rugby Conference runner-up in Saratoga Springs, New York on Nov. 14.

Join the daylong celebration — 2015 Culturefest, Nov. 7

03 Nov 2015

The University of Maine Office of International Programs and International Student Association will host a daylong celebration of cultures on Saturday, Nov. 7 in the New Balance Student Recreation Center. The 28th annual Culturefest will feature international cultural exhibits, food, children's activities, a style show and performances from 11 a.m. to 3:30 p.m. The family-friendly event is free and open to the public, and provides the university's international students a place to showcase their talents and traditions. This year, more than 100 students will participate in the festivities from roughly half of the 80 countries represented at UMaine. More information on Culturefest is available [online](#) or by calling 581.3437.

Maine Edge advances ‘Theater of War’ performance

03 Nov 2015

[The Maine Edge](#) published a University of Maine news release announcing the UMaine Humanities Center and several area sponsors will present a performance and audience discussion on the effects of war Nov. 12. Outside the Wire, a social impact company, will perform “Theater of War” at the Bangor Opera House at 131 Main Street from 7 to 9 p.m. “Theater of War” is an innovative public health project that presents readings of ancient Greek plays, Sophocles’ “Ajax” and “Philoctetes,” as a catalyst for town hall discussions about the challenges faced by service members, veterans, their families, caregivers and communities. A free bus will bring UMaine students between Orono and the Bangor Opera House for the performance.

WVII interviews Garland about whether raking leaves is necessary

03 Nov 2015

Kate Garland, a horticulturist with the University of Maine Cooperative Extension, spoke with WVII (Channel 7) for the report, “Labor of fall: Is raking leaves necessary?” Garland said it's beneficial for homeowners to leave a small layer of leaves covering the yard. “It is helpful for your grass in order for it to have more exposure to the sunlight because that grass is still photosynthesizing; gathering energy and putting it back to its root system so it can have a good chance at a good start next year,” she said. However, leaves should be cleaned up when piles start to grow more than a few inches, according to the report. Using a lawn mower to shred leaf pack also creates organic matter which helps the soil, the report states. “The leaves don't add a lot of fertility in terms of the nutrient value but they do add good soil characteristics that improve the soil of the grass growing there,” Garland said, adding old leaves can also be used as mulch in gardens next year. “It suppresses the weeds but holds in the moisture as well — and it's free.”

UMaine, EMMC offer clinical engineering internship, Maine Edge reports

03 Nov 2015

[The Maine Edge](#) reported Eastern Maine Medical Center Clinical Engineering and the University of Maine recently began offering a hands-on internship to provide students with an opportunity to build experience alongside the hospital's clinical engineering team. "We have had connections with engineering students for many years, and we're excited about taking it to another level," said Ken Mitchell, director of EMMC Clinical Engineering, who has been collaborating with UMaine for nine years. "It opens up new opportunities for research and development, all while giving students the chance to do meaningful work." He expects many students who take part in the internship will return to EMMC upon graduation to pursue full-time positions within Clinical Engineering and health sciences, according to the article. "It's an exciting opportunity to learn skills from hands-on experience," says Kayla Marquis, a UMaine student and clinical engineering intern. "I'm really looking forward to applying what we have learned in the classroom to the world of medical devices."

Recent nontraditional graduate featured on WABI

03 Nov 2015

WABI (Channel 5) spoke with Michael Munson of Hudson for a report about his decision to finish college almost three decades after attending the University of Maine for classes the first time. In 1981, Munson's university studies were interrupted due to family obligations, so he entered the workforce. He became employed as a mechanical trades specialist with Facilities Management at UMaine in 1996 and resumed his education in 2007. While maintaining full-time employment, he worked toward completing his degree and became a December 2014 graduate of UMaine's Bachelor of University Studies program with a minor in Maine studies. He was named the 2015 Outstanding Graduating Student in UMaine's Division of Lifelong Learning and has been honored regionally with the University Professional & Continuing Education Association's (UPCEA) New England Continuing Education Student Award. "For me it sets the example that you can come from some fairly humble beginnings and if you apply yourself to your discipline and you have the support of your family, your friends, and your employers, you can really prosper in this state," Munson said. He is currently preparing to attend graduate school and hopes to teach one day, the report states.

Maine company leads industry in extreme-temperature textile manufacturing

03 Nov 2015

<https://www.youtube.com/watch?v=aktrXiTNL-s&feature=youtu.be> [Transcript](#) Garrett VanAtta, vice president of innovation engineering at Auburn Manufacturing, Inc. (AMI) in Mechanic Falls, Maine, knows the value of innovative product development. AMI has become an industry leader in manufacturing advanced new high-temperature textiles, serving such clients as the U.S. Department of Defense and hundreds of small businesses worldwide. Over the years, AMI has worked with UMaine's [Advanced Manufacturing Center](#) to develop some of its products. The company has also employed undergraduate interns through UMaine's [Innovate for Maine Fellows Program](#) (Maine Accelerates Growth). In this video, VanAtta talks about AMI and how these UMaine resources benefit both students and companies. The Innovate for Maine Fellows Program is managed by the University of Maine, and connects college students with Maine companies and business leaders. Internships provide support for students as they gain meaningful hands-on experience working on innovation-based company projects that accelerate growth. The program emphasizes entrepreneurship and innovation in an effort to help grow and create jobs across the state. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** I'm Garrett VanAtta. The company is Auburn Manufacturing, we're located in Mechanic Falls. We manufacture high temperature textiles. Primarily we purchase fiberglass yarns, weave the fabrics and coat them to make them higher temperature, or actually add different characteristics to the fabrics. A lot of our products get sold into the welding market, high temperature insulation markets, things like that. Our current intern actually is a mechanical engineering student at UMaine and he worked on some very similar projects to develop a CAD system that would take measurements of certain components and allow us to figure out a way to cover them. The project in UMaine was a little bit different, with a headgear project, but we were able to translate that information, the learning that he got from that program, into some of our own projects, so it's worked out very well. It's a great program, the Blackstone Innovation Program. The last 3 years we've had interns in place. I think the students certainly learn a lot and the company also gets quite a bit out of it. We also work with the Advanced Manufacturing team up there to help us develop some products --

work with some pieces of equipment that we had, that were available up there, that we certainly couldn't afford to have in our own smaller labs. We know over the years that things become more and more commoditized and we need to have new advanced products and things that aren't in the market today. That's why we start to develop some of these new products, to get them out there. [Back to article](#)

Mayewski to be presented with 2016 Hans Oeschger Medal

04 Nov 2015

The European Geosciences Union is honoring Paul Mayewski for his achievements in ice research and climatic change. In April, the director of the Climate Change Institute at the University of Maine will receive a 2016 Hans Oeschger Medal in Vienna, Austria. The EGU Division on Climate: Past, Present & Future established the medal in recognition of Hans Oeschger's scientific accomplishments. Oeschger, a physicist from Switzerland, was a pioneering expert on the effects of greenhouse gases on the planet. The EGU annually recognizes eminent scientists for outstanding research contribution in the Earth, planetary and space sciences and acknowledges them as role models for the next generation of scientists. Mayewski has led more than 55 expeditions around the planet to research climate change. He was featured in the Emmy Award-winning Showtime series "Years of Living Dangerously" that highlighted effects of climate change on people and the planet, and he appeared in the MPBN version of the award-winning film "Thin Ice: The Inside Story of Climate Science." Earlier this fall, the World Ocean Observatory hailed Mayewski as a Citizen of the Ocean for his inspiring contributions to ocean knowledge and advocacy. Mayewski chairs the International Trans-Antarctic Scientific Expedition (ITASE), a 21-nation program that explores the last 200 years of Antarctic climate history via a series of oversnow traverses that have covered much of the icy continent. He is an author and a Fellow and medal winner of the Explorers Club. He was awarded the first Medal for Excellence in Antarctic Research from the Scientific Committee for Antarctic Research, and has received many other honors. In July, Maine magazine named him one of the state's 50 Bold Visionaries. Last fall, Mayewski and CCI colleagues held a conference to prepare community planners for local effects of climate change, including sea-level rise and extreme weather events.

UMaine's annual holiday book drive gets underway

04 Nov 2015

The University of Maine's College of Education and Human Development and University Bookstore, in partnership with the Kiwanis Club of Orono-Old Town, launched the annual holiday book drive Nov. 1. New books for young children through teens can be dropped off at the bookstore or 151 Shibbes Hall through Dec. 4. The bookstore will match all donations. In addition, all children's books will be 20 percent off during the store's annual holiday sale Dec. 3. Kiwanis members will distribute the titles at the club's annual children's holiday party. The book drive is now in its 38th year, and has collected thousands of books for area youth. About 300 books were collected during last year's drive.

Gill says protecting largest inhabitants key to preserving ecosystems, Maine Edge reports

04 Nov 2015

[The Maine Edge](#) published a University of Maine news release on recent research by University of Maine paleoecologist Jacquelyn Gill. The assistant professor in the School of Biology and Ecology and the Climate Change Institute says fossils and other records from the deep past provide evidence of widespread short- and long-term changes in community composition, structure and function after large herbivores went extinct. Essentially, she says, extinctions are records of completed grand natural removal experiments. And the records indicate long-term changes after megafauna extinctions included reduced seed dispersal, which continues to influence plant species, as well as an increase in fires. "Large herbivores, from mammoths to elephants, play special keystone roles in ecosystems; when we lose them, we lose all the services they provide, from spreading nutrients to creating patches where many different plants can thrive," Gill says.

Chen's lobster population model cited in BDN article on climate change, Gulf of Maine

04 Nov 2015

In the article, “Climate change in the Gulf of Maine,” the [Bangor Daily News](#) cited a scientific model for estimating the abundance of lobster in the Gulf of Maine that was created by Yong Chen, a professor of fisheries population dynamics at the University of Maine. According to the article, scientists sounded warnings for years that the Gulf of Maine lobster population could collapse until Chen’s model arrived in the mid-2000s. The model, which incorporated data collected directly by fishermen hauling traps, has eased concerns that lobster landings could be on the verge of yet another sudden bust, the article states.

Maine Edge advances week of events to honor veterans

04 Nov 2015

[The Maine Edge](#) published a University of Maine news release announcing the university will recognize veterans with a week of events to coincide with Veterans Day, Nov. 11. The activities, which are coordinated by the UMaine Office of Veterans Education and Transition Services (VETS) and UMaine Veterans Association, will begin at 11:30 a.m. Monday, Nov. 9 with a dedication of a new display in the Memorial Room of the Memorial Union. The dedication will be followed by the annual flag raising on the Mall beginning at noon, and a barbecue. Classes, except those that meet once a week on Wednesdays, will be canceled on Veterans Day.

Brewer quoted in Press Herald article on Lewiston mayoral race

04 Nov 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Portland Press Herald](#) article, “Without a majority vote, Lewiston’s mayoral race goes to a runoff.” Mayor Robert Macdonald and challenger Ben Chin will face each other in a runoff election Dec. 8 after finishing at the top of the field in Tuesday’s election, according to the article. Chin received 3,673 votes to finish first, and Macdonald was second with 3,107 votes, but neither got more than 50 percent of the vote, the article states. The Lewiston race is nonpartisan, but activists from both major parties have been invested. Chin works for the Maine People’s Alliance, a leading advocacy group that has helped Democrats get elected in legislative and gubernatorial contests, and Macdonald has been supported by the Maine Republican Party, the article states. “In many ways this race is a microcosm of the statewide debate between Democrats and at least the Paul LePage wing — which is the dominant wing — of the Republican Party,” Brewer said. “The candidates appeal to very different constituencies in Lewiston, the same way the two major parties in Maine now appeal to very different constituencies statewide.”

Blomberg seeks to increase awareness, monitoring of declining bat populations in Maine

05 Nov 2015

Erik Blomberg, assistant professor in the Department of Wildlife, Fisheries, and Conservation Biology at the University of Maine, wanted to bring the massive declines in bat populations to the public’s attention and to educate residents about the extensive services that the animals provide to humans. He also wanted to improve monitoring methods used by researchers to evaluate Maine’s bat populations in order to increase efforts to conserve them. And he wanted to do so by involving citizens. After attending a conference in Portland, Maine, Blomberg created a pilot citizen science-based bat-monitoring project, named BatME. The goal was to test the feasibility of using handheld detectors to monitor bat populations in Maine. He proposed the project to officials at the Maine Department of Inland Fisheries and Wildlife, who immediately showed interest. Blomberg then teamed up with Maine Audubon, an organization that works to conserve the state’s wildlife habitat by engaging people of all ages through education, conservation and action, who already had volunteers working on a variety of projects. During two months in summer 2015, 20 volunteers collected more than 4,000 detections of bats with hand-held bat detecting units produced by Wildlife Acoustics. “The project provides an interface that gives volunteers a uniquely interactive experience with bats while collecting data,” said Blomberg. The new equipment — purchased with funding from the Maine Outdoor Heritage Fund — included an acoustic microphone that attaches to an iPad and simultaneously records bat echolocation calls and identifies the species

of bat. The application quickly translates the call into sounds the human ear can interpret (bats use ultrasonic sound to navigate.) “It struck me that with a lot of other wildlife, like birds in particular, we can enlist the help of nonscientists for monitoring because they (birds) are very visible and you can hear them. There is this interactive component that people get excited about, whereas with bats, which fly at night, we might not be able to hear or see them unless you are really skilled at that,” says Blomberg. “When I saw the hand-held monitoring devices I thought, ‘This could be a great tool for a citizen-scientist project.’” On Oct. 25, Blomberg gave a presentation titled, “Monitoring Bat Populations in Maine: New Strategies for Citizen-Science Data Collection,” which discussed the innovative project aimed at identifying bats in Maine to increase understanding of the mammals that’s populations are plummeting rapidly. The discussion was collaboratively sponsored by the Friends of Dr. Edith Marion Patch and the Orono Bog Boardwalk. Maine is home to eight species of bats, three of which are proposed for state listing as threatened or endangered. The eastern small-footed bat is listed in Maine as threatened, the little brown bat and the northern long-eared bat are listed as endangered in Maine and threatened under the U.S. Endangered Species Act. The declines in bat species have been attributed to white-nose syndrome, a disease caused by the cold-loving fungal pathogen *Geomyces destructans*, which awakens cave-dwelling bats from hibernation. The fungus accumulates on the bats’ muzzles and weakens the delicate membranes of their already paper-thin wings. Researchers believe the fungus irritates the animal, causing it to come out of hibernation. Waking in the middle of hibernation leaves the bat extremely vulnerable — resulting in wasted precious metabolic energy and body fat, both which are vital during the coldest months of winter. The bats are unable to raise their body temperatures high enough, resulting in death. The disease was first documented in upstate New York in 2006, when residents began to notice bats flying far from their caves, in the dead of winter, during the day — all extremely uncharacteristic behaviors. When biologists found thousands of dead bats in a cave near Albany covered in a fuzzy-looking, white dust, their concerns deepened. The disease rapidly spread throughout the Northeast, leaving in its wake millions of dead bats. It has resulted in unprecedented wide-range declines in populations of cave-hibernating bats across the country, with some species experiencing a 90-percent population decline the last five years. It wasn’t long before the fungus knocked on Maine’s door, with the first outbreak identified in Oxford County in 2011. Next year, Blomberg hopes to allow volunteers to check out equipment from UMaine or the Maine Audubon — based out of Falmouth — to expand the range of monitoring and data collection. He also plans to further standardize the sampling by asking volunteers to return to the same locations multiple nights in a row, which would help to detect bats that were missed the first night of sampling. This is important for species of greater concern, such as the little brown or the northern long-eared bat, says Blomberg. “There are not that many of them out there anymore, so the chances that a volunteer would go out on a night and detect one is very slim,” said Blomberg. “Sampling multiple nights increases the probability.” Blomberg pointed the volunteers toward areas that were common “bat-y” places — open areas, wetlands and places where there are lots of insects. Then volunteers wandered around until they heard the exciting beep of the bat detector. “We had volunteers go all over. Some took the detectors in their boats to the middle of lakes. Some were just walking around in residential neighborhoods. Some went to quarries or wetlands. They really surveyed a variety of places.” “Every person that used the detector, loved it,” he says. “I mean, it’s fun to walk around in the dark and all of the sudden all these lights start flashing and it tells you what species of bat you have detected.” The utility of this method, says Blomberg, is that it allows researchers to collect data in places they wouldn’t if they were using traditional methods for bat monitoring. The only true flying mammal, bats are nocturnal and stalk their prey at night, swooping and diving after moths, beetles, mosquitoes and flies. Bats locate prey by refracting sound off their surroundings, a system called echolocation. Dolphins also use this strategy. A lot of the bugs that bats eat are insects we don’t necessarily want around, says Blomberg, such as common crop pests and disease-spreading mosquitoes. In a study published in spring 2011 in *Science*, researchers estimated that bats annually provide more than \$3.7 billion in pest-control services to the agricultural system in the United States. Some bat species also aid in seed dispersal and the pollination of flowers. “Even in Maine, that study is estimating that by a county-to-county basis, bats are providing millions of dollars of services to us in a given year,” says Blomberg. “So when you think about declines in bat populations, this means fewer bats and fewer insects being eaten by the bats.” Contact: Amanda Clark, 207.581.3721

Seminar for beginning dairy, livestock farmers offered in Freeport

05 Nov 2015

University of Maine Cooperative Extension and Wolfe’s Neck Farm are partnering with the Wisconsin School for Beginning Dairy and Livestock Farmers to offer a seminar focused on business planning. UMaine Extension professor Rick Kersbergen will facilitate the class geared for beginning pasture-based dairy and livestock farmers. The weekly

course will be offered remotely at Wolfe's Neck Farm, 184 Burnett Road, Freeport, from noon to 2:15 p.m. Nov. 12, 2015 until March 2016. The [Wisconsin School for Beginning Dairy and Livestock Farmers](#) is the host organization. Course fee is \$300. For more information, to apply and to request a syllabus or disability accommodation, contact Kersbergen at 342.5971, richard.kersbergen@maine.edu.

UMMA to host Drop & Shop, Maine Edge reports

05 Nov 2015

[The Maine Edge](#) reported the University of Maine Museum of Art (UMMA) in downtown Bangor will host Drop & Shop from 10 a.m. to 2 p.m. Saturday, Nov. 28. The event allows parents to drop their children off at the museum while they do some holiday shopping on Small Business Saturday. Children aged 8–12 will get to explore the galleries and create a holiday gift with a professional educator, according to the article. Cost is \$20 for UMMA members; \$25 for nonmembers.

Times Higher Education publishes review by Segal

05 Nov 2015

The London-based [Times Higher Education](#) published a review by University of Maine history professor Howard Segal on Ann Larabee's "The Wrong Hands: Popular Weapons Manuals and Their Historic Challenges to a Democratic Society."

Allen to attend international peace and harmony summit, Times of India reports

05 Nov 2015

[The Times of India](#) reported Doug Allen, a philosophy professor at the University of Maine, will attend an international summit on peace and harmony in Varanasi, India. The summit is organized by the Banaras Hindu University and will be held Dec. 18–20, according to the article. Narendra Modi, the prime minister of India, may also attend the event, the article states.

BDN reports UMaine art students behind Queen City Piano Project

05 Nov 2015

The [Bangor Daily News](#) reported University of Maine students Maire Gardner and Abbie Allen, along with Portland artist Mike Lewis, painted pianos for the Queen City Piano Project. The project was organized by local arts nonprofit Launchpad, and was part of ARTober, a monthlong celebration of the arts in Bangor, according to the article. The project began with three donated pianos, which were restored and designed by the artists before being placed in public parks, the article states. Gardner, a sophomore art education major, painted a piano that was placed in Second Street Park. Allen, a resident of Lamoine who studies studio art, painted a piano for Hayford Park. "With public art you have to consider the public before you consider the art. You have to think about your environment and your audience and that will determine what you can and cannot create," Allen said.

WVII interviews Erdley about teenagers' media use

05 Nov 2015

[WVII](#) (Channel 7) spoke with Cynthia Erdley, a psychology professor at the University of Maine, for a report on a new study by Common Sense Media that found teenagers consume nine hours of media a day across multiple platforms. Erdley said many students watch TV or listen to music while doing homework, dividing their attention. "It is certainly not going to be working at 100 percent," Erdley said of doing homework while being plugged in. "So they'll get some of it, but if you are not completely focused you are not going to process all of that. It's not going to get into your working memory in a way that you are going to get it back out fully." She suggests making sure teens split their time

between school-related requirements and leisure activities, the report states.

Soil health improving due to acid rain decline, Christian Science Monitor reports

05 Nov 2015

[The Christian Science Monitor](#) reported on a new study that found soil health is improving in the United States and Canada because of a decline in acid rain. The study, which was published in the journal *Environment Science and Technology*, was led by the U.S. Geological Survey (USGS) with collaboration from researchers at the University of Maine, Canadian Forest Service, U.S. Forest Service and Quebec's parks ministry. Ivan Fernandez, a professor of soil science and forest resources at UMaine, was a co-author of the study. [Great Lakes Echo](#) also reported on the study.

Washington Post quotes Fried in article on Portland rejecting minimum wage increase

05 Nov 2015

Amy Fried, a political science professor at the University of Maine, was quoted in the [Washington Post](#) article, "Portland, Maine rejects a \$15 minimum wage. Here's what that means." On Election Day, Portland residents voted 58 percent to 42 percent against a ballot measure that would have raised the local minimum wage to \$15 by July 2019 for most businesses, according to the article. "I think it was too much, it was too far a step for people," Fried said. "A lot of people felt like it made more sense to do something statewide, then you don't have a whole situation where Portland is separate from the communities around it."

UMaine recognized for being military friendly

05 Nov 2015

The University of Maine has been designated a 2016 Military Friendly[®] School, making it the fifth year the institution has been on the list. For seven years, the Military Friendly[®] Schools designation has provided service members and their families with transparent, data-driven ratings about post-military education and career opportunities. The designation is awarded by Victory Media, a leader in successfully connecting the military and civilian worlds, and publisher of G.I. Jobs[®], STEM Jobs and Military Spouse. The Military Friendly[®] Schools designation is awarded to the top colleges, universities, community colleges and trade schools in the country that are doing the most to embrace military students, and to dedicate resources to ensure their success both in the classroom and after graduation. To earn the title, institutions complete a survey of more than 100 questions covering 10 categories, including military support on campus, graduation and employment outcomes, and military spouse policies. Survey responses are scored against benchmarks across key indicators of success. "UMaine is proud to provide veterans, service members, and their families access to high-quality education, programs and services. Being recognized as Military Friendly[®] confirms our efforts are among the best in the country," says Tony Llerena, Office of Veterans Education and Transition Services (VETS) coordinator and school certifying official for veterans. UMaine currently is home to 250 students who are veterans or active-duty service members. For more information about UMaine's commitment to attracting and supporting military students, visit the VETS [website](#). UMaine will be showcased along with other 2016 Military Friendly[®] Schools in the annual Guide to Military Friendly[®] Schools, special education issues of G.I. Jobs[®] and Military Spouse magazine, and on [MilitaryFriendly.com](#).

UMHC to offer student bus trip to Bangor Artwalk Nov. 13

06 Nov 2015

The University of Maine Humanities Center (UMHC) is offering a free student bus trip to attend the Downtown Bangor Arts Collaborative Artwalk on Friday, Nov. 13. The bus will depart campus at 4:30 p.m. from the Collins Center for the Arts parking lot and return by 8 p.m. The event will feature an art installation by UMaine faculty member Gene Felice. The trip is an annual partnership with the Maine Discovery Museum, the University of Maine Museum of Art, and

UMaine's Division of Student Life. For more information, visit the center's website or contact Liam Riordan, UMHC director, at riordan@umit.maine.edu or 581.1913.

Brewer speaks about Election Day on WVII

06 Nov 2015

Ahead of Election Day, Mark Brewer, a political science professor at the University of Maine, spoke about some of the ballot issues, local races and predicted low voter turnout on [WVII](#) (Channel 7). He said he expected the number of young people at the polls to be low this year.

Maine Edge previews November star shows at Emera Astronomy Center

06 Nov 2015

[The Maine Edge](#) advanced scheduled public star shows in November at the University of Maine's Emera Astronomy Center. The Maynard F. Jordan Planetarium shows are held 7 p.m. Fridays and 2 p.m. Sundays. Friday nights in November feature "Black Holes" and "Undiscovered Worlds." Sunday afternoons feature "Little Star that Could" and "Cosmic Journey." Admission to all shows is \$6, and seating is limited.

Phys.org, Maine Edge publish report on Blomberg's bat population research

06 Nov 2015

[Phys.org](#) and [The Maine Edge](#) carried a University of Maine news release on bat research by Erik Blomberg, an assistant professor in the Department of Wildlife, Fisheries, and Conservation Biology at the University of Maine. Through his research, Blomberg wants to bring the massive declines in bat populations to the public's attention, educate residents about the extensive services that the animals provide to humans, improve monitoring methods used by researchers to evaluate Maine's bat populations and involve citizen scientists. Blomberg created a pilot citizen science-based bat-monitoring project named BatME and has since teamed up with Maine Audubon.

'Cherry Orchard' opening included in BDN roundup of weekend events

06 Nov 2015

Theater performances at the University of Maine were included in the [Bangor Daily News](#) roundup "5 Things to do this Weekend." UMaine's School of Performing Arts opens the first weekend of its production of Anton Chekhov's "The Cherry Orchard," with performances set for Friday, Nov. 7 through Sunday, Nov. 8 at Hauck Auditorium, according to the article. The article also included a mention of the Broadway touring production of "The Producers" set for Sunday, Nov. 8 at the Collins Center for the Arts.

Post-grad students to speak at beekeepers meeting, BDN reports

06 Nov 2015

Two University of Maine students were mentioned in a [Bangor Daily News](#) article on the Maine State Beekeepers Association's annual meeting and conference set for Saturday, Nov. 14 at Hampden Academy. Two post-graduate students who work with Frank Drummond, an entomology specialist with the University of Maine Cooperative Extension and a UMaine professor of insect ecology, will speak at the event. Megan Leach will talk about honeybee nutrition in pollens and nectar, and Brianne Du Clos will talk about predicting optimal honeybee apiary site locations in Maine, according to the article.

Kinghorn mentioned in Artscope magazine article on Miami art fairs

06 Nov 2015

George Kinghorn, director and curator of the University of Maine Museum of Art (UMMA), was mentioned in an [Artscope](#) magazine article on upcoming international art fairs in Miami. Art Basel Miami Beach is the world's leading art destination during the first week of December and several adjunct fairs are scheduled to operate that week in the surrounding area, according to the article. Kinghorn, who previously was the director and curator of the Museum of Contemporary Art Jacksonville, is a 12-year veteran of the Miami Beach Art Fairs. He spends a week at the fair enjoying art, meeting with artists and purchasing pieces for the UMMA collection, the article states.

Crittenden writes article for BDN on aging in place

06 Nov 2015

Jennifer Crittenden, assistant director of the University of Maine Center on Aging, wrote an article for the [Bangor Daily News](#) titled "Senior housing funding is a 'drop in the bucket.' Here's how you can plan ahead to age in place." Maine residents recently voted in favor of a \$15 million affordable senior housing bond, according to the article. "Placed in the right location, new affordable housing units can facilitate successful aging by reducing transportation costs and providing natural opportunities for older adults to participate in their communities," Crittenden wrote.

Water on Mars focus of Phi Kappa Phi panel discussion

09 Nov 2015

The Honor Society of Phi Kappa Phi at the University of Maine will present a panel discussion on "Water on Mars" at 3 p.m. Friday, Nov. 20 at the Emera Astronomy Center. The talk will focus on the recent discovery of water flows on the planet and what may be ahead for human exploration of the solar system. Questions that will be discussed include: "Is or was there life on this planet?" "What do the geological features and chemical evidence tell us about the past and present?" and "What are some challenges for interplanetary travel to Mars?" Panelists will include UMaine professors David Batuski from the Department of Physics and Astronomy, James Fastook from the School of Computing and Information Science, and Stephen Norton from the School of Earth and Climate Sciences. All are welcome. Registration for the free event is [online](#). A live stream will be available on [YouTube](#). For more information or to request a disability accommodation, email PKP president Ali Abedi at cugr@maine.edu.

Student wins fisheries research award, Boothbay Register reports

09 Nov 2015

[Boothbay Register](#) published a news release from the University of Maine Darling Marine Center announcing marine science student Ruleo Camacho received a Young Investigator Award at the Ninth Florida State University Mote Symposium in Sarasota, Florida. The symposium focuses on issues relevant to fisheries, and this year's topic, Territorial Use Rights for Fishers (TURFs), drew about 100 people from around the world, according to the article. Camacho's thesis research, "Antigua's Community Based No-Take Reserves: Developing a Bottom-Up TURF for Coral Reef Ecosystems," received positive reviews from the symposium's international organizing committee, the article states.

Mitchell Lecture on Sustainability featured on MPBN's 'Speaking in Maine'

09 Nov 2015

The [Maine Public Broadcasting Network](#) aired the 2015 Senator George J. Mitchell Lecture on Sustainability as part of its "Speaking in Maine" public affairs lecture series. This year's talk, sponsored by the University of Maine's Senator George J. Mitchell Center for Sustainability Solutions, featured Colorado professor and author Roger Pielke Jr., who spoke about "When Science Meets Politics: Symphony or Slugfest?" [The Working Waterfront](#) also reported on the lecture.

Penobscot Bay Pilot reports Sher to speak at hospice, veterans conference

09 Nov 2015

[Penobscot Bay Pilot](#) reported Roger Sher, a professor of molecular and biomedical sciences at the University of Maine, will deliver a keynote address at the 2015 Hospice/Veterans Partnership Conference on Nov. 20 at the Togus VA Medical Clinic in Augusta. The Maine Hospice Council and Center for End of Life Care, in partnership with the Togus VA Medical Center, will hold the event that will focus on “ALS and Other Neurodegenerative Diseases: What We Need to Know; What We Need to Share,” according to the article. Sher’s research focuses on the complexities of biological systems for improving human health, with a lab focus on neurological and muscular degenerative diseases, the article states.

BDN publishes op-ed by Riordan on Ancient Greece, Veterans Day

09 Nov 2015

Liam Riordan, a University of Maine history professor, board member of the Maine Humanities Council and director of the UMaine Humanities Center, co-wrote an opinion piece for the [Bangor Daily News](#). In the article, “What we can learn from Ancient Greece on Veterans Day,” Riordan and Darryl Lyon, president of the Maine Infantry Foundation, cite an upcoming Bangor performance of “Theater of War” by Outside the Wire, a social impact company. The performance and audience discussion on the effects of war will be held from 7 to 9 p.m. Nov. 12 at the Bangor Opera House. “Theater of War” is a public health project that presents readings of ancient Greek plays, Sophocles’ “Ajax” and “Philoctetes,” as a catalyst for town hall discussions about the challenges faced by service members, veterans, their families, caregivers and communities. Riordan and Lyon also spoke about the same topic on WZON The Pulse AM 620.

WABI covers 2015 Culturefest

09 Nov 2015

WABI (Channel 5) reported on the 28th annual Culturefest held at the University of Maine. The UMaine Office of International Programs and International Student Association hosted the daylong celebration of cultures that featured international exhibits, food, children’s activities, a style show and performances. “The way we’re thinking about traditions, skin colors, food — it’s diversity. I want people to know some diversity in culture and human races,” said Sayoko Mori, coordinator of international programming and outreach at UMaine.

UMaine Biocar Team cited in Deseret News article on national competition

09 Nov 2015

[Deseret News](#) reported on the American Institute of Chemical Engineers’ 2015 Chem-E-Car competition held at the University of Utah from Nov. 8–13. The University of Maine Biocar Team — composed of 10 bioengineering students — is competing against 36 chemically powered vehicles designed by teams from around the world. The UMaine team’s car, named Babe, is powered by beef liver and hydrogen peroxide, according to the article. During the contest, cars must safely carry a specified load over a given distance before stopping. [KSL.com](#) also carried the report.

Students prepare 10,000 meals for pantries, WABI reports

09 Nov 2015

WABI (Channel 5) covered a meal-packing event held at the University of Maine as part of the Maine Hunger Dialogue. About 150 students and staff from universities and colleges throughout the state prepared 10,000 nutritious, nonperishable meals for college food pantries. “The organizers come and they bring all the bulk ingredients and then we work hard to package them up. We have faculty working next to students — wearing hair nets — working toward a common cause and making a difference,” said Kate Garland, a horticulturist with the University of Maine Cooperative Extension. The Maine Hunger Dialogue grew out of the UMaine Extension Maine Harvest for Hunger program, which since 2000 has donated 1,788,400 pounds of surplus fruits and vegetables to people, soup kitchens, food pantries and shelters in the state. Organizers say the dialogue is part of a national movement to raise awareness of hunger on every

college campus, according to the report.

Fortune interviews Blackstone for article on childfree employees

09 Nov 2015

Amy Blackstone, a sociology professor at the University of Maine, spoke with [Fortune](#) for the article, “The brutal truth about being childless at work.” For employees without children, Blackstone said, “there’s very little that protects their time to care for themselves and their families and enjoy work-life balance.” In today’s workplace, employers could do more to show they value all employees, not just those who are parents, according to the article. Blackstone said we don’t see more policies that do this because of a “cultural lag.” Policymakers haven’t caught up with the growing numbers of the childfree in workforces, and these employees want and deserve work-life balance just as parent employees do, the article states.

UMaine holds FY17 Preliminary Education and General Budget Forum

09 Nov 2015

The first University of Maine forum to open preliminary discussions on the FY17 budget was held in Wells Conference Center Nov. 9. As a “first conversation” on the FY17 budget, the forum provided an overview of the E&G budget and the projected gap, and the ways the campus community can be engaged, including providing input via an online comment form. The preliminary FY17 budget gap is projected to be \$7.175 million. Like last year, the process in achieving a balanced budget will be done with transparency through ongoing campus conversations informally, in scheduled budget forums and through an [online feedback form](#). Input also can be emailed to umpresident@maine.edu or umcbo@maine.edu. In achieving a balanced budget, the goals will be to minimize the impact on student learning, research and enrollment, and minimize the impact on employees. Rather than a budget reduction exercise, the FY17 budget process will balance reductions with investments in key areas related to the university’s strategic priorities to ensure long-term financial sustainability. In particular, two of those priorities are UMaine’s Signature and Emerging Areas of Excellence, and foundational areas — those academic areas that benefit the most students. Increasing enrollment will continue to be key to balancing the budget, including growing the number of out-of-state undergraduate degree-seeking students. Currently, 28 percent of UMaine undergraduates are out-of-state students — up 11 percentage points over the past six years. The incoming class in fall 2015 was 2,047; the projected incoming class for fall 2016 is 2,150. An enrollment of 10,889 would bring projected credit hours of 272,942 in FY17, with a potential revenue variance of \$3 million. Two new competitive financial aid packages for Maine and out-of-state students are being rolled out this month to help make UMaine even more affordable for Maine and qualified out-of-state students. In the next three months, UMaine’s revenue and expense gap will be refined. Beginning this week, preliminary target budget cuts will be distributed to units across campus. Impact statements based on the budget targets will inform the development of the draft FY17 budget that will be reviewed by the University of Maine System in February. UMaine’s next budget forum is scheduled for Jan. 20. An FY18 One University financial presentation will be held on campus Dec. 7. The FY18 budget will be a unified budget of the University of Maine System. Contact: Margaret Nagle, 207.581.3745

College of Engineering, Winter Session among programs to debut new websites

10 Nov 2015

The University of Maine [College of Engineering](#), [School of Performing Arts](#), [Winter Session](#), [Maine EPSCoR](#), [Commuter and Nontraditional Student Programs](#) and [Classified Employees Advisory Council](#) are the latest programs to upgrade to the university’s new website template. The new UMaine.edu and related pages debuted in late August. For more information on the UMaine website conversion, contact Mike Kirby at mike.kirby@maine.edu or 581.3744.

Distinguished Maine Policy Fellow Rep. Sara Gideon to visit UMaine

10 Nov 2015

Margaret Chase Smith Distinguished Maine Policy Fellow Rep. Sara Gideon will visit the University of Maine on

Wednesday, Nov. 18. Margaret Chase Smith Distinguished Maine Policy Fellows are prominent individuals with a past or current career as a policymaker in the state. The Margaret Chase Smith Policy Center brings its fellows to campus for a day to teach an undergraduate class, engage faculty about research and public policy, and meet with UMaine administration and graduate students. Distinguished Maine Policy Fellow Patrick Woodcock, director of the Maine State Energy Office, visited the university in October. Gideon is the assistant majority leader of the Maine House of Representatives and represents Freeport and Pownal. She is serving her second term in the House and is a past member of the legislature's Joint Standing Committee on Energy, Utilities and Technology. Gideon will be honored with a reception at 4 p.m. at the University Club in Fogler Library. All are welcome to attend the event, and no RSVP is required.

UMaine Biocar Team wins award at National Chem-E-Car competition

10 Nov 2015

The University of Maine Biocar Team was one of two schools to receive the Golden Tire Award at the 2015 National Chem-E-Car competition at the University of Utah. The award, chosen by participating teams, went to schools that had the most innovative design. UMaine's team — composed of 10 bioengineering students — brought their car named Babe, which raced against 36 other chemically powered vehicles designed by teams from around the world. UMaine's car was powered by an enzyme and the decomposition of hydrogen peroxide into oxygen and water. The competition was part of the American Institute of Chemical Engineer's annual student conference. The full news release is [online](#).

Press Herald publishes op-ed by Segal

10 Nov 2015

The [Portland Press Herald](#) published the opinion piece "Is a graduation speaker's wisdom really worth an outlandish fee?" by Howard Segal, a history professor at the University of Maine.

Dill to host discussion on insects in Bangor, Maine Edge reports

10 Nov 2015

[The Maine Edge](#) reported Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, will host a discussion on six- and eight-legged creatures at the Bangor Land Trust office at 7 p.m. Dec. 2. Attendees will look at and discuss spiders, ticks, mosquitoes, bedbugs, biting flies and more, according to the article.

Cody, Tijerina write op-ed on Canadian government for BDN

10 Nov 2015

Stefano Tijerina, an adjunct assistant professor in history and political science at the University of Maine; and Howard Cody, a professor emeritus of political science and Canadian studies at UMaine, co-wrote an opinion piece for the [Bangor Daily News](#) titled, "Under Trudeau, will nationalism or business as usual reign in Canada?"

BDN features UMaine Extension video on freezing tomatoes

10 Nov 2015

The [Bangor Daily News](#) featured a University of Maine Cooperative Extension video in the post, "You don't have to can all your tomatoes. Here's how to just freeze them whole." The video features Kathy Savoie, a UMaine Extension educator, who demonstrates the steps of washing, hulling, labeling and freezing the vegetable. "It is possible to quickly freeze raw tomatoes without blanching them first," Savoie said. The frozen tomatoes can be used in soups, stews, chilis and casseroles without thawing before adding to the recipe, according to the article.

Media report on FY17 preliminary budget forum

10 Nov 2015

The Associated Press, [Portland Press Herald](#) and [Bangor Daily News](#) reported on the FY17 Preliminary Education and General Budget Forum held at the University of Maine. As a “first conversation” on the FY17 budget, the forum provided an overview of the E&G budget and the projected gap, and the ways the campus community can be engaged, including providing input via an online comment form. The preliminary FY17 budget gap is projected to be \$7.175 million. Like last year, the process in achieving a balanced budget will be done with transparency through ongoing campus conversations informally, in scheduled budget forums and through an [online feedback form](#). “We want to minimize the impact on students and employees,” UMaine President Susan J. Hunter told the Press Herald. The [Maine Public Broadcasting Network](#) and [WGME](#) (Channel 13 in Portland) carried the AP report.

UMMA exhibit, Kinghorn cited in Free Press article on photo collection

10 Nov 2015

[The Free Press](#) reported the Dowling Walsh Gallery in Rockland will open an exhibit of selections from the Bruce Brown Photography Collection organized by the Center for Maine Contemporary Art (CMCA). The show is half of a two-part exhibition celebrating the collection of Bruce Brown, CMCA’s curator emeritus, who began collecting works by Maine photographers in 1989, according to the article. Thirty-six photographs from his collection are featured in the CMCA show, and 30 in a show at University of Maine Museum of Art (UMMA) in Bangor, as part of the yearlong Maine Photo Project. For the two-part exhibit, directors Suzette McAvoy of CMCA and George Kinghorn from UMMA each made an initial selection of photographs and asked Brown to “pair” their choices visually or thematically, the article states.

Antigua’s Daily Observer reports on marine biology student’s coral reef research

10 Nov 2015

The Daily Observer in St. John’s, Antigua reported on coral reef research being conducted by Ruleo Camacho, who is a pursuing a dual master’s degree in marine biology and marine policy at the University of Maine. The Antiguan and Barbudan has been conducting research geared toward protecting local reefs, and his demonstration project aims to show that community-based management is a viable alternative to the current top-down marine management practices, according to the article.

WABI covers dedication of Memorial Room display to honor fallen veterans

10 Nov 2015

WABI (Channel 5) reported on an unveiling and dedication of a new display in the Memorial Room of the Memorial Union to honor University of Maine students who died in the line of duty. “Every armed conflict, Maine students may have served in those conflicts, and a lot of those names may have been lost through time and recapturing those names on a memorial such as this, I think is a great thing,” said Lt. Col. Charles Rote, professor of military science of the Army ROTC program at UMaine. The ceremony is one of several events on campus to recognize student veterans on Veterans Day and throughout the week. The school started offering military training and education in 1869, four years after it was founded, according to the report. WVII (Channel 7) also reported on the dedication and other events held throughout the week to honor student veterans.

Power electronics company employs Innovate for Maine interns after they graduate

10 Nov 2015

<https://youtu.be/NESBLPjj9O0> [Transcript](#) Ben Polito, president and co-founder of Pika Energy, first developed the core technology for his business in the basement of his home. Now his company employs 12 people, four of whom are alumni of the University of Maine’s [Innovate for Maine Fellows Program](#). Pika Energy builds clean power systems,

including solar inverters and small wind turbines for residential and light commercial use. Based in Westbrook, Maine, Pika Energy participates in the Innovate for Maine Fellows Program that connects university students with Maine companies, providing support in the form of internships. In this video, Polito talks about his company and how the former fellows came to work for him after graduating. Pika Energy was a presenter at TechWalk, a showcase of the Maine Technology Institute's most successful technology-based companies. The Innovate for Maine Fellows Program is managed by the University of Maine, and connects college students with Maine companies and business leaders. Internships provide support for students as they gain meaningful hands-on experience working on innovation-based company projects that accelerate growth. The program emphasizes entrepreneurship and innovation in an effort to help grow and create jobs across the state. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** I'm Ben Polito. I'm the co-founder and president of Pika Energy. We're located in Westbrook, Maine. Pika Energy builds power electronics that help customers to produce and manage their own power. So, rather than buying electricity from the utility, they can actually make and manage their own power using our technology. They can cut their costs. We can provide secure power, so that their system doesn't go down in a blackout. Even allow them to sell power back to the utility. Actually, the company started out in my basement. There were three of us at first. We were developing the core technology. As we've grown over the years, we eventually outgrew the basement and moved to Westbrook, where we're located now. We have a team of 12 people. The Innovate for Maine Internship Program has been a fantastic help to our company. We've been involved in the program from the very first year. We had an intern named Tony Nuzzo, who's the engineering student out of the University of Maine System. The program matched us with the absolute perfect candidate. He actually had experience building wind turbines, which is one of the products we make. He did such a nice job, that after he went back to school and graduated, we offered him a full-time position. He's on our team now. We have Jeremy Niles, and Lance Doiron, the University of Maine electrical engineering student. Both worked with the company full-time after they finished school. Lance is doing a fantastic job as a design engineer. We're three for three in hiring our interns and we hope to continue that trend. [Back to article](#)

Explore chemistry of color at 4-H Science Saturday

12 Nov 2015

The chemistry of color will be explored at the University of Maine Cooperative Extension 4-H Science Saturday from 10 a.m. to 2:30 p.m. Nov. 21 in Aubert Hall at UMaine. In the extended session, middle and high school students will synthesize pigments and use them in chemistry and art experiments. Participants will utilize techniques and instruments used by chemists. The event includes working in chemistry laboratories, and participants will follow standard laboratory safety protocols — hair must be tied back, and open-toed shoes, shorts and loose clothing cannot be worn in the lab. The minimum number of participants is eight and the maximum is 24. The \$10 fee includes lunch. Register [online](#) by Nov. 16. For more information, or to request a disability accommodation, contact Jessica Brainerd at 581.3877 or jessica.brainerd@maine.edu.

Mitchell to present at symposium on Wabanaki culture, Morning Sentinel reports

12 Nov 2015

The [Morning Sentinel](#) reported students from three high schools have been invited to participate in a symposium that celebrates Wabanaki culture Thursday, Nov. 12 at the Margaret Chase Smith Library in Skowhegan. The goal of the symposium, organized by Kennebec River Voices, is to educate students about the history and culture of the Wabanaki, which comprises Maine's four tribes: the Penobscot, Passamaquoddy, Maliseet and Micmac, according to the article. John Bear Mitchell, Wabanaki Center Outreach and Student Development Coordinator at the University of Maine and University of Maine System Native American Waiver Coordinator, will be the event's key presenter. In a letter to school principals, Kennebec River Voices member Susan Cochran called Mitchell, who is a member of the Penobscot tribe, "an engaging and experienced educator, who has a creative way of blending lessons with storytelling," the article states.

Book co-written by Denton cited in Medill Reports Chicago article on climate change

12 Nov 2015

In the article, “Scientists explore better ways to tell the global warming story,” [Medill Reports Chicago](#) mentioned a book co-written by George Denton, a University of Maine professor in the School of Earth and Climate Sciences and Climate Change Institute. “The Fate of Greenland: Lessons from Abrupt Climate Change” was written by Denton; Philip Conkling, founder of the Island Institute; Richard Alley, a glaciologist and geosciences professor at Penn State; and Wally Broecker, a geochemist at Columbia University. The book chronicles the melting ice sheet covering much of Greenland, the culmination of years of science and many voyages in the glacial North, according to the article.

Kaye writes BDN op-ed on aging, Maine communities

12 Nov 2015

Lenard Kaye, director of the University of Maine Center on Aging and professor in the UMaine School of Social Work, wrote an opinion piece for the [Bangor Daily News](#) titled, “Now is the time for Maine communities to step up, become age-friendly.” Kaye is a member of the Maine chapter of the national Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members’ columns appear in the BDN every other week.

UMaine students volunteer in Acadia, Mount Desert Islander reports

12 Nov 2015

The [Mount Desert Islander](#) reported more than 400 volunteers participated in the 25th year of Take Pride in Acadia Day. Volunteers raked miles of carriage roads in 19 locations, clearing fallen leaves from road surfaces and drainage to reduce erosion and washouts during the freeze-and-thaw cycles of a coastal Maine winter, according to the article. About half of the volunteers were students from schools including the University of Maine, the article states.

Brinton quoted in BDN article on soil health, effects on potatoes

12 Nov 2015

Will Brinton, the CEO of Woods End Laboratories in Mount Vernon and a soil scientist with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for the article, “Healthier soil for the sake of larger spud crop.” Several researchers and farmers attended a recent soil health field day in Presque Isle, organized by the Central Aroostook Conservation and Water District, which is working to share best practices in soil management that can increase potato yields and reduce fertilizer pollution, according to the article. “You don’t need to necessarily revolutionize all your methods, but by making some small changes, like a winter cover crop, over time, the (soil) system is changing,” said Brinton, who has developed several soil health tests available to farmers and labs. Earthworms and microbes feeding on decaying roots from cover crops “work to make the soil deeper and spread,” Brinton said.

Maine Edge reviews School of Performing Arts’ ‘Cherry Orchard’

12 Nov 2015

[The Maine Edge](#) published a review of the University of Maine School of Performing Arts’ production of Anton Chekhov’s “The Cherry Orchard.” The play, which mixes comedy and tragedy, portrays an aristocratic Russian family that loses its estate because it can’t pay the mortgage. The actors “exhibit a thoughtful understanding of the story being told and hence can ensure that it is told well,” the review states. More performances of the show are scheduled for Nov. 12–15 at Hauck Auditorium.

Nature quotes Gill in article on science, sexism in social media

12 Nov 2015

Jacquelyn Gill, a palaeoecologist at the University of Maine, was quoted in a [Nature](#) article on how social media has enabled an increasingly public discussion about the persistent problem of sexism in science. Gill spoke about her own experience dealing with online threats after expressing an opinion about sexism. “I’ve run up against the real-world consequences of speaking as a woman on the Internet,” she said. However, Gill said she has been able to use social media to connect with researchers in astronomy, anthropology, engineering and computer science, among other fields. Such links can help researchers learn from each other’s experiences of confronting sexism, according to the article. “Some of our disciplines have been better at gender equality than others,” she said. “Some of us have been having these discussions for a long time.”

Averill speaks about Page Farm and Home Museum on WABI

12 Nov 2015

Halcyon Averill of the Page Farm and Home Museum at the University of Maine was a recent guest on WABI (Channel 5). She spoke about the museum’s role in the Maine Harvest Festival being held Nov. 14–15 at the Cross Insurance Center in Bangor. Averill said the museum focuses on agriculture and domestic life in Maine from 1865 to 1940, and representatives will be at the event both days to offer demonstrations of crafts and recipes from that time period. The museum also was mentioned in a [Bangor Daily News](#) article advancing the festival, which states the museum will offer educational workshops addressing everything from bees, honey making and holiday wreath making, to shearing rabbits and raising backyard chickens.

Essay by Fried cited in New Yorker article on polls, democracy

12 Nov 2015

An essay written by Amy Fried, a political science professor at the University of Maine, was cited in the [New Yorker](#) article, “Politics and the new machine: What the turn from polls to data science means for democracy.” The article mentioned the book “The Pollsters: Public Opinion, Politics, and Democratic Leadership,” which was published in 1949 and written by Lindsay Rogers, a political scientist and the Burgess Professor of Public Law at Columbia. Rogers started out as a journalist and, as a scholar, he was a humanist at a time when most students of government had turned away from the humanities and toward social science, according to the article. In an essay about “what was lost in that abandonment,” Fried called him “the Forgotten Lindsay Rogers,” the article states.

BDN interviews Riordan about performance, discussion on effects of war

12 Nov 2015

The [Bangor Daily News](#) spoke with Liam Riordan, a University of Maine history professor and director of the UMaine Humanities Center, about a Bangor performance and audience discussion on the effects of war. The UMaine Humanities Center and several area sponsors will present “Theater of War” at the Bangor Opera House from 7 to 9 p.m. Nov. 12. “Theater of War” is an innovative public health project performed by social impact company Outside the Wire that presents readings of ancient Greek plays, Sophocles’ “Ajax” and “Philoctetes,” as a catalyst for town hall discussions about the challenges faced by service members, veterans, their families, caregivers and communities. “It’s a way to have a community discussion about a subject that is difficult to talk about,” Riordan said. A free bus will bring UMaine students between Orono and the Bangor Opera House for the performance.

Call for Steve Gould Award nominations

13 Nov 2015

Nominations are currently being accepted for the 2015 Steve Gould Award. The award was created in 1981 by the family and friends of Steve Gould in memory of “a man of honest and passionate concern for others.” The award is given to those who have demonstrated superior qualities of unselfishness and compassion in the course of service to the university and its ideals. Students, staff, faculty members and organizations serving the University of Maine are eligible. Those involved in acts of heroism may also be nominated. The winner(s) will receive campuswide recognition as well

as a monetary prize. Nomination forms are available by contacting Amber Thompson in the President's Office at 207.581.1516; amber.thompson1@maine.edu. The deadline for nominations is 4:30 p.m. Monday, Dec. 7.

Researchers study lobster shell disease to protect Maine's iconic industry

13 Nov 2015

When Samuel Belknap, Ph.D. anthropology and environmental policy student at the University of Maine, heard an increasing number of fishermen express concerns about the spread of a lobster shell disease and its potential impacts on Maine's iconic industry, he was intrigued. "The thread that ran through all of these conversations was the need for more information about the future spread of the disease and what the environmental drivers may be affecting this spread," said Belknap. The lobsters were being affected by epizootic shell disease (ESD), caused by a bacteria that eats away at their outer shells. ESD can cause increased mortality in lobster populations, and decreases in reproductive success and market value. That same year, a warmer than normal winter, referred to by some as the "North Atlantic heat wave," caused a shift in the timing of lobster molting. The shift resulted in an early glut of lobsters on the market, which caused prices to plummet. "I was running my family's dock at the time and had a front-row seat to see fishermen losing money despite catching record numbers of lobsters," said Belknap, who has worked in the industry for nearly 20 years. "I saw that something in the system was broken, and that there had to be a way to help the fishery that I loved be better prepared for these types of climate induced shocks." Belknap's interest in exploring how environmental changes affect human behavior and society led him to UMaine. He is now a graduate student and fellow in the Climate Change Institute's Adaptation to Abrupt Climate Change Integrated Graduate Education and Research Traineeship (IGERT), which provides funding to Ph.D. students for interdisciplinary research projects aimed at improving climate change adaption strategies. The purpose of UMaine's IGERT is to tackle the issue of adaptation to abrupt climate change (A2C2), part of which involves forming teams or subgroups from different disciplines to come up with a collaborative immersion project. Belknap teamed up with Kisei Tanaka and Jared Homola, both IGERT fellows and Ph.D students studying ecology and environmental science at UMaine. The three researchers were interested in exploring fishery-related topics in the northeastern United States. So, naturally, the iconic American lobster swam to the top of their list. Their project aims to identify environmental drivers of ESD and combine that information with climate change projections to identify potential scenarios of future disease expansion in the Gulf of Maine. Other priorities for the project are community outreach initiatives, stakeholder engagement and producing visual materials for non-scientific audiences.



*The American Lobster, *Homarus americanus*, is a bottom-dwelling crustacean widely distributed along the continental shelf of North America. According to Maine's Department of Marine Resources, the lobster industry was valued at nearly \$460 million in 2014.*

“The spread of lobster shell disease was something we could immediately form a climate-change related hypothesis as many scientists and managers have speculated on the link between rising seawater temperatures and increasing lobster disease prevalence in southern New England and the Gulf of Maine,” said Tanaka, who has two master’s degrees — one in environmental policy and another in environmental science. Tanaka has work for marine resource management organizations in the United States, Japan and Jamaica. At UMaine, he specializes in quantitative fisheries research and policy analysis. The disease impacts hard-shell lobsters primarily. Over time, ESD can decrease the ability of females to produce eggs and even kill some individuals that can no longer effectively shed their carapace, says Homola. A more common consequence of the disease is shell degradation, which decreases the economic value of affected lobsters. Climate change has been identified as a factor contributing to infectious disease outbreaks in marine ecosystems. “Since hard-shells are the most sought after by restaurants locally and because hard-shell lobsters can be shipped all over the world, any disease that impacts them will have significant economic impacts for fishermen and the state,” said Belknap. The lobsters found in New England are especially sensitive to temperature changes because they are cold blooded; preferring a thermal range of 12–18 degrees Celsius. Increases in temperature force lobsters to use more energy for respiration, leaving less energy for feeding, growth, immune response, and reproduction. A molecular ecologist by training, Homola is working to identify genes associated with immune response to ESD to quantify the levels of expression and to provide evidence of a correlation between physiological stress and disease presence. “Given the importance of the lobster fishery to Maine’s economy and culture, we found the problem to be very relevant regionally, as well as something we thought our combined expertise could inform,” said Homola. “I am particularly passionate about conducting research that can be readily applied to solve an existing problem,” said Homola, who plans to remain active in research once he graduates from UMaine, ideally teaching and mentoring students. By identifying the factors involved in ESD outbreaks in the Gulf of Maine, the researchers hope to better forecast the spread of the disease to allow resource managers and stakeholders the opportunity to adapt to the ecological and economic costs associated with

an ESD-infected fishery. “Decline in the stability of marine ecosystems as a whole would have serious negative consequences,” said Tanaka, who hopes to continue working in the assessment of benthic fisheries resources after he graduates from UMaine. Marine ecosystems provide many important functions critical to primary production, trophic dynamics, food-webs and the economy. “Fisheries are a complex human-nature system, and I knew that the IGERT program would be the best choice for me to obtain training beyond conventional natural and social science disciplinary boundaries,” said Tanaka. “It’s been a very challenging, but rewarding experience.” The researchers work collaboratively with scientists and resource managers at Maine’s Department of Marine Resources, who help disseminate information to stakeholders and fishermen, as well as providing resources and guidance. According to the National Oceanic and Atmospheric Administration (NOAA), 39 percent of the U.S population in 2010 lived in counties directly on the shoreline, and that this number is expected to increase by 8 percent by 2020. “As human-caused pressures, coupled with climate and environmental changes, impact the marine world it is imperative that we understand what these changes will be and what they will mean for those who depend on the ocean to make a living,” said Belknap. “Since seafood provides the world’s largest supply of protein, what happens to the marine environment, and it’s inhabitants, impacts everyone.” The researchers hope that their project’s outcomes will contribute to the ongoing effort to provide evidence-based solutions for managing U.S. lobster fisheries under the uncertainty of a changing climate. “Maine’s lobster industry has always had a reputation for successful grass-roots management practices but its acceptance of the threat posed by climate change has been remarkable,” said Belknap. “The fishermen that recognize this threat are intimately engaged with scientists and policy makers to help ensure the future of their industry.” “Maine and its surrounding region rely on the marine ecosystem, particularly the lobster fishery, for economic and cultural reasons,” said Homola. “The loss of the lobster industry would undermine both the coastal economy and sense of cultural identity.” Contact: Amanda Clark, 207.581.2731

Maine Parent Guide to Autism Spectrum Disorders available now

13 Nov 2015

Maine families have a new tool to help them learn more about Autism Spectrum Disorders and how to access educational and social services to support their child. The *Maine Parent Guide to Autism Spectrum Disorders* is available now as a download or in print. The three-volume set is the result of a yearlong collaboration between a group of Maine parents and the Maine Autism Institute for Education and Research at the University of Maine. “Our goal was to develop a parent-friendly guide, a ‘roadmap’ of sorts, to assist families as they navigate the autism journey,” said Deborah Rooks-Ellis, director of the Maine Autism Institute and an assistant professor of special education at UMaine. The first of the guide’s three booklets, “What to do when you suspect an Autism Spectrum Disorder,” leads families through the steps needed to obtain assessments and a diagnosis. The second booklet, “Accessing educational services, social services and interventions,” provides parents with an in-depth description of early intervention and special education services in the state, as well as a guide for transitioning from high school to adult services. Finally, the “Resource Guide for Maine Families” includes contact information for many services and supports across the state. Throughout, the guide is enriched with personal stories, reflections and suggestions from Maine parents, lending a personal touch that reflects their experiences and first-hand knowledge. Family photos capture the joys and challenges of raising a child with autism. “We are indebted to these dedicated leaders of our Maine Family Partnership for the time, effort, patience and perseverance that made this project a success,” said Rooks-Ellis. The *Maine Parent Guide to Autism Spectrum Disorders* can be downloaded from the [Maine Autism Institute website](http://maineautisminstitute.org). For print copies, email maineautisminstitute@maine.edu or call 207.581.2352.

Durham Region Daily notes Palmer’s Defender of the Year award

13 Nov 2015

[Durham Region Daily](http://durhamregiondaily.com) reported that University of Maine soccer captain Noelle Leon Palmer became the third student-athlete in America East history to be named Defender of the Year in back-to-back seasons. The senior biology major helped the Black Bears record three shutouts during conference play.

New York Times covers Rudd’s unconventional career

13 Nov 2015

Jazz trombonist Roswell Rudd, who taught music at the University of Maine in the late 1970s, talks about his career in the [New York Times](#) article “Roswell Rudd, in a Celebratory Mood, Reflects on His Winding Path.” Rudd is marking his 80th birthday with a concert titled “The Wizard of Roz” at Le Poisson Rouge in New York City. He has an album due out in February.

UMaine mentioned in Biddeford-Saco-OOB Courier article about Marvel!

13 Nov 2015

The University of Maine was included in a [Biddeford-Saco-OOB Courier](#) article about Marvel!, Maine’s virtual library, which provides Maine residents access to abstract articles magazines, newspapers, journals and reference books. The Maine State Legislature, the University of Maine, Colby, Bates, Bowdoin colleges, the Public Utilities Commission and Maine Telecommunications Educational Access Fund provide funding for the virtual library.

Bates includes Barkan in ‘Marriage, the ultimate crime fighter?’ article

13 Nov 2015

University of Maine sociologist Steven Barkan was included in a [Bates College](#) article about research that found a positive correlation between lower community crime rates and household marriage. Michael Rocque, Bates College assistant professor of sociology, led the project. The research, published in the Journal of Research and Crime and Delinquency, also found counties with high marriage rates had significantly lower levels of juvenile crime.

MaineToday Media reports on Mitchell’s Wabanaki presentation

13 Nov 2015

The [Morning Sentinel and Kennebec Journal](#) reported on John Bear Mitchell’s presentation about Wabanaki culture to high school students at the Margaret Chase Smith Library in Skowhegan. Mitchell, a Penobscot, is associate director of the Wabanaki Center at the University of Maine.

Nature cites grad student’s mass extinction research

13 Nov 2015

University of Maine graduate student Andrew Galimberti is mentioned in several publications regarding his research on a mass extinction 359 million years ago. Prior to the extinction, the sea was filled with “creatures the size of school buses,” but for at least 40 million years after the massive die-off, the marine world was dominated by tiny fish. [Science](#), [Nature World Report](#), [Tech Times](#) and [The Washington Post](#) have reported on the findings.

Rice a source for WCSH6 paper industry piece

13 Nov 2015

[WCSH6](#) cited Robert Rice, a University of Maine professor of wood science, in a piece about Maine's paper industry. Rice said some of Maine’s mills make specialty papers for magazines and books but that many people read on computers, smartphones and tablets. He also said international competition, high energy costs and high fiber prices are hurting the industry.

AP quotes Wells about toxin threatening crab industry

13 Nov 2015

Mark Wells, an oceanography professor in the School of Marine Sciences at the University of Maine, was quoted in the Associated Press piece “Boats Sit Idle as Algae Threatens Dungeness Crab Season” about a massive bloom of microscopic algae in the Pacific Ocean. The bloom has produced a toxin — domoic acid — that’s harmful to wildlife and fish and is threatening the crab industry. “Whether this warming itself is a direct function of climate change or not, we can’t say,” said Wells, who added climate change models project warming along the coastlines over the next several decades, so “this type of event probably is going to become much more frequent in the future.” [ABC Fox Montana](#), [Portland Press Herald](#) and [The Seattle Times](#) published the AP report.

Northeast Sea Grant Consortium recognizes Redmond, Stancioff for outreach achievement

13 Nov 2015

Two University of Maine employees recently received awards for outstanding outreach achievement from the Northeast Sea Grant Consortium. Sarah Redmond, recipient of the individual award, is an extension associate with a focus on wild and cultured sea vegetables. A co-investigator on multiple research grants, including a NOAA Sea Grant research project with Susan Brawley, a professor of plant biology at UMaine, Redmond is working to develop new nursery cultivation techniques for five native macroalgae species. She transfers research results, provides technical support, answers questions and shares information about research gaps and production bottlenecks to, from and among industry, researchers and resource management professionals through personal engagement and leadership roles in networks such as the Maine Seaweed Council. Redmond has created, and manages, a native sea vegetable research and development nursery at UMaine’s Center for Cooperative Aquaculture Research. She also has partnered with a traditional wild harvest sea vegetable company on an open ocean sea farm to cultivate the first crops of a new industry for Maine and the U.S. The reviewers noted Redmond’s connections to research, as well as her broad scope of engagement including work with industry, state and federal agencies, schools and chefs. Esperanza Stancioff, climate change educator with Cooperative Extension and Maine Sea Grant, accepted the award for a group project on behalf of the steering committee and others involved in the Northeast Coastal Ocean Acidification Network (NECAN). Since it launched in 2013, NECAN has become the Northeast’s leading organization for the synthesis and dissemination of regional ocean acidification data and information. A partnership among government agencies, industry and the scientific community, NECAN serves as a conduit to provide guidance for regional research and monitoring. The group has engaged thousands of stakeholders across the region through webinars, reports, scientific papers and workshops. Also present to accept the award were Julie Simpson and Judith Pederson of MIT Sea Grant, and Juliana Barrett and Tessa Getchis of Connecticut Sea Grant. Not present were Ru Morrison and Cassie Stymiest of the Northeastern Regional Association of Coastal Ocean Observing Systems, and additional members of the NECAN steering committee. Stancioff and Redmond both are members of Maine’s Marine Extension Team, a partnership of Maine Sea Grant and UMaine Extension. The reviewers considered the efforts by Stancioff and Redmond to be excellent applications of Sea Grant principles. “Esperanza and Sarah are dedicated to their work on behalf of Maine’s coastal communities, which they conduct in the true spirit of collaboration,” said Beth Bisson, Marine Extension Program leader and assistant director for Maine Sea Grant. “It is an honor to have their work recognized by the Northeast Sea Grant Consortium.” Jonathan Pennock, director of the New Hampshire Sea Grant College Program and chair of the Northeast Sea Grant Consortium, presented the awards during the biennial meeting of NOAA Sea Grant programs from New York and New England.

Waller's lobster photo a finalist in Vizzies

16 Nov 2015

University of Maine graduate student Jesica Waller's photograph of a 3-week-old American lobster is a finalist in the National Science Foundation's Visualization Challenge, or Vizzies. The contest recognizes the most beautiful visualizations from the worlds of science and engineering. The People's Choice winner is determined by public vote. Voting ends Tuesday evening and the winner will receive \$500. Waller took the image with a camera mounted on a dissecting microscope. “Every day I randomly select larvae from my experiment to photograph,” says Waller, who is earning her master’s degree in marine biology at the Darling Marine Center. “This picture shows the complexity of the larval body plan and highlights some of their distinct features, like their feathery tail and sensitive hairs on their legs.” Waller earned the 2015–2016 Canadian-American Center Fellowship from the UMaine Canadian-American Center for her research on how lobster larvae will respond to climate change and ocean acidification on the developmental and

genetic levels. She was recently interviewed for an Al Jazeera English television piece about ocean acidification and lobsters. “Some of science’s most powerful statements are not made in words. From DaVinci’s Vitruvian Man to Rosalind Franklin’s X-rays, science visualization has a long and literally illustrious history. To illustrate is to enlighten,” reads the description of the challenge on the NSF website. Contact: Beth Staples, 207.581.3777

Enhancing dialogue between wild blueberry growers and researchers

16 Nov 2015

Wild blueberry production is very important to Maine’s natural resource economy. Management of a natural resource always affects the environment and so it should be a high priority that management of this wild crop is performed sustainably, both ecologically and economically. Using seed funding provided by the Mitchell Center, researchers are taking a new approach. The research team is developing a wild blueberry modular-hierarchical simulation model that can be used by both agricultural researchers and stakeholders. Read more [online](#).

Online storytelling site goes live

16 Nov 2015

Safe Beaches, Shellfish, and You is an online storytelling site that focuses on the work of the [New England Sustainability Consortium \(NEST\)](#). The NEST team is a group of researchers from colleges and universities across Maine, New Hampshire and Rhode Island seeking to contribute to the sustainability of the region. The goal of their first project, Safe Beaches and Shellfish, is to enhance the use of science in decision-making in the beach and shellfish industries in the region. This website explores the work of NEST and their work in the context of sustainability. It uses written reporting, photos, videos, audio and interactive visuals

Writers encouraged to submit work to marine-themed journal

16 Nov 2015

Writers inspired by the nature, fisheries and coastal heritage of Maine and beyond are encouraged to submit their work to “The Catch: Writings from Downeast Maine.” Submissions of poetry, fiction, essay and other prose will be accepted through December for publication in late spring 2016. The journal is entering its fourth year of publication. Created in 2013, “The Catch” is related to the [Downeast Fisheries Trail](#), a maritime heritage education effort that highlights sites of current and historic fishing interest in Maine’s Hancock and Washington counties and southwest New Brunswick, Canada. “The Catch” considers the region broadly, including all parts of the Maine and Maritime coasts. New for 2016 is an Emerging Writer category for writers who have not yet been published. Writers whose work has been published in previous volumes include Ray Beal, Chris Crittenden, Robert Froese, Elizabeth Garber, Valerie Lawson, Carl Little, Carolyn Locke, Paul Molyneaux and Patricia Ranzoni. “The Catch” is supported by the Maine Sea Grant College Program, as well as the University of Maine’s Raymond H. Fogler Library and DigitalCommons. To submit work or for more information, visit the journal’s [website](#).

UMaine cited in BDN article on ill eagle found in Bangor

16 Nov 2015

The University of Maine was mentioned in a [Bangor Daily News](#) follow-up article on an adult female bald eagle that fell ill in downtown Bangor more than a year ago. The eagle some call “Bangor Mom” has had a productive year since her rehabilitation and release into the wild, finding a new mate and raising a pair of eaglets, according to the article. The female eagle, which had ingested a toxin in May 2014, became ill and was taken to Avian Haven in Freedom. The same day its mate, also ill, flew into a power line and was electrocuted, the article states. After working with scientists at UMaine, the Maine Department of Inland Fisheries and Wildlife solved the mystery surrounding the illness of Bangor Mom and her previous mate. “We found that [the male had ingested] pentobarbital,” said Erynn Call, a wildlife biologist with DIF&W. “That’s the chemical that’s used to euthanize animals.”

WMTW interviews Witt about raking versus keeping leaves on ground

16 Nov 2015

[WMTW](#) (Channel 8 in Portland) spoke with Amy Witt, a horticulture professional with the University of Maine Cooperative Extension, for a report on whether raking leaves is necessary. The National Wildlife Federation says leaves provide a natural habitat for some wildlife, according to the report. “Leaving the leaves on the ground does help put some nutrients back into the ground,” Witt said. “It does provide organic matter.” She added that whole leaves could cause some extra yard work. “(If) they build up to a quarter to half an inch, then that’s going to cause the grass to maybe die, and also maybe cause some diseases,” she said.

Brewer quoted in BDN report on Lewiston’s mayoral race, Maine People’s Alliance

16 Nov 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Bangor Daily News](#) article, “Why Lewiston is an important test for the Maine People’s Alliance.” The progressive group is on the ground in Lewiston trying to replace mayor Robert Macdonald with one of its employees, Ben Chin, according to the article. The race will be decided in a Dec. 8 runoff election after Chin outpolled the conservative mayor on Election Day but without reaching the 50 percent threshold needed to win the office outright, the article states. Despite big money on Chin’s side, beating the two-term mayor would be “a massive upset,” Brewer said, but the race already has “shown the Democrats some positives” — including a high-energy campaign and a clear slate of progressive policies — that they could emulate to gain ground in areas where they have fallen behind in recent years. “There’s nothing that generates enthusiasm within a party like coming to believe that you have a shot at winning a race that initially you thought was, if not unwinnable, just very difficult to do,” he said.

Hunter cited in Press Herald article on forest-raised pigs

16 Nov 2015

Malcolm Hunter, a professor of wildlife ecology at the University of Maine, was quoted in the [Portland Press Herald](#) article, “Trips to the woodlot can improve pork’s disposition.” Letting heritage breed pigs out of their pens, where they do not thrive, to roam in rotating fenced-in areas of forest gives them the opportunity to feast on nuts and berries, uproot invasive plants, devour rotting tree stumps and rejuvenate the woodlot ecosystem, according to the article. Wildlife specialists in Maine, however, are worried if forest-raised pigs escape, they could form a feral population, as has happened elsewhere in the United States, the article states. In Georgia, extensive areas of the forest floor look like they have been plowed due to the pigs’ rooting behavior, Hunter said. “If that happens in a couple woodlots, it is one thing; if it spreads across the landscape, that is another,” he said.

UMaine, French community members speak with WABI about Paris attacks

16 Nov 2015

Members of the University of Maine’s French community spoke with WABI (Channel 5) about the terror attacks in Paris. Mitchel Roberge, president of the UMaine French Club and Franco-American Resources and Operations Group, said the show of support from Americans since the attacks has been moving. Jane Smith, a UMaine French professor and chair of UMaine’s Department of Modern Languages who has lived in Paris, told WABI she hopes the attacks won’t deter students from studying in France. A candlelight vigil will be held for those affected by the Paris terrorist attack and terrorism worldwide at 4 p.m. Tuesday, Nov. 17 on the steps of Fogler Library.

MPBN interviews Armstrong about Maine cranberry harvest

16 Nov 2015

The [Maine Public Broadcasting Network](#) spoke with Charles Armstrong, a cranberry specialist with the University of

Maine Cooperative Extension, for the report, “Good weather boosts Maine’s cranberry harvest.” Armstrong said last summer’s wet July interfered with pollination, but conditions this year were more ideal, and have resulted in high-quality fruit, according to the report. “Growers are saying that it had 1 percent or less fruit rot,” he said. Armstrong said he expects the total crop to be about 1.5 million pounds, or 15,000 barrels, which is an average or slightly above average harvest, the report states.

Press Herald reports on UMaine Extension’s popular how-to videos

16 Nov 2015

The [Portland Press Herald](#) published a feature article on the popular how-to videos created by University of Maine Cooperative Extension and shared on YouTube. The goal of Cooperative Extension has always been to provide a teaching environment for vocational sciences such as engineering and agriculture, according to the article. UMaine Extension was an early adapter of the trend of making DIY videos, the article states. The top 10 most-viewed videos, from “How to Freeze Tomatoes” to how to grow and prune berries, have been viewed over a million times around the world. “We’re really thinking about it from the eye of the consumer,” said John Rebar, executive director of UMaine Extension. Consumers want tips and techniques about sustainable living, but they want them fast, “without sitting down for a two-hour movie or going to a lecture,” he said. “So we need to be concise and focused.” About half the viewers of the video channel on YouTube are Maine residents, he said.

Offshore wind project receives \$3.7M award, media report

16 Nov 2015

The [Portland Press Herald](#), [Bangor Daily News](#), Maine Public Broadcasting Network, [Mainebiz](#) and Associated Press reported an experimental offshore wind turbine being developed by a University of Maine-led consortium has won a \$3.7 million federal award. Sens. Susan Collins and Angus King learned last week that the Department of Energy is committing the additional money to the Maine Aqua Ventus project to help overcome remaining barriers to successful development of a pilot wind farm off Monhegan, according to the Press Herald article. “This extraordinary investment is proof that the DOE recognizes what we have long known: That the Gulf of Maine is a tremendous resource for wind energy that could provide an affordable source of renewable energy directly to the country’s population centers on the East Coast, while creating thousands of new jobs in Maine and diversifying the state’s electricity supply,” Collins and King said in a written statement. [The Washington Times](#), San Francisco Chronicle and Yahoo Finance carried the AP report.

UMaine-led offshore wind project receives additional \$3.7 million from DOE

16 Nov 2015

The University of Maine-led New England Aqua Ventus I offshore wind project will be awarded an additional \$3.7 million from the U.S. Department of Energy (DOE), subject to appropriations, to complete engineering and planning work, and approach financial close. The funding, announced by Sens. Susan Collins and Angus King in a joint statement Nov. 16, is in addition to \$3 million awarded by DOE in September 2014 to advance the design to deployment readiness. “The continued confidence of the Department of Energy in the University of Maine’s Offshore Wind Demonstration Project speaks to the value of our research and development efforts — and the great potential to make a difference in this state and beyond,” said UMaine President Susan J. Hunter. “This additional funding recognizes the significant technology advancements UMaine and its partners have made on this project in the past year, and it makes possible even greater progress. We appreciate the leadership and vision of Maine’s Congressional Delegation that have helped make this, and other federal funding, a reality for Maine.” In May 2014, New England/Maine Aqua Ventus I was selected as an alternate by the DOE for the next phase of its Advanced Technology Demonstration Program, which started out with nearly 70 projects. At that time, DOE provided UMaine with \$3 million and noted that Maine’s VoltturnUS technology, which was successfully demonstrated on a pilot scale near Castine, Maine, was highly favorable and innovative, and “with additional engineering and design, will further enhance the properties of American offshore wind technology options.” Since then, the data collected from the single VoltturnUS 1:8

scale turbine demonstrated the viability of the floating concrete and composites hull. VoltornUS 1:8, the first grid-connected offshore wind turbine deployed off the coast of North America, was launched in Brewer May 31, 2013 by the University of Maine's Advanced Structures and Composites Center and its partners. The prototype — the first concrete-composite floating platform wind turbine deployed in the world — remained off the coast of Castine, Maine for 1.5 years. Over 50 onboard sensors measured waves, wind, current, motions and stresses on the floating platform. Relative to its 1:8 scale, the Castine unit saw 37 storms with return periods from 50 to 500 years, including relative wave heights equivalent to 70 feet. The data collected was used to further optimize the full-scale 6 MW concrete hull design. Over the past year, cost studies were conducted with contractors from Maine and across the U.S. and the world to demonstrate the cost-reduction advantages of the VoltornUS floating concrete hull technology. In their joint announcement, Sens. Collins and King stated: "This extraordinary investment is proof that the DOE recognizes what we have long known: that the Gulf of Maine is a tremendous resource for wind energy that could provide an affordable source of renewable energy directly to the country's population centers on the East Coast, while creating thousands of new jobs in Maine and diversifying the state's electricity supply. We will continue to support the University of Maine as it participates in this demonstration program and to help ensure that Maine remains at the forefront of deepwater, offshore wind power development and innovation." "We are pleased that the Department of Energy decided to award the University of Maine an additional \$3.7 million to put the New England Aqua Ventus I Demonstration Project on financial par with the other DOE-funded offshore wind demonstration projects," said Professor Habib Dagher, executive director of UMaine's Advanced Structures and Composites Center and principal investigator of the DeepCwind Consortium. "We continue to make significant progress by demonstrating the technical advantages and cost reductions of the VoltornUS floating concrete offshore wind technology," Dagher said. "Our team is busy putting the final touches on the design of the 6MW hulls for the two-turbine, 12MW demonstration project. The additional funding will help us complete all aspects of the project planning, negotiate supply contracts with industrial partners and approach financial close for the project. The UMaine VoltornUS technology has important national impact as it allows us to more cost effectively access over 50 percent of the U.S. offshore wind resource in deep waters within 50 miles of the coast, and creates local and regional jobs as the hulls can be produced near the project site." New England/Maine Aqua Ventus is considered part of the DOE's offshore wind portfolio under the Offshore Wind Advanced Technology Demonstration Projects, along with projects in Virginia, New Jersey, Oregon and Ohio. Decisions on which of the five projects advance and receive an additional \$40 million will be made by DOE by May 31, 2016, according to DOE. Contact: Jennifer O'Leary, 207.515.3341

UMaine graduate student finds after last mass extinction, tiny fish ruled the sea

16 Nov 2015

Andrew Galimberti, an entomology graduate student at the University of Maine, was part of a research team that discovered that bigger isn't necessarily better for a fish during an extinction event. Researchers from the University of Pennsylvania and UMaine found that for at least 40 million years following the last massive extinction, small, fast-reproducing fish may have dominated the planet's oceans. Approximately 359 million years ago, a bio-event referred to as Hangenberg, triggered a drastic and lasting transformation of Earth's vertebrate community. The event occurred during the late Devonian period — 416 million to 358 million years ago — and was characterized by high fish diversity, including some massive fish reaching 8 meters in length. During this period, major climatic and ecological changes occurred, such as glacial events, sea level decreases and ecological invasions, which ultimately resulted in a major extinction event. Recent evidence has shown that the Hangenberg event profoundly altered the course of vertebrate evolution, wiping out taxa that were dominant in the Devonian era. These findings, published in [Science](#), could have implications for trends we see in modern species today. "Some large species hung on, but most eventually died out," says Lauren Sallan, UPenn assistant professor of Earth and environmental science and lead author on the study. Sallan and Galimberti were interested in the trends which characterized body size evolution in the Devonian, and how the Hangenberg event changed these trends. "So the end result is an ocean in which most sharks are less than a meter and most fishes and tetrapods are less than 10 centimeters, which is extremely tiny. Yet these are the ancestors of everything that dominates from then on, including humans." "We were wondering if it also had a dramatic impact on body sizes of the post-extinction fish community," said Galimberti, who was a student at Kalamazoo College at the time. One hypothesis the researchers explored for post-extinction size change is the "Lilliput effect" — the tendency for sizes to briefly decrease following an extinction event, then recover to normal. However, Galimberti noted, evidence for the Lilliput effect is limited, especially for vertebrates. For the project, Galimberti and Sallan assembled a dataset of body

sizes for 1,120 species of fish fossils spanning the period from 419 to 323 million years ago. The researchers gathered the body-size information from published papers, museum specimens, photographs and from incomplete fossils for which they could extrapolate a full size. They performed a series of analyses to determine how body sizes changed throughout the Devonian and how the end-Devonian mass extinction affected these patterns. The researchers found that after a period of steadily increasing body sizes throughout the Devonian, small fish, as the Lilliput effect suggests, dominated the early Mississippian, says Galimberti. However, recovery of large sizes did not occur in the Mississippian — sizes remained small or, in some cases, decreased throughout for at least 40 million years. By the end of the Devonian, some fish were as large as school buses, says Sallan. “You had some vertebrates that are small, but the majority of residents in ecosystems, from bottom dweller to apex predator, were a meter or more long.” “These large fish, though, were “dead clades walking” — clades that would fail to diversify and eventually become extinct, in contrast to the smaller survivors which continued to diversify throughout the Mississippian and beyond,” said Galimberti. This suggests that, even if a large organism is able to survive an extinction event, it may remain vulnerable to extinction, he says. Generally, larger organisms tend to be more prone to extinction due to greater energy requirements, and production of fewer offspring which results in smaller population sizes. These factors make large organisms less likely to adapt to drastic changes in the environment. “Conversely, small organisms have large populations and high reproductive ability, increasing their chance at survival and their ability to adapt,” said Galimberti. “As extinctions continue, we may see similar patterns to those after the Hangenberg — more small species, drastic diversity changes, and a long period of time before ecosystems stabilize and recover,” says Galimberti. Post-extinction body size changes may follow a predictable pattern, leading to greater survival of smaller organisms. “Future research should determine how widespread these patterns are, both in the fossil record and today,” says Galimberti. Today, human-driven environmental changes have led to great losses in many fish and other animals, especially large ones. With many global fish populations in danger and with some ecologists concerned the planet is on the brink of a sixth major extinction event, this time caused by humans, Sallan warns that these results should raise a red flag about how long large species might take to recover. “It doesn’t matter what is eliminating the large fish or what is making ecosystems unstable,” says Sallan. “These disturbances are shifting natural selection so that smaller, faster-reproducing fish are more likely to keep going, and it could take a really long time to get those bigger fish back in any sizable way.” The University of Pennsylvania, Kalamazoo College, the University of Michigan and the Michigan Society of Fellows supported the study. University of Pennsylvania’s full press release is available [online](#). Contact: Amanda Clark, 207.581.3721; Katherine Unger Baillie, 215.898.9194

After more than a century, endangered shortnose sturgeon find historic habitat post dam removal

16 Nov 2015

Endangered shortnose sturgeon have rediscovered habitat in the Penobscot River that had been inaccessible to the species for more than 100 years prior to the removal of the Veazie Dam in 2013. University of Maine researchers confirmed evidence that three female shortnose sturgeon were in the area between Veazie and Orono in mid-October. Researchers had previously implanted the sturgeon with small sound-emitting devices known as acoustic tags to see if they would use the newly accessible parts of the river. Among the most primitive fish to inhabit the Penobscot, sturgeon are often called “living fossils” because they remain similar to their earliest fossil forms. Their long lives — more than 50 years — and bony-plated bodies also make them unique. Historically, shortnose sturgeon and Atlantic sturgeon, a related species also present in the watershed, had spawning populations in the Penobscot River as far upstream as the site of the current Milford dam, and provided an important food and trade source to native peoples and early European settlers. Overharvest and loss of suitable habitat due to dams and pollution led to declines in shortnose sturgeon populations and a listing as endangered under the U.S. Endangered Species Act (ESA) in 1967. In 2012, Gulf of Maine populations of Atlantic sturgeon were listed as threatened under the ESA. Today, a network of sound receivers, which sit on the river bottom along the lower river from Penobscot Bay up to the Milford Dam, detect movement and location of tagged fish. According to Gayle Zydlewski, an associate professor at UMaine’s School of Marine Sciences, the three individual fish observed were females. The fish have since been tracked joining other individuals in an area identified as wintering habitat near Brewer. Wintering habitat in other rivers is known to be staging habitat for spawning the following spring. “We know that shortnose sturgeon use the Penobscot River throughout the year, and habitat models indicate suitable habitat for spawning in the area of recent detection upriver of Veazie, although actual spawning has not yet been observed,” Zydlewski says. Since 2006, Zydlewski has been working with Michael Kinnison, a professor in UMaine’s School of Biology and Ecology; and multiple graduate students, including Catherine Johnston, to better

understand the sturgeon populations of the Penobscot River and Gulf of Maine. Johnston, who has been tagging and tracking sturgeon in the Penobscot for two years to study the implications of newly available habitat to shortnose sturgeon, discovered the detections of sturgeon upstream of the Veazie dam remnants. Each new bit of information adds to the current understanding of behavior and habitat preferences of the fish. “We’re very excited to see sturgeon moving upstream of where the Veazie Dam once stood, and into their former habitats,” says Kim Damon-Randall, assistant regional administrator of the National Oceanic and Atmospheric Administration (NOAA) Fisheries’ Protected Resources Division. “We need to do more research to see how they’re using it, but it’s a tremendous step in the right direction.” Habitat access is essential for the recovery of these species. The removal of the Veazie Dam is only a portion of the Penobscot River Restoration Project, which, when combined with the removal of Great Works Dam in 2012, restores 100 percent of historic sturgeon habitat in the Penobscot. In addition to dam removals, construction of a nature-like fish bypass at the Howland Dam in 2015 significantly improves habitat access for the remaining nine species of sea-run fish native to the Penobscot, including Atlantic salmon and river herring. “Scientific research and monitoring of this monumental restoration effort has been ongoing for the past decade,” says Molly Payne Wynne, monitoring coordinator for the Penobscot River Restoration Trust. “The collaborative body of research on this project is among the most comprehensive when compared to other river restoration projects across the country.” NOAA Fisheries is an active partner and provides funding for this long-term monitoring collaboration that includes the Penobscot River Restoration Trust, The Nature Conservancy and others. These efforts are beginning to shed light on the response of the river to the restoration project. Restoration of the full assemblage of sea-run fish to the Penobscot River will revive not only native fisheries but social, cultural and economic traditions of Maine’s largest river. Contacts: Molly Payne Wynne, Penobscot River Restoration Trust, 207.430.0175; Elyse Kahl, UMaine, 207.581.3747; Jennifer Goebel, NOAA Fisheries, 978.281.9175

Brzozowski represents Maine AgrAbility in roundtable with Sen. King

16 Nov 2015

Richard Brzozowski, project director of Maine AgrAbility, took part in a roundtable discussion with U.S. Sen. Angus King on how to help Mainers with disabilities enter the workforce. During the event held Nov. 13 with other business leaders and disability advocates, King announced five new proposals to improve federal policy and increase employment opportunities for Mainers with disabilities. “I appreciate the leadership role Sen. King and his staff are initiating to better understand the challenges for Mainers living with a disability,” Brzozowski said in a written [statement](#). “Maine AgrAbility, a statewide outreach of University of Maine Cooperative Extension, provides resources to assist agricultural workers, farmers, fishermen and loggers living and working with a disability or chronic illness. “With increased awareness and development of funding streams and partnership opportunities, Maine AgrAbility, along with other state agencies, can make a difference for people with disabilities, providing a better chance to live independently with enhanced quality of life and improved financial sustainability.” AgrAbility is a nationwide U.S. Department of Agriculture-funded program established to assist farmers, ranchers and other agricultural workers and farm family members affected by a limiting health condition. In Maine, the program is a nonprofit partnership between the University of Maine Cooperative Extension, Goodwill Industries of Northern New England and Alpha One. A full news release is on King’s [website](#).

Vigil to be held Nov. 17 for those affected by Paris attack

17 Nov 2015

A candlelight vigil will be held for those affected by the Paris terrorist attack at 4 p.m. Tuesday, Nov. 17 on the steps of Fogler Library. The event, which is being organized by the University of Maine French Club, will include a moment of silence for those lost in the recent attack, as well as similar acts of terrorism that have occurred around the globe.

Maine Edge advances 4-H Science Saturday on chemistry of color

17 Nov 2015

[The Maine Edge](#) published a University of Maine news release about the University of Maine Cooperative Extension 4-

H Science Saturday from 10 a.m. to 2:30 p.m. Nov. 21 that will explore the chemistry of color. In the extended session, middle and high school students will synthesize pigments and use them in chemistry and art experiments. Participants will utilize techniques and instruments used by chemists.

UMaine waste study cited in BDN report on York's plastic bag ban

17 Nov 2015

A 2011 waste characterization study by the University of Maine School of Economics was cited in the [Bangor Daily News](#) article, "Will York's plastic bag ban actually help the environment?" The study found that plastic bags were the sixth most common plastic thrown away in Maine, accounting for about 0.82 percent of landfill waste by weight, according to the article. "Plastic bags aren't going anywhere. If you dig up a landfill hundreds of years from now, they'll still be there," said Travis Blackmer, a research associate at UMaine's Senator George J. Mitchell Center for Sustainability Solutions and one of the authors of the study.

MPBN speaks with Rice about Sappi, keeping Maine mills afloat

17 Nov 2015

The [Maine Public Broadcasting Network](#) interviewed Robert Rice, a wood science professor at the University of Maine, for the report, "Sappi's reinvestment helps keep mills afloat despite falling demand for paper." Struggling mills in Maine have had to declare bankruptcy, cut jobs or close. Sappi Paper, which operates mills in Westbrook and Somerset, has been able to avoid the large setbacks that have hit others in the industry, according to the report. "In times when business is bad, they take the time to modernize and reinvest where they can," Rice said of Sappi. Through research and development, the company has created a more diverse product line that includes specialty papers such as grease-resistant sheets, used in pet food bags and labels for canned soup and other food products, the report states. "They know how to run the business and they have pretty solid management at all of their mills," Rice said, adding Sappi's size is another big advantage, allowing the company to export from the U.S. to Europe or from Europe to the U.S., depending on market conditions.

UMaine Extension's Gleaning Initiative cited in Down East magazine article

17 Nov 2015

The Gleaning Initiative, a partnership between Healthy Acadia and the University of Maine Cooperative Extension, was mentioned in a [Down East](#) magazine article on Hannah Semler, a Hancock County farmer who participates in the program. Through the initiative, Semler, Maine's only full-time professional gleaning coordinator who works for Healthy Acadia, takes calls from Hancock County farmers who have surplus produce that would otherwise go to waste, according to the article. She brings the excess produce to the county's 12 food pantries and six weekly community meals. UMaine's Master Gardener Volunteers help Semler with harvesting leftover produce from the fields where it's grown, the article states.

WABI interviews researchers about Minecraft, STEM interest study

17 Nov 2015

WABI (Channel 5) spoke with Bruce Segee, the Henry R. and Grace V. Butler Professor of Electrical and Computer Engineering at the University of Maine; Craig Mason, a UMaine professor of education; and Ami Gaspar, an advanced computing outreach specialist with IT, about a three-year, \$2 million research project that will use a popular video game to immerse rural Maine students in computer science and math concepts. The National Science Foundation project aims to better understand and promote practices to increase the likelihood that students will gain important skills and ultimately pursue careers in science, technology, engineering or mathematics (STEM). The researchers plan to develop and utilize an educational curriculum for rural middle school children that would engage them with programming, spatial reasoning and problem-solving skills by using Minecraft. "Minecraft is just an incredibly popular video game with kids," Segee said. "It's a highly creative and very flexible platform that kids are already spending great amounts of

time on, so we might as well harness that energy towards education.” Mason said the project is a great way to introduce more fundamental learning skills. “I think that’s part of the hook with this idea,” he said. “That children will start learning to program and they won’t even realize that is what they’re doing.”

Zydlewski speaks with MPBN, AP about endangered shortnose sturgeon research

17 Nov 2015

Gayle Zydlewski, a marine sciences professor at the University of Maine, spoke with the Maine Public Broadcasting Network and Associated Press about research on the endangered shortnose sturgeon. UMaine researchers confirmed that, for the first time in more than a century, shortnose sturgeon have returned to the historic habitat upriver of the Veazie Dam, according to the MPBN report. Before the dam was removed in 2013, the “living fossils” didn’t have access to that part of the Penobscot River, the report states. Zydlewski said shortnose sturgeon are among the most primitive fish to inhabit the Penobscot and remain similar to their earliest fossil forms. For the past 10 years, she said researchers have been putting tags into the fish to monitor their movement. “These tags produce a sound, and we put devices on the bottom of the river that actually record the sounds, and the sound has information about each individual fish that the tag was put into,” she told MPBN. In mid-October three female shortnose sturgeon were found upriver of the Veazie Dam’s remnants. The Republic, [Portland Press Herald](#) and [Eagle-Tribune](#) carried the AP report. [Phys.org](#) and WVII (Channel 7) also reported on the research.

Guitar company collaborates with UMaine to create high-end acoustic instruments

17 Nov 2015

<https://www.youtube.com/watch?v=zGtYw2iifAw&feature=youtu.be> [Transcript](#) When it comes to the art of making acoustic guitars, one might not expect to find a master luthier outside of Nashville, Tennessee. Yet, one of the world’s most knowledgeable guitar makers has been crafting guitars in Maine for nearly forty years. Dana Bourgeois of Bourgeois Guitars in Lewiston is well-known to professionals, selling high-end guitars to rock and bluegrass stars like Ricky Skaggs and Ray LaMontagne. With help from the University of Maine’s wood science department and [innovation engineering program](#), Bourgeois engineered a new technology enabling him to craft guitars with a highly desirable antique sound. In this video, president and CEO John Karp, talks about the company’s collaboration with UMaine and their involvement with the university’s [Innovate for Maine Fellows Program](#). The Innovate for Maine Fellows Program is administered by the University of Maine, and connects college students with Maine companies and business leaders. Internships provide support for students as they gain meaningful hands-on experience working on innovation-based company projects that accelerate growth. The program emphasizes entrepreneurship and innovation in an effort to help grow and create jobs across the state. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** I'm John Karp and I'm the President of Bourgeois Acoustic Guitars. We're based out of Lewiston, Maine and we also have a facility in Brunswick, Maine at TechPlace. We've been in the business about 15 years under the current management structure. Dana Bourgeois has been making guitars for 40 years and our guitars have been played extensively in the bluegrass world by names such as Ricky Skaggs and Doc Watson and many others. Now we're really branching out with a lot of rock acts, and we're basically going worldwide into many different markets. We do use the Maine woods in our guitars, our top, some of them come from the north woods of Maine. I've actually been involved with the University of Maine with Innovation Engineering, and actually a lot of the things we're doing now that are very successful are based on the use of Innovation Engineering. We've developed a torrefied technology for our wood and it ages the wood of our guitars and makes them much more like vintage guitars which is the holy grail of sound in the acoustic guitar world. The wood science department was very instrumental in helping us evaluate torrefied wood for use in guitars, they guided us in the mechanical engineering aspects of doing durability tests, both mechanical and thermal and that kind of guidance was critical. We've had two Innovate for Maine Fellows with us and they've helped us extensively in online research on all sorts of different marketing efforts up to and including a display on an antique Chevy pickup truck that has different types of guitar necks that we make in the back for a show truck. It's fun, yeah. [Back to article](#)

Make harvest pies for Thanksgiving with UMaine Extension

18 Nov 2015

University of Maine Cooperative Extension will offer a workshop on making savory pies from fall and winter harvest vegetables from 10 a.m. to noon Saturday, Nov. 21, at the UMaine Extension Cumberland County office, 75 Clearwater Drive, Falmouth. Extension educator Kathy Savoie will lead the workshop, which is part of the “From Scratch: Your Maine Kitchen” cooking series. Pies will include carrot, mushroom, kale and pesto cheesecake. Cost is \$40. Registration and more information are available online. For more information, or to request a disability accommodation, contact 781.6099, 800.287.1471 (in Maine) or extension.rlreception@maine.edu.

American lobster focus of Wahle’s talk at Maine Maritime Museum

18 Nov 2015

Richard Wahle, research associate professor in the University of Maine School of Marine Sciences, will talk about “Sustainability and the American Lobster” 6:30–8 p.m. Nov. 19 at Maine Maritime Museum in Bath. Wahle is on the front lines of ensuring the future of the lobster fishery, which is essential to the Maine economy, lobstermen and the health of the coastal ecosystem. He will talk about the history of challenges and the current struggle to make the fishery sustainable. Cost is \$5 for members and \$7 for nonmembers. More information including registration is [online](#).

Maine EPSCoR partners with museum for STEM outreach, Maine Edge reports

18 Nov 2015

[The Maine Edge](#) reported Maine EPSCoR at the University of Maine has announced a new collaboration with the Maine Discovery Museum in Bangor. As part of its Sustainable Ecological Aquaculture Network (SEANET) project, a saltwater touch tank was installed at the museum to promote learning in the STEM (science, technology, engineering and mathematics) fields, according to the article. The partnership benefits the community and offers visitors the chance to get up close with a variety of sea creatures, encouraging interactive learning, the article states.

Cohen Lecture featured on MPBN’s ‘Speaking in Maine’

18 Nov 2015

The Maine Public Broadcasting Network aired the 10th Cohen Lecture as part of its “Speaking in Maine” public affairs lecture series. For this year’s talk, former Defense Secretary William Cohen was joined by Gen. Joseph Ralston, former supreme allied commander in Europe, and Ambassador Nicholas Burns, former undersecretary of state for political affairs, for the moderated discussion, “America’s Response to Global Instability.”

WLBZ covers candlelight vigil for those affected by Paris attack

18 Nov 2015

WLBZ (Channel 2) reported on a candlelight vigil that was held at the University of Maine for those affected by the Paris terrorist attack. The event, which was organized by the University of Maine French Club, included a moment of silence for those lost in the recent attack, as well as similar acts of terrorism that have occurred around the globe. “We’re all Paris,” said Mitchel Roberge, president of the UMaine French Club and Franco-American Resources and Operations Group. “You know when one of these events happens somewhere in the world it happens to all of us.” Estella Myers, a UMaine student who took part in the vigil, said positive actions are essential to keeping spirits up in rough times. WVII (Channel 7) also reported on the vigil.

Maine Sea Grant, O’Chang Comics video up for national award, BDN reports

18 Nov 2015

The [Bangor Daily News](#) reported a short video on lobsters and climate change that was created by O’Chang Comics in

partnership with the Maine Sea Grant Program at the University of Maine is up for a national award. The video, which was based on the UMaine report “[Maine’s Climate Future: 2015 Update](#),” explains how rising sea temperatures in southern New England have caused lobster populations in the area to drop. It is nominated as part of the National Science Foundation’s Visualization Challenge — also known as The Vizzies — which seeks to honor illustrations of scientific principles and advancements so as to make them accessible to larger audiences, according to the article. Voting for the People’s Choice Vizzie awards can be done online, and winners in each category will get \$500 and be featured in the March edition of Popular Science magazine, the article states. Contest winners will be announced in February 2016.

2015 UMS Research Reinvestment Fund Seed Grant awardees announced

18 Nov 2015

The Research Reinvestment Fund (RRF) Advisory Board has announced the winners of the 2015 UMS RRF Seed Grant Program. The program aims to provide seed funding for pilot research and development projects that will enable University of Maine System faculty to strengthen research, commercialization and economic development activities that support businesses and industries critical to the state’s economy. A related goal for the seed grant funding is to position research groups to be competitive in obtaining future external funding (e.g. federal, state or commercial). Additionally, the program supports collaborative and interdisciplinary proposals, which include two or more campuses, and/or external partners. The RRF Advisory Board received 48 proposals for the first-round RRF Seed Grant competition. Each UMS campus had representation in at least one grant submission, and more than 30 external businesses and organizations were named as partners in the submitted proposals. Requested grant budgets ranged from \$41,000 to \$100,000 and a total of \$4,201,329 was requested in seed grant funding. Ten multidisciplinary projects have been awarded in the first round of funding, totaling approximately \$850,000. Funded projects will be expected to submit follow-on-funding applications to federal, state or commercial sources by November 2017. A second-round competition of UMS RRF Seed Grant funding is anticipated for spring 2016. More information on the awarded projects is online.

UMaine commits to National Community Solar Partnership

18 Nov 2015

The White House announced the University of Maine has committed to a national effort to increase access to solar energy and decrease energy bill costs. As part of the [National Community Solar Partnership](#), 68 cities, states, businesses and institutions are promoting community solar, with an emphasis on scaling up solar for low- and moderate-income households, according to a White House news release. In July, the Obama Administration launched the effort as a collaboration between the Department of Energy, Department of Housing and Urban Development, Department of Agriculture, Environmental Protection Agency, as well as representatives from solar companies, NGOs, and state and local community leaders. On Nov. 17, the White House announced that since July, more than 40 companies, organizations and universities have joined the effort to increase access to community solar, bringing the number of partners to 68. UMaine is one of three universities to commit to the effort. More information, including a complete list of participants, is on the White House’s [website](#).

Discover winter ecology at 4-H Science Saturday

19 Nov 2015

Explore how Maine’s flora and fauna cope with winter during the University of Maine Cooperative Extension’s 4-H Science Saturday on Dec. 5. From 10 a.m. to 1 p.m. starting at Nutting Hall on campus, participants will explore the ecological side of winter. Students in the UMaine School of Forest Resources will lead hands-on activities at outdoor stations at Braeside, the historic home of Edith Patch, an author and pioneer in entomology. Participants should dress for being outdoors and are encouraged to wear layers and bring a hat, gloves and boots. The event is open to middle and high school students. Parents are welcome to participate. Maximum number of participants is 25; minimum is six. The \$8 fee includes lunch. Register [online](#) by Nov. 30. A snow date is set for Dec. 12. For more information, or to request a disability accommodation, contact Jessica Brainerd at 581.3877 or jessica.brainerd@maine.edu.

Workshop to focus on family farm transfers, Maine Edge reports

19 Nov 2015

[The Maine Edge](#) published a University of Maine news release announcing the University of Maine Cooperative Extension will offer a workshop about transferring family farms and forest product businesses from 9 a.m. to 3:30 p.m. Tuesday, Dec. 8 at Waterville Elks Club. The workshop's focus is to help families minimize risk and make informed decisions about intergenerational business transfers. Topics include determining goals for transition, retirement and estate planning, and protecting and transferring assets.

UMaine mentioned in Global Times article on state delegation's recent China trip

19 Nov 2015

[Global Times](#) of China reported on a recent trade mission to the country that was made by a delegation of representatives from Maine to promote the state's seafood trade as well as other cultural exports such as education, tourism and business investments. Currently there are more than 2,000 Chinese students in Maine. About 110 of the students are studying at the University of Maine, which has a study abroad student-and-teacher exchange agreement with Shanghai Ocean University, according to the article. During the trip, Jeffrey Hecker, UMaine's executive vice president for academic affairs and provost, visited Shanghai Ocean University, which consists of schools including fishery, oceanology, food science, economics and trade, to discuss an expansion of its programs, the article states.

Glamour names social work student 2015 Hometown Hero

19 Nov 2015

Sara Disselkamp, a social work student at the University of Maine, was chosen by [Glamour](#) as Maine's 2015 Hometown Hero. The magazine named one "brave" woman from each state that is making a difference in their community. Disselkamp is the founder of [Something to Snuggle](#), a nonprofit that provides blankets for children in the Maine foster care system. In the last year Disselkamp, an adoptee herself, partnered with Girl Scout troops, college groups, and individuals across the country to help grow the operation; so far it has donated almost 500 blankets, according to the article. "Ever since I was old enough to understand what being adopted meant (and recognize) the unconditional love my adoptive parents have given me, I knew part of my purpose on Earth was to pay that love forward," she said.

President Hunter remembers philanthropist Charles Cawley in BDN article

19 Nov 2015

President Susan J. Hunter was quoted in a [Bangor Daily News](#) article on the passing of former MBNA head and philanthropist Charles Cawley. Cawley's credit card company and his corporate and personal generosity helped transform the state, especially in the midcoast area, where MBNA employed thousands, according to the article. President Hunter said his gifts to the university were tremendous. "Charlie was an amazing, thoughtful leader whose transformational vision for Maine, coupled with his generosity, made possible such valuable regional resources as UMaine's Hutchinson Center in Belfast," she said. "His dedication to Maine also is evident on the state's flagship campus, helping make UMaine arts and other areas even more valuable assets to the state. He was truly an inspiration who has left a legacy in Maine."

Pratt & Whitney gives \$100,000 to College of Engineering

19 Nov 2015

The University of Maine College of Engineering has received a boost to its Mechanical Engineering Technology program with a gift of \$100,000 from Pratt & Whitney's North Berwick facility. The contribution will go to the School of Engineering Technology program with a focus on training the next generation of mechanical engineers in Maine for

careers in the manufacturing industry. “Our partnerships with the colleges and universities in and around the communities in which we operate — including the University of Maine and local community colleges and vocational schools — are a crucial part of our growth strategy,” says Michael Papp, general manager of Pratt & Whitney North Berwick. “This funding will help prepare today’s students to become the next generation of engineers.” “Pratt & Whitney is an outstanding manufacturing leader in the aircraft and aerospace industry,” says Dana Humphrey, dean of the College of Engineering. “I am deeply appreciative of our relationship with Pratt & Whitney and their support of UMaine’s engineering programs.” Karen Horton, professor of mechanical engineering technology, says the Pratt & Whitney gift will have an enormous effect. “It will bolster recruiting efforts for prospective students considering UMaine’s College of Engineering,” she says. Pratt & Whitney is committed to developing the next generation of engineers, scientists and manufacturers by sponsoring K–12 and college-level science, technology, engineering and math (STEM) programs that spark students’ interest and inspire innovation. Contact: Victoria Wingo, 207.581.2204

Students in economics class work with community to keep homes warm

19 Nov 2015

Students in University of Maine economics professor Sharon Klein’s service learning class have spent the semester working with the community to help keep homes warm throughout the winter. The pilot course, “Building Sustainable Energy Communities Through Service Learning,” teaches students about sustainable energy through hands-on community engagement. Throughout the semester, the 10 students in the class recruited customers and volunteers, measured windows in customer homes, and built window inserts, which are pine frames wrapped in two layers of plastic with weatherization stripping around the edges. The students worked with the Unitarian Universalist Society of Bangor (UUSB) and the volunteer-led nonprofit WindowDressers, which specializes in coordinating community-led window insert building events. For two weeks in November, UUSB hosted the build event at the church in Bangor, and WindowDressers supplied the materials. With help from both groups and about 40 volunteers, including several from the Old Town Rotary Club and Brewer High School, the students built more than 350 inserts. About 27 percent of the inserts will be donated to low-income families for a suggested contribution of \$1 per insert. For a final project, students in the course will estimate the energy savings and social benefits associated with the program. “It has been truly inspirational to watch my students’ dedication and excitement for this project build, their skills and knowledge grow, and relationships between community members and students blossom,” Klein says. “I hope to be able to do more projects like this in the future and would certainly love to collaborate with WindowDressers, UUSB and the Old Town Rotary Club again. They are such a hard working, wonderful group of people.” The Senator George J. Mitchell Center for Sustainability Solutions helped fund the course as part of Klein’s larger community energy research efforts.

Scratchpad Accelerator announces Demo Day

19 Nov 2015

The Scratchpad Accelerator, a pilot program of the University of Maine in collaboration with the Maine Technology Institute, has announced it will hold a Demo Day to showcase four of Maine’s prestigious startup companies. The event, the first of its kind north of Boston, will display cutting-edge developments underway at each company from 4–7 p.m. Dec. 11 at Seasons Restaurant in Bangor. The event is open to the public and will include networking, food and a cash bar. Registration is [online](#). The four companies — CourseStorm of Orono; Double Blue Analytics of Orono and Brunswick; Tip Whip of Old Town; and L&K Manufacturing of Bangor — will give investment-style pitches to an audience of supporters, strategic partners, the general public and potential investors. Clayton Kyle from CLYNK, a Maine recycling company with proprietary software and a streamlined process for managing bottle redemption in Maine, will be the event’s featured speaker. Kyle will talk about the evolution of CLYNK since its inception in 2004. He will focus on the major pivots the company has experienced, and the role that outside investment has played in driving the company forward. “This night will be the entrepreneurs’ night to shine. After three months of working intensively on their businesses, this event will give them a chance to present the up and coming developments they are working on as they scale their businesses and pursue follow-on funding,” says Jason Harkins, Scratchpad’s managing director and UMaine associate professor of entrepreneurship at the Maine Business School. The Scratchpad Accelerator, launched in September, provides the environment startups need to explore, pivot and grow their businesses in three months. The Scratchpad team has had more than 200 direct contact hours with the companies to help them shape their

future and facilitated more than 60 connections among the companies and mentors. In addition to mentoring, participants have received funding and participated in networking opportunities, structured learning and more. "The University of Maine plays a vital role in supporting economic development and entrepreneurship in the state of Maine," says Jake Ward, UMaine's vice president for innovation and economic development. "Demo Day represents the culmination of the hard work that the entrepreneurs in the Scratchpad Accelerator have put forth in the past three months with help from the University of Maine and MTI. I look forward to attending the exciting conclusion to this pilot program." "Supporting the Scratchpad Accelerator fits the MTI mission of offering early-stage capital and commercial assistance to Maine companies," says Joe Migliaccio, director of business development at MTI. "Demo Day will serve as an exciting capstone to this three-month program that has positioned the startup companies for the next stage of growth and capital. We are excited to showcase these founding teams, their new products, and the progress they have made. We look forward to hearing from all the entrepreneurs in Bangor on December 11." Eaton Peabody has agreed to be the exclusive sponsor of Demo Day. The law firm has been actively involved in the program since the application process was open in August, including attending mentor events to having a representative who serves on the Scratchpad advisory board. "Supporting Demo Day for Scratchpad aligns closely with our interest in supporting entrepreneurship in the state, especially those companies seeking private capital to scale," says Jeff Spaulding, a shareholder at Eaton Peabody. "We support a culture of innovation and believe that it's important to participate in building an infrastructure in which innovative growth companies can have access to capital and talent, without having to leave the region," says Eric Marshall, a business attorney with Eaton Peabody. Scratchpad's Founding Sponsor is Bangor Savings Bank Foundation. The Bangor Target Area Development Corporation is a Master Craftsman Sponsor and United Insurance is a Apprentice Sponsor. Contact: Jason Harkins, 207.581.1999

Dec. 1 lecture, book signing to feature UMaine student

20 Nov 2015

University of Maine student Nicole Maines, the subject of Pulitzer Prize-winning journalist Amy Ellis Nutt's book "Becoming Nicole," will discuss her experiences as a transgender youth Tuesday, Dec. 1. Maines' father Wayne also will speak about the family's journey during the lecture slated for 11 a.m. and 7 p.m. in 100 D.P. Corbett Business Building. Following the morning lecture, a book signing will be held at University Bookstore from 12:30–1:30 p.m. A reception is slated from 4–5:30 p.m. at the Wilson Center, 67 College Ave. Copies of "Becoming Nicole" will be available for \$30 (includes sales tax) at University Bookstore and the reception. Cash or check only will be accepted at the reception. The events are sponsored by the UMaine College of Education and Human Development, University Bookstore, LGBT Services and the Wilson Center.

Page Farm and Home Museum to hold Ye Olde Holiday Shoppe Dec. 5

20 Nov 2015

The Page Farm and Home Museum at the University of Maine will hold its annual Ye Olde Holiday Shoppe from 10 a.m. to 4 p.m. Saturday, Dec. 5. The free event will feature more than 20 local area vendors with handcrafted and homemade products including jewelry, bread, cheese, wreaths, toys and quilts. The event is held annually at the museum on 12 Portage Road to encourage the public to support local artists and small businesses while holiday shopping.

Scratchpad Accelerator participants speak at Bangor Chamber breakfast, WVII reports

20 Nov 2015

WVII (Channel 7) reported four entrepreneurs participating in Scratchpad Accelerator, a pilot program of the University of Maine in collaboration with the Maine Technology Institute, spoke at a recent Bangor Region Chamber of Commerce breakfast. The Scratchpad Accelerator provides the environment startups need to explore, pivot and grow their businesses in three months. The participants, who spoke about resources that are available to startups in the region, will give investment-style pitches during a Demo Day from 4–7 p.m. Dec. 11 at Seasons Restaurant in Bangor. "As a chamber we want to promote the businesses in our region that are really trying to grow, and not only to showcase them

but to explain what are the resources available to entrepreneurs,” said Renee Kelly, chair of the Bangor Region Chamber of Commerce, director of economic development initiatives at UMaine, and co-director of the Foster Center for Student Innovation.

Blomberg’s bat research featured in BDN

20 Nov 2015

The [Bangor Daily News](#) spoke with Erik Blomberg, an assistant professor in the Department of Wildlife, Fisheries, and Conservation Biology at the University of Maine, about his recent bat monitoring efforts and research. Through his studies, Blomberg wants to bring the massive declines in bat populations to the public’s attention, educate residents about the extensive services that the animals provide to humans, improve monitoring methods used by researchers to evaluate Maine’s bat populations and involve citizen scientists. “I usually study birds,” Blomberg said. “But with recent concerns about bats, I recognized there’s a need for people to do research on bats in Maine.” He created a pilot citizen science-based bat-monitoring project named BatME and has since teamed up with Maine Audubon. “Bats historically have had a stigma of being bloodsucking vampires and scary. They don’t have the greatest reputation,” Blomberg said. “At the same time, they’re important for people. They deal with harmful pests, like mosquitoes and crop-eating insects.”

Alfond Foundation awards \$3.9M to develop Alfond Ocean Engineering and Advanced Manufacturing Laboratories

23 Nov 2015

During a laboratory dedication this morning at the University of Maine, the Harold Alfond Foundation announced a \$3.9 million grant to the University of Maine to match \$9.98 million already raised, formally establishing the Harold Alfond W² Ocean Engineering Laboratory and Advanced Manufacturing Laboratory at the Advanced Structures and Composites Center on campus. “We are investing in people and infrastructure that will support ocean engineering, and advanced manufacturing education and research, and grow Maine jobs,” said Gregory Powell, chairman of the Harold Alfond Foundation. The Ocean Engineering Laboratory will prototype coastal and offshore structures, including ships, aquaculture facilities, oil and gas structures, and ocean energy devices under extreme wave, wind and current environments. The Advanced Manufacturing Laboratory for thermoplastic composites will utilize digital, additive and robotics manufacturing to reduce cycle time and cost. Structural thermoplastics are recyclable materials that could transform composite materials use in cars, ships, boats and aerospace applications. In June, the Composites Center received \$497,965 from the National Institutes of Standards and Technology to develop a national road map for advanced manufacturing of structural thermoplastics composites materials. “I am delighted that after years of hard work, the University of Maine is establishing world-class research capabilities in ocean engineering and advanced composites manufacturing to help Maine and the nation improve our industrial competitiveness in boatbuilding, renewable energy and aquaculture, and to help protect our coastal cities from major storms,” said U.S. Sen. Susan Collins. “Maine has a long and impressive history in both boatbuilding and composites manufacturing. The important investment in this laboratory at UMaine builds on our state’s tradition of excellence in ocean engineering. Throughout my service in the Senate, I have been a steadfast supporter of the Composites Center, and do thank the Alfond Foundation, the National Science Foundation, the U.S. Department of Commerce, the Maine Technology Institute and Maine voters for their participation in making this \$13.8 million research facility a reality in Maine.” “The University of Maine has long been a pioneer in ocean research and engineering. With the state-of-the-art Alfond Ocean Engineering and Advanced Manufacturing Laboratories, the students and faculty at UMaine will be able to build on this impressive legacy and help grow Maine’s marine economy,” said U.S. Sen. Angus King. “I commend the Alfond Foundation for its dedication to providing a brighter future for Maine, and for its continued commitment to giving our students the opportunities they need to grow, learn and thrive.” The total construction, equipping and start-up of the new laboratories over the first three years will cost more than \$13.8 million. Of that, the center had raised more than \$9.98 million through four grant competitions, including the U.S. Economic Development Administration, National Science Foundation, National Institute of Standards and Technology, and Maine Technology Institute, as well as a Maine voter-approved bond, supported by the Governor and Maine Legislature in June 2015. The Alfond Foundation naming gift of \$3.9 million will help complete the equipping of the facility, hire world-class engineers for the start-up in 2015–16, and fund graduate and undergraduate students over three years to help start-up the facility. “These will be the only labs of their kind in

Maine with world-class capabilities to educate students and conduct cutting-edge research and development,” said professor Habib Dagher, executive director of the UMaine Composites Center. “The R&D will support the growth of the ocean economies and shipbuilding sectors in Maine and the nation, as well as the growth of digital and additive manufacturing of thermoplastic composite materials.” “Two integrated world-class research laboratories will be established in Maine through this unique partnership with the Alford Foundation,” said UMaine President Susan Hunter. “This advancement in one of UMaine’s Signature Areas of Excellence creates unparalleled opportunities for students and researchers, and supports marine-related economic development in Maine.” “There is great value for Maine, its business community and students with this state-of-the-art facility at the University of Maine,” said Senator Amy Volk, Senate chair of the Labor, Research, Commerce and Economic Development Committee. “UMaine plugs its students into real-world research and engagement initiatives, including internships, co-ops and fieldwork throughout Maine — and beyond — in partnership with businesses and industries statewide, facilitating technology transfer, patenting, licensing and commercialization activities. We are encouraged by this public and private partnership to help Maine companies pursue R&D, as it represents strategic growth and economic development activity.” “This type of facility in our state is critical for Maine industries and students, providing unmatched hands-on experience and a local resource. It also continues to put Maine on the map for our innovation and leadership in the ocean economy,” added Representative Erin Herbig, House chair of the Labor, Research, Commerce and Economic Development Committee. “The University of Maine will name its new facilities the Harold Alford Ocean Engineering and Advanced Manufacturing Laboratories to acknowledge the continued support by the Harold Alford Foundation of UMaine research and students,” said Carol Kim, UMaine vice president for research and dean of the graduate school. The UMaine Composites Center is the largest STEM research and development program located in a Maine university, and is at the heart of one of UMaine’s seven Signature Areas of Excellence — Advanced Materials for Infrastructure and Energy. Contact: Joshua Plourde, 207.581.2117

Indian Holiday Market basketmakers featured in PMA show

23 Nov 2015

Four Native American artists who participate in the Hudson Museum’s Maine Indian Basketmakers Holiday Market at the University of Maine also have baskets showcased in the Portland Museum of Art’s biennial [“You Can’t Get There from Here.”](#) Penobscot artists Theresa Secord and Sarah Sockbeson and Passamaquoddy artists Jeremy Frey and George Neptune have artwork in the PMA show on exhibit through Jan. 3, 2106. Those artists and about 50 others will be at the 2015 Maine Indian Basketmakers Holiday Market from 9 a.m. to 3 p.m. Saturday, Dec. 12, at the Collins Center for the Arts on the Orono campus. The 21st annual holiday gathering of Maine Indian artists has become the largest event of its type in New England, says Gretchen Faulkner, director of the Hudson Museum. The free-admission market features members of the Maine Indian Basketmakers Alliance who have received national awards as well as artists representing the next generation of weavers. Sockbeson, who grew up hearing stories about her great-grandmother Elsie Tomer weaving baskets in early 1900s, is one talented member of the next generation. Earlier this year, she earned a first-place ribbon and a second-place ribbon at the Santa Fe Indian Market. The 31-year-old embraces the modern world and enjoys combining natural elements with bright colors and original designs. “I think as an artist there is always the desire to push boundaries and innovate, no matter what medium you choose to work with,” she says. “For me, I really like to use bold, modern colors in my baskets as I love the contrast between old and new, contemporary and traditional, natural and unnatural.” She also feels a responsibility to honor her ancestors who practiced the art of basketry long before she was born. “As Native People, we have a long history of being resourceful and utilizing materials we have available to us in creative ways,” she says. “Our art has never stopped evolving and continues to change with the times, as we market our work to current audiences and acclimate to our current environments.” Alison Ferris, curator of “You Can’t Get There from Here” at PMA, says that connection to the past is one reason the exquisite works of Sockbeson, Secord, Frey and Neptune are part of the biennial. “Artists from the Wabanaki tribes were the first artists in Maine, and the fact that art forms from these traditions are still being practiced thousands of years later is remarkable,” she said in an article in the Portland Press Herald. Sockbeson says until the PMA show, most of the exhibits she took part in were Native American art exhibits. “I am very excited and honored to have been chosen to be included in this particular exhibition at the Portland Museum of Art,” she says. “I think it is another step forward having our Native American, traditional, cultural art showcased as fine art.” The Maine Indian Basketmakers Holiday Market is much more than a sale, says Faulkner. “Visitors can learn about Maine Indian history and culture, hear Wabanaki languages and explore the museum’s Maine Indian Gallery,” she says. “It has been wonderful to see individuals who came to this event as

children, who are now artists continuing these ancient traditions.” Sockbeson, who views herself as an artist and an educator, agrees. “When I attend this show I am not just there to sell my work, I am also there to educate and be a resource for people wanting to learn more,” she says. “Educating as many people as possible has become a welcome and fortunate side effect of participating in various art markets in and outside of Maine,” she says. “I can only hope that by extending the web of educated persons, I will be in turn, encouraging future artists, as well as aid(ing) in the fostering of appreciation for contemporary native art in today’s world.” At the holiday market, raffle tickets for a chance to win a basket created by Jeremy and Ganessa Frey will be sold. For more information and to purchase raffle tickets, contact Faulkner at 207.581.1904. The Dec. 12 schedule includes: a welcome ceremony with Penobscot Chief Kirk Francis at 10 a.m.; traditional Penobscot songs with Kelly Demmons, Penobscot, at 10:30 a.m.; a brown ash-pounding demonstration with Eldon Hanning, Micmac, at 11 a.m.; a children’s beading workshop with Donna Brown, Penobscot, in the Hudson Museum Maine Indian Gallery, at 11:30 a.m.; a fancy basket demonstration with Ganessa Frey, Penobscot, at noon; a basswood fiber rope-making demonstration with Barry Dana, Penobscot, at 1 p.m.; a children’s workshop with George Neptune, Passamaquoddy, in the Hudson Museum’s Maine Indian Gallery, at 1:30 p.m.; and a performance by the Burnurwurbskek Singers at 2 p.m. A question-and-answer with Sockbeson is [online](#). Contact: Beth Staples, 207.581.3777

While rooted in tradition, Sarah Sockbeson pushes boundaries

Age: 31 **Hometown:** Brooklin, Maine **Education:** Deer Isle Stonington High School; Cosmetology School, licensed cosmetologist; Apprenticeship with Jennifer Neptune **Website:** sarahsockbeson.com **Facebook:**



facebook.com/sarahsockbesonbasketry

Please describe your desire to honor your ancestors and preserve Wabanaki history as well as embrace the modern world and inspire future generations through your art. For me, tradition and cultural values are a huge driving force in my life and career as an artist, because it is all intertwined. I feel I have a responsibility to honor my ancestors that have practiced the art of basketry long before I was alive and it's immensely satisfying that I'm able to perform this tradition in nearly every way it was practiced years ago. Not only is weaving a way for me to feel spiritually connected with my ancestors, it also allows me to respect and honor their memory, life's work, creative innovations and the efforts they made in protecting and preserving our cultural traditions and knowledge over time. Many of their innovations may have originated out of necessity, utility and survival, yet it does not diminish its value in a modern context or my desire to sustain these practices. For any of our traditions to survive in the face of adversity is a very big deal, and therefore, I think, as a responsible and conscientious Native person, I am committed to educating and carrying on these important aspects of our culture, not only to keep them alive, but to contribute to a beautiful, complex and diverse art form. Although I am able to perform this tradition in all the same ways my ancestors practiced the art, I take pleasure in infusing contemporary elements and colors, and creating my own modern renditions. I also have an affinity to working with the

material in a fine/small scale. This can be challenging yet produces a very detailed and intricate effect, as well as a modern and fresh approach to an old practice. As Native People, we have a long history of being resourceful and utilizing materials we have available to us in creative ways. Our art has never stopped evolving and continues to change with the times, as we market our work to current audiences and acclimate to our current environments. I see my role not only as an artist, but also as an educator, and as I have grown as a basketmaker, marketing my work successfully for over 11 years now, as well as working with various Native American museums, I have seen the immense need for education. In recent years, I have attended larger Native American art shows outside of Maine. I have found in attending these markets, that many people (especially outside of New England) have never seen brown ash and sweetgrass baskets, and know little about Wabanaki people and culture. In Maine, I think there is a higher percentage of people that know about these traditions, than the rest of the country, but there are yet, many more people, within Maine, that could benefit from learning about basketry and other native art forms. It was through these observations that led me to create a photographic documentation of the traditional basketmaking process. I now bring this documentation on a large display banner to every show. It demonstrates all the stages of our ash and sweetgrass basketry process: from harvesting the tree and sweetgrass, to wood preparation and basket weaving. With this display, I am able to actually provide the information to people in a visually appealing way; educating/sharing everywhere I go. Once someone realizes that the baskets are made from wood and as they become educated about the traditional processes, their eyes are opened and they are amazed. Educating as many people as possible has become a welcome and fortunate side effect of participating in various art markets in and outside of Maine. This is a very important component to keeping our traditions alive, helping provide a deeper awareness outside our community, as well as establishing a sustainable market to other basketmakers trying to make a living practicing an old tradition. I can only hope that by extending the web of educated persons, I will be in turn, encouraging future artists, as well as aid in the fostering of appreciation for contemporary Native art in today's world.

As a child you heard stories about your great-grandmother Elsie Tomer weaving baskets. Do you have any of her baskets? Unfortunately I do not have any baskets that she made and have not even seen one. Which is so very sad to me. I would really love to see her work and hope to someday do more research into potentially locating her pieces in museums, and tracking down any family members that may retain baskets she made. The challenge is that most baskets from the early 1900s, and before, were not signed and the maker was rarely documented, if at all. My grandmother has told me that her mother had a bowl-shaped basket that was one of her signature styles and everyone called it the "Elsie Bowl." I'm sure there are pieces that she made in the collections of some of our Maine museums, and I am eager to see one in person. My grandmother had many opportunities to learn and I asked her why she never did, she said she would help her mother from time to time, but was not all that interested in it, she didn't like how messy it was, and I think she saw how hard her mother worked and how she was not compensated fairly for her actual time and effort back then. She said she sold many of her baskets for 25 cents which today would be less than \$5. So I can see why the next generation would be discouraged from investing their time in basketry as a profession, and look for alternatives for work. I think that is why it is a real testament to the people that did choose to persevere and carry on a tradition despite there being little reward for their labors. I also don't think people realized the significance and how easily the knowledge could be lost when the next generation chose not to learn or was intentionally not taught. Especially during the early 1900s, conformity and assimilation were the real enemies of our culture, traditions and diversity. Many well-meaning parents chose not to teach their children the language and other elements of our culture, in an effort to try to protect them from discrimination and prejudice. I think these are some of the driving forces for my desire to carry on, share and educate, because there is a real value in these traditions beyond anything monetary and I want to do my part to keep these things alive for our future generations. I also found out that my great-great grandmother (my dad's father's grandmother) was a basketmaker and I actually have a picture of her weaving a basket. The image is in the (UMaine) archives; her name was Agnes Saulis White Pooler.

While basketweaving wasn't passed directly to your generation in your family, you developed as an artist. Could you describe this — was it with other basketmakers? In school art classes? Both? Other? How did you develop your artistic skills? I have been an artist my entire life and art is something that I apply to everything that I do as a person. I think art can take on many forms and I can honestly say there is nothing in this world I would rather spend my time doing, than simply creating. Growing up, I aspired to be an artist, in some form or another, as my profession. I loved drawing, painting, sculpting, weaving/knitting with various fibers, beading, sewing, cooking and anything that allowed me to get creative. Throughout grade school and high school I had some really amazing art teachers (nonnative) that encouraged me, challenged me and really nurtured my abilities, which definitely strengthened my desire to pursue art as a career. Our cultural art and especially baskets have always fascinated and intrigued me, and I've always felt a strong connection and draw to it on a deeper level, yet did not have anyone left in my family that carried the knowledge on. After high school I was living on Indian Island with my grandmother and sought out the information of basketmaking

from another tribal member. I was lucky enough to have found an amazing teacher in Jennifer Neptune, and I began apprenticing with her in around 2003. She was very willing and eager to share the traditional knowledge with me. As soon as I started working with ash and sweetgrass I found an amazing medium like no other. Brown ash is a very special material in particular, and it has qualities like no other wood. There are so many things you can do with it. You can twist, bend, dye, cut as fine as a piece of thread, and it is still durable, very strong once woven, and takes dye wonderfully well. One of the first things I was taught was how to prepare my material and although this is a very time-consuming and labor-intensive process, it is also one of the most important aspects one must master. I think it also may be a deterrent to many new weavers just getting started, because it takes more hard work than many anticipate. It is also very messy, and it takes years to produce a basket that would be considered “presentable.” For me, though, it only makes weaving that much more fun and satisfying, once the hard work is done and over with, the fun part begins, which is the weaving. However, to master the skills it takes to market your work successfully, it takes a lot of patience, practice and perseverance. When you ultimately are able to create something that exceeds your expectations, it makes the entire process all the more gratifying. I apprenticed with Jennifer for about a year and then started creating baskets on my own and have been weaving for about 12 years now. I like to take inspiration from many of the older-style antique baskets, but adapt them to my own design aesthetic and incorporate modern elements to create a contemporary overall look to the end product. As native basketweavers we are a very small community and are all connected through a shared love of what we do and appreciate being the keepers of this important knowledge and carrying it on for the good of our culture. I think being a part of this small group also pushes, inspires and encourages us, as we watch each other grow and innovate the art form. We participate in many of the same events and sometimes get together to work on projects and explore new ideas and materials. Although there is a certain amount of competition between us (because we all share the same market) I think it is a healthy amount that I would describe more as a deep appreciation for each other and for the unique offerings each person brings to the table, as well as a driving/ inspiring force to be better at what we do, and further our art form. The success of one is the success for all. I'd say we all have a very special relationship to each other as basketmakers, even within all four tribes of Maine. I love to see my fellow basketmakers attain success, because not only does it help the art of basketry gain recognition, it also serves as a positive example of the determination of our community members. I think as an artist there is always the desire to push boundaries and innovate, no matter what medium you choose to work with. For me, I really like to use bold, modern colors in my baskets as I love the contrast between old and new, contemporary and traditional, natural and unnatural. I was also was a painter before I started working with ash and sweetgrass, so color has always been something I enjoy experimenting with. Being a painter, I wanted to find a way to combine my paintings with my basketry, and so I created many pieces in which I paint on birchbark with acrylic paint (usually a Maine landscape scene) and attach to the cover of a basket, coordinating the colors (of nature) in the painting with the basket. **Please describe how you learned that your pieces were being included in the “You Can't Get There from Here: The 2015 Portland Museum of Art Biennial” and what this means to you.** I was first contacted by the curator, Alison Ferris, and was asked if I would like to be a part of this exhibit. I was really not sure what to expect since I had not worked with contemporary art museums in the past. Most of the exhibits I have been a part of have been specifically Native American art exhibits. I am very excited and honored to have been chosen to be included in this particular exhibition at the Portland Museum of Art. I think it is another step forward having our Native American, traditional, cultural art showcased as fine art, as I see the top-quality works as such. This is something that I have personally been working to accomplish. Although I am practicing a traditional art form, I would like to change the mindset of our work being viewed as merely traditional “craft.” As our baskets continue to evolve and we push the boundaries with new innovations, as well as our baskets being seen in a contemporary art exhibit, it may help people view our work in a different context and hopefully aid in our creations being considered as fine art and rival to other contemporary works. Although I do consider myself a contemporary Maine artist, I'm also proud to be considered a Native artist as well. I think we, as Native artisans, have a unique perspective, having a foot in both worlds (so to speak) and it's something to embrace as well as a great opportunity to share art that is important to our culture and heritage with new audiences. **How do you develop ideas for baskets?** **What's your favorite part of basket-making process?** Today I harvest and prepare all my own material from scratch (with some help with the labor from my boyfriend, Nick). To make my baskets, it requires a great deal of gathering, and I personally go out into the forest and select the brown ash tree, selection being an art unto itself. Nick cuts down the tree and pounds the tree until the growth rings split and then we split the wood and process it down into finer and finer pieces depending on the project. The wood can be stored indefinitely in the right conditions. Usually I store the pounded growth rings, and take out what I need for a few projects at a time. Everyone has a different process and many will take a day or days where they will just prep a bunch of material, splitting and gauging, and dyeing various colors all at once, and then they have all the work out of the way and they can just take out pieces of wood as they go and choose to what

to weave as they go. I have a different approach (I think) than many. When I embark on a new project I start by creating design concepts, so I usually pick out my block (aka mold or shape). Then I start thinking about color combinations. Some of my ideas come from nature, plants, animals, birds, home decor, fashion, etc. Color is really a driving force in my process. I see color combinations everywhere and I'm always looking for original color schemes that will harmonize well with the material. I usually have an initial design in my head, which I will sometimes sketch with colored pencils or marker, to get an idea if the colors will work well together. I also have to think about pattern in this process. We have a few basic traditional weave patterns that we use frequently, one is a curl (which is round), a porcupine (or point), a ribbon curl, and a simple plain (flat or plaited) weave. There are an innumerable color and pattern combinations you could potentially create. So once the design concept is generated, I then begin to prep all my material based on that design. I usually will create almost a kit of materials for myself, then dye them. After I dye, I organize and sort my materials into different categories based on size and then I can get started on the weaving. I will usually create four to six kits at once, so the prep work is done and I can focus strictly on weaving for a time. This is my favorite part, assembling the designs and witnessing (my) plan come into fruition. What has been particularly rewarding is seeing a large tree become small intricately woven pieces of art. Once I learned all the attributes of the material, various traditional techniques involved, as well as having the ability to be my own boss, do what I love on a daily basis, and continue an important cultural tradition, there was no other thing I wanted to dedicate my time to. Being a basketmaker and educating about our cultural traditions has become my life. I am first and foremost an artist, but I also feel a responsibility to honor my ancestors and fill a positive role in my community by continuing and sharing our cultural heritage. I can only hope future generations will also be as fortunate as I have been, to be able to practice this art form and make a living doing something they love on a daily basis. I think there is something deeply and profoundly satisfying to perform an art that has been passed down from generation to generation, (even if it skipped a couple in my case) and for it to still have relevance in the modern day is even more spectacular. **Is there anything else you would like readers to know about you, your art or the Maine Indian Basketmakers Holiday Market?** I would like to encourage people to attend this market even if they are not necessarily a Native art collector, because I think education about our people, our culture and our art is very important. I think it is the key to understanding many of the issues that face Native people today. When I attend this show, I am not just there to sell my work, I am also there to educate and be a resource for people wanting to learn more. [Back to article](#)

UMaine community gives back throughout the holidays

23 Nov 2015

Editor's note: This is not a complete list; additions may be made. In an effort to give back to the community, several University of Maine groups are leading charitable efforts throughout the holiday season. The Black Bear Exchange, UMaine's food pantry and clothing exchange, will provide Thanksgiving meals to its clients who will be in the area for the holiday. The UMaine Bodwell Center for Service and Volunteerism is collecting gifts for the Holiday Sharing Program, which serves more than 1,000 children in the local community. The program is a partnership between the center, Crossroads Ministries Food Pantry, Toys for Tots, Orono-Old Town Kiwanis, Orono Health Association and many student and staff groups on campus. Gifts can be dropped off at the Bodwell Center, 311 Memorial Union, or at Crossroads Ministries, 2 Wood St. in Old Town. The deadline for gift donations is Dec. 11. The Holiday Sharing Program began in 2004 as a partnership between the Bodwell Center and Crossroads Ministries. Each year, Crossroads contacts families in need while the Bodwell Center works to encourage campus and community organizations, as well as local businesses to collect gifts and spread awareness of the program. In 2014, the program helped more than 1,100 children in the Orono-Old Town area. For more information about the program, call Jennifer Aldrich, community engagement coordinator at the Bodwell Center, at 581.3097. The Classified Employees Advisory Council (CEAC) and Professional Employees Advisory Council (PEAC) will collect nonperishable food items and monetary donations for the Black Bear Exchange at the UMaine Employee Holiday Luncheon on Dec. 14 in Wells. During last year's event, the CEAC raised 277 pounds of food and \$52. The groups hope to raise even more this year and are grateful for all of the community support. In addition, the CEAC will continue to accept donations throughout the holiday season. Donation boxes have been placed at several locations around campus including Alumni Hall, rooms 201, 213, 218, 229 and the Bursar's Office on the first floor; 101 North Stevens Hall; and Fogler Library. Several UMaine fraternities and sororities also are getting involved by holding toy, clothing and food drives. Alpha Tau Omega will host its annual Blue and Gold Christmas, a competition-based philanthropy event that collects clothes, books, nonperishable food and monetary donations for Crossroads Ministries. Teams from Greek Life and other student organizations will be given a tree to

decorate, along with a donation box. Teams score points for donations and tree decorations. The trees, which will be on display in the Memorial Union from Nov. 30 to Dec. 11, will be judged by university officials. The philanthropy will also feature events in the community. Pi Beta Phi and Phi Gamma Delta (FIJI) will host the annual Pi Phi/FIJI Christmas event from 4–6 p.m. Dec. 11 at the FIJI fraternity house, 79 College Ave. Donations for the Bodwell Center and Crossroads Ministries will be collected during the Christmas-themed reception. Contact: Elyse Kahl, 207.581.3747

UMaine professor uses giant map to teach middle school students about African geography, culture

23 Nov 2015

Patrick Womac takes off his shoes and steps onto the huge map of Africa covering half the gym floor at Old Town's Leonard Middle School. Womac, an assistant professor of curriculum, assessment and instruction at the University of Maine, stands on Libya as he leads a group of seventh graders in discussion. "How many people do you think live in the United States?" he asks the students, sitting around the edge of the map with their shoes off, as well. "Ten million," yells out one student. "Twenty million," says another. "Those are good guesses," says Womac. "But actually, there are 320 million people in this country." "Africa," he continues, "has over a billion people who live on this one continent. Fifty-four countries and they're all very different from each other." The map is part of National Geographic's Giant Traveling Maps program, and was first featured as a standard pullout in the September 2005 issue of National Geographic magazine, a special edition devoted to Africa. The giant version measures 26 feet by 35 feet, and is made from a thin, vinyl material. Students and teachers must remove their shoes and not use writing utensils around the map to prevent damage to its surface. It comes with a box full of lessons and activities that can be used to teach everything from geography to climate to animals to cultural and economic facts. Womac, whose specialty is social studies education, was able to bring the map to Leonard Middle School for Geography Awareness Week, which National Geographic started in 1987. He says one of his goals is to show students the diversity of the African continent. "Most of what I've been trying to do is break stereotypes and misconceptions," he says. "Africa is not just a big desert or jungle. Africans don't all live in huts. This is not a primitive place like the media so often suggest." In fact, he says there's great innovation occurring throughout Africa in biology, engineering and many other fields. He adds that American culture, economy and politics have been influenced by Africa for centuries, and it's becoming increasingly important to understand those complex relationships. Students will have a chance to learn more about African life on Tuesday, Nov. 24, when Leonard Middle School hosts an African Culture Fair. Performers will include Namory Keita, a drummer from Guinea who currently lives in Portland, and Camden-based African dancer Denyse Robinson. Members of the UMaine Multicultural Center from Africa also will be on hand to give talks, serve food and talk to students about their home countries. "I wanted to involve people on campus, and the Office of Multicultural Student Life has a mission to promote cultural understanding, and their staff includes individuals who grew up in African countries," says Womac, who got a small grant from the UMaine Humanities Center to help pay for the cost of renting the map. The College of Education and Human Development paid the balance. Jody McDonald, who teaches eighth grade social studies at Leonard Middle School, says the giant map is an excellent resource. "They're able to see scale much better," McDonald says of her students. "Plus, they're a bunch that need to get around and move, and it helps with that." Womac's relationship with the middle school started with another project he's working on: trying to place some of his UMaine undergrads for a couple hours a week. The map was kind of a bonus, but it's worked out so well, he's thinking of expanding it next year. "This has been a successful trial run. Next year, I'm hoping to do it bigger and better," he says. "Different continents, more schools, more guest speakers from the community and around the world." Contact: Casey Kelly, 207.581.3751

Anderson to be guest on 92.9 FM 'Wild Maine' show

23 Nov 2015

Mark Anderson, a senior instructor emeritus in the University of Maine's School of Economics, is expected to be a guest on Bob Duchesne's "[Wild Maine](#)" radio show on Saturday and Sunday, Nov. 28–29. Anderson will speak about ethics and wildlife management. "Wild Maine" airs every Saturday at 9 a.m. and Sunday at 8 a.m. on Sports Radio 92.9 The Ticket.

Taste testers sought for rice snack study

23 Nov 2015

Researchers at the University of Maine are seeking participants to try new Japanese-style rice snacks on Dec. 2. Members of the focus group must be 18 or older and will earn \$60 for 90 minutes. For more information, contact the UMaine Sensory Evaluation Center at 581.1733, sensory.evaluation@maine.edu or on [Facebook](#).

Men's ice hockey game part of Military Appreciation Series, WVII reports

23 Nov 2015

WVII (Channel 7) reported the Troop Greeters at Bangor International Airport have paired with the University of Maine men's ice hockey team for its annual game to support veterans and active-duty troops. As part of the Military Appreciation Series presented by Dead River Company, all military personnel and their immediate family will receive complimentary tickets for the Nov. 28 hockey game against Princeton. The second intermission will bring awareness to Stop22, an awareness campaign to show the nation's military, active and retired, that they are not forgotten, according to the report. The campaign estimates 22 veterans are expected to commit suicide daily.

BDN reports Hudson Museum seeking to return bones to tribes

23 Nov 2015

The [Bangor Daily News](#) reported the Hudson Museum at the University of Maine is home to human remains unearthed by Dr. Clarence Edmonds Hemingway — father of writer Ernest Hemingway. In 1928, the elder Hemingway traveled to Florida and excavated burial sites of extinct native tribes, according to the article. The relics eventually became part of the Portland Society of Natural History collection, and when the society closed in 1970, Hemingway's bone collection and other items were transferred to the Hudson Museum. The museum is now working with the federal government and two Florida tribes to return the human remains to their descendants, the article states. Gretchen Faulkner, director of the museum, said the bones were never on display. Dan Sandweiss, the museum's chief cooperating curator, spoke about what little is known about the remains, as well as how and why Hemingway went to Weedon Island to dig up the bones. Museum officials found the Weedon Island collection in 2002 and had forensic anthropologist and UMaine researcher Marcella Sorg examine the bones. She concluded that they were of Native American ancestry, the article states.

Pratt & Whitney gives \$100,000 to College of Engineering, MaineBiz reports

23 Nov 2015

[MaineBiz](#) reported on a recent \$100,000 donation to the University of Maine College of Engineering from an aerospace manufacturer to bolster recruiting efforts for prospective students considering the college. The gift came from East Hartford, Connecticut-based Pratt & Whitney's North Berwick facility. The donation will go to the Mechanical Engineering Technology program in the School of Engineering Technology with a focus on training the next generation of mechanical engineers in Maine for careers in the manufacturing industry, according to the article. Karen Horton, professor of mechanical engineering technology, said the gift will have an enormous effect on the college.

Armstrong quoted in BDN article on cranberry harvest

23 Nov 2015

Charles Armstrong, a cranberry specialist with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for an article about this year's cranberry harvest. Armstrong said although this year's harvest was good, prices were unusually low, making for a "depressing" market. "The price was ... horrendous for water-harvested berries," he said, adding about 84 percent of all cranberries in Maine are wet harvested, which involves flooding the bog and collecting the ripe berries when they float to the surface. Armstrong said the "break-even point" for wet harvesting requires getting about 35 to 40 cents per pound for the berries. This year, however, the price dipped to between 12 and 20 cents a pound, according to the article. Overall, Armstrong estimates Maine's cranberry farms produced about 2 million pounds of fruit this year, worth an estimated \$808,000, which is up from last year's harvest of 1,542,800 pounds.

with a value of \$437,000, the article states. [Mainebiz](#) also reported on the harvest.

Startups to pitch to investors after completing program, Mainebiz reports

23 Nov 2015

[Mainebiz](#) reported the four Maine startups in a pilot accelerator program launched in September by the University of Maine and the Maine Technology Institute will pitch their ideas at a showcase event in Bangor. The Demo Day, the first of its kind in Maine, is the culmination of three months of work in the pilot program, Scratchpad Accelerator. At the event, the four startups — CourseStorm of Orono, Double Blue Analytics of Orono and Brunswick, Tip Whip of Old Town and L&K Manufacturing of Bangor — will give investment-style pitches to an audience of supporters, strategic partners, the general public and potential investors. The program will be held from 4–7 p.m. Dec. 11 at Seasons Restaurant in Bangor.

Press Herald interviews Rubin about EPA review, ethanol in gasoline

23 Nov 2015

The [Portland Press Herald](#) spoke with Jonathan Rubin, a professor of resource economics and policy at the University of Maine, for the article “EPA review raises alarm in Maine over potential increase of ethanol in gasoline.” The U.S. Environmental Protection Agency has proposed revising its renewable fuel standard, or RFS, and potentially increasing the amount of ethanol mixed into traditional petroleum-based fuels, according to the article. Rubin, whose research area includes renewable fuels, said he thinks the debate over the EPA’s new standards is overblown. He said the new standards would only result in “very modest increases” in the use of corn-based ethanol, the article states. As long as the 10 percent “blendwall” is not breached, there will be no effect in Maine, he said. “It’s really sort of a minor thing,” he said of the EPA’s review.

Fraternity pledges participate in Solidarity Harvest, WABI reports

23 Nov 2015

WABI (Channel 5) reported fraternity pledges from the University of Maine were among 400 volunteers taking part in this year’s Solidarity Harvest. Now through Monday, they will be loading trucks with Thanksgiving baskets and delivering them to 1,200 families around the state, according to the report. “We’ve been stacking turkeys; we’ve been putting potatoes in bags, carrying bread from cars, moving apple cider — you name it. It’s been great,” said Matt Ahearn, a pledge of the Phi Gamma Delta fraternity. For those helping out, it’s a chance to give back as well as give thanks, according to the report. “It definitely puts things in perspective for all of us. We’re fortunate to be at the university getting a great education, great school, and it’s very nice to give back especially around the holidays,” Ahearn said.

BDN reports on new financial aid matching program

23 Nov 2015

The [Bangor Daily News](#) reported the University of Maine announced a commitment to match financial aid offers from any other New England land-grant universities as part of a push to continue educating Maine residents. Under the [Maine Matters](#) program, the university will review financial aid offers from other regional land-grant universities and provide grants to match the net cost of tuition and fees and room and board, according to the article. The match program builds on a strong foundation of scholarships for in-state students. “The Maine Matters program is a demonstration of the university’s commitment to serving and supporting Maine students and their families. Cost will not be a factor for any college-bound Mainers considering attending a land-grant university outside of the state,” said Joel Wincowski, UMaine’s interim vice president for enrollment management.

WABI covers 4-H Science Saturday on chemistry of color

23 Nov 2015

WABI (Channel 5) reported on the University of Maine Cooperative Extension 4-H Science Saturday that explored the chemistry of color. The event allowed middle and high school students the opportunity to synthesize pigments and use them in chemistry and art experiments, including making their own crayons, according to the report. “We get a lot of kids that are more interested in the topic and then just get swept up in the fun of it and don’t even realize that they’re doing science anymore,” said Alice Philbrick, a 4-H community education assistant. Participants utilized techniques and instruments used by chemists. “I thought it was really fun because we don’t usually get to do things like this at school, and it’s really a different experience,” said Bangor resident Helen Rebar. The next 4-H Science Saturday will be held Dec. 5 and will focus on winter ecology. WVII (Channel 7) also reported on the program.

UMaine unveiling ocean simulator, media report

23 Nov 2015

The Associated Press, [Christian Science Monitor](#) and [Gizmodo](#) reported the University of Maine is unveiling a \$13.8 million expansion of its Advanced Structures and Composites Center that will simulate a stormy ocean to help innovators determine if their creations can withstand the sea. Habib Dagher, executive director of UMaine’s Advanced Structures and Composites Center, said the indoor W2 Ocean Engineering Laboratory will be able to simulate waves over 100 feet tall and winds of more than 200 mph and will test the strength of everything from ships and ports to offshore wind turbines, according to the AP report. “It’s really advancing society by better understanding the ocean — the way things survive in the ocean,” Dagher told the AP. The facility has been in the works for about six years and was funded by a combination of public and private grants, he said. ABC News, Houston Chronicle, Boston Herald, Newsday, Maine Public Broadcasting Network, [Portland Press Herald](#) and WABI (Channel 5) carried the AP report.

UMaine Extension resources available on holiday food safety

23 Nov 2015

The University of Maine Cooperative Extension has several resources available on food safety for the holidays. The [online](#) bulletin, “Helpful Hints on Handling Turkeys for Thanksgiving,” covers topics from shopping for the turkey to how to properly thaw, stuff, roast and serve the bird. The UMaine Extension publications catalog is available [online](#) and offers other holiday-related bulletins including food safety tips and how to preserve cranberries. The video “[Experts on Demand: Holiday Food Safety](#),” is available on YouTube and features UMaine Extension professors Beth Calder and Jason Bolton.

Jack Cosgrove to transfer into senior associate director of athletics role

24 Nov 2015

University of Maine head football coach Jack Cosgrove has announced that he will transition from his college coaching role into a senior associate director of athletics position at his alma mater. A national search for a head football coach will begin immediately. Defensive coordinator Joe Harasymiak will assume the role of interim head coach. “I am honored to accept this position and embrace an opportunity to work toward a new vision for UMaine athletics,” said Cosgrove. “I am excited by Karlton Creech’s leadership and commitment to excellence. I believe, together, we can profoundly influence the future of UMaine athletics.” “It is with great excitement that we welcome Jack onto our senior leadership team in the Department of Athletics,” says Director of Athletics Karlton Creech. “Our entire department will now benefit from Jack’s many talents. His successful tenure as our head football coach has prepared him perfectly for this new role, and the list of ways that he can help our department is seemingly endless. “For me personally, Jack’s new role will be invaluable. Jack’s passion for UMaine Athletics is unmatched,” Creech says. “I can’t wait to get to work with him as we develop a new vision for Maine Athletics. I respect and admire Jack Cosgrove, and it will be a privilege for me to work side by side with him in the coming years.” Cosgrove, named UMaine’s head coach on Feb. 22, 1993, has the most wins (129-135) in the history of the football program. Under Cosgrove’s leadership over the past 23 years, the Black Bears won three conference championships and made five NCAA postseason appearances. After graduating

from the University of Maine in 1978, Cosgrove spent two years as a graduate assistant with the Black Bears. Following a two-year stint at Boston College, Cosgrove returned to UMaine in 1987 as the coach for quarterbacks and receivers, helping guide the team to its first NCAA playoff appearance. Cosgrove was promoted to pass game coordinator in 1988 before being named Maine's offensive coordinator in 1989. As a student-athlete, Cosgrove was a two-time second-team All-Yankee Conference quarterback and an ECAC All-Star for the Black Bears. Cosgrove currently ranks as the 10th all-time leading passer in Maine football history with 2,836 career yards. Including his undergraduate years and his assistant coaching tenures at Maine, Cosgrove has dedicated 34 years to the University of Maine — more than any other current Colonial Athletic Association head coach. “I have known Jack Cosgrove for more than two decades and have tremendous respect for what he has been able to accomplish as our head football coach,” says University of Maine President Susan Hunter. “I appreciate his longevity and loyalty in the service of his alma mater, and his tireless devotion to the success of student-athletes. I now look forward to the strategic contributions he will make to our university in his new role as senior associate director of athletics. I know the entire UMaine community joins me in congratulating Jack on this new opportunity in his career.” Aside from developing athletes on the field, Cosgrove remained focused on guiding students to success in the classroom. Over the last 10 years, the football program has achieved NCAA Academic Progress Rates above 950, including a 980 mark in 2008-09. The Black Bears have produced numerous CAA All-Academic honors, CAA Student-Athlete of the Year selections in 2013 and 2008 and M Club Dean Smith honorees in 2013, 2008 and 2001. Cosgrove earned his bachelor's degree and master's in educational administration from UMaine in 1978 and 1981, respectively. He then became the head football coach at Stoughton High School (Mass.), where he also taught American history from 1981–84. Cosgrove, a Sharon, Massachusetts native, graduated from Sharon High School. He and his wife, Marilyn, are the parents of twins, Matthew and Carly, and daughters Sydni and Jeri. COSGROVE OVERVIEW: 23 seasons as head coach at UMaine 129 career wins, most in school-history 90 league wins, fourth most in league history 3 NCAA Playoff victories 264 games coached, more than any other head coach in program history 20 All-Americans coached 3 NFL Draft Picks 3 Buck Buchanan Award finalists (FCS Defensive Player of the Year) 2013 & 2004, defeated FBS opponents (UMass/Mississippi St.) 2002 — School-record 11 wins 2013 — hosted first-ever NCAA playoff game at Alford Stadium (vs. UNH) 2013 Maine Sports Hall of Fame Inductee 2013, 2008, 2001 Eddie Robinson National Coach of the Year finalist 2013 — CAA Coach of the Year & American Football Coaches Association FCS Region 1 Co-Coach of the Year, Gridiron Club of Greater Boston Bowl/Championship Division Head Coach of the Year, 2013 & 2011 New England Football Writers FCS Coach of the Year 2001 — American Football Monthly I-AA National Coach of the Year 2001 & 1996 — Atlantic 10 Coach of the Year

UMaine Calculus Competition 2015 results

24 Nov 2015

All students in Calculus I and II (MAT 126–127) were invited to participate in the annual University of Maine Calculus Competition. The test consisted of three calculus problems to be solved over one weekend. Thirty-three students participated. Prizes included cash and gift certificates to University Bookstore. The winners were: **Calculus I** First place, \$150 cash and \$25 gift certificate: Alec Roach Second place, \$75 cash and \$25 gift certificate: Nick Fortin and Oliver Adams Honorable mention and \$25 gift certificate: Mykayla Hagaman **Calculus II** First place, \$150 cash and \$25 gift certificate: Mark McGillicuddy Second place, \$75 cash and \$25 gift certificate: Reuben Kebreau and Jake Stevens Third place, \$50 cash and \$25 gift certificate: Antonia Carroll

College of Education and Human Development, Department of Art debut new websites

24 Nov 2015

The [College of Education and Human Development](#) and the [Department of Art](#) are among the latest programs to upgrade to the university's new website template. [Northeast Forest Information Source](#), [Phi Kappa Phi — Chapter 1](#) and the [Writing Center](#) also recently upgraded. The new umaine.edu and related pages debuted in late August. For more information on the UMaine website conversion, contact Mike Kirby at mike.kirby@maine.edu or 581.3744.

EPA recognizes UMaine for diverting food waste

24 Nov 2015

The University of Maine recently was recognized by the United States Environmental Protection Agency (EPA) for its efforts in keeping wasted food out of landfills. UMaine was one of 24 organizations in the six New England states to receive a “Food Recovery Challenge Regional Achievement Certificate” from the EPA for its work reducing food waste, according to a news release issued by the agency. The University of Maine at Farmington and the University of Southern Maine in Portland also received certificates. Food waste is the largest stream of materials in landfills, accounting for 21 percent of the American waste stream, the release states. Diverting food waste from landfills reduces the amount of harmful gases that contribute to climate change. The full EPA news release is online.

Maine Educational Talent Search cited in Aroostook Republican article

24 Nov 2015

[Aroostook Republican and News](#) reported on a recent trip by Caribou High School students to the University of Maine. The Maine Educational Talent Search (METS) field trip focused on engineering and gave students the opportunity to tour facilities including the Advanced Structures and Composites Center. METS is a federally funded program designed to encourage, advise and assist high school students to gain college access, according to the article. METS adviser Velma Murphy Graham said she thinks the earlier children start to pursue higher education, the more likely they are to conquer that ambition, the article states.

Media report on new Maine Educational Opportunity Center adviser

24 Nov 2015

[Houlton Pioneer Times](#), [The Star-Herald](#) and [Aroostook Republican and News](#) reported the Maine Educational Opportunity Center (MEOC) has hired a new adviser for Aroostook and northern Penobscot counties. As an MEOC adviser, Patrick Blanchette will host several workshops on topics including career counseling and financial aid, according to the article. The MEOC is a federally funded initiative that works with communities across Maine, spreading information and promoting access to college for populations who could benefit the most from higher education, the article states. It was established at the University of Maine in 1990. “Patrick has a gift for recognizing natural talents in others, and he has gotten to know the people of northern Maine as well as their needs, hopes and dreams,” said Karen Keim, director of MEOC.

Media cover dedication of ocean engineering laboratory

24 Nov 2015

The Associated Press, WABI (Channel 5), MPBN, [Lewiston Sun Journal](#), WVII (Channel 7), [Bangor Daily News](#) and the [Mainebiz](#) reported on the unveiling of a new ocean engineering facility at the University of Maine. The laboratory will allow companies to test designs for offshore wind turbines, underwater turbines and ships against the toughest ocean conditions, according to the BDN. During the dedication ceremony, Gregory Powell, chairman of the Harold Alfond Foundation, gave the center a check for \$3.9 million, joining the nearly \$10 million already raised to build the lab, the BDN reported. In recognition of that award, the university named the new center the Harold Alfond W2 Ocean Engineering Laboratory and Advanced Manufacturing Laboratory, which will be part of the existing Advanced Structures and Composites Center. “These will be the only [test facilities] of their kind in Maine with world-class capabilities to educate students and conduct cutting-edge research and development,” said Habib Dagher, executive director of UMaine’s Advanced Structures and Composites Center. “The [research and development] will support the growth of the ocean economies and shipbuilding sectors in Maine and the nation.” WGME (Channel 13 in Portland) and SFGate carried the AP report.

UMaine Football coach to transfer to administrative position, media reports

24 Nov 2015

The Associated Press, [Bangor Daily News](#), The Sun Journal, [Portland Press Herald](#) and WABi reported on University of

Maine head football coach Jack Cosgrove's announcement that he will transition from his coaching role to senior associate director of athletics at UMaine. "I am honored to accept this position and embrace an opportunity to work toward a new vision for UMaine athletics," said Cosgrove. "I am excited by Karlton Creech's leadership and commitment to excellence. I believe, together, we can profoundly influence the future of UMaine athletics." [USAToday](#) carried the AP report.

International support lent to install surface at Witter Farm

24 Nov 2015

With support from several industry leaders in the United States and around the world, the University of Maine's J. Franklin Witter Teaching and Research Center installed a horse surface in its arena area. The new surface was installed in October 2014 at Witter Farm, a facility used by animal science and equine studies students. The surface is used as a riding hall, as well as to quarantine horses when necessary. "This surface is a unique opportunity for UMaine to be a leader in providing more consistent surfaces to enhance the safety of the horse and rider while minimizing the environmental impact," says UMaine professor of mechanical engineering Mick Peterson. The surface consists of 80 tons of sand, 15 bales of fiber and about 500 gallons of polymer. Donors of the project were associated with the Racing Surfaces Testing Laboratory, which is led by Peterson. Karen Leeming of New York-based FootingFirst, LLC, a leader in the development of synthetic equestrian footing, sourced and donated support for the the cost of the sand, as well as helped determine the surface's maintenance, according to Peterson. Michelman, a specialty chemicals manufacturer in Cincinnati, donated the polymer track coating, and Bacher Products in Birstadt, Germany donated the fiber. Wolfgang Bacher, owner of Bacher Products, is a leading supplier for the industry and provided fiber for many arena surfaces including some that were used in the Olympics and World Equestrian Games to many of the home and club arenas located throughout the world, Peterson says. "This is a state-of-the-art surface which will be used as a part of ongoing research on the durability and maintenance of the surfaces and the materials used in the surfaces," Peterson says. This year, a mechanical engineering capstone design group is working on the design of a new piece of maintenance equipment for the experimental surface. The design of the arena at Witter is now the basis for a larger and more high-profile experimental arena surface at Myerscough College in England, according to Peterson. Several speakers attended the inauguration of the new surface including Peterson; Sarah Jane Hobbs, a reader in equine biomechanics at the University of Central Lancashire in the United Kingdom; and Jeff Thomason, a professor in the Department of Biomedical Sciences at Ontario Veterinary College, at the University of Guelph in Canada. The first author on the [Equine Surfaces White Paper](#), Hobbs' research interests include the kinetics and kinematics of equine gait, equine surface mechanics and hoof-horse-surface interactions. An instructor in equine anatomy, Thomason's research interests include the biomechanics of the mammalian musculoskeleton and mechanics of locomotion in horses. Peterson, the senior author on the Racing Surfaces White Paper, studies experimental constitutive properties and characterization of materials, as well as biomechanics of animals.

Orono Bog Boardwalk receives \$30,000 grant

25 Nov 2015

The [Orono Bog Boardwalk](#) reconstruction campaign has received a \$30,000 grant from the Maine Timberlands Charitable Trust established by the late Barbara Wheatland. This grant, the result of a competitive proposal, constitutes sponsorship of an interpretive station and five Boardwalk sections. It supports a major part of Phase 3A of the Boardwalk reconstruction, which will replace 48 deteriorating sections of the Boardwalk with composite sections, aluminum sidings, and stainless steel footings. "The support of the Maine Timberlands Charitable Trust is much appreciated and helps move us toward completion of the next phase of Boardwalk reconstruction," said Jim Bird, director of the Orono Bog Boardwalk. In 2014, the Maine Timberlands Charitable Trust also awarded the Boardwalk \$20,000. In the past five years, Boardwalk volunteers have raised the necessary funds to replace the first 252 sections. Boardwalk reconstruction is now at the halfway point. Boardwalk volunteers will continue to raise funds and do the work required to complete the reconstruction by the end of 2017.

Sandweiss quoted in article about the origins of Thanksgiving Dinner

25 Nov 2015

Daniel Sandweiss, a professor of anthropology and Quaternary and climate studies at the University of Maine, was quoted in a CNN [article](#) "Probing ancient mastodon dung, scientists discover early humans had a lot to do with saving Thanksgiving dinner." Sandweiss said the [study](#) referenced in the article is a reminder of the impact even a tiny population like these ancient ancestors could have on what's on our table thousands of years later. "Humans have such a large and sometimes unexpected influence on economies and ecosystems," Sandweiss said. "The squash we have today are remaining representatives of this genus of plant which otherwise would have been in trouble for survival because of the changing landscape. It's fascinating to think what impact human intervention can have even through the depth of time."

Blackmer mentioned in MPBN article, waste disposal

25 Nov 2015

Travis Blackmer, research associate in UMaine's [Senator George J. Mitchell Center for Sustainability Solutions](#), was interviewed in a MPBN article looking at how Maine can better manage its waste. Blackmer worked with Sen. Tom Saviello, co-chair of the legislature's Environment and Natural Resources Committee, to look at how other states and municipalities have improved their recycling rates. "We have things like the polystyrene foam ban in Portland, polyethylene bags in Westport Connecticut, York recently, York Maine," says Blackmer. "California as well. And then things like single serve PT bottles being banned in Concord, Massachusetts." According to the article, Maine's goal of reaching a 50 percent recycling rate last year fell short, and is now estimated to be around 35 percent.

Tallest American chestnut tree in North America discovered in Lovell, Maine

25 Nov 2015

Foresters with the Maine Forest Service and the University of Maine have measured what is believed to be the tallest American chestnut, *Castanea dentata*, tree in North America, exceeding the height of the next-tallest known tree by a full 20 feet. The 115-foot-tall tree is growing in a reserved forest in Lovell, Maine on land bequeathed to the University of Maine Foundation. The Volk family owned the property for more than 100 years prior to donating it to the foundation. Douglas Volk (1856–1935) was a famous American portrait and landscape painter. The discovery of this tree is significant, as the species has been ravaged by an invasive blight. It is estimated that there are only a few dozen large surviving trees. The American Chestnut Foundation (TACF) is a nonprofit conservation organization working to restore the American chestnut species to its native range — the eastern woodlands of the U.S. Using a backcross breeding process, TACF is racing to discover what few remaining native American chestnut trees still exist in an effort to conserve the genetics, and to learn about the soils and forest conditions in which they are growing. [caption id="attachment_46138" align="aligncenter" width="625"]



Photo by Joe

Klementovich[/caption] The Maine Chapter of The American Chestnut Foundation has partnered with the Barbara Wheatland Geospatial Analysis Laboratory at the University of Maine to use remote sensing from airplanes to help locate unknown trees. An official measurement of the tree will take place Dec. 2. Expected to be on hand are TACF President and CEO Lisa Thomson, TACF geneticist Jared Westbrook, UMaine forest scientist Brian Roth, along with representatives from the Maine Forest Service and the University of Maine Foundation. Once the mighty giants of the eastern forest, American chestnut trees grew up to 100 feet tall and numbered in the billions. From Maine to Georgia, the tree was a vital component of eastern forests, providing abundant food for wildlife and serving as an economic staple for humans. In the beginning of the 20th century, the fungal pathogen responsible for chestnut blight was accidentally imported into the U.S. from Asia and spread rapidly. By 1950, the fungus had eliminated the American chestnut as a mature forest tree. In 1983, a committed group of scientists and volunteers decided to do something about this ecological disaster while the species could still be saved. They formed The American Chestnut Foundation and initiated a complex breeding program to transfer genes containing disease resistance from Asian chestnut species to American chestnut. In just 20 years, they began to produce the first generation of trees that are 96 percent American chestnut and contain Asiatic genes for blight resistance. Now supported by more than 5,000 members and hundreds of volunteers in 23 states, the organization is planting and testing offspring of those trees in an effort to build and improve the breeding population. With the aid of many partner organizations, TACF is leading the restoration of an iconic species once on the brink of extinction. The American Chestnut Foundation is headquartered in Asheville, North Carolina, with three regional offices located in Charlottesville, Virginia, South Burlington, Vermont, and State College, Pennsylvania. The organization's research farm in Meadowview, Virginia has more than 50,000 trees planted in various stages of development.

UMaine tests Norway spruce to see if it makes the cut for construction

30 Nov 2015

University of Maine scientists are testing wood from some of the 3 billion trees the Civilian Conservation Corps planted during the Great Depression. Staff and students at the UMaine Advanced Structures and Composites Center are evaluating strength values (including bending and tension) of about 1,200 pieces of lumber milled from Norway spruce that grew in Maine, Vermont, three regions of New York and Wisconsin. Seedlings of Norway spruce — a species not native to the U.S. — were planted in the 1930s and 1940s during President Franklin Delano Roosevelt's CCC program that put unemployed men to work and promoted conservation. Stephen Shaler, director of the School of Forest Resources and associate director of the Advanced Structures and Composites Center, is the project's principal investigator. He and colleagues are testing Norway spruce to determine if it meets industry standards and thus can be included in the Spruce-Pine-Fir South grouping of wood species for construction-grade dimensional lumber.

Preliminary results, he says, look promising. Norway spruce adapted to various soil conditions and grew relatively quickly and well in the cold Northeast climate, says Russell Edgar, wood composites manager at the UMaine Composites Center. And its inclusion in the SPF South grouping would mean that some of those 3 billion trees could enter the North American lumber economy for the first time in history. Edgar says it's great to see renewed focus on wood products from the state being tested at the Advanced Structures and Composites Center that could have a positive effect locally and nationally. "We're very excited to do this type of work and assist industry in the state, region, country and beyond. It's right in our wheelhouse," says Edgar. Jeff Easterling, president of Northeastern Lumber Manufacturers Association (NELMA), says the potential to introduce Norway spruce into the lumber market represents what's close to a once-in-a-lifetime opportunity. "It's a big deal. This is the first new U.S. species to be tested in over 80 years. There's not a lot of new species available for construction material, so historically ... it's very significant on a lot of fronts," he says. "The excitement level they (UMaine researchers) have for this project has been incredible ... It just leads to a lot of good relationships with our organization and the industry itself." While Norway spruce has long been approved and is used regularly for construction in Europe, it needs to be tested here because of differences in U.S. and European climate and soil. UMaine's ISO 17025 accredited testing laboratory is a valuable resource to NELMA and the industry, says Easterling. Easterling and Edgar say it's prime time to harvest Norway spruce that were seedlings in the '30s and '40s. Those trees are now 80–100 feet in height and their diameter at breast height ranges from about 16 to 26 inches. It's gratifying that efforts undertaken in the Depression-era could prove to be a boost for today's economy, says Easterling. "We're reaping benefits of what they (CCC) did," he says. "It opens up a broader wood basket for mills in the Northeast." There's a significant volume of this material that will immediately be available as a wood resource once the strength values are approved." Edgar says landowners with merchantable-sized Norway spruce trees could sell their large Norway spruce trees to mills. Jethro Poulin, sales manager at Milan Lumber Company in New Hampshire, says procuring more lumber translates into added hours for workers, increased lumber production and potentially more jobs. Alan Orcutt, mill manager at J.D. Irving's Dixfield Sawmill in Maine, agrees. And extra lumber volume could enhance East Coast mill operations' ability to compete, says Orcutt, a UMaine graduate who majored in history. The project also benefits students. Benjamin Farber, a UMaine undergraduate from Danbury, Connecticut, says being a research assistant on the project has been one of his best academic experiences. "I'm learning a lot about the mechanical properties of wood — this is basically my entire field put into this one trial and I'm able to learn step-by-step what's going on and why it is important to my field," says the forest operations, bioproducts and bioenergy major who's concentrating in wood science. "Not only that, but it is helping me get a head start for what I want to do at graduate school here at UMaine." In addition to training the next generation of wood scientists, Shaler says the project is positive for a number of stakeholders — UMaine, landowners, the lumber industry, the economy and state and federal government. "The university is really important in its support of the forest products industry in the sense that we combine with industry, we combine with the federal government, we combine with the state government to be able to answer some of those questions that aren't proprietary for a single mill or single company ... they're more industrywide," he says. The forest industry is one of many that works with UMaine, says Habib Dagher, director of the UMaine Composites Center. "In addition to the exciting Norway spruce testing project, the Advanced Structures and Composites Center is currently working on nearly 200 research and development programs with companies across Maine, the U.S. and the world," says Dagher. "Our students interact with these companies and get paid to work on cutting-edge products and concepts." To watch and listen to a video about the project: [youtube.com/watch?v=n9ZOuBOkR_Y](https://www.youtube.com/watch?v=n9ZOuBOkR_Y) Contact: Beth Staples: 207.581.3777

Sonja Birthisel: Helping farmers prepare for a changing climate

30 Nov 2015

Sonja Birthisel, Ph.D. ecology and environmental sciences student, is committed to helping farmers better understand and plan for the future, specifically challenges they may face in light of climate change. This year, Birthisel was awarded the prestigious Correll Fellowship for the 2015–16 academic year. She graduated with an M.S. in ecology and environmental sciences at UMaine in 2013, and began her Ph.D. studies in fall 2014. Birthisel's research, which focuses on how climate change may impact agricultural ecosystems in the Northeast, includes mathematical modeling, applied field research testing and agricultural weed management strategies that may benefit organic farmers. Weeds are a top frequent management problem on vegetable farms, especially organic ones, says Birthisel. Her research has the potential to help organic and low-input farmers become more profitable and sustainable. Her interest in agriculture was sparked at an early age when she worked on a small organic farm in Maine during middle and high school. While an undergraduate

biology student at Luther College in Iowa, Birthisel observed the impact large-scale agriculture can have on the surrounding ecosystem. “I learned how the corn and soybean fields surrounding Luther’s campus are major contributors to environmental catastrophes including climate change, oceanic dead zones, and the decimation of Iowa’s native ecosystems,” said Birthisel. “This made me appreciate the mindful, diversified, much more sustainable system of agriculture practiced on the organic farm I had worked at back home in Maine.” Eric Gallandt, professor of weed ecology and management, is Birthisel’s advisor. “Eric’s passion for helping Maine farmers be successful is a guiding force in our lab, and I really appreciate that the work that we do tends to be practical, with immediate real-world benefits,” said Birthisel. Birthisel values that Gallandt encourages his students to work hard, and to have a healthy work-life balance. Which is good, because Birthisel has a long list of hobbies. She enjoys singing with the Oratorio Society at UMaine, various forms of dance, acrobatic yoga, inter-faith activities at the Wilson Center, gardening, knitting, sewing, reading and walking in the woods with her dog. One of Birthisel’s most-rewarding research experiences was getting her first paper published in a peer-reviewed journal. The paper, published in the journal *Biological Control*, described a study in which she tied up ground beetles on fishing wire “leashes” in order to measure predation by higher-order predators, which she says is a highly novel method. “Having it immediately accepted felt like a huge validation of my scientific creativity,” said Birthisel. “It’s really exciting to learn something new about how the world works, and be able to share that with the scientific community.” The Correll Fellowship includes a \$25,000 award, a 12-month stipend of \$19,500, a tuition waiver for as many as 19 credits and full health insurance during the 2015–16 academic year. “It’s a tremendous honor, and I’m so grateful to all the people who have contributed to my education and helped me arrive where I am today,” said Birthisel. “The interdisciplinary EES program has allowed me to choose a customized course load that has been both fun and intellectually challenging. My adviser Eric Gallandt has been the best mentor I could have asked for.”

UMaine announces program to support college-bound Mainers with grants, scholarships

30 Nov 2015

The University of Maine has announced a commitment to match Maine families’ financial aid offers from any other New England land grant universities as part of a push to continue educating Maine-raised students in the state. Under its new Maine Matters Program, the university will review financial aid offers from other New England land grant universities, providing grants to match the net cost of tuition and fees, and room and board. The match program builds on a strong foundation of scholarships for in-state students. Maine students who are accepted to UMaine are automatically considered for merit-based scholarships, which means every acceptance letter will offer either a \$500 Maine Matters Award, or a merit scholarship worth \$2,000– \$8,000, renewable for up to four years. “The Maine Matters Program is a demonstration of the university’s commitment to serving and supporting Maine students and their families. Cost will not be a factor for any college-bound Mainers considering attending a land grant university outside of the state,” says Joel Wincowski, UMaine’s interim vice president for enrollment management. “Educating our Maine students in the state allows them to set their roots here and build the foundation for a successful career in Maine.” New England land grant universities include University of New Hampshire, University of Massachusetts Amherst, University of Connecticut, University of Vermont, University of Rhode Island, MIT and University of Massachusetts Dartmouth. To be considered for the Maine Matters Program and merit scholarships, students must apply to the university by Feb. 1, 2016. Students who file a FAFSA by March 1 will also be evaluated for an increased Maine Matters Award based on financial need, as well as other federal and state need-based aid they may be eligible for. To qualify for one of four merit-based scholarships, Maine residents must meet the following criteria:

Scholarship Name	Criteria	Amount
Presidential	Top of Class or H.S. GPA >= 3.0 & SAT Score >= 1400	\$8,000 per year
Flagship	H.S. GPA >= 3.0 & SAT Score >= 1280	\$6,000 per year
Dean’s	H.S. GPA >= 3.0 & SAT Score >= 1200	\$4,000 per year
Black Bear	H.S. GPA >= 3.0 & SAT Score >= 1100	\$2,000 per year

“We are excited to offer these awards to Maine students, and look forward to welcoming them to the University of Maine next fall,” Wincowski says. Contact: Jennifer O’Leary, 207.515.3341

Sprague’s piece on aging reprinted by BDN

30 Nov 2015

The [Bangor Daily News](#) reprinted a piece Ben Sprague wrote for the Maine Policy Review’s issue on aging. Sprague, who serves on the Bangor City Council, writes the city of Bangor has realized “that older Americans have a lot to offer in terms of raw economic output, mentorship and life perspective. Bangor has been ranked one of the top places to retire in the country by Forbes Magazine and one of the best places to retire on less than \$30,000 per year by AARP.” The Maine Policy Review is a publication of the Margaret Chase Smith Policy Center at the University of Maine.

Sun Journal lauds Cosgrove for loyalty

30 Nov 2015

Jack Cosgrove was heralded for his 23-year legacy to the University of Maine football program in a Sun Journal column. Cosgrove is transferring from his role as football coach to one as senior associate director of athletics. “Coach Cos showed an entire state the value of a college football program when one man is fully invested. It would be a joy to watch the results if all the stakeholders followed suit,” writes Kalle Oakes.

Sandweiss cited in Hakai Magazine article

30 Nov 2015

University of Maine archaeologist Dan Sandweiss talked with [Hakai Magazine](#) for an article titled “The Civilizing Power of Nature” that indicates extreme weather may have created opportunities for radical transformation of Peruvian coastal life. While studying ancient societies along the Peruvian coast, Sandweiss found evidence that El Niño may have spurred the rise of the New World’s earliest cities, and triggered their fall. “You don’t get through environmental and climatic change without changing your culture,” Sandweiss was quoted as saying.

BDN reports on shortnose sturgeon migration

30 Nov 2015

The [Bangor Daily News](#) reported University of Maine researchers have documented that three tagged female shortnose sturgeon moved upstream into a stretch of the Penobscot River above the former Veazie Dam — a step in the recovery of the species that’s listed under the federal Endangered Species Act. “For us, we think it’s very encouraging that we’re seeing fish start to explore regions of the river past the [former] dam, up to the portions that we think spawning might happen,” says Michael Kinnison, professor in the University of Maine school of biology and ecology. “Those are the sort of forays that fish could take this time of year that could lead to [spawning].”

Sandweiss quoted in ScienceNews article, earliest New World settlers

30 Nov 2015

Daniel Sandweiss, a professor of anthropology and Quaternary and climate studies at the University of Maine, was quoted in a [ScienceNews](#) article about earliest New World settlers. Researchers have discovered 39 stone artifacts in Monte Verde, Chile, nine of which date to between at least 18,500 and 17,000. The discovery challenges a popular view in archaeology that people entered South America no earlier than 15,000 years ago. The discoveries at Monte Verde point to a new kind of site that needs much more study to understand when people first reached the Americas, explained Sandweiss. According to the article, four stone artifacts were found in the soil dating at least 25,000 years ago. But more evidence is needed to confirm that humans visited Monte Verde and other South American sites before 20,000 years

ago, scientist says.

Create delicious local gifts with UMaine Extension

30 Nov 2015

University of Maine Cooperative Extension will offer a workshop on making gifts with local foods from 10 a.m. to 1 p.m. Saturday, Dec. 19, at the UMaine Extension Cumberland County office, 75 Clearwater Drive, Falmouth. Participants will make spiced cranberry-pear jam, cranberry rice pilaf mix and cranberry granola, featuring local cranberries and Maine grains. Participants will be able to take home a jar of each product, as well as recipes and Mason jar-shaped wooden gift tags. Kate McCarty, Extension food preservation community education assistant, will lead the workshop, which is part of the "From Scratch, Your Maine Kitchen" cooking series. Cost is \$40 per class. Register online. For more details, or to request a disability accommodation, call 207.781.6099, 1.800.287.1471 (in Maine) or email extension.rlreception@maine.edu.

Food industry entrepreneurs can commercialize at UMaine's Food Pilot Plant

01 Dec 2015

<https://www.youtube.com/watch?v=DXpSwXnAoPE&feature=youtu.be> [Transcript](#) Whether you are an entrepreneur, a farmer, a food processor or a small business transitioning to commercialization, the University of Maine's Food Pilot Plant may be a resource for you. Located in Hitchner Hall, the [Dr. Matthew Highlands Food Pilot Plant](#) offers services to enhance product lines, create value-added foods or scale up recipes for commercial production. The state-of-the-art research facility is equipped with a variety of food processing equipment, including a pasta maker, meat chopper, dehydrator, blast freezer, steam cooker, cheese making equipment and packaging equipment. In addition, the facility contains a state-licensed commercial kitchen that serves as a teaching laboratory for food-science and human-nutrition students, and as a place where home businesses can package and produce food products. In this video, plant manager Michael Murphy talks about the commercial kitchen and some of the equipment available at the plant. To learn more visit the pilot plant's [website](#). For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** The Pilot Plant is a research-based facility, in our case a food research-based facility. We have very specific pieces of equipment, food processing equipment, that people can use, either people in the food science department or on campus, as well as people in the outside industry. We have a belt driven convection steam cooker, which is good for cooking seafood such as shrimp, lobster and crab, as well as blanching vegetables. The belt is set for a certain time, and the steam is set at a certain temperature so we get a perfect cook. We have a commercial smokehouse, we also have some cheese making equipment. We have some potato processing equipment. We have a two bay vacuum sealer, which is good for vacuum packaging. It removes the air from the bag. You can package fruits and vegetables, seafood. We have a blast freezer, which is capable of going to -30 degrees Fahrenheit, and it's really good for shelf stability. As soon as its cooked, we want to cool it as soon as possible, so we will move it to the blast freezer, and it will freeze probably within 10 to 20 minutes, then you are able to retain that freshness of the product. The commercial kitchen is mainly a teaching type of lab, for the food science department, and nutrition as well. But it's also a state licensed facility. So home businesses can come in package and produce certain things for sale such as jams, jellies, salsas, pickles. We are targeting people who maybe at that really beginning stage of bridging the gap between a home operation and going towards commercial production. [Back to article](#)

UMaine Extension workshop to focus on family farm transfers

01 Dec 2015

University of Maine Cooperative Extension will offer a workshop about transferring family farms and forest product businesses from 9 a.m. to 3:30 p.m. Tuesday, Dec. 8, at Waterville Elks Club, 76 Industrial St. The workshop's focus is to help families minimize risk and make informed decisions about intergenerational business transfers. Topics include determining goals for transition, retirement and estate planning, and protecting and transferring assets. Scheduled presenters are Mike Sciabarrasi, University of New Hampshire Extension professor; Paul Dillon, an attorney who specializes in estate and transfer planning; and Gary Anderson, UMaine Extension animal and bio-sciences specialist.

The workshop is offered with support from Extension Risk Management Education and the USDA. The \$20 fee includes lunch. Registration is [online](#). To request a disability accommodation, contact Melissa Libby at 581.2788. For more information, contact Anderson at 581.3240 or garya@maine.edu.

Three jazz-related events slated Dec. 3

01 Dec 2015

The University of Maine Humanities Center and Collins Center for the Arts invite the public to enjoy and learn about jazz at three related jazz events Thursday, Dec. 3. A 5 p.m. reception will be held in Miller's Cafe at the CCA before a free 5:30 p.m. demonstration and discussion by UMaine students led by Jack Burt, director of the UMaine Jazz Ensemble, in Minsky Recital Hall. A 7 p.m. performance of Big Band Holidays: Jazz at Lincoln Center Orchestra with Wynton Marsalis is slated at the CCA. Tickets for the CCA show are available [online](#). For more information on the jazz events, visit the UMaine Humanities Center website or contact Liam Riordan, UMHC director, at liam.riordan@umit.maine.edu or 581.1913.

Pettigrew quoted in Press Herald article on approval of oil exploration

01 Dec 2015

The [Portland Press Herald](#) reported Norwegian energy giant Statoil received approval to explore for oil in an area next to the Georges Bank and the entrance to the Gulf of Maine. Environmentalists fear drilling could leave the ecologically sensitive Gulf of Maine susceptible to a catastrophic oil spill, according to the article. Neal Pettigrew, a professor of physical oceanography at the University of Maine, said the depth of an incident would likely be a key element. A near-surface blowout that resulted in oil or gas spilling in the upper 200 meters would have a fairly good chance of being pulled or blown into the Gulf of Maine system, whereas a bottom spill at 2,000 meters probably would not, the article states. "It depends on where it comes out," Pettigrew said. "But, yeah, you could definitely even get some of it going into the Gulf."

Maine Ice Age Trail map, app featured in Ellsworth American

01 Dec 2015

[The Ellsworth American](#) reported on "Maine's Ice Age Trail: Down East, Map and Guide," which is available in print and as an iPhone app. The map was developed, in part, in 2006 by Hal Borns, professor emeritus of glacial and quaternary geology and founder of the University of Maine Climate Change Institute. The map shows how the Ice Age sculpted the Down East region into today's mountains, cliffs, barrens, coastlines and lakes. It details about 50 locations between Ellsworth and Eastport where amateur geologists can find those features, according to the article.

McConnon, Calder speak with BDN about rise of home-based businesses

01 Dec 2015

Jim McConnon, a professor of economics at the University of Maine and with the University of Maine Cooperative Extension; and Beth Calder, a UMaine Extension food science specialist and associate professor of food science, spoke with the [Bangor Daily News](#) for the article, "Inside Maine's growing cottage industry." "Home-based businesses are on the rise in Maine, especially in the cultural [and] food sector," said McConnon, who estimates that 69,000 businesses are home-based, which equates to just over 5 percent of the state's population. The state's food revolution also is propelling a range of domestic businesses, according to the article. "It's an easy process," Calder said about the rules for launching an edible cottage business.

UMaine study on medical costs related to obesity cited in Reuters report

01 Dec 2015

A 2012 University of Maine study by economist Todd Gabe was cited in the [Reuters](#) article, “Maine proposes ban on junk food purchases with food stamps.” Gabe’s study put the annual medical costs of obesity in Maine at \$452.7 million, according to the article. [New York Post](#) also published the Reuters report.

Slate quotes Gill in article on Paris climate talks, fate of oceans

01 Dec 2015

Jacquelyn Gill, a palaeoecologist at the University of Maine, was quoted in the [Slate](#) article, “Remember the Oceans! The most important consequence of the Paris climate talks will be the fate of the oceans.” More than 140 world leaders, including President Obama, are meeting in Paris for a two-week conference on climate change, according to the article. However, they won’t be discussing the effect of climate change on the world’s largest and most important ecosystem: the oceans, the article states. The author spoke with Gill for a perspective on mass extinctions. “Life is incredibly resilient, and it’s one of the things that gives me a lot of hope,” she said, “but at the same time, we are tweaking the knobs and dials of the planetary system in new ways and in much more rapid ways than it’s experienced in the past.” Barring relatively bold action in forums like the Paris meeting, Gill said she isn’t convinced that novel conservation methods will be enough to keep the oceans in a recognizable state by the end of the century, the article states. “There is such a thing as a point of no return in the environment,” she said. “My concern is, by the time we get governments and citizens on board, it’ll be too late.”

UMaine researchers discover tallest chestnut tree in North America, media report

01 Dec 2015

The Associated Press, [Bangor Daily News](#), [Sun Journal](#), [Maine Public Broadcasting Network](#) and [Portland Press Herald](#) reported foresters with the University of Maine and Maine Forest Service have measured what is believed to be the tallest American chestnut tree in North America, exceeding the height of the next-tallest known tree by 20 feet. The 115-foot-tall tree is growing in Lovell, Maine on land bequeathed to the University of Maine Foundation. UMaine researchers found the tree last summer during a flyover looking for signs of big trees, according to the BDN article. Brian Roth of UMaine’s School of Forest Resources said researchers spotted the white flowers that emerge in the canopies of chestnut trees around July. They marked the chestnut’s coordinates and went back on the ground with members of the UMaine Geographic Information System and Mapping Club to find the tree and take unofficial measurements, the article states. The tree’s discovery is significant, as the species has been ravaged by an invasive blight. It is estimated that there are only a few dozen large surviving trees. On Wednesday, officials from the American Chestnut Foundation, Maine Forest Service, UMaine and other groups will travel to the tree to take official measurements, the BDN reports. ABC News, Star Tribune and San Francisco Chronicle carried the AP report, and [NPR](#) carried the MPBN report.

Political science, math departments debut new websites

02 Dec 2015

The [Political Science Department](#), [Department of Mathematics and Statistics](#) and [University Training Center for Reading Recovery and Maine Partnerships in Comprehensive Literacy](#) are among the latest programs to upgrade to the university’s new website template. The new umaine.edu and related pages debuted in late August. For more information on the UMaine website conversion, contact Mike Kirby at mike.kirby@maine.edu or 581.3744.

2015 Senior Art Exhibition: The Ghosts of Carnegie Hall

02 Dec 2015

The University of Maine will open its 2015 Senior Art Exhibition, “The Ghosts of Carnegie Hall,” with a reception from 5:30 p.m.–7 p.m. Friday, Dec. 4 at the Lord Hall Gallery. The show runs until Jan. 22, displaying paintings, sculpture, photography, digital and other artwork created by 14 UMaine studio art majors graduating in December or in the spring. Student preparations for the show include supplemental presentations, artists’ statements, essays and hands-on

involvement in installing and marketing the show. The exhibit is designed to inform studio art majors, as budding career artists, how to get their work in front of the public. Members of the campus community are invited to meet the artists at the show's opening reception. Artists include Jill Pelto, Lucy Ericson, Andrea Rickards, Shannon Scarlett, Dawn Shain, Scott Powers, Devon Beland, Rebecca Morgan, Megan Carroll, Becky Aron, Christiana Becker, McKenzie Thibeault, Mary Hamilton and Renee Levasseur. The gallery is open 8 a.m. to 4:30 p.m. weekdays. Events are free and open to the public. For more information or to request a disability accommodation, contact the University of Maine Department of Art, 207.581.3245.

Yuletide Concert to feature more than 200 student musicians

02 Dec 2015

The University of Maine School of Performing Arts will present its annual Yuletide Concert at 2 p.m. Sunday, Dec. 6 at the Collins Center for the Arts. The holiday tradition features all the UMaine choirs including the Oratorio Society, University Singers, Collegiate Chorale and Black Bear Men's Chorus. This year, the choral ensembles will be joined by the University Orchestra in a program that ranges from Christmas music by Johann Sebastian Bach and Felix Mendelssohn, to arrangements of many favorite carols, to George Frideric Handel's "Hallelujah Chorus" and a new orchestration of "O Holy Night" by UMaine graduate student Ben McNaboe. About 200 singers and 45 instrumentalists are expected to take part in the performance that will be conducted by School of Performing Arts faculty Francis John Vogt, Anatole Wieck, Danny Williams and Justin Zang. Tickets are \$12, or free with a valid student MaineCard, and are available at the CCA box office, by calling 581.1755 or [online](#). For more information or to request a disability accommodation, call 581.1755.

Maine Edge previews December star shows at Emera Astronomy Center

02 Dec 2015

[The Maine Edge](#) advanced scheduled public star shows in December at the University of Maine's Emera Astronomy Center. At 11 a.m. Dec. 3, children ages 6–12 will have the opportunity to adventure into space with a curious Coyote in "Earth, Moon and Sun." For younger sky explorers, "Magic Treehouse: Space Mission," will be shown at 2 p.m. Sunday, Dec. 6. "Origins of Life," will play at 7 p.m. Dec. 4 and "Stars" at 7 p.m. Dec. 11. The final December public star show will be held Dec. 13 with "Cosmic Colors," a show that allows younger audiences a view of colors from the northern lights to flowers. Admission to all shows is \$6, and seating is limited. More information is [online](#).

Wrestling club featured in Bangor Metro

02 Dec 2015

Bangor Metro magazine published an article on the University of Maine wrestling club. Now in its third season, the club has about 20 members on its men's team and two women, including Samantha Frank, according to the article. Frank of Windham wrestled in high school and was offered a college scholarship at another school to wrestle, but at the time she decided to take a break from the sport. After eventually joining UMaine's wrestling club, she ended up beating a girl at nationals from the school that originally offered her the scholarship, the article states.

UMaine report cited in BDN article on global climate talks

02 Dec 2015

The University of Maine report, "[Maine's Climate Future: 2015 Update](#)," was cited in the [Bangor Daily News](#) article, "Why the global climate talks matter to Maine." This week, world leaders have convened in France for the 2015 U.N. Climate Change Conference with a goal of reaching an agreement about how they can reduce greenhouse gas emissions to slow the warming of the planet, according to the article. The UMaine study determined from 1895 to 2014, the average annual temperature in Maine rose by around 3 degrees, the article states. The article also cited a video on lobsters and climate change that was created by O'Chang Comics in partnership with the Maine Sea Grant Program at

UMaine. The video, which was based on the UMaine climate change report, explains how rising sea temperatures in southern New England have caused lobster populations in the area to drop.

Graduate student, Rwandan refugee shares story, Bowdoin reports

02 Dec 2015

[Bowdoin College](#) reported on a recent talk by University of Maine graduate student Prosper Ishimwe. Ishimwe, a Rwandan refugee, talked as part of Helmrich House's "Whoopie Pies with Mainers" speaker series. He shared his experiences growing up in Rwanda during the civil war and genocide, as well as life as a refugee in Maine, according to the article. Ishimwe has an undergraduate degree from the University of Rwanda and is pursuing a master's degree in global policy at UMaine, the article states. "Fear is the only enemy," he said. "People can come together, live together, when you overcome fear."

UMaine Extension savory pie class featured in Press Herald

02 Dec 2015

The [Portland Press Herald](#) reported on a recent workshop in the University of Maine Cooperative Extension's "From Scratch: Your Maine Kitchen" cooking series. The class, which was held at the UMaine Extension Cumberland County office in Falmouth, taught participants how to make savory pies including carrot, mushroom, kale and pesto cheesecake from fall and winter harvest vegetables. Extension educator Kathy Savoie led the workshop that focused on practical, accessible recipes that a cook could make for family and friends, according to the article.

Media cover UMaine student's lecture, book signing

02 Dec 2015

The [Bangor Daily News](#), WABI (Channel 5) and WVII (Channel 7) reported on a lecture and book signing by University of Maine student Nicole Maines and her father Wayne, director of safety and environmental management at UMaine. The Maines family is the subject of Pulitzer Prize-winning journalist Amy Ellis Nutt's book "Becoming Nicole: The Transformation of an American Family." Nicole spoke about her experiences as a transgender youth and Wayne spoke about the family's journey. "It was the first time that I've been able to say thank you to the people who supported us," Nicole told media after the lecture, calling the event a form of closure. "It's been a really rewarding experience and it's brought not only our family closer together, but people from around the world are sending us emails and letters saying 'Thank you so much. You're helping us learn,'" Wayne told WABI at the book signing. "And I think that's what needs to come out of the book, to get people who might not normally read it to read it and learn things they never thought possible. I had to."

AP quotes Brawley in report on Maine seaweed industry

02 Dec 2015

The Associated Press spoke with Susan Brawley, a professor of plant biology at the University of Maine, for a report on Maine's growing seaweed industry. Maine is the country's No. 1 seaweed producer, according to the article. The state now supports more than 20 companies that grow or collect seaweed, and Maine harvesters collected 17.7 million pounds of seaweed in 2014 — the most ever recorded for the state and more than four times the 2004 total, the article states. "More people are interested in sea vegetables, and a lot more Americans are a lot more savvy about eating nutritious foods," Brawley said. "There's no one profile a seaweed has, just like a tomato is not like a spinach." ABC News, [CBS News](#), [Sun Journal](#) and The Olympian carried the AP report.

Gill hails herbivores in Science Magazine

03 Dec 2015

Jacquelyn Gill writes about the downsizing of Earth's animals in "Learning from Africa's herbivores" in Science Magazine. The extinction of the planet's largest animals has resulted in cascading ecological impacts across the globe, says the University of Maine professor of paleoecology and plant ecology. Gill lauds Gareth Peter Hempson's new tool — herbivomes — to shed light on the ecological role of large herbivores at continental scales. Important insights about causes and consequences of extinctions may be gleaned through cross-continental analysis of herbivomes — which are constructed using animal diets, behavior, body size and relationships between animals and environmental characteristics, including soil properties and precipitation levels. "It's a creative way of classifying large herbivores by type, to understand what their impacts on their habitats are. It's like the Sorting Hat in Harry Potter," says Gill, "but the name of the game is to understand the role of zebras, elephants and other herbivores in their ecosystems." While it's too late to save the mammoths and woolly rhinos, Gill says this advancement could benefit their Serengeti cousins.

Cordero named assistant director of Hutchinson Center

03 Dec 2015

Jose Cordero III has been appointed the new assistant director for student and academic services at the University of Maine Hutchinson Center in Belfast. In his new role, Cordero will oversee student support services at the center, including academic advising, admissions, financial aid, academic accommodations, degree completion and career counseling. He also will play an integral role in connecting Hutchinson Center students and staff with the greater UMaine community and the University of Maine System by advocating for new and continuing student services, programs and resources. "I am thrilled to have Jose as part of the leadership team at the Hutchinson Center," said Patricia Libby, Hutchinson Center director. "His strong roots in the midcoast community, commitment to the University of Maine mission, and diverse experience in higher education will support the mission and vision of the Hutchinson Center." Cordero graduated from Rockland District High School, now Oceanside East, and received a bachelor's degree and master of education in higher education degree from UMaine. "Having been raised by a teacher and educated in the midcoast area, I know there are amazing educational opportunities available that can inspire students to become leaders here in Maine and beyond," Cordero said. "I am always eager to help students here realize their potential in college." Cordero brings 16 years of professional experience in higher education. He has worked in UMaine admissions, student life, multicultural affairs, academic advising and, most recently, three years in admissions at the University of California, Berkeley, in charge of Silicon Valley and New England recruitment and retention efforts.

Hutchinson Center to host Holiday Open House Dec. 8

03 Dec 2015

The University of Maine Hutchinson Center in Belfast will host a Holiday Open House from 4–6 p.m. Dec. 8. Prospective students and community members are invited to enjoy holiday cheer, tour the conference center, register for winter and spring classes, and learn more about current and future programs at the Hutchinson Center. Light refreshments will be served. The event is free and open to the public. UMaine representatives from the following featured programs will be available:

- The Adult Degree Completion Program and Bachelor of University Studies
- Early college programs for high school students
- Innovation Engineering Certificate Program
- Peace and Reconciliation Studies
- UMaine Online — graduate and undergraduate degrees
- MBA — online and live programs
- Master of Education in Literacy
- Master of Social Work — online and blended programs
- Hutchinson Center Scholarship Program

Representatives from the Finance Authority of Maine (FAME) and Maine Education Opportunities (MEOC) also will be available to provide information regarding financial opportunities. For more information, contact the Hutchinson Center at 338.8000 or visit the [website](#).

Maine Edge advances 4-H Science Saturday on winter ecology

03 Dec 2015

[The Maine Edge](#) published a University of Maine news release about the University of Maine Cooperative Extension 4-H Science Saturday from 10 a.m. to 1 p.m. Dec. 5 that will explore the ecological side of winter. Students in the UMaine School of Forest Resources will lead hands-on activities at outdoor stations at Braeside, the historic home of Edith Patch, an author and pioneer in entomology.

Johnson speaks about UMMA Winter Art Factory on WABI

03 Dec 2015

Kat Johnson, education coordinator at the University of Maine Museum of Art in downtown Bangor, was a recent guest on WABI (Channel 5). Johnson spoke about the museum's Winter Art Factory set from 11 a.m. to 3 p.m. Saturday, Dec. 5. The art-making event will include several stations for wrapping, creating ornaments and other seasonal projects. The family-friendly event is free and open to the public. "We hope to bring out all members of the community, so everybody is welcome," Johnson said, adding supplies and guided instruction from volunteers, including students from UMaine's Bodwell Center for Service and Volunteerism, will be provided. Johnson also spoke about the event on WVII (Channel 7).

Media cover official measurement of North America's tallest chestnut tree

03 Dec 2015

The [Portland Press Herald](#), [Sun Journal](#), [Maine Public Broadcasting Network](#) and [WMTW](#) (Channel 8 in Portland) reported on the official measurement of what is believed to be the tallest American chestnut tree in North America. University of Maine researchers found the 115-foot-tall tree in Lovell, Maine last summer during a flyover looking for signs of big trees. Brian Roth, associate director of the Cooperative Forestry Research Unit (CFRU) at UMaine, several other scientists, forestry officials and members of the American Chestnut Foundation returned to the tree Wednesday to take measurements and make official what was suspected this summer, according to the Press Herald article. The tree is second only to the tallest known specimen in the world, a 121-footer in an arboretum in Belgium, the article states. "If this keeps growing, it will surpass that," Roth said. The tree's discovery is significant, as the species has been ravaged by an invasive blight. Scientists estimate there were 4 billion American chestnut trees in 1900, and now, Roth figures there are only about 200 left in Maine — and 50 of those have been transplanted in an effort to restore the species, the article states.

Poliquin meets with human nutrition, food science graduate students

03 Dec 2015

U.S. Rep. Bruce Poliquin, who represents Maine's 2nd District, met with nine University of Maine graduate students on the Orono campus in November. The students are dietetic interns studying human nutrition and food science in the School of Food and Agriculture. They are completing a public policy project as part of their degree requirements. Three of the interns, Mikiko Marzilli, Renae Al-Fdeilat and Huong Ly Nguyen, are interested in helping Poliquin gain support for the Fruit and Vegetable Access for Children Act he wrote and introduced into the House of Representatives in September. The bill would amend the current program to include the use of canned, dried, frozen or pureed fruits and vegetables to broaden choices available to students and help schools take advantage of locally grown produce. David Yarborough, a wild blueberry specialist with the University of Maine Cooperative Extension and representative of the Wild Blueberry Commission of Maine, also attended the meeting, along with other dietetic interns, Chantel Banus, Zakkary Castonguay, Tara Gould, Marissa Rublee, Amy Ryan and Grace Violette. Poliquin said his passion for the bill stemmed from his time spent raising his son and the concern he had for his son's and other children's nutritional health, especially children experiencing economic hardship. The bill would have a positive environmental effect, allowing schools to purchase more in-state produce and reducing the need for transportation of fresh fruit and vegetables across

state lines during nongrowing seasons, he said. Yarborough added that freezing options would be good for delicate fruits, such as wild blueberries and strawberries, which are difficult to transport at their peak. Plus, freezing locks in nutrients and preserves nutritional quality. An added benefit to Maine's economy could be a potential increase in market demand from schools across the nation for local Maine berries, Poliquin said. Poliquin emphasized the importance of students like the graduate dietetic interns advocating for legislation related to their expertise.

Maine Policy Review releases 'Special Issue on Aging'

03 Dec 2015

Maine, which is the oldest state in the nation in terms of median age and has more baby boomers per capita than any other state, can be a leader in addressing the issues of an aging population, according to the recently published issue of Maine Policy Review. "This special issue was prepared to serve as a much-needed comprehensive policy resource to spur informed discussion and decision making as we address the challenges and opportunities of an aging Maine," says the issue's guest editor Len Kaye, director of the University of Maine Center on Aging. The 128-page "Special Issue on Aging" was a collaborative effort between the Center on Aging and the Margaret Chase Smith Policy Center which publishes the journal. Kaye and Maine Policy Review editor Ann Acheson assembled and worked with a distinguished group of contributors including academics; local, state and national policymakers; business, nonprofit and philanthropic leaders; and representatives from the medical and legal professions. In the Margaret Chase Smith Essay that opens the issue, U.S. Sen. Susan Collins echoes a theme that runs through many of the articles, noting that the state is faced with a "silver tsunami" of retirees as the baby boomer generation ages. Articles cover topics ranging from health care, housing, technological innovation, transportation, and the economic implications of Maine's demographic structure to creativity and aging, older adult leadership, age-friendly communities, the response of higher education, and the role of philanthropy in responding to community aging. The authors explore the policy and planning implications of the aging demographic in the context of Maine's status as not only the country's oldest but also its most rural state. "Maine's story is especially important because the majority of aging-related policy discussion continues to emphasize the experiences of individuals as they age in metropolitan regions and urban settings. Lost in the shuffle, all too often, are the consequences of population aging in small towns and rural communities," Kaye says. "No dimension of daily living can escape the ramifications of demographic change — not just the economy, but also education, health, housing, law, transportation, communications, recreation and leisure, community life, and employment." The special issue of Maine Policy Review builds on the momentum created by recent aging-related developments in the state, including UMaine's designation of aging research as an emerging area of excellence as well as the establishment of the annual statewide Maine Summit on Aging. Maine Policy Review publishes independent, peer-reviewed analyses of public policy issues important to the state. The current issue and archival issues are available on UMaine's [Digital Commons](#). Contact: Ann Acheson, 207.581.1567

Holberton: Birds of a feather don't always migrate together

03 Dec 2015

The half-ounce songbirds that fly 1,800 miles nonstop over the Atlantic Ocean to winter in South America haven't had a lot to chirp about lately. The number of Blackpoll warblers (*Setophaga striata*) documented on the move through migration monitoring sites in the Gulf of Maine region has declined dramatically at some locations over the last 30 years. But until recently, scientists hadn't determined which of the breeding populations that span the entire North American boreal forest was responsible for this decline. To learn where and when specific breeding populations moved during migration, a research team led by University of Maine biologist Rebecca Holberton collected feathers from Blackpolls at multiple locations throughout North America during fall and spring migration. This study, she says, marks the first time scientists have determined a most likely explanation for why numbers of birds on migration have declined. "In the past much of the focus has been censusing birds either on the breeding areas or on the wintering areas," Holberton says. "But by being able to identify where birds are going and where they are coming from during migration, we can learn more about the reason why we see declines during this period. By determining where birds are throughout the entire life cycle, we can better target 'full life cycle' conservation efforts more effectively." The team analyzed feathers for naturally occurring chemical signals that indicate where the bird was when its feathers grew, says Holberton. The distribution of the chemicals, a stable form of a hydrogen isotope (deuterium) that occurs naturally in

rainwater and gets carried into the food chain, follows a distinct pattern across North America. By analyzing each feather's "isotope signature," the team could identify the bird's breeding location. Birds annually grow new feathers before flying to their wintering grounds. Blackpoll warblers captured and banded during fall migration in the Gulf of Maine region, including Manomet Bird Observatory on the coast of Massachusetts, carried stable isotope signatures that indicated they came from breeding populations in Alaska and western Canada, she says. Those breeding populations have shown the greatest and most rapid decline in North America, with many declining by 70–90 percent in the past decade. Over much of the same period, the same areas have experienced a rapid rate of deforestation due to harvesting and fires, says Holberton. Blackpoll warblers winter throughout the Amazonian River basin, an area also experiencing deforestation and habitat loss. During the project, the team also confirmed that, like many species of migrants, Blackpoll warblers have a so-called "loop migration." That is, their return flight from their winter sites to their breeding grounds in northern boreal forests is different than the path they take to get to the winter sites. In the fall, before they fly across the ocean to their wintering areas, Blackpoll warblers from all populations across the breeding range gather on the Atlantic coastline of eastern North America. In the spring, they all initially fly north into the southeastern U.S. But then birds from the eastern and western breeding populations diverge soon after entering Florida to head toward their respective breeding areas. Researchers Adrienne J. Leppold of UMaine and Steven L. Van Wilgenburg and Keith A. Hobson of Environment Canada also took part in the project. The team's paper titled "Isotopic ($\delta^2\text{H}$) evidence of 'loop migration' and use of the Gulf of Maine Flyway by both western and eastern breeding populations of Blackpoll Warblers" in the *Journal of Field Ornithology*, is available [online](#). Contact: Beth Staples, 207.581.3777

CCI collects ice cores from South Georgia, traces route of Sir Ernest Shackleton

03 Dec 2015

University of Maine researchers traced a portion of a route in the Southern Ocean made famous by polar explorer Sir Ernest Shackleton, whose 1914–1916 South Pole expedition aboard *Endurance* has been called one of the greatest survival stories of all time. Paul Mayewski, director of the Climate Change Institute, led a team to recover ice cores from one of the last sites potentially available in the South Atlantic region before records are lost due to melting. Graduate students Mario Potocki, Jeff Auger and Ben Burpee took part in the 4.5-week expedition. In November, the team returned from the 1,600-mile round trip with samples of ice cores and lake water. The samples will be examined to determine whether future drilling should be conducted. Deeper drilling, says Mayewski, could result in information about several thousand years of changes in climate and chemistry of the atmosphere in the Antarctic, sub-Antarctic and southern South America. Those details could be used to better predict the climate future of the Southern Hemisphere. While the spring conditions were challenging, including winds 50–70 knots (58–81 mph), they weren't as severe as what Shackleton faced a century ago. In 1915, *Endurance* became entombed in ice, was crushed and sank. The team initially camped on floating ice then used lifeboats to reach Elephant Island, off the coast of Antarctica. Shackleton returned to the ocean in a lifeboat to get help. He landed the lifeboat on South Georgia, traversed over the island to reach a whaling station and eventually found a vessel that rescued his fellow explorers. Mayewski and crew were aboard the 73-foot sailboat *Pelagic Australis*, a vessel specially constructed for the Southern Ocean. They accessed South Georgia at the same location first used by Shackleton, on the windward side of the island amidst heavy seas and surf. Mayewski and the UMaine students were accompanied by scientists from Universidad de Magallanes in Chile, University of Wollongong in Australia and Imperial College London. They collaborated with and were guided by Skip Novak, owner of *Pelagic Australis* and his crew — Capt. Dave Roberts, First Mate Thomas Geisel and Second Mate Lizzy Fitzsimmons. All members of the science team assisted with logistics of sailing in the Southern Ocean. Mayewski attempted the same expedition to the remote site in 2012 but was met with poor weather that dramatically reduced the ability of the team to get ashore. For more information about the trek, as well as photos and a video, visit pelagic.co.uk/news_latest.asp. Contact: Beth Staples, 207.581.3777

Graduate student intern provides online access to Paul W. Bean Civil War materials

04 Dec 2015

History graduate student Edward Andrew Kobylarz digitized and transcribed a wide selection of documents from the Paul W. Bean Collection as a part of a summer internship in Fogler Library's Special Collections Department. Color scans and searchable text allow researchers a new way to access letters, pamphlets and other documents that provide a

glimpse of activities, political opinions, and personal reflections during and after the Civil War. Kobylarz was able to bring to the project prior experience in digital collections and his perspective based on research interests in North American history. The new Paul W. Bean Digital Collection is available through DigitalCommons@UMaine at digitalcommons.library.umaine.edu/paul_bean_papers.

UMMA to host Winter Art Factory Dec. 5

04 Dec 2015

The University of Maine Museum of Art in downtown Bangor will host a Winter Art Factory from 11 a.m. to 3 p.m. Saturday, Dec. 5. The art-making event will include several stations for wrapping, creating ornaments and other seasonal projects. The family-friendly workshop is free and open to the public. For more information, contact Kat Johnson, the museum's education coordinator, at 561.3360 or kat.johnson@umit.maine.edu.

Computer science students to showcase original games Dec. 10

04 Dec 2015

Computer science students at the University of Maine will showcase original games they have created on Thursday, Dec. 10. Two video game exhibitions will be held in the Soderberg Center of Jenness Hall on the UMaine campus. The events are free and open to the public. The first exhibition will run from 8 to 9:15 a.m. and will feature students from COS 125 — Introduction to Problem Solving Using Computer Programming. From 11 a.m. to 12:15 p.m., students from another section of COS 125 and COS 312 — An Introduction to Video Game Programming with the Unity Game Engine will showcase their work. Students from COS 598 — Advanced Game Design, also will appear at the 11 a.m. session. Visitors will have the opportunity to play the students' games and vote for their favorite. The teams with the most votes will receive cash prizes.

Republican Journal reports on Hutchinson Center's new assistant director

04 Dec 2015

[The Republican Journal](#) reported Jose Cordero III has been appointed the new assistant director for student and academic services at the University of Maine Hutchinson Center in Belfast. In his new role, Cordero will oversee student support services at the center, including academic advising, admissions, financial aid, academic accommodations, degree completion and career counseling. He also will play an integral role in connecting Hutchinson Center students and staff with the greater UMaine community and the University of Maine System by advocating for new and continuing student services, programs and resources.

BDN cites Dagher in article on wind power, climate change

04 Dec 2015

Habib Dagher, executive director of the University of Maine's Advanced Structures and Composites Center which is developing offshore wind technology, was cited in the [Bangor Daily News](#) article, "Wind power 'critical' to combating climate change, advocacy group says." Representatives from Environment Maine, a Portland-based environmental advocacy group, unveiled a report Tuesday at Bangor City Hall touting the growth of wind power over the last decade and its potential to further reduce the harm of climate change, according to the article. Wind power, the report argues, will be critical to reducing human-made carbon pollution that scientists say fuels global climate change, leading to more extreme weather, a rise in the ocean level and rising temperatures, the article states. According to Dagher, within 50 miles of Maine's coast there is a potential capacity for 156 gigawatts in wind capacity, which could significantly reduce carbon emissions.

Barkan quoted in BDN analysis on unreported Maine crimes

04 Dec 2015

Steve Barkan, a sociology professor at the University of Maine and author of “Criminology: A Sociological Understanding (6th Edition),” was quoted in a [Bangor Daily News](#) analysis on why Maine crimes go unreported. Although crime throughout Maine hit a 40-year low last year, only one in five crimes were reported to police, according to the 2015 Maine Crime Victimization Survey released Tuesday by the Maine Statistical Analysis Center at the University of Southern Maine’s Muskie School of Public Service. The primary source for information about the nature and extent of crime at the national and state level is the FBI’s Uniform Crime Reporting system, according to the article. A weakness of the system is that not all crimes are brought to the attention of police, which sociologists call “the dark figure of crime,” or the gap between the reported and actual crime rate in a given community, the article states. “The actual crime problem is a lot worse than what we hear about” from the Uniform Crime Reporting system, Barkan said.

UMaine report cited in Free Press article on climate change preparedness

04 Dec 2015

The University of Maine report, “[Maine’s Climate Future: 2015 Update](#),” was cited in a [Free Press](#) article on climate change preparedness. The “States at Risk Project,” a collaboration of the climate science news organization Climate Central and consulting firm ICF International, recently gave Maine a grade of D for the state’s efforts to prepare for climate change–related weather events, according to the article. “Maine faces growing threat levels from extreme heat, drought, inland flooding, and coastal flooding between now and 2050,” wrote the report’s authors. “Maine is working to address its current climate risks, with the exception of extreme heat. While it has begun to prepare for how climate change could impact its threats, more preparedness effort is needed.” According to the UMaine report, the sea level is rising at a rate of 0.07 inches per year, which is much faster than any time in the past 5,000 years. This winter, the Legislature’s Environment and Natural Resources Committee will likely vote on a measure sponsored by Rep. Mick Devin of Newcastle to take sea level rise predictions into consideration when developing state-funded projects on the coast or in a flood zone, the article states. Devin also is a researcher and shellfish hatchery manager at UMaine’s Darling Marine Center.

BDN interviews Armstrong about end of cranberry farming at Cherryfield Foods

04 Dec 2015

Charles Armstrong, a cranberry specialist with the University of Maine Cooperative Extension, was quoted in a [Bangor Daily News](#) article about Cherryfield Foods announcing it will stop farming cranberries. The 2015 season was difficult, with prices dropping as low as 12 cents per pound for wet harvested cranberries, according to the article. Several of Maine’s approximately 30 growers declined to harvest this year because of low prices, the article states. Armstrong said losing Cherryfield Foods wouldn’t change much for Maine growers or markets because the Canadian-owned firm has not purchased cranberries in Maine and sells its berries in Canada. Cherryfield Foods’ decision “shouldn’t affect the local markets whatsoever, good or bad,” Armstrong said. “Wyman’s has been the one buying most of the berries from the Washington County growers over the years,” he added. “So the real hardship would come if Wyman’s was to get out of the cranberry business as well.” [Mainebiz](#) also published a report on Cherryfield Foods.

German Club to hold annual Christmas market at UMMA

07 Dec 2015

The University of Maine German Club — Deutscher Verein — will hold its annual traditional Weihnachtsmarkt, or Christmas market, at the University of Maine Museum of Art in downtown Bangor from 11 a.m. to 3 p.m. Saturday, Dec. 12. Holiday treats — including cookies, stollen (holiday bread) and Gluhwein (alcohol-free mulled wine) — and traditional German Christmas decorations will be sold. Proceeds will benefit UMMA exhibition and education programs.

UMaine students mentioned in Press Herald article on sake made in Kittery

07 Dec 2015

The [Portland Press Herald](#) reported Blue Current sake, a rice wine made in Maine, is available for purchase in southern parts of the state. The Blue Current brewery was launched this year in a 2,300-square-foot facility in Kittery by Dan Ford, according to the article. Ford designed most of the equipment and students at the University of Maine, where Ford teaches a module on sake for a fermented food and beverage class, constructed his rice steamer, the article states.

Brewer quoted in Press Herald, BDN articles on Lewiston mayoral runoff

07 Dec 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in [Portland Press Herald](#) and [Bangor Daily News](#) articles on Lewiston's mayoral runoff election between progressive activist Ben Chin and conservative incumbent Robert Macdonald. "I think the Lewiston mayor's race is a microcosm of American politics as a whole right now," Brewer told the Press Herald. "You've got this young, progressive forward-looking candidate who sort of represents something other than the old white male. And on the other hand, you have an older, very conservative Republican, who is upfront, especially about things like welfare and making government smaller." Brewer said the absence of a moderate in the race might lead some voters to stay home. "But I think even moderate voters lean one way or the other," he said. "True moderates are so rare in American politics." The BDN article stated Brewer has said a Chin win would be "a massive upset," despite Chin's positive, issues-driven campaign offering a blueprint of "a way forward" for Democrats in Maine.

UMaine Extension bee houses included in Press Herald column on gifts for gardeners

07 Dec 2015

The University of Maine Cooperative Extension was cited in the [Portland Press Herald](#)'s latest column in the Maine Gardener series. The article focused on gift ideas for gardeners. For do-it-yourself types, the author suggested giving material — lumber and strapping — to build bee houses. The author also advised including a printed copy of the UMaine Extension [bulletin](#) on native bees, which includes instructions for building the houses.

Socolow's tweet cited in Politico article on reaction to reporters searching apartment

07 Dec 2015

A tweet written by Michael Socolow, a communication and journalism professor at the University of Maine, was included in the [Politico](#) article, "Cable networks blasted after showing live footage inside Calif. killers' apartment." MSNBC, CNN and Fox received swift blowback for broadcasting live footage from inside the apartment of the husband and wife who killed 14 and wounded 21 others in a shooting massacre in San Bernardino, California, according to the article. The networks said the landlord of the apartment allowed them into the building, the article states. On Twitter, Socolow said he didn't get "all the pearl-clutching" if police had allowed the media in. "*IF* this is an active crime scene then stunning incompetence in securing it. Don't blame journos if not secured & labelled & invited in," he wrote.

Press Herald interviews Redmond about seaweed growth in Maine

07 Dec 2015

Sarah Redmond, a marine extension associate with the Maine Sea Grant College Program at the University of Maine, spoke with the [Portland Press Herald](#) for the article, "With more varieties and growing demand, seaweed is Maine's crop to watch." Redmond, who collaborates with commercial seaweed producers such as Maine Fresh Sea Farms in Bristol, began dreaming of being a seaweed farmer at age 15, according to the article. Now based at UMaine's Center for Cooperative Aquaculture Research in Franklin, Redmond is aware there are big questions about how well seaweed can be mainstreamed, but she remains optimistic, the article states. "We're going to be known for kelp pretty soon," she said. In 2013, after years of research, the Portland-based company Ocean Approved released a manual on how to grow kelp from spores, according to the article. Redmond helped develop the manual, which is oriented toward New England waters and is used by Maine Fresh Sea Farms. Maine Fresh Sea Farms' seaweed nursery is located at the UMaine

Darling Marine Center's Aquaculture Business Incubator in Walpole, the article states.

Hartford Courant reports on new financial aid program

07 Dec 2015

The [Hartford Courant](#) reported on a new financial aid program at the University of Maine that is geared toward out-of-state students, including those from Connecticut. UMaine's Flagship Match Program is a competitive scholarship program that guarantees academically qualified, first-year students from several states will pay the same tuition and fee rate as their home state's flagship institution. "This unique program will bring geographic diversity to our campus while affording students the opportunity to receive a world-class education at a reasonable cost," said Joel Wincowski, UMaine's interim vice president for enrollment management. "Our research shows there is strong interest in UMaine from Connecticut students, but competing on cost with Storrs had been difficult." He said the program "enables us to even the playing field while, at the same time, increase options for students." Jeffrey Hecker, UMaine's executive vice president for academic affairs and provost, said the university would like to increase enrollment from the current 11,000 students to 12,000. In addition, he said, "We'd like to attract bright young people to the state who will stay and work in Maine." [Stamford Advocate](#) also reported on the program.

New York Times quotes McCleave in article on eel migration, spawning

07 Dec 2015

James McCleave, a University of Maine professor emeritus of marine sciences and an expert on eels, was quoted in a [New York Times](#) article on recent research about the fish. American eels spend their adult lives in rivers and estuaries from Greenland to Venezuela, but they share a single reproductive site in the Sargasso Sea, according to the article. For the first time, scientists have tracked American eels migrating to their spawning grounds in the Atlantic Ocean. "If we knew more about the routes adults take to the spawning area, we would be in a better position to evaluate how migrations might change under various climate scenarios," said McCleave, who was not involved in the study. Until recent developments in aquatic satellite tags, tracking devices were too large to attach to the fish, the article states.

Media report on UMaine testing of Norway spruce for construction

07 Dec 2015

The Associated Press, [Bangor Daily News](#), [Portland Press Herald](#), [WABI](#) (Channel 5) and WVII (Channel 7) reported scientists at the University of Maine are testing the strength of wood from Norway spruce trees planted by the Civilian Conservation Corp during the Great Depression. UMaine's Advanced Structures and Composites Center's students and staff are evaluating the bending and tension of about 1,200 pieces of lumber milled from Norway spruce that grew in Maine, Vermont, New York and Wisconsin, according to the AP report. Workers planted the non-native trees in the 1930s and 1940s as part of a program that put unemployed men to work, the article states. Stephen Shaler, director of the School of Forest Resources and associate director of the Advanced Structures and Composites Center, said the center is testing the spruce to determine if it meets industry standards, and preliminary results look promising. "We need to test the infrastructure purposes and being able to be a part of that is huge not only for my schooling, but also for my career," UMaine senior Benjamin Farber told WABI. The Tampa Tribune, San Francisco Chronicle, [The Boston Globe](#) and Maine Public Broadcasting Network carried the AP report.

Aquaculture businesses get start at Center for Cooperative Aquaculture Research

08 Dec 2015

<https://youtu.be/eEaSZmurmoA> [Transcript](#) One of the most advanced marine fish hatcheries in the country is the University of Maine's [Center for Cooperative Aquaculture Research](#) (CCAR). Located on Taunton Bay in Franklin, Maine, CCAR's extensive facilities house aquatic hatcheries, with warm and cold water fish populations (brood stock). The center hosts several aquaculture business incubators, where entrepreneurs can get help with their business plans, find a site for their operations, secure investment capital, engage in research and development, and design full-scale

commercial fishery farms. The staff is experienced in raising a variety of species, such as tilapia, salmon, flounder, halibut, California yellowtail, Atlantic halibut and sea urchins. The center is a resource for new and established companies, students and faculty, and fisherman trying to rebuild natural stocks. In this video, director and center biologist Steve Eddy talks about the facilities and the opportunities available. To learn more, visit ccar.um.maine.edu. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** Hello, I'm Steve Eddy, Director of Operations for the University of Maine's Center for Cooperative Aquaculture Research, located on Taunton Bay, here in Franklin, Maine. The center was established in 2000, with the objective of setting up a research and development facility for aquaculture. Aquaculture is farming in water, and anything that you grow in water from a sea vegetable to a tuna is being aquacultured. We have several business incubators on site, which basically allow companies to demonstrate at a pilot scale, the species that they're trying to grow. It allows them to be able to show this fish to potential investors, to do some test marketing, to test out-growing methods. If it weren't for CCAR, this business either wouldn't exist, or we'd be at a much earlier stage than we are. It's a tremendous advantage to be able to come in here and say, "I want to run a small experiment with a few fish, see what we learn and then talk about going to the next stage." Our hatchery is the go-to source for companies trying to grow these species such as sea urchins or halibut or California yellowtail in Maine. We have seaweed seeding labs, which Maine Sea Grant operates, and that's to help establish sea vegetable farming in the state, and so it provides seed stock. We have a sea urchin facility. These were reared in our hatchery last year and this is really the perfect size for planting them out. We designed and built these tanks on site and they're custom configured for sea urchins. That's true of many of our systems, we're able to configure them to the needs of the species that they're trying to grow. The Center for Cooperative Aquaculture Research has been absolutely phenomenal in helping me get this system set up. To have this resource right in our backyard, I don't think many people understand how magnificent that really is and what strides we can take as a state because of this resource. Students use this facility. Industry partners, fishermen and obviously researchers from the university use this facility. It's really a state of the art technological asset for the state. [Back to article](#)

Apply for UMaine Extension Master Gardener Volunteers training

08 Dec 2015

Jan. 15 is the deadline to apply for University of Maine Cooperative Extension Master Gardener Volunteers program training in Androscoggin, Sagadahoc and Oxford counties. The 14-week training will be held 1–4 p.m. Thursdays from Feb. 25 to May 26, at the UMaine Extension office, 24 Main St., Lisbon Falls. The program provides participants with at least 40 hours of in-depth training in the art and science of horticulture. Trainees receive current, research-based information from Extension educators and industry experts. In return, trained Master Gardeners volunteer their time and expertise for related activities in their communities. The fee for the course and materials is \$220. Information and applications are [online](#). Accepted applicants will be notified by Feb. 1. For more information, or to request a disability accommodation, contact lynne.holland@maine.edu, 353.5550, ext. 23.

Maine Edge previews 2015 Senior Art Exhibition

08 Dec 2015

[The Maine Edge](#) published a University of Maine news release about the 2015 Senior Art Exhibition, “The Ghosts of Carnegie Hall” in the Lord Hall Gallery on campus. The show runs until Jan. 22, displaying paintings, sculpture, photography, digital and other artwork created by 14 UMaine studio art majors graduating in December or in the spring. Student preparations for the show include supplemental presentations, artists’ statements, essays and hands-on involvement in installing and marketing the show. The gallery is open 8 a.m. to 4:30 p.m. weekdays.

WVII covers museum’s Winter Art Factory

08 Dec 2015

WVII (Channel 7) reported on the Winter Art Factory held at the University of Maine Museum of Art (UMMA) in downtown Bangor. The art-making event included several stations for wrapping, creating ornaments and other seasonal

projects. The family-friendly event was free and open to the public. “We try and get everybody of all ages because not only does it make you happy, release some stress, it also really helps with cognitive thought,” said Kat Johnson, education coordinator at UMMA, adding some of the activities include more complicated origami folding and embroidery.

Skate with the Bears event set for Dec. 12, Maine Edge reports

08 Dec 2015

The Maine Edge reported the Friends of Maine Hockey’s annual Skate with the Bears event will be held from 4:30 to 5:30 p.m. Saturday, Dec. 12 at the Alfond Arena. Families are invited to join the 2015–2016 University of Maine men’s and women’s ice hockey teams on the ice for photos and autographs. Domino’s will provide free pizza and Dunkin’ Donuts will offer hot cocoa, coffee and doughnuts. The event is free and open to the public.

Hecker speaks about new financial aid program on WABI

08 Dec 2015

Jeffrey Hecker, the executive vice president for academic affairs and provost at the University of Maine, was a recent guest on [WABI](#) (Channel 5). Hecker spoke about the university’s new Maine Matters financial aid program. The program allows UMaine to match Maine families’ financial aid offers from any other New England land grant universities as part of a push to continue educating Maine-raised students in the state. Hecker said Maine has a challenge of keeping young people in the state and the university is targeting its financial aid to those students. “We don’t want Maine students to choose to go to another land grant research university based on cost. We want to make sure that we’re competitive,” Hecker said. Maine students who are accepted to UMaine are automatically considered for merit-based scholarships, which means every acceptance letter will offer either a \$500 Maine Matters Award, or a merit scholarship worth \$2,000–\$8,000, renewable for up to four years.

UMaine fraternity hosts 5th annual Christmas philanthropy event

09 Dec 2015

The University of Maine’s fraternity Alpha Tau Omega is hosting its 5th annual Blue and Gold Christmas, a competition-based philanthropy event that collects toys, clothing items, books, nonperishable food and monetary donations for Crossroads Ministries, a resource center in Old Town, Maine that assists low-income families facing food insecurity and homelessness. “We wanted to make an impact in our community and we thought Crossroads was the perfect way to give back to the greater Bangor Area,” Michael Schuman, fourth-year journalism student and president of ATO, says. Organizations on campus pair up to form teams and are given a Christmas tree and a present box that is set up in the Memorial Union. Teams are rewarded points for the most donations and how well they decorate their trees. This year, there are 13 teams made up of Greek and non-Greek campus groups, with each team being made up of two to four campus organizations. The trees, which will be on display in the Memorial Union from Nov. 30 to Dec. 11, will be judged by Robert Dana, vice president for student affairs and dean of students. “By bringing all of our donated goods to Crossroads, they can assist the citizens of the Bangor area in many different ways. In terms of the UMaine community, it (the event) fosters a culture of service to others and giving. Plus the trees really make the union look festive for finals week.” The top three teams who have the best decorated trees will receive extra points for the competition. The first place winner will receive a 20 percent boost to their score competition, second will receive 15 percent, third will receive 10 percent and the winner of the public voting will receive 5 percent. Last year, the fraternity donated over 1,300 items and over \$300 to Crossroads Ministries. “We try to make the most positive impact on the community as much as possible through service and leadership. This event is one of our favorite events and we hope to make it bigger and bigger every year,” says Schuman.

Intensive English Institute, Counseling Center debut new websites

09 Dec 2015

The [Intensive English Institute](#), [Counseling Center](#) and the [Undergraduate Program Curriculum Committee](#) are among the latest programs to upgrade to the university's new website template. The new [umaine.edu](#) and related pages debuted in late August. For more information on the UMaine website conversion, contact Mike Kirby at mike.kirby@maine.edu or 581.3744.

Maine Edge reports on Holberton's Blackpoll warbler research

09 Dec 2015

[The Maine Edge](#) published a University of Maine news release about Blackpoll warbler research led by University of Maine biologist Rebecca Holberton. Holberton and her team collected feathers from Blackpolls at multiple locations throughout North America during fall and spring migration to learn where and when specific breeding populations moved. The study, Holberton said, marks the first time scientists have determined a most likely explanation for why numbers of birds on migration have declined. "In the past much of the focus has been censusing birds either on the breeding areas or on the wintering areas," Holberton said. "But by being able to identify where birds are going and where they are coming from during migration, we can learn more about the reason why we see declines during this period. By determining where birds are throughout the entire life cycle, we can better target 'full life cycle' conservation efforts more effectively."

Student to sign copies of debut novel at Bethel cafe, Sun Journal reports

09 Dec 2015

The [Sun Journal](#) reported University of Maine student Naya Clifford will sign copies of her debut novel, "Into the North Woods," and discuss issues related to green industry and environmental activism at Café di Cocoa in Bethel from 10 a.m. to 1 p.m. Sunday, Dec. 20. Clifford works as a teacher and clinical social worker, and is completing a doctoral degree in disability studies at UMaine, according to the article.

Dowse, McConnon mentioned in Morning Sentinel article on baking workshops

09 Dec 2015

University of Maine professors Harold "Dusty" Dowse and Jim McConnon were mentioned in a [Morning Sentinel](#) article on baking workshops offered at Somerset Grist Mill in Skowhegan. The workshops, sponsored by the Maine Grain Alliance, focused on sourcing ingredients, finding out what customers want, marketing, promoting, location and sales. Dowse, a professor of biological sciences, baker and facilitator of the workshops, said each new baker is like a new seed sown into the revival of real bread, baked and sold locally, no matter where you live in Maine. "People want artisan bread now," he said. "Its demographic is local — they want real bread — they don't want the stuff they've been getting." McConnon, a professor of economics at UMaine and with the University of Maine Cooperative Extension, spoke to participants about marketing, small business and market research during a "Know Your Market" talk, according to the article.

Glover writes op-ed for BDN on refugee crisis

09 Dec 2015

Robert Glover, an assistant professor of honors and political science at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#), titled "Leadership should guide American response to refugee crisis." Glover is a member of the Maine chapter of the national Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members' columns appear in the BDN every other week.

Palmer, Brewer quoted in Governing article on swing states

09 Dec 2015

Kenneth Palmer, a professor emeritus of political science at the University of Maine; and Mark Brewer, a political science professor at UMaine, were quoted in the [Governing](#) article, “Will swing states increase in the 2016 presidential election?” Palmer said Maine “generally prefers moderate candidates in both style and policy.” While Maine starts the contest in the Democratic camp, the GOP has a shot at winning a fraction of the state’s electoral votes due to its unusual division of electoral votes by congressional district, according to the article. With an establishment candidate, Maine’s more rural and conservative 2nd congressional district could be a toss-up, Brewer said. Even with an anti-establishment candidate, the district and its one electoral vote could still be competitive for the GOP, the article states.

Innovate for Maine program seeking interns, growing Maine companies

09 Dec 2015

The University of Maine’s Foster Center for Student Innovation is seeking motivated, innovative Maine college students and companies that want to make a difference in the state through the Innovate for Maine Fellows program. The program connects the best and brightest Maine college students with the state’s most exciting, growing companies as a way to grow and create jobs in Maine through innovation and entrepreneurship. The program, which is now accepting applications, offers paid internships that place students with companies to receive real-world job experience and training in innovation and entrepreneurship. Other benefits for interns include potential academic credit and networking opportunities with Maine business leaders. “I feel very lucky that my first job is at a startup like Tide Creative,” says Dana Hopkins, current Innovate for Maine Fellow. “It’s letting me get experience in multiple areas including social media, customer support, blogging, event coordination and even a little project management. This opportunity never would have happened without the Innovate for Maine program, and I will always be grateful.” Students chosen to become the next class of Innovate for Maine Fellows participate in an intensive week of preparation before beginning their internships. The mandatory “boot camp” includes training in UMaine’s cutting-edge [Innovation Engineering](#) program, a systematic process for developing breakthrough innovations. In addition, students learn more about Maine’s entrepreneurial landscape and how to network with entrepreneurial leaders. Applications also are available for Maine companies looking for summer interns. Companies selected to participate in the program are able to get the help they need to accelerate innovation projects and grow their businesses. Trained innovation experts guide and mentor both the fellow and the company for the duration of the project. UMaine handles all recruiting, screening, matching, hiring and initial innovation and workplace training. The Innovate for Maine program will match interns with companies that are developing innovative new products or services, and seeking to significantly grow revenues and employment. The initiative is part of Maine Accelerates Growth and assists companies with matching funds, according to company size, to support the cost. [Maine Accelerates Growth](#) (MxG) is an initiative that aims to create jobs and economic development in the state through entrepreneurship and growth. It works with partners to create statewide programs with coordinated, focused activities to accelerate companies, connections and the next generation of Maine entrepreneurs. “There are a number of Maine companies developing new innovations that are eager for talented students who understand the innovation process,” said Renee Kelly, co-director of the Foster Center. “By matching students trained in Innovation Engineering with these companies, we hope to help the companies grow while helping Maine students see that there are great opportunities to work and stay in Maine after they graduate.” The Innovate for Maine Fellows program is open to students who are matriculated in a degree program, attending any college in Maine or residents attending college elsewhere. Fellows can work full time or part time during the summer with the possibility of continuing part time during the academic year. The application deadline for both fellows and companies is Feb. 1, 2016. More information about the program, including applications, is [online](#). Contact: Angela Marcolini, 581.1429

Noah Oppenheim: Lobster presentation best at ecosystem symposium

09 Dec 2015

In November, Noah Oppenheim won the best student oral presentation award at the American Lobster in a Changing Ecosystem symposium in Charlottetown, Prince Edward Island. “Forecasting the future of the American lobster in the Gulf of Maine and Southern New England: Trouble on the horizon?” was the title of his talk. In it, the University of Maine graduate student in the School of Marine Sciences described forecasts from predictive models he developed in pursuit of his dual master’s degree in marine biology and marine policy. Utilizing juvenile lobster abundance estimates and environmental indicators, the models predict commercial landings in the Gulf of Maine and Southern New England

lobster fishery several years in advance. “This work represents a unique early warning system for the lobster fishery,” says Oppenheim. “This approach is unique because we survey newly settled lobsters that repopulate coastal nurseries each fall, at least five to eight years before they reach legal size.” The early warning system indicates that declines in commercial landings may occur over the next several years throughout the Gulf of Maine.

[See a video about cannibal lobsters featuring Noah Oppenheim](#) *courtesy of the Portland Press Herald*

“All good science is accompanied by uncertainty, and my forecasts aren’t a perfect window on the future. But, I have a lot of confidence in the power of this new information to help lobster fishermen, dealers and fishery managers make better decisions,” Oppenheim says. “The health of the lobster fishery is a key part of the economic health of the state’s culture. Diagnosing problems early should enhance outcomes significantly.” The symposium was the second U.S.-Canadian science convention designed to bring together scientists, policymakers and fishermen to discuss the ecologically and commercially important crustacean. Oppenheim, who grew up in Falmouth and graduated from Waynflete School in Portland, also made a presentation at that first one — the 2012 American Lobster in a Changing Ecosystem symposium in Portland, Maine. Just a few months prior to that presentation, Oppenheim had started his graduate program based at the Darling Marine Center in Walpole. His topic: “Cannibals by night? Density-dependent feeding in the Gulf of Maine’s lobster population.” His presentation resulted from videotape he captured in 2009 of lobsters cannibalizing their young at night on the ocean floor off Pemaquid Point. It was a scientific first and made considerable waves among researchers and the media. Earlier this spring, Oppenheim was awarded a Sea Grant Knauss Fellowship. The one-year paid internship, which begins in February, is intended to provide a unique educational experience to graduate students interested in ocean, coastal and Great Lakes resources, as well as in national policy decisions affecting those resources. During the fellowship, Oppenheim will work in the Washington, D.C. office of Rep. Jared Huffman (D-California). Huffman, whose six-county district extends from the Golden Gate Bridge to the Oregon border, serves on two House committees — Natural Resources and Transportation and Infrastructure. The University of California at Santa Barbara alumnus was a three-time NCAA All-American volleyball player and graduated from Boston College Law School. Oppenheim lived on the West Coast when he was earning a bachelor’s degree in biology from Reed College in Portland, Oregon. While in college, the Divemaster studied hammerhead shark migration in the Galapagos Islands and was a crewmember on sailing vessels in the South Pacific. After graduating, Oppenheim worked in the Bering Sea as a National Oceanic and Atmospheric Administration National Marine Fisheries Service groundfish observer and a deckhand on a salmon fishing vessel. “The Knauss Fellowship represents the perfect opportunity to continue working at the intersection of ocean science, management and industry at the highest level,” he says. “I’m incredibly and humbled and excited for this chance to make a positive impact on ocean conservation and natural resource policy. I have a lot of people to thank for their support over the years: UMaine faculty and staff, Sea Grant staff and everyone at the Darling Center, my home base for the past few years.” Contact: Beth Staples, 207.581.3777

Babineau named 2015 Northeast Region Coach of the Year

10 Dec 2015

Josette Babineau, head coach of the University of Maine field hockey team, has been named the 2015 Northeast Region Coach of the Year by the National Field Hockey Coaches Association (NFHCA). Under Babineau, UMaine set a school record for most wins in a season with 19. The team also reached the America East Conference Championship for the first time since 2005 and finished the 2015 season ranked as the 17th team in the country. During the 2015 campaign, Babineau reached a career milestone surpassing 100 career wins — all with UMaine. Babineau and her staff also received honors from the America East Conference as Coaching Staff of the Year. Babineau has continued to form the Black Bears into a nationally recognized program as UMaine received votes in the NFHCA Top 20 poll.

WABI advances annual Basketmakers Holiday Market

10 Dec 2015

WABI (Channel 5) reported the 2015 Maine Indian Basketmakers Holiday Market will take place from 9 a.m. to 3 p.m. Saturday, Dec. 12 in the Hudson Museum located at the Collins Center for the Arts. The free-admission market features members of the Maine Indian Basketmakers Alliance who have received national awards as well as artists representing the next generation of weavers. More than 50 Native American artists will be in attendance.

Ph.D. candidate speaks about scallops on MPBN's 'Maine Calling'

10 Dec 2015

Skylar Bayer, a Ph.D. candidate at the University of Maine Darling Marine Center, was a recent guest on the [Maine Public Broadcasting Network](#)'s "Maine Calling" radio show. The show focused on Maine's coming scallop season and the related high prices and regulations. Bayer studies scallop reproduction and the sustainability of the scallop fishery in the Gulf of Maine.

Field hockey coach recognized by national association, media report

10 Dec 2015

The [Bangor Daily News](#) and WABI (Channel 5) reported Josette Babineau, head coach of the University of Maine field hockey team, has been named the 2015 Northeast Region Coach of the Year by the National Field Hockey Coaches Association (NFHCA). Under Babineau, UMaine set a school record for most wins in a season with 19. The team also reached the America East Conference Championship for the first time since 2005 and finished the 2015 season ranked as the 17th team in the country. During the season, Babineau reached a career milestone surpassing 100 career wins and her and her staff received honors from the America East Conference as Coaching Staff of the Year.

Students to present service-learning projects

10 Dec 2015

The University of Maine's Campuses for Environmental Stewardship groups will present student service-learning projects from 3–5:30 p.m. Thursday, Dec. 10 in the Hill Auditorium, Barrows Hall. Students, faculty and community members will be in attendance. Projects to be discussed include: The Penobscot River dam removal and restoration, and building sustainable energy communities by providing low-cost window inserts. The Rivers, Dams and Environmental Communication service-learning project took place in two levels of environmental communication in the Department of Communication and Journalism. Working in groups, students drew from a semester-long case study, the Penobscot River Restoration Project, to connect environmental communication perspectives with portfolio materials such as news articles, videos, technical reports, meetings minutes, interview transcripts and more focused on the Penobscot River dam removal and restoration project. The project responds to a need identified by the New England Sustainability Consortium (NEST) to use environmental communication perspectives to describe and analyze how communication shapes our perceptions about, understandings of, and decisions related to dams, rivers and river restoration. Students in the economics course Building Sustainable Energy Communities Through Service Learning spent the semester recruiting customers and volunteers, measuring windows in customer homes, and building window inserts, which are pine frames wrapped in two layers of plastic with weatherization stripping around the edges. The students worked with the Unitarian Universalist Society of Bangor (UUSB) and the volunteer-led nonprofit WindowDressers, which specializes in coordinating community-led window insert building events. For a final project, students estimated the energy savings and social benefits associated with the program. The projects are part of a larger multistate collaborative to support curricular innovation and environmental stewardship. UMaine belongs to Maine Campus Compact, a coalition of 18 member campuses, whose purpose is to catalyze and lead a movement to reinvigorate the public purposes and civic mission of higher education. Maine Campus Compact, in partnership with Massachusetts, New Hampshire, and Vermont Campus Compacts, was awarded a Davis Educational Foundation grant to form the Campuses for Environmental Stewardship (CES) program. The program aims to train college faculty in the participating states to develop and deliver courses which partner with community organizations to address pressing environmental issues. The collaborative continues through fall 2016. Following the presentations, a screening of the climate change film "This Changes Everything" will be shown through a partnership with the Camden International Film Festival.

Philanthropist helps others by putting one foot in front of other

11 Dec 2015

Matt Dexter believes one person can change the world. The fourth-year University of Maine student is doing his part by raising money for and connecting with people with cancer. Dexter is president and founder of the Christine B. Foundation — named in honor of his mother, an enthusiastic volunteer who died of stomach cancer when Dexter was 13. Running helped him to heal and cope. To positively impact people fighting cancer, Dexter has organized a seven-day relay run to raise awareness and funds that begins July 3 in Portland, Maine and ends July 9 in New York City. Each of the 12 runners will average about 7 to 10 miles a day; the team also will visit a cancer center to connect with and provide service to local patients and families. Dexter invites people interested in taking part to commit by Feb. 1. Each participant pays a \$50 registration fee and pledges to raise \$2,000. Assistance and resources are available for participants through CBF (chrisbfund.org). In addition to financially supporting people with cancer, the funds will provide each participant with running gear, a pair of running shoes, a gear bag and food and housing during the trek. The Christine B. Foundation also includes an educational component. During the trek, runners will award \$2,000 scholarships to two college students affected by cancer. To learn more or apply for the scholarship, visit chrisbfund.org/scholarships. To raise awareness of the run and the cause, 6–9 p.m. Monday, Dec. 14 in the Oakes Room in Fogler Library, Dexter will provide refreshments and healthy snacks to fuel UMaine students preparing for finals. He'll also invite them to build CBF Comfort Bags that will be given to area cancer patients this holiday season. Such acts make a difference, says Dexter, a psychology major and business minor. "The evolution of the Christine B. Foundation has been fueled by small initiatives through many volunteers and supporters," he says. "It doesn't take much to realize that you really can have an impact in your community with CBF." After this summer's run, the native of Acton, Massachusetts anticipates pursuing an MBA in Nonprofit Management and a career that combines philanthropy and running. "I will make it happen," says Dexter, who is on a mission to promote healthy living and giving direct patient support to the cancer community. He envisions a world where everyone impacted by cancer has resources for recovery. And he believes in the power of teamwork and service to make that happen. He's already experienced that twice before. Something clicked for Dexter when he was a sophomore at UMaine and saw an ad on Facebook promoting the second annual Ulman Cancer Fund for Young Adults 4K for Cancer — a run that raises money for cancer research and for young cancer survivors. "Change Lives" is the motto of the relay from San Francisco, California to Baltimore, Maryland. He signed up to support others who were experiencing what his family had several years earlier. For 42 days in June and July 2013, Dexter and 33 other college students combined to run 4,000 miles to educate people about cancer and raise money for the foundation that since 2001 has sought to create "a community of support for young adults, and their loved ones, impacted by cancer." Dexter brought in \$7,300 for the foundation whose running and bicycling efforts raised more than \$1 million that year for the cause. While Dexter sought to comfort others, he also experienced life-changing moments — including personally connecting with cancer patients as well as persevering through 113-degree heat in California and running the 20-mile final stretch to Federal Hill in Baltimore. While taking part in that event, Dexter became inspired to establish a similar run on the East Coast in 2014. He formed the nonprofit Eastern Trek for Cancer and he and 16 others ran a 29-day, 400-mile relay from Kittery, Maine to Surf City, New Jersey. They raised more than \$17,000, supported hundreds of patients with comfort bags during visits to cancer centers and donated \$8,500 to the Ulman Cancer Fund due to its overlapping mission. He says one particularly poignant visit was with a 12-year-old boy with neuroblastoma, which occurs when malignant cells form in nerve tissue of the adrenal gland, neck, chest or spinal cord. Dexter and others presented the youth with a comfort bag that included tickets to attend a Blue Man Group performance. To learn more, visit chrisbfund.org or follow Eastern Trek for Cancer on Facebook. Contact: Beth Staples, 207.581.3777

Researchers awarded \$225,000 for testing, commercialization of mobility aid

11 Dec 2015

An aesthetically designed mobility aid created by University of Maine researchers to meet the growing need for adaptive exercise engagement has received nearly \$225,000 from the National Institute on Aging. The one-year \$224,999 National Institutes of Health Phase I Small Business Technology Transfer (STTR) grant will involve precision testing and the initiation of commercialization of the Afari™, a three-wheeled device that provides balance and weight-

bearing assistance, stability, upright posture, active steering and braking, to those who seek safe and effective support while participating in outdoor fitness such as walking, jogging or running. Afari was created to fill an unmet need for people who, without adequate and well-designed mobility support, would be unlikely or unable to exercise. UMaine faculty members Stephen Gilson and Liz DePoy, both professors of interdisciplinary disability studies and social work, conceptualized the Afari in 2008 after DePoy could not find a functional device to allow her to run in a triathlon. “I was finally successful on my treadmill in my gym in reaching the milestone that I needed for the running part of a triathlon. However, I realized that I could not run outside without balance support,” DePoy says. “After looking for a device to help me balance in the competition, I only found durable medical equipment, rollators and walkers with small wheels. These were nonfunctional, ergonomically inadequate, and stigmatizing in appearance. Since there was no device that married function to aesthetic form, Stephen and I set out to craft and invent it.” Gilson and DePoy began the project with two seed grants from the Maine Technology Institute, and then sought collaboration with Vince Caccese, a mechanical engineering professor at UMaine. Working with Caccese and Ryan Beaumont, a UMaine mechanical engineering alumnus, the team formed the company Mobility Technologies in 2015 to commercialize Afari and other aesthetically designed products that are now being developed. As the chief operating officer of Mobility Technologies, Beaumont is the principal investigator of the NIA grant. The STTR program is a congressionally mandated competition for domestic small businesses, in collaboration with universities, to engage in research and development that has the potential for commercialization. Successful completion of Phase I will provide the opportunity for Phase II, which would allow the team to apply for a grant to support large clinical trials and research on the benefits of Afari for varied populations. “Funding from the NIH STTR program has been crucial for Mobility Technologies in the commercialization of the Afari,” Beaumont says. “There has been a great deal of enthusiasm about this product from those with mobility impairments who want to be active outdoors. Phase I funds will help us ensure that it is safe and enjoyable to use in this way.” Funding from the project will go toward further validation of the Afari’s functionality, safety, balance support and a unique weight-bearing monitoring system; usability and desirability testing; aesthetic acceptance; and planning to educate users and providers about the device and its benefits. The goal of this Phase I STTR award is to complete the design, safety, aesthetic desirability, and usability testing of Afari for the population diagnosed with lower extremity osteoarthritis. Osteoarthritis, diagnosed in more than 15 percent of the U.S. population, is the primary cause of musculoskeletal lower extremity disability. Although there is no cure, exercise remains the core treatment to manage the chronic joint condition regardless of age, pain, severity or disability, according to the researchers. Yet, because of stigmatizing design and limited function of devices, many people with the condition abandon supportive equipment. Therefore they do not engage in regular fitness and may resort to invasive and risky joint replacement surgeries due to pain and decreased mobility, or they may experience health decline due to unnecessary sedentary lifestyles, the researchers say. “I am hoping that Afari is the first in a long line of mobility equipment that is fully functional and looks good,” Gilson says. “Liz and I have devoted our scholarship and teaching to the development and dissemination of theory that guides design and development of solutions to foster full participation for all people in all aspects of work, recreation and social life. Right now, people put stigmatizing equipment in the closet and do not use it even if they need it. None of us can benefit from devices that we do not use.” Contact: Elyse Kahl, 207.581.3747

Oceanography professor selected to deliver Rachel Carson Lecture

11 Dec 2015

A prominent University of Maine oceanographer will deliver a lecture named in honor of her inspiration, pioneer marine biologist Rachel Carson, at the American Geophysical Union fall meeting in December in San Francisco. School of Marine Sciences Professor Mary Jane Perry’s address is titled “The Subpolar North Atlantic Spring Bloom – What Did We Learn from the NAB 2008 Autonomous Experiment?” The subpolar North Atlantic bloom, Perry says, is one of the most remarkable features on the planet, with an almost explosive “greening” of the oceans each spring. She and others conducted a comprehensive, integrated measurement of the bloom using a float, gliders, ships, satellite observations and



analyses from models.

The person selected to give the annual Rachel Carson Lecture is a “female scientist who exemplifies Rachel Carson’s work with cutting-edge ocean science, especially science relevant to societal concerns.” Perry was starting high school when Carson, an ecologist who wrote about environmental impacts of fertilizers and pesticides, published “Silent Spring.” “At the time, relatively few women were encouraged to become scientists, or to criticize the establishment,” says Perry. “Ms. Carson defied conventional norms, studying the oceans, challenging the impacts of humans on ecosystems, and remaining strong under sharp criticism. She was an inspiration, showing that I could chart my own course and open new avenues of research.” Which Perry has done. Perry is a “pioneering collaborator” for the Centers for Ocean Sciences Education Excellence (COSEE) with its Scientist Making an Impact project — the North Atlantic Bloom Webinar Series. In addition, Perry, who was interim director of the Darling Marine Center from 2013 to 2015, has received two Special Creativity Awards from the National Science Foundation for her earlier work with underwater autonomous platforms (floats and gliders) that opened up a new way to study the oceans. In 2014, the University of Maine Alumni Association presented her with the Distinguished Maine Professor award in recognition of outstanding achievement in the university’s mission of teaching, research and public service. “We are very proud of Professor Perry and her significant contributions to ocean science and education,” says Heather Leslie, director of the UMaine Darling Marine Center. “She is a scientist true to Rachel Carson’s legacy: passionate, generous and uncompromising in her search for scientific truth. We are very fortunate that she calls Maine and the Darling Marine Center home.” About 24,000 people are expected to attend the 48th AGU fall meeting Dec. 14–18. During more than 1,700 sessions, scientists will present research, learn about discoveries and challenges and network. Perry’s lecture is associated with the AGU’s 6,000 member Ocean Sciences Section. Founded in 1920, it’s charged with “exploring three fourths of the planet.” AGU’s purpose “is to promote discovery in Earth and space science for the benefit of humanity.” Lynn Talley, president of the AGU Ocean Sciences, told Perry in a congratulatory letter that many excellent nominees were considered this year. “But the Awards Committee, chaired by Jim Murray, recognized the major influence of your interdisciplinary work on phytoplankton, their interactions with upper ocean physics and their role in ocean biogeochemistry using multiple approaches, and your leadership in building scientific programs, in mentoring, and in communications,” Talley wrote. Contact: Beth Staples, 207.581.3777

Student speakers sought for spring 2016 TEDxUMaine

11 Dec 2015

Organizers of TEDxUMaine are seeking talented and passionate students to speak during the spring 2016 event. The theme for this academic year’s TEDxUMaine conference is “Interconnectedness.” Interconnectedness is the worldview in which we see connections and relationships between different things. Interconnectedness can be found in all aspects of life including in nature, business, education, science, society, ecology and the environment. Undergraduate speakers are encouraged to explore the new and innovative ways we are interconnected and to share those engaging ideas with

other members of the UMaine community. The deadline to submit a speaking proposal or nominate a speaker is Friday, Jan. 22. Applications are [online](#). For more information, visit the event's [website](#) or [Facebook](#) page, or email TEDxUMaine@umit.maine.edu.

UMaine climate change report cited in BDN editorial

11 Dec 2015

The University of Maine report, "[Maine's Climate Future: 2015 Update](#)," was cited in the [Bangor Daily News](#) editorial, "Shrimp, Lyme, wildflowers: How climate change is already changing Maine." While temperatures fluctuate with the weather, Maine's average annual temperature is on an upward trend, according to the article. The state's average temperature rose 3 degrees Fahrenheit between 1895 and 2014, and Maine has seen the amount of annual precipitation rise in that time — by 6 inches, or 13 percent, the UMaine report states. And more of that precipitation, according to the UMaine researchers, is falling during extreme weather events, when two or more inches of rainfall within 24 hours, the article states.

WVII advances Scratchpad Accelerator Demo Day

11 Dec 2015

WVII (Channel 7) reported entrepreneurs participating in Scratchpad Accelerator, a pilot program of the University of Maine in collaboration with the Maine Technology Institute, will participate in a Demo Day from 4–7 p.m. Dec. 11 at Seasons Restaurant in Bangor. The four companies — CourseStorm of Orono; Double Blue Analytics of Orono and Brunswick; Tip Whip of Old Town; and L&K Manufacturing of Bangor — will give investment-style pitches to an audience of supporters, strategic partners, the general public and potential investors. The event is open to the public and will include networking, food and a cash bar. Registration and a live stream for those who can't attend are [online](#).

Several weekend UMaine events advanced in BDN column

11 Dec 2015

Multiple University of Maine events were included in the [Bangor Daily News](#) roundup "5 Things to do this Weekend." Weekend performances included in the article were indie rockers Vundabar and Wyld Lyfe at the IMRC Center on Friday and Irish ensemble Danu's holiday show at 3 p.m. Sunday at the Collins Center for the Arts. For local holiday shopping options, the column cited the annual Maine Indian Basketmakers Holiday Market from 9 a.m. to 3 p.m. Saturday at the Collins Center for the Arts and the UMaine German Club's annual traditional Weihnachtsmarkt, or Christmas market, at the UMaine Museum of Art in downtown Bangor from 11 a.m. to 3 p.m. Saturday where food, crafts and decorations will be sold.

Vachon to be inducted into Maine Sports Hall of Fame, media report

11 Dec 2015

The [Bangor Daily News](#) and [Portland Press Herald](#) reported Amy Vachon, an assistant coach for the University of Maine women's basketball team, has been named to the 2016 class of inductees for the Maine Sports Hall of Fame. As a player at UMaine, Vachon, of Augusta, set school and league assist records and guided the Black Bears to two America East championships and four NCAA Tournament appearances. At Cony, she was USA Today Maine Player of the Year, Gatorade Player of the Year and Miss Maine Basketball, according to the BDN. The 41st annual induction ceremony will be held May 1 at the Cross Insurance Center in Bangor.

Isenhour speaks about carbon footprints on The Takeaway

11 Dec 2015

Cindy Isenhour, an assistant professor of anthropology at the University of Maine and a cooperating faculty with the

Climate Change Institute, was a recent guest on [The Takeaway](#), a national news radio program. Isenhour spoke about carbon emissions and how the average person can calculate and cut their carbon footprint. City dwellers consume a lot of carbon indirectly — enough to approach, or even exceed, the carbon footprints of rural residents, according to the report. “We find in cities, folks who are early adopters are more responsive to ideas about fashion or technological obsolescence. So they do tend to replace things like clothing, furnishings, and electronics more frequently,” said Isenhour, who is the author of “[Sustainability in the Global City: Myth and Practice](#).”

BDN interviews Wagner about coming spruce budworm infestation

11 Dec 2015

Robert Wagner, the Henry W. Saunders Distinguished Professor in Forestry at the University of Maine and director of the Cooperative Forestry Research Unit, spoke with the [Bangor Daily News](#) for an article about Maine’s next anticipated spruce budworm outbreak. During the last infestation from 1970 until 1985, the Maine Forest Service estimates the insect killed between 20 million and 25 million cords of fir and spruce worth hundreds of millions of dollars. A similar outbreak in Maine today would have an economic impact of \$794 million per year, according to the Maine Spruce Budworm Task Force, a collaboration of UMaine, the Maine Forest Service and Maine Forest Products Council. Currently, more than 15 million acres of Quebec and New Brunswick woodlands have been killed by spruce budworm, Wagner said. It takes several years for an infestation to lead to defoliation, but that’s beginning to take place in parts of Atlantic Canada, according to the article. Wagner and others on the task force are planning for the inevitable return of the spruce budworm, which could happen in two to eight years, and trying to ensure that Maine is more prepared than it was during the last population explosion, the article states. WVII (Channel 7) also interviewed Wagner for a report on spruce budworm.

Social work student speaks with WABI about her nonprofit for foster children

11 Dec 2015

Sara Disselkamp, a social work student at the University of Maine, spoke with WABI (Channel 5) about [Something to Snuggle](#), a nonprofit she created to provide blankets for children in the Maine foster care system. “Usually when they’re transitioned from their home into a different family, they don’t get to take any of their belongings with them, so I started making the blankets,” said Disselkamp, who was adopted herself. “I was adopted when I was two months old, and I’ve kind of always known it was part of my purpose to give back,” she said. Something to Snuggle has gathered and donated more than 500 blankets to agencies around the state, according to the report. Disselkamp, who was chosen by [Glamour](#) as Maine’s 2015 Hometown Hero, said having her name in the magazine was exciting because it has given her nonprofit national publicity. “My goal originally was to get a blanket to every foster child in Maine and then I wanted to bring awareness nationally to other foster children,” she said.

Media cover computer science student showcase of original games

11 Dec 2015

WLBZ (Channel 2) and WABI (Channel 5) reported on exhibitions held by computer science students at the University of Maine to showcase original games they created. “We have people that have never programmed before and we have them coming up with games that are getting close to professional quality,” Curtis Meadow, one of the computer science course instructors, told WABI. “It’s been really fun,” said student Matt Munster. “It’s been one of the few times where pulling an all-nighter has actually been really enjoyable for me. It’s been a great learning experience, and these kind of projects are just what keeps me really excited about school.” Visitors had the opportunity to play the students’ games and vote for their favorite. The teams with the most votes received cash prizes.

President Hunter to appear on ‘Bill Green’s Maine’

11 Dec 2015

University of Maine President Susan J. Hunter is scheduled to appear on “Bill Green’s Maine” at 7 p.m. Saturday, Dec.

12 on WLBZ (Channel 2 in Bangor) and WCSH (Channel 6 in Portland).

Brewer quoted in BDN article on Lewiston mayoral race

14 Dec 2015

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Bangor Daily News](#) article, “Lewiston wasn’t ready for change, but is Maine?” In relation to Lewiston’s mayoral runoff election, Brewer said “a little bit of everything,” such as incumbency, the campaign, the city’s divides and national factors, led to conservative incumbent Robert Macdonald winning against progressive activist Ben Chin. Even though the campaign happened during the rise of Republican presidential candidate Donald Trump, Brewer said he thinks that race had little impact. “Put Donald Trump back on ‘The Celebrity Apprentice,’” he said, “and the outcome would still be the same in this race.”

Boston Globe cites book by Judd

14 Dec 2015

University of Maine historian Richard Judd’s book, “Second Nature: An Environmental History of New England,” was included in a [Boston Globe](#) article on New England literary news. In the book, Judd chronicles how nature and humans have reshaped the region over the past 12,000 years, according to the article. He offers high praise for the environmental successes of the 1970s, including the protection of rivers and coastline and the preservation of pastoral landscapes in the face of development pressures, the article states. “Second Nature” is the winner of the New England Historical Association’s James P. Hanlan Book Award, which recognizes excellent work by a historian who lives or works in New England.

Press Herald publishes feature on Springuel

14 Dec 2015

Natalie Springuel, a marine extension associate with Maine Sea Grant, the coordinator of the Downeast Fisheries Trail and a founder of the National Working Waterfront Network, was the focus of a feature article in the [Portland Press Herald](#). Springuel spoke about her latest project as a radio host for WERU 89.9 FM’s Coastal Conversations. The community forum brings her and various visiting experts together monthly to discuss topics with an ocean connection and to answer questions from callers, according to the article. In the year since the program first aired, Springuel has delved into the management and marketing of Maine scallops, marine debris and microplastic pollution in the ocean, and beach water quality. She and her colleagues at Sea Grant brainstorm for ideas and occasionally they will sub in for her, the article states.

Media report on Scratchpad Accelerator Demo Day

14 Dec 2015

WVII (Channel 7) and WABI (Channel 5) reported on Scratchpad Accelerator’s Demo Day where entrepreneurs gave investment-style pitches to an audience of supporters, strategic partners, the general public and potential investors. The four companies participated in the 12-week pilot program of the University of Maine in collaboration with the Maine Technology Institute. “It’s pretty exciting. They’ve really come such a long way in such a short period of time,” Jennifer Hooper, the communication director of Scratchpad Accelerator, told WVII. “Startup companies just need a lot of support. And in order for them to succeed and to grow fast, that’s what the accelerator has been all about.”

WABI covers annual basketmakers market

14 Dec 2015

WABI (Channel 5) covered the 2015 Maine Indian Basketmakers Holiday Market held at the Hudson Museum located

in the Collins Center for the Arts. The market featured members of the Maine Indian Basketmakers Alliance who have received national awards as well as artists representing the next generation of weavers. More than 50 artists were at the event demonstrating how to make baskets and displaying their intricate designs, according to the report. “Art and basketry in particular has been a very important part of our communities, our culture and economics,” said Jennifer Neptune, director of the Maine Indian Basketmakers Alliance.

Boston Globe reports on new Flagship Match financial aid program

14 Dec 2015

[The Boston Globe](#) and several other news organizations reported on a new financial aid program at the University of Maine that is geared toward out-of-state students in New England. UMaine’s Flagship Match is a competitive scholarship program that guarantees academically qualified, first-year students from several states will pay the same tuition and fee rate as their home state’s flagship institution. To keep enrollments up and money coming in, UMaine must attract more students from out of state, said Jeffrey Hecker, UMaine’s executive vice president for academic affairs and provost. “Enrollment in general is something we’re acutely aware of, and we’re working hard,” said UMaine President Susan J. Hunter. “All of this has become much more of a science because everyone is in this situation of competing for students. Every flagship campus is recruiting from their neighboring states.” [The Washington Post](#), [Boston.com](#), [Inside Higher Ed](#), [BostInno](#), [NJ.com](#), Maine Public Broadcasting Network, [NECN](#), WLBZ (Channel 2) and WVII (Channel 7) also reported on the program. [Money](#), [Mainebiz](#), [Boston magazine](#) and [MassLive](#) cited the Boston Globe report.

Borkum’s research focuses on link between migraine triggers, oxidative stress

14 Dec 2015

Migraines can be triggered by a variety of factors, including stress, sleep disruption, noise, odors and diet. Recent research by Jonathan Borkum, an adjunct associate professor of psychology at the University of Maine, indicates that many of these factors converge on a common pathway involving oxidative stress. When Borkum, a UMaine alumnus, examined studies on migraine triggers published between 1990 and 2014, he found nearly all traditional triggers had a propensity to generate oxidative stress, an imbalance between the production of reactive oxygen species (free radicals) and the ability of the body to counteract their harmful effects. The findings suggest antioxidants could help prevent or pre-empt migraines, according to a [Wiley](#) press release. “These data hint that an acute migraine attack may be an attempt by the brain to protect itself, and possibly — when you look at certain chemicals released during an attack — to heal itself,” Borkum said. “Understanding migraines may ultimately teach us how we, too, can protect the brain.” Borkum’s findings are documented in his paper, “Migraine Triggers and Oxidative Stress: A Narrative Review and Synthesis,” published in *Headache: The Journal of Head and Face Pain*.

UMaine community to pack 20,000 meals for local food pantries

14 Dec 2015

In honor of Martin Luther King Jr., members of the University of Maine community will pack between 20,000 and 30,000 meals for distribution to local food pantries on Jan. 23. The university recently was awarded a \$1,800 grant from Iowa Campus Compact to aid the MLK Day of Service Community Partnership Project. The project is a partnership between the UMaine Bodwell Center for Service and Volunteerism, Honors College and Office of Multicultural Student Life, as well as the University of Maine at Augusta Bangor campus. About 150 volunteers, including students, staff and faculty from both campuses and representatives from local food pantries, are needed to pack and distribute the meals from 9 a.m. to 12:30 p.m. at the Knights of Columbus Hall in Old Town. Volunteers can register [online](#). End Hunger NE, the New England regional office for Outreach, Inc., will provide ingredients and equipment. The organization also helps with UMaine packing events during Welcome Weekend. The Knights of Columbus Hall is donating the use of the facility. “Hunger is an issue that impacts our students as well as our communities,” says Lisa Morin, coordinator of the Bodwell Center. “Our students asked for the opportunity to serve not just their fellow students, but also the entire community. Through this project we will bring two campuses together to feed thousands of people during the post-

holiday season, which typically is hard for food pantries.” The project has budgeted for 20,000 meals, and is hoping grants, such as the Iowa Campus Compact award, and fundraising efforts will increase the amount to 30,000 meals. The Iowa Campus Compact grant is supported by federal funds from the Corporation for National and Community Service. Nearly \$85,000 was awarded to fund higher education community projects fighting hunger and serving veterans. The projects are being coordinated by 62 Campus Compact member colleges and universities in 25 states. UMaine, the only institution in the state to receive the grant, belongs to Maine Campus Compact, a coalition of 18 member campuses, whose goal is to catalyze and lead a movement to reinvigorate the public purposes and civic mission of higher education. “Campus Compact member institutions across the country have a strong history of honoring the work of Martin Luther King Jr. through service in their communities,” said Emily Shields, executive director of Iowa Campus Compact. “These funds will create even more opportunities for colleges and universities to build new partnerships and strengthen existing ones.” More information about the MLK Day of Service projects and grants is online. Donations for the UMaine event can be made through the [Bodwell Center](#). Contact: Elyse Kahl, 207.581.3747

Briar Pelletier: Exploring art from Maine to Japan

14 Dec 2015

Briar Pelletier, a University of Maine art history major from Lewiston, Maine, will study this spring at Hirosaki University in Aomori, Japan to learn about cross-cultural perspectives in contemporary Japanese woodblock printing. While abroad, she will be working on her capstone thesis “Art as Ambassadorship,” as well as assisting in a woodblock print exchange between Maine and Aomori artists as part of an international internship with [Friends of Aomori](#), a sister-state organization based out of Portland. “I am excited to be able to discuss cross-cultural perspectives and experience through art-making in my research by being directly involved with a print exchange between Maine and Aomori artists — from both sides of the world,” says Pelletier. For the past year and a half, Pelletier has interned at the University of Maine Museum of Art. She has assisted the museum with event planning, cataloging, exhibit preparation, and educational outreach. One of her favorite roles at the museum was being a teaching assistant for the [Young Curators program](#). “The experience has made me realize how much I want to work for an arts or cultural institution, and working here has provided me with many skills necessary for such a career,” she says. This semester, she also is working on a project for the Franco-American Centre on campus, exploring how younger members of Franco families identify with the culture. She is working with students from the [FAS 101](#) class, who are exploring the topic through art and writing. A small catalog and exhibit of the projects will be displayed and shared with the community at the Centre in February. In fall 2014, Pelletier transferred to UMaine from the University of Southern Maine. After she graduated from high school, she attended Maine College of Art for studio painting. Here she took her first art history course, which combined her passion for art and writing. “I think experiencing art school helped me realize what I truly wanted to do in the arts,” she says. “I returned to college several years later and feel more dedicated to promoting the arts and artists rather than art-making.” Pelletier, who also has a minor in studio art and international affairs, found a home in UMaine’s Department of Art after taking Michael Grillo’s art history course. He has remained an influential person throughout her studies. “Above all, Professor Grillo is an educator who will push you to be better and will stay in your corner to cheer you on while you are working towards your goals,” says Pelletier. “He pushes my stubborn self to take risks. He is an amazing advocate for students. I don’t know if I would be going abroad without the support of the Art Department, especially him.” Last semester, Pelletier was awarded the Paula E. Peer award at the UMaine Juried Student Exhibition, which will allow her to study abroad. She won the award after writing a compelling essay describing her inspiration for studying Japanese arts and culture, and how being immersed in the environment would enhance her studies. “Getting the opportunity to assist a contemporary print exchange between cultures, immerse one’s self into a foreign culture, and make international connections adds a dimension to my undergraduate experience that I never dreamed of being a reality for me,” says Pelletier. “At my old school, I could not picture myself going to Japan for academic research or taking on an international internship. Now I am doing both.” After graduating from UMaine in December 2017, Pelletier plans to move back to Portland and continue working with Friends of Aomori to make the printmaking exchange an annual event. Her ultimate goal is to have a career in the arts, preferably with a museum or a cultural institution.

Allan to lead hazing prevention webinar Dec. 17

15 Dec 2015

Elizabeth Allan, a University of Maine professor of higher education, will lead a webinar on “Preventing Hazing on Campus” on Thursday, Dec. 17. Lauri Sidelko, director of the UMaine Student Wellness Resource Center, and UMaine alumna Diana Haney also will take part. The fourth participant will be Rasheed Ali Cromwell, president of the Harbor Institute, an education consulting firm based in Washington, D.C. The online discussion is the first in a series that Allan is doing with the National Center on Safe Supportive Learning Environments, which is funded by the U.S. Department of Education’s Office of Safe and Healthy Students. Education Secretary Arne Duncan will introduce Thursday’s talk. Participants in the webinar will be able to:

- Define hazing,
- Identify three key components of hazing,
- Consider how hazing falls within a spectrum of interpersonal violence,
- Describe salient research findings about the nature and extent of hazing and the underlying motivations for hazing,
- Articulate challenges and opportunities related to hazing prevention,
- Depict examples of current hazing prevention initiatives, and
- Describe how educators and community members can play a role in hazing prevention.

Allan leads research efforts of the Hazing Prevention Consortium — eight universities that have partnered on comprehensive hazing prevention programs. She was principal investigator of the 2008 National Study of Student Hazing. More information about the webinar, including how to register is [online](#).

UMMA extends free admission with support from Bangor-based firm

15 Dec 2015

The University of Maine Museum of Art in downtown Bangor will extend its free admission policy for the public in 2016 and 2017 as the result of a gift from Deighan Wealth Advisors. The Bangor-based wealth management firm has a history of supporting the arts in the region and state. It is a longtime sponsor of the museum’s education and exhibition programs as a member of UMMA’s Community Partners Program. “As a community outreach resource for the University of Maine, the museum’s ability to offer free admission to the public is vital in our efforts to remove barriers that may prevent all citizens from enjoying the museum’s collections and changing exhibitions,” says George Kinghorn, UMMA director and curator. “We are very grateful for Deighan Wealth Advisors’ support of free admission. Because of its generous sponsorship, individuals, schoolchildren, special needs groups and others can visit often, view original works of art and have a significant museum experience.”

New issue of UMaine Today magazine online

15 Dec 2015

The Fall/Winter 2015 issue of UMaine Today magazine is now available [online](#). Feature articles focus on the state’s potato breeding program, preparing for the next spruce budworm outbreak, salamanders on Maine islands, protecting ecosystems with the restoration of large species and UMaine’s new ocean engineering research facility.

WVII covers Finals Week stress relievers

15 Dec 2015

WVII (Channel 7) reported on several stress-relieving activities offered to University of Maine students during Finals Week. Activities include visiting therapy dogs at Folger Library and stuffing a plush moose or bear in the Memorial Union. “I think it kind of brings back a piece of childhood,” said Brittney Smith, student activities and events specialist. “You’d be surprised how many college students actually want a stuffed animal.”

Innovate for Maine program seeking college students, companies, Mainebiz reports

15 Dec 2015

[Mainebiz](#) reported the University of Maine is seeking college students for an innovation and entrepreneurship fellowship program that includes paid internships with companies. The Innovate for Maine Fellows program from the university's Foster Center for Student Innovation connects Maine college students or residents attending college elsewhere with growing companies, according to the article. The program also is seeking companies looking for summer interns. "There are a number of Maine companies developing new innovations that are eager for talented students who understand the innovation process," said Renee Kelly, co-director of the Foster Center. "By matching students trained in Innovation Engineering with these companies, we hope to help the companies grow while helping Maine students see that there are great opportunities to work and stay in Maine after they graduate." The application deadline for both fellows and companies is Feb. 1. More information about the program is [online](#).

Media report on UMMA free admission extension

15 Dec 2015

The [Bangor Daily News](#), WLBZ (Channel 2), WABI (Channel 5) and [The Maine Edge](#) reported the University of Maine Museum of Art in downtown Bangor will extend its free admission policy for the public in 2016 and 2017 as the result of a gift from Deighan Wealth Advisors. The Bangor-based wealth management firm has a history of supporting the arts in the region and state and is a longtime sponsor of the museum's education and exhibition programs. More than 14,000 people from the region visit the museum each year, and the goal of the donation is to enrich people's lives by making admission free, according to WABI. "The opportunity for the museum to provide free admission allows Maine people to come in and enjoy the resources at [UMMA]," said George Kinghorn, the museum's director and curator. Jean M. Deighan, founder and CEO of Deighan Wealth Advisors, said she has always been inspired by the arts. As a child, her father, who came from a lower middle class Irish family, attended free exhibitions at museums in order to learn more about art, according to the BDN. "I hope many kids come in to this place and see something and get great ideas and go on to do something great," she said. "It's here for everybody, it's here to feed all of our souls and all of our lives."

UMaine Ph.D. student receives prestigious Switzer Environmental Fellowship

15 Dec 2015

Joshua Stoll, University of Maine Ph.D. candidate in the School of Marine Sciences, has been selected as a [Switzer Environmental Fellow](#) by the Robert and Patricia Switzer Foundation. This year, the Switzer Foundation awarded 22 fellowships of \$15,000 each for emerging environmental leaders who are pursuing graduate degrees and are dedicated to positive environmental change. "It is a huge honor to receive the fellowship and I feel incredibly privileged to be part of the Switzer network, which happen to also include several UMaine faculty such as Bridie McGreavy and Aram Calhoun," says Stoll. Stoll's research focuses on the transition toward ecosystem-based fisheries management in the Gulf of Maine and how different social institutions are impacting this change. He seeks to address pressing questions about the interplay between coupled social and ecological systems with the purpose of contributing to the long-term sustainability of the Earth's oceans and the communities that depend on them. For his dissertation, he is investigating how different institutions are shaping the structure of fisheries in the Gulf of Maine and how these emergent structures affect resilience. He is also involved in a collaborative research project through the [National Socio-Environmental Synthesis Center](#) (SESYNC) that deals with how fish and fishermen are shifting as a result of climate change. Stoll is co-founder of [LocalCatch.org](#), an international network of small-scale fisheries and community-based organizations committed to providing "local, healthful, low-impact seafood via community supported fisheries and direct marketing arrangements." He received a B.A in environmental studies from Bates College and a Master's degree in environmental management from Duke University's Nicholas School of the Environment before returning to Maine to pursue his Ph.D. "I owe a great deal of gratitude to the many people that have helped me succeed through mentorship, encouragement, and direct technical assistance," says Stoll. "I would even go as far as to say that the accomplishments that I am most proud of wouldn't have happened without the support of others." Though he says many individuals at the University of Maine have been instrumental to his success, he credits much to his adviser, Jim Wilson. "We have such different styles of working — his often frustrates me (and mine probably frustrates him) — but at a higher level, I am greatly appreciative of what he has taught me about the complexity of fisheries and for the incredible intellectual latitude he has

given me to explore and be creative,” says Stoll. Growing up on Maine’s rocky coast in Harrington and Portland, Stoll’s interests are rooted in his connection with the ocean. He has spent the last seven years working with small-scale fishermen across North America and also worked on a range of policy issues for the National Marine Fisheries service. “The value I see in being part of the Switzer network is the opportunity to connect with, learn from, and be inspired by other folks who are committed to conservation and community stewardship. These types of networks are so important,” says Stoll. Contact: Amanda Clark, 207.581.3721

Maine company farms year-round using organiponics at UMaine aquaculture center

15 Dec 2015

<https://www.youtube.com/watch?v=INsU6LhJmG8&feature=youtu.be> [Transcript](#) For 18 years, Jeff Walls of Stockton Springs has been on a mission to find a viable way to farm in Maine year-round. His solution? To farm using a method called organiponics. Organiponics combines gardening with hydroponics, a method of growing plants in water without soil. In Walls' system, waste from rainbow trout and worms provides nutrients to grow plants like kale, tomatoes and strawberries. In the process, plants filter the water for the fish, and excess waste from the fish and plant production feeds the worms. The result is a sustainable food system that produces vegetables and fish for consumption. Walls' company, Applied Ponics Technologies, is housed in Greenhouse #4 at the University of Maine's [Center for Cooperative Aquaculture Research](#) (CCAR) in Franklin. Located on Taunton Bay, CCAR's extensive facility houses a variety of fish hatcheries and aquaculture business incubators where entrepreneurs can get help with their business plans, secure investment capital and design full-scale commercial fishery farms. In this video, Walls talks about his food system and how CCAR has been an invaluable resource in helping him get his business started. To learn more, visit ccar.um.maine.edu. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** My name is Jeff Walls. I'm from Applied Ponics Technologies. Basically, what we're trying to do is utilize organic nutrient sources to raise plants and get away from standard agricultural practices, which are largely petro-chemically based. What we're using is fish and worms. We use the waste from both of those entities to grow our plants. In return, we're using the plants to filter the water that basically cleans it for the fish. We're trying to produce as much food as we can out of as little as possible. Even though it can't be classified as organic at this point, it's an organic hydroponic system, or organiponics is what it's actually called. Right now, what we've got in the system is rainbow trout, is what we're using for our fish species. We've done rainbows, brookies, brown trout. I've had shiners in these systems before. There's nothing that's off the table as far as what we want to try here in the system, because we just want to see what it can support. We want to create a year-round food production unit that we can do in this area. Warmer areas, it's easier to farm year round. In Maine, it's not so easy to farm year-round. We've got strawberries, tomatoes, cucumbers. We've got tons of kale. Lettuce and spinach are also very popular items for us. The University of Maine and the Center for Cooperative Aquaculture Research has been invaluable to me. My partner and I came up here one day. We were talking about starting this business, and I said, "There's a place in Franklin that does aquaculture. Let's call them up and see if we can get a tour of their facility." To have this resource right in our backyard, I don't think very many people understand how magnificent that really is, and what strides we can actually take as a state because of this resource. They've been absolutely phenomenal in helping me get this system set up, because they want to see this succeed, too. We just started doing farmers' markets this year, and we've seen a steady increase in business. It's super encouraging. People are very excited about it, and all indications are very positive for great growth in the future. [Back to article](#)

University of Maine offers new scholarship programs for in-state and out-of-state students

16 Dec 2015

UMaine's rollout of the Maine Matters program and the Flagship Match financial aid packages reaffirms UMaine's commitment to making higher education affordable for Maine students, and bringing the best and the brightest into the state — future leaders, community members and workforce. **Maine Matters** is aimed at reducing the cost of higher education for middle- income Maine families — those in the roughly \$30,000–\$75,000 income bracket. UMaine is committed to keeping education affordable for Mainers. It already offers students an array of strong programs, a vibrant community, a team of outstanding educators and staff, and a beautiful campus. This grant program will simply seal the deal for many Maine families considering the university. Educating Maine students in the state allows them to set

their roots here and build the foundation for a successful career in the state. A news release about Maine Matters is available [online](#). Part of the Maine Matters initiative includes **Maine Match**, aimed at keeping Maine students in Maine. Ten percent of the Maine students who are accepted to UMaine, but chose to go elsewhere, go to one of the other New England land grant universities. Through the Maine Match program, UMaine commits to matching any financial aid offer Maine students receive from any other New England land grant so that the net cost of choosing UMaine is the same or lower. This scholarship program takes cost out of the decision for Maine students. They will not choose an out-of-state flagship university based on affordability. **Flagship Match** — UMaine has identified six key states (New Hampshire, Vermont, Connecticut, Massachusetts, Pennsylvania and New Jersey) that provide the majority of our nonresident students. Fully 25 percent of out-of-state students who are accepted to UMaine, but go elsewhere, choose the flagship universities in these states. For students from these states in the top academic tier, the University of Maine will provide a merit scholarship so that tuition and fees match the price of tuition and fees at the flagship institution in the student's home state. A news release about Flagship Match is available online.

Related article

<https://umaine.edu/news/blog/2015/12/14/boston-globe-reports-on-new-flagship-match-financial-aid-program/>

Sport a holiday sweater, get a present

16 Dec 2015

Fans wearing a holiday sweater will pay half price to see the University of Maine women's basketball team play Clemson at 7 p.m. Friday, Dec. 18 at the Cross Insurance Center in Bangor. The fan sporting the best holiday sweater also will win a \$50 gift card for Buffalo Wild Wings. The Black Bears (8–4) are looking to extend their 10-game home winning streak. The Clemson Tigers (3–7) earned their first road win Sunday at Tennessee Technical University.

Annual Dr. Martin Luther King Jr. Breakfast Celebration Jan. 18

16 Dec 2015

The 2016 Dr. Martin Luther King Jr. Breakfast Celebration co-sponsored by the Greater Bangor NAACP and the University of Maine will be held Jan. 18 in the Wells Conference Center on campus. The family-friendly event will celebrate the life and legacy of King's service while offering inspiration through diversity and social commitment. The annual program runs from 8:30 to 10:30 a.m. and will feature food, music, a peace writing prize recognition and keynote address by Alison Beyea, executive director of the American Civil Liberties Union of Maine. Tickets are \$20 if purchased by Jan. 4, \$25 after; \$12.50 for children 12 and under; and free for students with a valid *MaineCard*. Senior citizens and veterans are eligible for a 10 percent discount. Table sponsorships for organizations or businesses are available for \$200 through Jan. 8. Registration is required and can be completed [online](#). For more information or to request a disability accommodation, contact Muna Abdullahi at muna.abdullahi@maine.edu or 581.1437.

UMaine cited in media reports on Winthrop company's sports gear, grant

16 Dec 2015

The [Bangor Daily News](#) and Maine Public Broadcasting Network reported Winthrop-based Alba-Technic is one of five companies in the country to receive \$250,000 to further develop technologies which could be used to protect against head injuries or other impact trauma. The company has developed a patented, shock-absorbent honeycomb material that is designed to dissipate the energy from a fall or hit, according to MPBN. The National Football League, Under Armour, GE and the U.S. Department of Commerce's National Institute of Standards and Technology announced the company's design was among the finalists in the Head Health Challenge III. Next year, an overall winner will be chosen and will earn the \$500,000 grand prize, according to the BDN. Alba-Technic has worked with the National Institutes of Health, the Veterans Health Administration research laboratory in Florida, and the University of Maine's Advanced Biomechanics Laboratory for Injury Reduction and Rehabilitation, the article states. The [Portland Press Herald](#) also reported on the company's award.

BDN cites Kelly in analysis on understanding, helping Maine entrepreneurs

16 Dec 2015

A 2014 paper written by Renee Kelly, director of economic development initiatives at the University of Maine, was cited in the [Bangor Daily News](#) article, "Before Maine can help entrepreneurs, it needs to understand them." In her paper, Kelly wrote the state is focused more on the seven technology sectors — biotechnology, composites and advanced materials, environmental technologies, forest products and agriculture, information technology, marine technology and aquaculture, and precision manufacturing — in which it chose to invest in the late 1990s. "An enhanced model for innovation in Maine could use a more networked approach that expands beyond the notion of sectors," Kelly wrote. "Social networks in this model are not the online platforms such as Facebook and LinkedIn. Rather, they are a system of personal and professional connections among individuals."

President Hunter appears on 'Bill Green's Maine'

16 Dec 2015

University of Maine President Susan J. Hunter was featured on an episode of "Bill Green's Maine" on [WLBZ](#) (Channel 2 in Bangor) and [WCSH](#) (Channel 6 in Portland). The segment touched on the background and goals of UMaine's first woman president. "I think of myself as somebody who leads the university from within the community, not someone who was dropped on top of it," said President Hunter, who began her full-time career at UMaine in 1991. Green called President Hunter a "visible, confident, straight-shooter who's determined to strengthen Maine's land grant university and its mission to educate the next generation of this state." "I work for the University of Maine, but I really think of it as I work for the people of the state of Maine," President Hunter said.

Joe Harasymiak named new UMaine football head coach

16 Dec 2015

University of Maine Director of Athletics Karlton Creech has announced that Joe Harasymiak will become the next University of Maine football head coach, effective Jan. 1, 2016. "I am extremely excited and honored to be chosen as the next head football coach here at the University of Maine," said Harasymiak. "To think of all of the great head coaches who have come through here, and to be selected to be part of that group, is humbling. I can't wait to get started." Harasymiak, who assumed the role as interim head coach on Nov. 24, 2015, becomes the 35th head coach in the 124th season of football at the University of Maine. His contract is a four-year deal at \$150,000 per year. Following a national search, Harasymiak emerged as the top candidate out of four finalists. "I am pleased to introduce Joe Harasymiak as our next football coach at the University of Maine," said Creech. "We are delighted for his ability to continue the excellence of Black Bear football and are excited for the opportunity for him to make a lasting impact on the program." Prior to his time in the interim role, Harasymiak served the past two seasons as the defensive coordinator and linebackers coach with the Black Bears. Under Harasymiak's eye, UMaine's defense ranked in the top three of the Colonial Athletic Association (CAA) and top 20 nationally in total defense. Harasymiak mentored six all-conference players during his time as defensive coordinator. Harasymiak was hired by the University of Maine in Feb. 2011 as a defensive assistant with the defensive backs. While an assistant with the defense, Harasymiak coached the Black Bears to the #1 ranked CAA pass defense while working closely with all-conference performer and NFL 4th Round selection, Jerron McMillian. In April of 2012, Harasymiak was promoted to head defensive backs coach where he mentored the CAA's top ranked pass defense in 2013 and coached all-conference member Kendall James who was selected in the sixth round of the NFL draft. Before his time at UMaine, Harasymiak served as a graduate assistant coach with the wide receivers and quarterbacks at his alma mater, Springfield College and was an assistant coach at Maine Maritime Academy in 2008. Harasymiak earned his Bachelor of Science in Physical Education from Springfield College in 2008. While at Springfield, he was a captain of the Pride football team in 2007. A full news release is available online.

K-12 students welcome to 'Follow a Researcher' to Falkland Islands

16 Dec 2015

For a second year, the University of Maine Cooperative Extension 4-H will connect K–12 students in Maine and around the country to UMaine researchers in the field as part of its Follow a Researcher program. The program aims to give students a glimpse into a scientist’s world by providing live expedition updates and facilitating communication between the youth and scientist. It is offered by UMaine Extension with support from UMaine’s Climate Change Institute (CCI) and the Maine 4-H Foundation. From Jan. 14 through Feb. 13, participants will watch as Kit Hamley, a graduate student at CCI, travels 300 miles off the southeastern coast of South America to the Falkland Islands, home to some of the world’s largest penguin, seal and seabird colonies. Hamley, who is pursuing a master’s degree in quaternary and climate studies, is researching an extinct species of fox called the warrah. The animal was the only native terrestrial mammal in the Falklands at the time of European arrival in the 1760s, Hamley says, and the last one was hunted to extinction in 1856. Using field and laboratory techniques, she hopes to learn how and when the animal arrived in the Falklands. Educators and students will be able to communicate with Hamley through live Twitter chats during her expedition, as well as classroom visits before and after her trip. <https://youtu.be/E-07IUJsgm0> “Getting to share my research with kids makes my work feel more meaningful,” Hamley says. “I think part of that comes from looking at my research through their eyes. I have to be able to explain what it is I do to 7-year-olds, which means that I have to look at it from a new and different perspective and that makes it really exciting.” In advance of the weekly question-and-answer sessions, prerecorded videos of Hamley explaining aspects of the expedition and research will be released. The videos were created to spark discussion among students and are aligned with Next Generation Science Standards. Throughout the expedition, Hamley says she will use three disciplines: paleocology, the study of past ecosystems and their changes through time; archeology, the study of past human history of a place; and paleontology, which she will use while looking at fossilized warrah bones in order to determine what the animals ate and how long they were on the islands. “By integrating, using and fusing these three different disciplines, I’ll really be able to begin diving into my hypothesis, which is that perhaps humans had reached the islands before Europeans got there, and perhaps just as we do today with our dogs, they decided to bring the warrah along with them and then had to leave it in the islands for whatever reason,” Hamley says. This will be Hamley’s second research expedition to the Falklands, as well as her second experience with Follow a Researcher. In March 2015, schoolchildren from 43 sites around the country, including 26 in Maine, participated in the program’s pilot year. Students and teachers chatted with Charles Rodda, a doctoral student at CCI, while he collected snow and ice from glaciers high in the Andes of Peru. Hamley, who was a research assistant on the trip, helped Rodda answer students’ questions. “I knew from my experience with the FAR program in Peru that this was in a way, sort of my calling. I have always loved to teach but I also love being a scientist. This program perfectly fuses those two passions, and I knew that I wanted to be part of that,” she says. Since November, Hamley has visited three Maine schools and one in her home state of Montana to start connecting with students ahead of her trip. “I want the students to feel comfortable with me, and not think of me as a scientist, but as a normal person, who also does cool science,” she says. “It’s my hope that if they can connect to me, then it’ll make becoming a scientist seem more achievable for them. This is a message that I am really hoping inspires all students, and especially girls. I’m hoping that seeing a female scientist role model will inspire girls to pursue science.” The first live Twitter chat will take place Wednesday, Jan. 6 while Hamley visits students at Hudson Elementary School; her last classroom visit before leaving Jan. 14. For more information, to request a disability accommodation or to join the virtual expedition, contact Jessy Brainerd at 207.581.3877 or jessica.brainerd@maine.edu. More information about the program is [online](#). A question-and-answer with Hamley is online. Contact: Elyse Kahl, 207.581.3747

Kit Hamley: Engaging schoolchildren in Falkland Islands research expedition

16 Dec 2015

This winter, University of Maine graduate student Kit Hamley will research an extinct species of fox called the warrah in the Falkland Islands. While on her expedition, the Bozeman, Montana native will connect with K–12 students in Maine and around the country through Twitter chats as part of UMaine’s Follow a Researcher program. From Jan. 14 through Feb. 13, participants will watch as Kit Hamley, who is pursuing a master’s degree in quaternary and climate studies, travels 300 miles off the southeastern coast of South America to the Falkland Islands to research the animal. The warrah, Hamley says, was the only native terrestrial mammal in the Falklands at the time of European arrival in the 1760s, and the last one was hunted to extinction in 1856. Using field and laboratory techniques, she hopes to learn how and when the animal arrived in the Falklands. Hamley says she will use three disciplines: paleocology, the study of past ecosystems and their changes through time; archeology, the study of past human history of a place; and paleontology,

which she will use while looking at fossilized warrah bones in order to determine what the animals ate and how long they were on the islands. <https://youtu.be/E-07IUJsgm0> “By integrating, using and fusing these three different disciplines, I’ll really be able to begin diving into my hypothesis, which is that perhaps humans had reached the islands before Europeans got there, and perhaps just as we do today with our dogs, they decided to bring the warrah along with them and then had to leave it in the islands for whatever reason,” Hamley says. This will be Hamley’s second research expedition to the Falklands, as well as her second experience with Follow a Researcher. **How will this trip to the Falkland Islands be different from your last?** I went on a trip to the Falklands last December. That trip ended up being a really valuable trip for figuring out how research in the Falklands works. It is difficult to plan and execute an expedition from far away and have it be 100 percent successful. We had high expectations for the last trip and ran into a lot of challenges in terms of what samples we were able to collect. Now we have the valuable knowledge and are better



prepared for this expedition.

I also am a year further into my research so my project is much more developed, so I am more prepared in terms of knowing exactly what data I want to collect and where I want to collect it from. We also have a new corer that will be able to get through the extremely dense peat that is present throughout the islands, so we are more prepared with our research equipment, as well. This trip will also be different in the sense that I will have a lot of virtual followers from the Follow a Researcher program, which I am thrilled about. **Describe your role in the last Follow a Researcher (FAR) expedition:** On the last expedition, I was part of the two-person research team that was coring ice in Peru. Charles Rodda was the primary researcher and I was there as a research assistant. So I wasn’t as directly involved in the FAR program since it was more or less born right before the expedition left. On the trip I helped field a lot of the questions that kids were asking and did most of the typing because I had faster/smaller fingers for typing on the tiny keypad, and we had to keep up with all of the questions coming in. I feel so lucky that I got to go on that expedition because I got to experience a new field of scientific research, it was an incredible adventure and it connected me to the FAR program, which I immediately fell in love with. From our end of things, the FAR Peru program was us huddled on a glacier fielding incoming questions from K–12 students. We had no idea how they were using the program in the classroom. When we got back to Cusco after six weeks in the field, we saw a WABI-TV news piece where they had visited Hudson Elementary School during one of the live Q&A sessions with us. It actually brought tears to my eyes to see the interviews with the kids who had been following along and to hear about all they had learned and to see how they had been interacting with the program. I think I was extremely exhausted from the expedition, but I also think it is a really powerful thing to take what you love doing and share that with kids in a meaningful way and to inspire them. **What was your favorite part of being involved with the FAR program?** Getting back to Cusco and seeing how the students had been using and interacting with the FAR program made the research feel so much bigger. I have found that has been true for my research as well during this year’s FAR. Getting to share my research with kids makes my work feel more meaningful. I think part of that comes from looking at my research through their eyes. I have to be able to explain what it is I do to 7-year-olds, which means that I have to look at it from a new and different perspective and that

makes it really exciting. **Why did you decide to take part again?** I knew from my experience with the FAR program in Peru that this was in a way, sort of my calling. I have always loved to teach but I also love being a scientist. This program perfectly fuses those two passions and I knew that I wanted to be part of that. At a meeting after we got back from Peru, I showed the other FAR folks a picture of some penguins that I took in the Falklands, and said “Want to go to the Falklands next?” and there was a resounding “Yes!” and it’s been history since that. We have had a lot more time to prepare for this expedition and we have the Peru experience to build off of, so I am excited to see how FAR Falkland Islands goes. **What are you most looking forward to this time?** I’m looking forward to everything about it. I have started classroom visits and have had an absolute blast so far with those. I’m excited to get to make connections with students before, during and after the expedition.



Sometimes this is hard to do, because scientists I think have a bit of a reputation for not being the most accessible people in a lot of ways. I want the students to feel comfortable with me, and not think of me as a scientist, but as a normal person, who also does cool science. I try to emphasize that in my classroom visits, that I am a person who likes to ski, whitewater kayak, raise chickens, and has a cat who likes to go on adventures. It’s my hope that if they can connect to me, then it’ll make becoming a scientist seem more achievable for them. I also am looking forward to getting to connect them to the Falkland Islands, which are amazing. **What will you do differently?** There are a number of things we are trying to build on from last time. That being said, last time was an incredible first run of this program and blew any expectations that anyone had for it out of the water. I am trying to fit in as many classroom visits as possible beforehand. I have six schools lined up right now and more than 20 individual classrooms, which I am thrilled about. I think that making a personal connection with the students will make a huge difference to how invested they are in the rest of the FAR program. I also think that personal connection is immensely important for showing the students that scientists can be accessible, fun, adventurous people and that they can become scientists too if they want to. This is a message that I am really hoping inspires all students, and especially girls. I’m hoping that seeing a female scientist role model will inspire girls to pursue science. I also will try to follow up after the expedition with as many classrooms as possible, especially those that really actively participated. We are also going to do a final celebration at the Maine Science Festival in Bangor on March 18. We are trying to make a lot of the video modules — that get released for classroom use each week of the expedition — more interactive and engaging. Making the FAR program materials as easy to integrate into classroom curricula as possible is one of our major goals.

Testing underway for wave energy devices, \$2.25 million U.S. DOE prize

17 Dec 2015

The Harold Alfond W2 Ocean Engineering Lab at the University of Maine Advanced Structures and Composites Center

is one of five U.S. facilities competitively selected to conduct 1:50-scale testing as part of the U.S. Department of Energy (DOE) Wave Energy Prize this December. The Wave Energy Prize is a 20-month design-build-test prize competition that seeks to drive game-changing innovations in wave energy devices through a rigorous testing program. UMaine will be subjecting the wave energy devices to scale wave conditions to generate performance data that will allow a panel of judges selected by the DOE to evaluate the teams. UMaine will be testing three wave energy devices as part of this program. Led by Krish Thiagarajan, UMaine's Correll Chair in Energy and the principal investigator of the project, the program is a unique opportunity for supporting groundbreaking research and development in wave energy systems. The winning team of the DOE Wave Energy Prize will receive a \$1.5 million award; the second-place team will receive \$500,000; third place will receive \$250,000. "We are extremely pleased to have been chosen, after a national competition, as one of five U.S. facilities to conduct testing for this national Wave Energy Prize," said Habib Dagher, director of the UMaine Advanced Structures and Composites Center. "Helping identify the best ideas in the U.S. to convert wave energy into electricity is yet another way that UMaine participates in developing clean, low-cost, domestic renewable energy." [RTI Wave Power](#) of York, Maine, led by John W. Rohrer, started testing its sixth generation RTI F2 QD, a 1:50-scale wave energy converter (WEC) on Dec. 15. RTI has developed and tested advanced wave energy technologies in wave tanks for the past seven years, and holds six U.S. and international wave energy patents. RTI also has an additional six patents pending. RTI's technical philosophy states that, in order to produce a WEC that's economically viable, it has to intercept a maximum amount of wave front while utilizing the smallest possible volume of surface float. RTI F2 QD is a wave terminator-type WEC that utilizes an elongated wave front parallel float and a semi-submerged twin spar vertical spar frame. At full scale, the RTI design would be 28 meters wide, weigh about 200 tons, have an installed cost of approximately \$2 million to \$3 million per unit — making it competitive with solar and wind farms — and has a peak output of 1.5 MW per unit — enough to power more than 1,000 homes. RTI will be testing its design in the Harold Alfond W2 Ocean Engineering Laboratory for the remainder of the week. [Oscilla Power](#) of Seattle, Washington conducted pretesting of its 1:50-scale Triton™ WEC at UMaine in late November. Developed over six years and protected by 16 granted patents, Triton is a two-body, multimode point absorber consisting of a catenary moored surface float and a suspended asymmetric heave plate. Key elements of Triton's value proposition include high energy capture, high survivability, low maintenance needs and simple installation, all of which will lead to a low cost of electricity. Tim Mundon, Oscilla Power's director of marine operations, stated: "We were extremely pleased that the tests confirmed our best-case power and damping predictions, and that we were able to see a very close match to our numerical model. We are looking forward to returning to UMaine for the official WEP testing in January." Oscilla Power envisions a world where wave energy is competitive with other renewables in numerous high-demand locations around the world and believes that the significant technological advancements incorporated into the Triton WEC will enable this vision to become a reality. [Float Inc. — Berger/ABAM](#) of San Diego, California will be testing its WEC in January. The WEC developed by this team, led by Neal A. Brown and Markus Wernli, is called the Rho-Cee, which is an impedance-matched, optimizable, multiband oscillating water column terminator — to be constructed in reinforced concrete. Float Inc. is a small, high-technology organization known for development of the pneumatically stabilized platform concept that was considered and successfully tested for the DARPA Mobil Offshore Base. According to Float Inc., other vital team members are Seattle-based Glostest Associates, a naval architecture firm; and U.K.-based Trident Energy, builder of the linear generators that form the heart of the power take-off system that controls the WEC's wave-matching input impedance. Berger/ABAM and Float Inc. have a working relationship that extends over nearly 20 years. "We look forward to working with these private companies and entrepreneurs to help them test and potentially optimize their devices," says Anthony Viselli, manager of the UMaine facility. "We will be helping these companies test the new devices, particularly determining their ability to convert wave energy to power." "This project is a great opportunity for UMaine to utilize the unique capabilities of our Alfond W2 Ocean Engineering Lab and to strengthen our ongoing partnerships with the U.S. Department of Energy and the ocean energy industry," said Thiagarajan, who also has conducted on-campus independent research on wave energy at the Marine Ocean and Offshore Research (MOOR) 8-meter-long wave flume. The Harold Alfond W2 Ocean Engineering Lab at the University of Maine Advanced Structures and Composites Center is a unique facility equipped with a high-performance rotating wind machine over a multidirectional wave basin. The facility accurately simulates scaled wind and wave conditions that represent some of the worst storms possible anywhere on Earth. It also is capable of conducting towing tests and testing at variable water depths. This world-class ocean engineering facility assists businesses in developing products for the marine economy while offering hands-on training for students. These products include improved boat and ship hulls; ocean energy devices such as wind, wave and tidal energy; aquaculture technology; oil and gas structures; waterfront infrastructure (such as bridges, piers, docks and port facilities); and systems to protect coastal cities from effects of erosion and extreme storms. 1:50-scale testing for the Wave Energy

Prize at UMaine has begun and continues through January 2016. More about the DOE Wave Energy Prize is [online](#).
Contact: Josh Plourde, 207.951.5650

Smith's artwork included in Boston Globe review of Portland museum exhibit

17 Dec 2015

Owen Smith, a new media professor and director of the Intermedia MFA program at the University of Maine, was one of the artists featured in a [Boston Globe](#) review of the Portland Museum of Art's exhibition, "[You Can't Get There From Here: The 2015 Portland Museum of Art Biennial](#)." Smith's piece is made of four TV screens suspended from the ceiling, inches from the floor, according to the article. To view the footage of sky on the screens, visitors must lie down on mats, the article states.

Joe Harasymiak named new football head coach, media report

17 Dec 2015

The Associated Press, [Bangor Daily News](#), [Portland Press Herald](#), WVII (Channel 7), WABI (Channel 5), WLBZ (Channel 2), [WMTW](#) (Channel 8 in Portland), [Sun Journal](#) and [92.9 FM The Ticket](#) reported University of Maine Director of Athletics Karlton Creech has announced that Joe Harasymiak will become the next UMaine football head coach, effective Jan. 1. Harasymiak, who assumed the role as interim head coach on Nov. 24, becomes the 35th head coach in the 124th season of football at UMaine. Following a national search, Harasymiak emerged as the top candidate out of four finalists. "I am extremely excited and honored to be chosen as the next head football coach here at the University of Maine," Harasymiak said. "To think of all of the great head coaches who have come through here, and to be selected to be part of that group, is humbling. I can't wait to get started." [ESPN](#), [USA Today](#), [FOX Sports](#), ABC News and Miami Herald carried the AP report.

Shahinpoor named National Academy of Inventors Fellow

17 Dec 2015

University of Maine mechanical engineering professor Mohsen Shahinpoor has been named a Fellow of the National Academy of Inventors (NAI). Election to NAI Fellow status is a professional distinction awarded to academic inventors who have demonstrated a prolific spirit of innovation in creating or facilitating outstanding inventions that have made a tangible impact on quality of life, economic development and the welfare of society. Shahinpoor currently is the only NAI Fellow in the University of Maine System. The 168 peer-nominated academic inventors and innovators elected in 2015 bring the total number of NAI Fellows to 582 — representing more than 190 research universities, as well as governmental and nonprofit research institutions. The 2015 Fellows account for more than 5,300 issued U.S. patents, bringing the collective patents held by NAI Fellows to more than 20,000. The academic inventors have made a significant impact to the economy through innovative discoveries, creating startup companies, and enhancing the culture of academic invention. NAI Fellows will be inducted on April 15 as part of the fifth annual Conference of the National Academy of Inventors at the United States Patent and Trademark Office (USPTO) in Alexandria, Virginia. Shahinpoor established and directs UMaine's biomedical engineering and robotics programs. He has had many inventions in smart materials, artificial muscles, ionic polymers, biomimetic soft robotics, advanced nanocomposites, heart assist devices and systems, bionic vision and ophthalmological engineering, and neuro- and endovascular surgical tools and medical implants. His awards include a NASA Space Act Award, Sandia National Laboratories Research Excellence Award and U.S. Society of Professional Engineers Engineer of the Year Award. His work has led to more than 32 patents, mostly in health engineering and medical implants. Shahinpoor published a textbook on robotic surgery in 2014. He also is a fellow of the American Society of Mechanical Engineers, Institute of Physics and Royal Society of Chemistry. NAI is a nonprofit member organization made of U.S. and international universities, and governmental and nonprofit research institutions. It was founded in 2010 to recognize and encourage inventors with patents issued from the USPTO, enhance the visibility of academic technology and innovation, encourage the disclosure of intellectual property, educate and mentor innovative students, and translate the inventions of its members to benefit society.

Lehnhard quoted in Maine Women article on physical education changes

18 Dec 2015

Robert Lehnhard, an education professor at the University of Maine, was quoted in the [Maine Women](#) article, "The new PE: Less competition, more fitness." Lehnhard, who studies fitness involving school-aged kids, has found students who progressed through 12 years of school were "significantly less fit when they finished than when they started," according to the article. Lehnhard said the cuts to school's physical education programs and the time allotted to PE are more likely causes than the curriculum. "Having PE twice a week for 40 minutes; no one's going to get fit with that," he said. "If we did that with reading, no child would be able to read."

BDN publishes op-ed by Allen

18 Dec 2015

The [Bangor Daily News](#) published the opinion piece, "We've viewed nature as something to dominate. Now, we live with consequences," by Doug Allen, a philosophy professor at the University of Maine.

Doctoral students speak with Current Publishing about Bridgton science center

18 Dec 2015

University of Maine doctoral students Amy Kireta and Brett Gerard were quoted in a Current Publishing article on the newly opened Maine Lake Science Center in Bridgton. After seven years of planning by the Lakes Environmental Association, the year-round facility opened in June to attract scientists and educators from Maine and beyond, to conduct lake-related research, according to the article. Kireta, who is studying the effects of climate change on water quality in the Great Lakes, stayed at the center during the summer while completing an internship with the association, the article states. "It was terrific," Kireta said. "I think it's an excellent place. I hope to work there again in the future. I live three hours away. Having the facility allowed me to stay down there and work night and day." Gerard, who is studying the condition of lowland tributaries within the Sebago Lake watershed, also stayed at the center throughout the summer. During his visit, the Lakes Environmental Association's milfoil control team helped him install a flow meter in the Songo River to help with his studies, the article states. "I used Maine Lake Science Center as a home base to go out and do work everyday," Gerard said. "Sebago is about 2.5 hours away from the university. The work we do takes at least a day at a time. It allowed us to go down there and spend multiple days. It's a great station to base field expositions out of."

Down East lobster tank and bait box company expands with help from UMaine

21 Dec 2015

<https://www.youtube.com/watch?v=1A88taItJLc&feature=youtu.be> [Transcript](#) Tom St. Claire's specialty is designing and manufacturing unique items out of plastic. As the owner of Sullivan Plastic Products in Sullivan, Maine, St. Claire is skilled at customizing rugged, durable products from high-density polyethylene (HDPE). Originally, the Down East company's clients were fisherman in need of custom-built lobster tanks and bait boxes for their boats. It wasn't until St. Claire partnered with UMaine that he was able to expand his business to clients outside of the commercial fishing industry and around the country. He has created snowboard and skateboard pipe rails, custom storage boxes, and water-tight holding tanks for RVs, campers and boats. He has also built several 9,000-gallon water tanks for the University of Maine's Center for Cooperative Aquaculture Research. In this video, St. Claire talks about his experience with UMaine's Innovate for Maine Fellows Program and how the program was vital to his company's growth. The Innovate for Maine Fellows Program is managed by the University of Maine, and connects college students with Maine companies and business leaders. Internships provide support for students as they gain meaningful hands-on experience working on innovation-based company projects that accelerate growth. The program emphasizes entrepreneurship and innovation in an effort to help grow and create jobs across the state. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** We custom fabricate, mostly from polyethylene, a lot of tanks and a lot of things for fishermen and for the aquaculture industry. The

beginning of the business was all about the tanks for the lobstermen to put on their boats, and bait boxes. I realized very quickly you can't depend on that. It's too seasonal, and I had all my eggs in one basket. The idea is I need to get out and try to figure out how to make this business go in a different direction. The university wound up being a big part of that. They were the ones that introduced the Blackstone Group and the Intern Program. An intern spent his time working on the website, and it changed everything for us, literally. The hits I get now on the website, two, three, four a week -- and we used to get two or three in six months sometimes. That program through the university really helped us, and it made it so that I was just able to hire an employee. I do work with the university, I do work for the fishermen. I think the part I like is being able to invent and help people solve problems. You tell me what the function needs to be, and then my job is to figure out how to turn that plastic into the thing that meets your needs. [Back to article](#)

Maine company grows California yellowtail at UMaine's Aquaculture Center

21 Dec 2015

<https://www.youtube.com/watch?v=pe7SwvL3wPQ&feature=youtu.be> [Transcript](#) The University of Maine's [Center for Cooperative Aquaculture Research \(CCAR\)](#) is a leading resource for startups and established companies in aquaculture. Located on Taunton Bay in Franklin, Maine, CCAR's extensive facility houses a variety of fish hatcheries and aquaculture business incubators where entrepreneurs can get help with their business plans, secure investment capital, and design full-scale commercial fishery farms. One company that had its beginnings at CCAR is land-based indoor fish farm Acadia Harvest Inc. The company used the facilities to experiment with novel sustainable feeds and develop advanced recirculating aquaculture systems. In partnership with CCAR, Acadia Harvest produces high-quality sustainable marine seafood, such as California yellowtail and black sea bass, which it sells to distributors in Maine, Boston and San Francisco. The company is in the process of designing a large-scale production facility in Hancock County that would produce 1 million pounds of fish a year, bringing several million dollars annually in revenue and creating more than 20 new jobs. In this video, Acadia Harvest chair and CEO Ed Robinson talks about the company and how its early partnership with CCAR was essential to its success. To learn more, visit ccar.um.maine.edu. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. We're a land based aquaculture company. We're growing warm-water, salt-water species indoors, and we're selling them to distributors in Maine, Boston, and San Francisco. The primary fish that we're growing is called California yellowtail. They're in very high demand for primarily Asian restaurants, sushi and sashimi use. Also, very good for broiling, grilling, sautéing as well. Then we're experimenting with a second fish called black sea bass. That's very popular for baking and broiling, a plate-sized fish. Both of these fish are heavily over-harvested in the ocean, and demand often exceeds supply, so we're trying to fill that supply with a fresh Maine-grown product. The idea was to use novel technology to minimize the waste production, and to make that fish more sustainable through the use of feeds that don't require anchovies, herring, and menhaden, and ocean species of that sort. Our critical partner throughout has been the University of Maine, Center for Cooperative Aquaculture Research here in Franklin. We've been doing work here for more than three years now, several different species. Another critical partner was Coastal Enterprises, and MTI, the Maine Technology Institute. They were involved with this early on giving us some small grants to help us develop an initial business plan to look at a design of a facility. Among the three of them, they've been absolutely fantastic partners. Really helped us take our business forward. It's a tremendous advantage to be able to come in here and say I want to run a small experiment with a few fish. See what we learn, and then talk about going to the next stage. The fish in here range in size right now from about one pound to three pounds, and we start harvesting around two pounds all the way up to six or seven pounds. Maine has a tremendous history in the seafood fisheries industry and our hope is that we can rebuild some of that base here, and create some jobs here in Maine. [Back to article](#)

Blue Current Brewery: American sake business gets started with help from UMaine

21 Dec 2015

<https://www.youtube.com/watch?v=rQPWBwEiTPU&feature=youtu.be> [Transcript](#) Dan Ford, president and master brewer of Blue Current Brewery, first started experimenting with sake (Japanese rice wine) when he bought a homebrew kit. Now he is one of the top 100 master sake tasters in the world, and the proud owner of New England's first sake brewery. With help from the University of Maine, Ford was able to get his unique business started. Realizing early on that sake brewing equipment could only be found overseas, Ford sought the expertise of specialists at the

University of Maine. Ford collaborated with UMaine's [Advanced Manufacturing Center](#) to help him design and build the equipment he needed. UMaine Cooperative Extension Food Safety Specialist Jason Bolton helped him design a facility that could safely produce his high-quality product. In this video, Ford talks about the sake brewing process and how the University of Maine was an invaluable resource to his company. To learn more about the services offered through UMaine's Advanced Manufacturing Center and Cooperative Extension, visit, umaine.edu/amc and extension.umaine.edu. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev.

Transcript Hi, I'm Dan Ford, Blue Current Brewery. I'm the master brewer and president of Blue Current Brewery here in Kittery, Maine. Blue Current Brewery is a saké brewery. It's made from rice, koji, yeast, and water. Koji is *Aspergillus oryzae*, similar in mold to penicillin. It's used in fermented foods in Japan. It basically allows you to access sugars that normally would not be accessible. Koji takes 54 hours to grow. It sort of propagates across kernels of rice. At the end of 54 hours, our koji comes back into our fermentation room, and it is mixed with steamed rice, our water, and our yeast. It's the most difficult thing to brew in the world. It's multiple parallel fermentation. This is our rice steamer that University of Maine built for us. John Belding from the Advanced Manufacturing Center said, "Hey, why don't you give us a shot at designing it and building it?" The students built it. It'll cook roughly 500 pounds or 200 kilograms of rice at a time, which is amazing. We've done a lot of problem solving. Dan came up to the University of Maine for some testing of different equipment. He came up to the University of Maine pilot plant. We did a whole bunch of things there. In addition to that, we've worked on testing of alcohol in his final product, his saké, bottling equipment, all kind of things like that. All the equipment that you see here had to be designed and built specifically for making saké. I went as far as I could, but University of Maine was a key that helped me unlock a lot of potential for me with steaming rice and being able to do a lot of technical things that I wasn't able to overcome. We're American saké. From that, we've developed a taste that is suitable and we think is approachable for the market of Americans. It's a little sweeter, gluten-free, sulfite-free, and tannin-free. We're in Portland restaurants all around Portland. You can find us in most any Hannaford. [Back to article](#)

UMaine Food Safety Specialist Jason Bolton a resource to food entrepreneurs

21 Dec 2015

<https://www.youtube.com/watch?v=wqoEoorBRE8&feature=youtu.be> **Transcript** Starting a business in the food industry can be challenging. State licenses, permits, inspections, sanitation procedures and product testing are a few of the hurdles an entrepreneur will face. For many, the foremost question is "Where do I begin?" Fortunately, the University of Maine Cooperative Extension provides guidance for food entrepreneurs. Food safety specialist Jason Bolton is an expert in food processing, manufacturing, facility design, equipment, food testing and more. As part of his job, he travels throughout Maine helping new and established companies manufacture food efficiently and safely. In this video, Bolton talks about the types of services he provides and the relationships he has had with Maine businesses. To find out more about these and other services offered through UMaine Cooperative Extension, visit umaine.edu/food-health/food-safety. For more information about other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev.

Transcript Jason Bolton, Food Safety Specialist, University of Maine Cooperative Extension. I work with food companies and beverage companies across Maine in all 16 counties. I work with companies that are single owner and operator all the way to companies that might employ 200 people. It could be anything from just a simple regulatory interpretation, "I don't understand if I have to have this license or that license," all the way to courses where they will get HACCP certified or sanitation certified. It's the whole gamut of things along with a whole spectrum of food products that are made in Maine, anything from lobster processors, sake, beer distillates, slaughter facilities, you name it. For the most part, if it's food manufacturing, then I work with that company to help them out in any way that they really need help with. Our business has really taken off, much more than I had anticipated, so we have plans for an addition on the building. I've been working with Good To-Go now for about two years. They sent in products for testing to the food processing and product review lab or the process authority lab, so we got a chance to see their products, see their processing. They were really great products. Jason Bolton from The University of Maine has come and sat with David and I and gone over how we can grow our facility, layouts, materials, equipment. Right now they're at the point where they need to figure out the most efficient way to use the facility that they're planning on growing into, so helping them with the placement of things has been really key. My position, the food safety specialist, is essentially funded by the Maine Economic Improvement Fund, MEIF. That fund was really created to help with economic growth in the state of Maine. I met Dan through a mutual partner and collaborator, Bill Whittier from Maine Manufacturing Extension Partnership. From there we were looking at ways to help Dan develop different processes in addition to preventing any

food-borne illness through sanitation practices. University of Maine, really, was sort of a key that helped me unlock a lot of potential for me with steaming rice and being able to do a lot of technical things that I wasn't able to overcome. Dan came up to the University of Maine Pilot Plant. We did a whole bunch of things there. In addition to that, we worked on testing of alcohol in his final product, his sake, bottling equipment, all kinds of things like that. He's also now become an integral part of the Brewing with Food Science course taught at The University of Maine, so it's a really neat relationship that develops with a lot of my clients. I help food companies with all kinds of things to get them to produce all kinds of products safely and efficiently. [Back to article](#)

Good To-Go: Gourmet meal business expanding with guidance from UMaine Cooperative Extension

21 Dec 2015

<https://www.youtube.com/watch?v=IVO4oo1OvtU&feature=youtu.be> [Transcript](#) When Jennifer Scism first started making dehydrated backpacking meals to satisfy her own tastes, she had no idea it would lead to the successful business she has today. Located in Kittery, Maine, Scism's company Good To-Go makes a variety of lightweight gourmet meals sold in stores around the United States. Co-owner of a nationally recognized New York restaurant and former competitor on the popular television show "Iron Chef," Scism is an accomplished chef. Yet when she decided to start a food processing business, Scism realized she needed some guidance. So she turned to the University of Maine to help formulate a food processing plan. She also took a food safety HACCP course and is now consulting with UMaine Food Safety Specialist Jason Bolton on the best way to expand her production space. In this video, Scism talks about her rapidly growing business and the role UMaine has played in helping her get her business started. To find out more about these and other services offered through UMaine's Cooperative Extension, visit umaine.edu/food-health/food-safety.

For more information about other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. [Transcript](#) My name is Jennifer Scism. The business is Good To-Go Foods, and we're in Kittery, Maine. We make all-natural dehydrated meals. I started doing this just for myself. My husband is an avid backpacker. I had never done any backpacking. I was a chef in New York City. We collided in our interests, and I started making food, really with no idea to turn into a business. People really liked the food, so that's when I started doing all the research. Actually UMaine was part of that, because I had no idea how to go into food processing. The Department of Ag came in, and the inspector steered me to what my next steps were. One was that you can't just go and sell your food. You have to have a process review. That's when I contacted the University of Maine, so they would go through my process, and make sure that it was safe. Right now, all our products are gluten-free. I have smoked chili, risotto. Thai curry was a no-brainer, and that's my comfort food, and the classic marinara. Our business has taken off much more than I had anticipated. Originally, we just started selling here in Maine. Now we're in every state in the Union. Last April was our first sales. We sold 162 meals, and this last month we're selling over 10,000 a month. We started, and we still are, in a small Cape house. We do need to grow, and we have plans for growth, an addition on the building. Jason Bolton from the University of Maine has come and sat with David and I and gone over how we can grow our facility, layouts, materials, equipment. It's all about having your business flourish in Maine, staying in Maine, and also doing it safely. [Back to article](#)

UMaine's Advanced Structures and Composites Center a resource to businesses and students

21 Dec 2015

<https://www.youtube.com/watch?v=EjSH6jYRzIY&feature=youtu.be> [Transcript](#) The award-winning Advanced Structures and Composites Center at the University of Maine is a world leader in the design and manufacture of composites and structures. Over the last 20 years, the UMaine Composites Center has engineered structures for NASA, the U.S. Army Corps, the Department of Homeland Security, and hundreds of other organizations and businesses around the globe. The center is unique in its ability to develop and test products ranging in size from microscopic nanoparticles to wind blades over 20 stories tall. Wind blades are tested on the center's reaction floor, which is the largest testing site of its kind in the United States. The facility also houses new laboratories specializing in the rapid manufacture of thermoplastic composites and wind-wave ocean engineering. Each year, the center employs more than 100 undergraduates and graduate students, providing them with invaluable hands-on experience. In this video, Professor Habib Dagher, executive director of the UMaine Composites Center, talks about the center's services and the opportunities it provides to businesses, students, and Maine's future innovators. To learn more, visit

composites.umaine.edu. For more information about these and other innovation and economic development initiatives at UMaine, visit umaine.edu/econdev. **Transcript** I'm Habib Dagher. I'm Director of the Advanced Structures and Composites Center at the University of Maine but also a professor in civil engineering. The center as a whole has about 180 people who work here in a 100,000-square-foot laboratory. We bring advanced materials into a variety of construction applications. These advanced materials could be used in building bridges or building buildings, or could be used in blast and ballistic resistance in the fields, or for NASA to take these materials into space. We work with companies across the state and across the world to bring these materials into construction. We can design a new product, we can build the product in the lab, we can test the product. There's three facilities in the US that can test wind blades right now. We're one of the three. We work with the largest wind blade testing companies. Beyond wind blade testing, we can build buildings and put earthquakes on them. We've done testing for companies on the west coast of the US who are trying to develop earthquake resistant buildings for the California market. We can take nanomaterial, cellulose nanofibers, and test their properties. Think of it as a lab that can take materials and then test them, all the way from a molecular level all the way to the full size product. We're building an ocean engineering laboratory. It's a very unique facility that has a wave basin and a wind tunnel on top of one another. For the very first time we have the ability now to test ocean structures under both hurricane loads as well as very extreme wave loads. We pride ourselves on our ability to graduate technologies from our laboratory so those technologies can be used by companies. We call that a success. For example, up in Maine, Hodgdon is an over 150 year old company in the state that built a lot of boats. We partnered with them to build a boat for the US Navy Seals out of composite materials. By partnering with private companies, we can create new opportunities for businesses, creating jobs in this state. Our motto is "Students first" here in this laboratory. Every year we fund between 100 to 150 students. They could be first-year students, and we teach them safety. We teach them how to use equipment in a laboratory. The students work their way up, just like in any business. We teach students innovation. We teach them how to create businesses and help them create businesses on their own. For example, two of our students here in the laboratory that met in this lab have developed a company called Revolution Research. Revolution Research is developing bio-based insulation materials using nanocellulose and other nanomaterials. It's a great opportunity for students. There's a lot of capabilities here in Maine. We look forward to work with clients globally, as well as in the state of Maine. [Back to article](#)

Ward speaks with BDN about Technology Research Center's future

21 Dec 2015

Jake Ward, the University of Maine's vice president for innovation and economic development, spoke with the [Bangor Daily News](#) for an article about the future of the Forest Bioproducts Research Institute's (FBRI) Technology Research Center. FBRI researchers work on campus to create and commercialize new wood-based bioproducts that they test on a larger scale at the center, which opened about five years ago and is located on the former Expera pulp mill site in Old Town, according to the article. "We originally leased from Old Town Fuel & Fiber, and when it sold to Expera, we signed a lease with them," Ward said. "We would hope to continue leasing with the new owner. We're [leasing] month to month right now because of the transition they're going through." Ward said he hopes the new owner will see the center's value and will continue to provide access.

Morse quoted in Press Herald report on Maine oyster farms

21 Dec 2015

Dana Morse, a scientist with Maine Sea Grant and University of Maine Cooperative Extension, spoke with the [Portland Press Herald](#) for an article about how aquaculture is helping Maine's oyster industry. According to the Maine Department of Marine Resources, Maine has 60 oyster farms, with another 13 permits pending, and the majority of oysters that are sold as food in Maine are farmed. "It's possible to overload an area with aquaculture, but ... we are a ways away from that," Morse said. In recent years, Morse said "wild" oysters have been showing up on the shorelines again, the likely products of successful spawns from the farmed oysters, the article states.

Mayewski quoted in BDN editorial on climate change

21 Dec 2015

Paul Mayewski, director of the Climate Change Institute at the University of Maine, was quoted in the [Bangor Daily News](#) editorial, “Why we should be hopeful about the Paris climate pact.” The climate accord reached this month in Paris sets an international goal of limiting the increase of the global average temperature, but the accord doesn’t set a specific path for achieving that goal, according to the article. “The world has the mandate,” Mayewski said. “Without that giant political mandate, in many ways, people felt, which way should we go?”

VEMI Lab cited in Dartmouth News article

21 Dec 2015

Dartmouth News reported on a collaboration between Dartmouth researchers and the University of Maine’s Virtual Environmental and Multimodal Interaction (VEMI) Lab. Mark Williams, a professor of film and media studies at Dartmouth, and John Bell, lead applications developer in Dartmouth’s Academic Commons, were awarded a two-year research and development grant from the National Endowment for the Humanities to build a cross-platform tool to help scholars study historically important films and television programs being preserved and digitized in archives around the world, according to the article. Working with the VEMI Lab, the researchers will build a semantic annotation tool, part of a suite of complementary, open-source research applications to let scholars create, annotate, save and share time-based clips of historical media, the article states. The VEMI Lab specializes in studying and designing adaptive technology interfaces that assist visually impaired people with information access.

UMaine coaches, athletes, trainers quoted in BDN article on concussions

21 Dec 2015

Several University of Maine student-athletes, coaches and athletic trainers were quoted in a [Bangor Daily News](#) article on treating concussions in college sports. UMaine’s athletic training staff, which cares for more than 400 student-athletes, focuses on education, prompt evaluation and cautious treatment when it comes to concussions, according to the article. “Medical disqualifications from concussions are on the rise across Division I athletics,” said UMaine head athletic trainer Ryan Taylor. “Unfortunately, it’s the cumulative effects (that are concerning).” Troy Reid-Knight, a member of UMaine’s basketball team, has had seven concussions since his arrival in 2013, the article states. “There’s certain days I feel like, why am I continuing to fight? Then there’s other days that I think, I love this sport and I love being part of the team, so why not fight for it?” Reid-Knight said. Former UMaine football head coach Jack Cosgrove, who is now a senior associate director of athletics, has dealt with concussions both as an athlete and as a coach, the article states. “It’s a lot different, only because there’s information now. We had no information,” Cosgrove said of his experience suffering from concussions in the 1970s.

WVH reports on energy testing being conducted in new wave lab

21 Dec 2015

WVH (Channel 7) reported on energy testing being conducted at the Harold Alfond W2 Ocean Engineering Lab in the University of Maine Advanced Structures and Composites Center. RTI Wave Power of York, Maine, has been testing its sixth generation RTI F2 QD, a 1:50-scale wave energy converter at the facility. The lab is one of five U.S. facilities competitively selected to conduct 1:50-scale testing as part of the U.S. Department of Energy (DOE) Wave Energy Prize this December. The Wave Energy Prize is a 20-month design-build-test prize competition that seeks to drive game-changing innovations in wave energy devices through a rigorous testing program. The winning team of the prize will receive a \$1.5 million award. UMaine will be testing three wave energy devices as part of the program. “This is why we built this facility, to be able to bring entrepreneurs to this laboratory and help them develop their technologies so they can become commercial,” said Habib Dagher, director of the UMaine Advanced Structures and Composites Center. The [Bangor Daily News](#) also published an article on the testing.

UMaine club sports focus of Press Herald article

21 Dec 2015

The [Portland Press Herald](#) published the article, “Club sports provide serious competition at UMaine.” According to the report, 619 students play on the 31 club sports teams at the University of Maine. The article featured the stories of club sport athletes including Samantha Frank, a wrestler; John Golder, who plays rugby; and Melissa May, a member of UMaine’s newest club team, water polo. “You have your varsity sports, they’re usually the top-tier sports at a university. Then intramural sports, which is just students playing against other students on campus. Sports clubs are the middle ground,” said Dale Russell, coordinator of UMaine’s sport clubs and youth programs. “Clubs can be just as competitive and just as serious as varsity sports.” Club sports at UMaine include traditional sports such as hockey, softball and volleyball, which compete nationally, but also unconventional options like badminton, fencing and crew, the article states. “Coming in as a freshman, I didn’t really know too many people. It’s a big school. So the team was like my friends and my family. It kind of brought me back to high school sports,” Frank said.

Boston Globe reports on Borkum’s migraine research

21 Dec 2015

Recent research by Jonathan Borkum, an adjunct associate professor of psychology at the University of Maine, was cited in the [Boston Globe](#) article, “On the pathway to preventing migraines.” Borkum scanned through more than 2,000 scientific studies about migraine triggers, then focused on a subset of about 30 key papers on how given triggers, such as dehydration or air pollution, affect the brain, according to the article. He found almost all reported migraine triggers lead to oxidative stress, suggesting that it is a common pathway for migraines, the article states. Borkum said the hypothesis is a starting point for more work into triggers, treatments and why the brain reacts to oxidative stress in this way. “As with all theories, it points in the direction of more research that needs to be done,” he said. [Daily Mail](#) also published an article on Borkum's research.

AP writes feature on Harasymiak, youngest Division I football coach

21 Dec 2015

Following the announcement that Joe Harasymiak will become the next University of Maine football head coach, effective Jan. 1, the Associated Press wrote a feature article on the youngest football coach in Division I. “I haven’t thought about my age,” the 29-year-old said. “I’ve done a good job with opportunities that I’ve had at Maine, and I’m ready to take the next step.” As UMaine’s defensive coordinator in Orono, he built a defense that ranked in the top three in the Colonial Athletic Association and top 20 nationally, according to the article. “We can’t afford to attract a sitting head coach from another school, so we have to look at that next young talent to help us,” said Karlton Creech, UMaine’s director of athletics. Boston.com, [The Washington Times](#), The Republic, Times Union and Lexington Herald-Leader carried the AP report. The [Bangor Daily News](#) also published a feature on Harasymiak.

Create a traditional Maine bean supper with UMaine Extension

22 Dec 2015

University of Maine Cooperative Extension continues its workshop series using local foods in the home kitchen from 10 a.m. to noon Saturday, Jan. 16 at the UMaine Extension Cumberland County office, 75 Clearwater Drive, Falmouth. Participants will learn how to create the classic Maine baked bean supper, including coleslaw and brown bread, using local ingredients such as heirloom Maine bean varieties. Participants will take home a pound of beans and whole grains for the class bread recipe. Kathy Savoie, UMaine Extension educator, and Kate McCarty, food preservation community education assistant, will lead the workshop. Cost is \$40. Registration and more information are online. For more information or to request a disability accommodation, call 781.6099, 800.287.1471 (in Maine), or email extension.rlreception@maine.edu. Upcoming workshops in the series include “Make International Local” on Feb. 20 and “Cooking with Maine Beer” on March 19.

Penobscot Bay Pilot, Maine Edge report on MLK Day of Service project

22 Dec 2015

The [Penobscot Bay Pilot](#) and [The Maine Edge](#) published a University of Maine news release about the university's Martin Luther King Jr. Day of Service Community Partnership Project. In honor of King, members of the community will pack between 20,000 and 30,000 meals for distribution to local food pantries on Jan. 23. The university recently was awarded a \$1,800 grant from Iowa Campus Compact to aid the project, which is a partnership between the UMaine Bodwell Center for Service and Volunteerism, Honors College and Office of Multicultural Student Life, as well as the University of Maine at Augusta Bangor campus. About 150 volunteers, including students, staff and faculty from both campuses and representatives from local food pantries, are needed to pack and distribute the meals from 9 a.m. to 12:30 p.m. at the Knights of Columbus Hall in Old Town. Volunteers can register [online](#).

UMaine offshore wind efforts cited in Mainebiz article on Omnibus Bill

22 Dec 2015

[Mainebiz](#) reported Congress on Friday passed a \$1.8 trillion package of spending measures and tax legislation that was then signed into law by President Obama. The bill includes a five-year extension of the New Markets Tax Credit program, which encourages investment in low-income areas, according to the article. In a [press release](#), Sen. Susan Collins, senior member of the Senate Appropriations Committee, highlighted some of the provisions that will benefit Maine, the article states. One of those provisions was increased funding for offshore wind power, bringing the total to the Department of Energy's wind program to \$95.5 million. Collins said in the release that she successfully advocated to include language directing \$7.4 million for "alternate projects designs, which directly benefits the University of Maine's innovative deep water offshore wind project."

Publication Evans contributed to included in New York Times gift guide

22 Dec 2015

A publication that Steve Evans, an English professor at the University of Maine, contributed to was included in [The New York Times](#) 2015 Holiday Gift Ideas and Guide. Evans wrote four essays for "Leap Before You Look: Black Mountain College, 1933–1957," the catalog for an exhibition of the same name at the Institute of Contemporary Art/Boston (ICA) that looks at the North Carolina liberal arts school's artistic legacy.

UMMA to offer Winter Art Camp, Maine Edge reports

23 Dec 2015

[The Maine Edge](#) reported the University of Maine Museum of Art (UMMA) in downtown Bangor will offer a Winter Art Camp from 8:30 a.m. to noon Feb. 15–19 during school vacation week. Children in grades three and four will enjoy gallery games, art projects and a Friday art show and reception for family and friends. Cost is \$110 for UMMA members and \$125 for nonmembers. All materials are provided. For more information or to register, visit the UMMA [website](#) or contact Kat Johnson, UMMA education coordinator, at kat.johnson@umit.maine.edu or 561.3360.

Tisher writes BDN op-ed on climate change, politics

23 Dec 2015

Sharon Tisher, a lecturer in the University of Maine's School of Economics and Honors College, wrote an opinion piece for the [Bangor Daily News](#) titled, "How Collins, King, Pingree, Poliquin scored on climate change in 2015." Tisher is a member of the Maine chapter of the Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members' columns appear in the BDN every other week.

Researchers speak about Minecraft, STEM study on MPBN's 'Maine Calling'

23 Dec 2015

Bruce Segee, the Henry R. and Grace V. Butler Professor of Electrical and Computer Engineering at the University of Maine; Craig Mason, a UMaine professor of education; and Ami Gaspar, an advanced computing outreach specialist with IT and the Maine LearnToMod project manager, were recent guests on the [Maine Public Broadcasting Network's](#) "Maine Calling" radio show. The researchers discussed whether the popular video game, Minecraft, can inspire players to study science and technology. The question is the basis of the researcher's three-year, \$2 million National Science Foundation project that aims to use Minecraft to better understand and promote practices to increase the likelihood that students will gain important skills and ultimately pursue careers in science, technology, engineering or mathematics (STEM). The researchers plan to develop and use an educational curriculum for rural middle school children that would engage them with programming, spatial reasoning and problem-solving skills by using the game.

UMaine Flagship Match financial aid program focus of Boston Globe editorial

23 Dec 2015

[The Boston Globe](#) published the editorial, "What UMaine can teach UMass," about the University of Maine's Flagship Match, a competitive scholarship program that guarantees academically qualified, first-year students from several states will pay the same tuition and fee rate as their home state's flagship institution. According to the editorial, some Massachusetts students could save about \$15,000 to attend UMaine under the new program. "The UMaine Flagship Match Program is a smart marketing tool that also has the potential to strengthen the region's public higher-education grid. It's a meaningful attempt to address the critical problem of college unaffordability, an issue that has been pushed to the background of the presidential campaign," the editorial states. The program also was mentioned in the [MarketWatch](#) article, "How to pay in-state tuition at an out-of-state college."

Jesse Kaye-Schiess: KPE master's student works with outdoor program for middle school boys

23 Dec 2015

A chance meeting in the dairy aisle at the grocery store in summer 2013 led Jesse Kaye-Schiess to enroll in the master's program in kinesiology and physical education at the University of Maine. He had finished his undergraduate degree in KPE at UMaine in 2012 and taught for a year in Lincoln, Maine. But like many first-year teachers, he struggled with the workload and budget constraints. That's when Mary Mahoney-O'Neil, the associate dean in the UMaine College of Education and Human Development, crossed paths with him, and talked about graduate school and applying for a graduate assistantship. "In January 2014, I started up and haven't stopped since," he says. Kaye-Schiess, who grew up in Shapleigh, Maine and graduated from Massabesic High School, works as a graduate assistant in the College of Education's advising center, where he helps undergraduate students decide when to take classes so they can earn their teacher certification and graduate on time. He also volunteers with Pathfinders, an outdoor program at Bonny Eagle Middle School in Buxton, Maine. The program is designed for students who don't play sports or do any other extracurricular activities, but who have an interest in the outdoors. Activities include hiking, canoeing and mountain climbing. For the past three years, Kaye-Schiess has helped lead a fall trip for 7th and 8th grade boys that includes visits to the University of Maine, Acadia National Park and more. "We're by ourselves, middle of the woods, no cell phone reception, no walkie-talkies, and it's kind of just us and the wilderness," he says. Kaye-Schiess estimates he's logged more than 800 hours with Pathfinders, which he's been able to apply toward his graduate apprenticeship. He says it's rewarding to watch the youths grow in confidence and self-awareness, from the beginning of a trip to the end. "Creating strong group dynamics, and team building and leadership are a big part of what we try and do. And it's tough to do that in a school system when there's so many other distractions, and they go home every day and then come back," Kaye-Schiess says. "(In Pathfinders), they're with us for five days. Can't talk to their parents, can't talk to anybody else besides us, and that creates a lot of trust." He says the University of Maine helped prepare him for leading Pathfinders trips. Namely, the classes he took while earning a minor in outdoor education as an undergrad. He dreams about one day expanding the program statewide and leading students on trips monthly. In the meantime, he has two classes left to finish his master's degree, focused on outdoor sports science. And he says he's discovered a new passion: advising students. "That's what my graduate assistantship is all about," he says. "Ideally, I would like to do that in the future. And that's not something I even knew was a possibility before I started my master's program." No matter what he decides to do in the future, Kaye-Schiess says he knows one thing: "I've been provided with so many different opportunities that I never even knew were available," he says. "And the University of Maine did that for me." Tell me

about the Pathfinders program. Bonny Eagle Middle School is in southern Maine. A large, Class A school, really good at football, five different towns, and a lot of kids who work on farms and a lot of kids from underprivileged families. And we work with a lot of the students who have been identified through their teachers and other faculty as kids who would benefit from getting out of the classroom and outside for a week. It's advantageous to their academic, social and emotional health. All the students really aren't engaged in the school system. They don't play sports or participate in extracurricular activities. So this is a way to promote engagement. **When did you start bringing students on longer trips to University of Maine and Acadia National Park?** We started fall 2013. That year, seven students did fishing, canoeing, kayaking, outdoor cooking, shelter building, archery, hiking Chick Hill. At UMaine, they did rock climbing, the ropes course, a tour around campus. The second year, we used Maine Youth Fish and Game, and included Acadia National Park. Some kids had never seen the ocean before, so watching the sun rise and set on a place as gorgeous as Acadia National Park was absolutely outstanding. Having them journal was one of the ways that we captured all of their experiences, in their words. They were awesome to read by the end of the week. Last year, we went from seven to nine students; this year, 11. **Do you see a change in the students from the start of a trip to the end of it?** My good friend Luke Buchanan is the 8th grade science teacher at Bonny Eagle Middle School and the trip leader down there. We do prep trips on Tuesday and Thursday afternoons — little hikes around that area. And once they come up here, it's more of a group dynamic and bonding situation — just us and the wilderness. Creating strong group dynamics, team building and leadership is a big part of what we do. Developing that in 7th and 8th grade boys who really don't trust too many people in the world is absolutely awesome to see. **Where did you do your undergrad?** I got my undergrad here as well, in the kinesiology and physical education department with the folks in teaching and coaching. I have my K–12 certification in PE and then my health minor and my outdoor education minor as well. I graduated in May of 2012 after doing my student teaching in Melbourne, Australia. I did my student teaching abroad with AustraLearn. **Why UMaine?** Because I grew up here. I have a huge connection to UMaine. My brother graduated from here. A lot of my high school friends came here for their undergrad. And knowing all the people that I met during orientation through the kinesiology and physical education department, Dr. Butterfield, Dr. Reif, Dr. Leonard. Walter Abbott was a huge influence when I came up here. He's been a huge mentor for me during my whole undergraduate and graduate program. So it was relationships. The relationships and networking that I had prior to coming here and then what I've developed since I've been here has been outstanding. I couldn't ask any more of the University of Maine. **How would you describe the academic atmosphere at UMaine?** Wonderful. I've been provided with so many different opportunities that I never even knew were available, and the University of Maine did that for me. And if I wasn't here, I don't know if those same opportunities would have been as successful as I've had the last seven years. **You mentioned a few mentors, but can you think of one that you worked closely with, a professor who's been a role model or who's made your UMaine experience better?** Yes. Dr. Reif in the KPE department. He was my adviser during my undergrad for teaching and coaching. He helped me with two or three different courses, working with elementary students, working with secondary students. Focusing my efforts toward at-risk youth. And he has been an absolute rock star in my life. **Have you had an experience at UMaine either academically or socially that's changed or shaped the way you see the world?** I took a May term class called Wilderness First Responder. It was a three-week certification course that was part of my outdoor education minor. Charlie Bloeden, my outdoor education adviser, taught it. And it was an amazing experience, knowing that there are situations that I'm going to be in in the woods, whether with students or friends or family, and being aware of the safety measures needed and the amount of responsibility that it takes to bring people into the outdoors. A lot of people take that for granted, especially in Maine where we have rivers, lakes, streams, mountains, seasons, ocean. We have plenty of opportunities to get outside, but being able to guide trips and bring people out there safely is another thing. **Describe UMaine in one word.** Motivating. From the moment I stepped on this campus I've always felt connected and put in a position to reach my potential. I feel like I've come very close to doing that in a lot of different aspects of my life. I'm constantly motivated by being here, and around these wonderful people and staff. **Most memorable UMaine moment?** This is so cliché, but graduation 2012. Seeing Mary Mahoney-O'Neil up on the stage, Dr. Butterfield, Dr. Reif, my family, my grandparents, my brother and sister, and knowing that I finished something that a lot of people don't have was amazing. And I'd just come back from Australia. So, being off that little high and then going right into an amazing celebration was just outstanding and something I'll always remember. **What do you hope to do after you graduate from your master's program? And how has UMaine helped you reach those goals?** When I started my master's program, I really didn't think I was going to gain the skills that I have over the past two years. One thing that I think I've really developed is academic student advising. I work with all of our Teacher Ed Program majors. Being able to guide them through their courses of study, from their first year through student teaching, has been outstanding. Ideally, I would like to do that in the future. And that's not something I even knew was a possibility before I started my master's program. **Most interesting, engaging or helpful class you've taken at**

UMaine? Educational psychology. The professor, Sid Mitchell was on sabbatical that year, and Mary Mahoney-O'Neil, our current associate dean, stepped in and taught that class for that semester. She captivated me from the first class. Sat in 101 Little Hall with 350 other kids, and she found a way to get everybody engaged and motivated to be successful in that class. I didn't want to miss a class, she was that outstanding. **What difference has UMaine made in your life?** UMaine has made a profound difference in my life. I cannot even put the words together to describe the amount of experiences and knowledge and relationships and communication that they've given me. I would not be where I am today or where I will be in the future without the University of Maine.

Nicholas L'Italien: Applying chemical engineering coursework to co-ops, future career

23 Dec 2015

When choosing a major, Nicholas L'Italien of Enfield, Maine sought a subject that would lead to a lot of opportunities after graduation. He settled on chemical engineering after learning about the multiple career possibilities. His coursework was essential preparation for his two co-ops at Madison Paper Industries in Madison, Maine. "Engineering classes really challenge you to think outside the box, so even if some of the material we learned in class wasn't directly applicable to the work I was doing, I still could take the problem solving skills I learned in the classroom and apply those to my job," L'Italien says of the co-ops he called "very rewarding." After graduation, L'Italien plans to be a process engineer for a company in or affiliated with the pulp and paper industry and he says UMaine is helping make his goal a reality. "The Pulp & Paper Foundation at UMaine has provided me with a countless number of resources to help make this happen, including inviting companies on-site to conduct interviews for new hire positions. Throughout the past couple months I have been in talks with many of these companies," he says. **Why UMaine?** I chose UMaine for several reasons. First and foremost, I knew the engineering program had a good reputation for producing hard-working, quality engineers. I knew I wanted to come to a college where I could make the most of my education, and UMaine has done a great job at offering that to me. I also really like how UMaine has a large enough student body where you can meet new people every day, but at the same time it has a sort of "rural community feel" to it where everyone is really nice and personable, as well. **Your father, Marco L'Italien, is a 1986 UMaine graduate with a degree in chemical engineering and a vice president at International Grand Investment Corp. (IGIC). What did he tell you about his UMaine experience?** My father always said that college was a really fun time of his life, but he also stressed the fact that he had to work hard to be successful. He also loved the friends that he made and still stays in touch with many of them to this day. **How would you describe the academic atmosphere in the College of Engineering?** The academic atmosphere in the college of engineering is very friendly and welcoming. I feel as though everyone makes a sound effort to help me learn and succeed, whether it is a professor or someone in an administrative position. Everyone is very helpful and that makes learning easy. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** I would say that being able to meet so many new people from different backgrounds has really enlightened me in a lot of ways. **Describe UMaine in one word.** Giving. UMaine has given me many different memories, friends and opportunities that have shaped me to be the person that I am today, and I am grateful for that. **What is your most memorable UMaine moment?** When I received my bid to join the Sigma Phi Epsilon Fraternity, which I am a proud member of today. Roughly 40 guys from SigEp flooded my dorm room to celebrate the opportunity that I was given, and those five minutes or so where we were all celebrating over me is something that I will never forget. **What do you hope to do after graduation and how has UMaine helped you reach those goals?** I plan to be a process engineer for a company in the pulp and paper industry (or a pulp and paper affiliated company), and UMaine has been vital in making this plan a reality. The Pulp & Paper Foundation at UMaine has provided me with a countless number of resources to help make this happen, including inviting companies on-site to conduct interviews for new hire positions. Throughout the past couple months I have been in talks with many of these companies, including making plans to have on-site interviews with some of them. None of that would have been as easy and convenient as it has been for me if it wasn't for the Pulp & Paper Foundation at the University of Maine. **What is the most interesting, engaging or helpful class you've taken at UMaine?** The class that I have found most interesting and engaging is our unit operations lab, which chemical engineers take their second semester of their junior year and first semester of their senior year. In this lab we learn about different unit operations that are common in various industries by actually conducting experiments on these operations. This has been the best way for me to learn, because I could take what I was learning in some of my other engineering classes and directly relate it to the lab experiments that I was conducting. **What difference has UMaine made in your life?** UMaine has made me the person that I am today. UMaine has given me the knowledge and skill required to be successful as a professional. UMaine has provided me with the confidence that I

need to take my career and my personal life to new levels. And last but certainly not least, UMaine has given me a lot of the people that I am fortunate enough to call my friends today, and who I will call my friends for many years to come. This college has given me everything I could've asked for, and I am very happy that I made the choice to come to UMaine. **Where will we find you in 10 years?** 10 years from now I will be an integral part of the success of a manufacturing site somewhere in North America. I'm not sure what company that will be for or where they will be located, but I am confident that 10 years from now that I will be in a position to make a big difference for whatever company gives me the opportunity to do so for them.

Workshops to prepare entrepreneurs for Top Gun program

23 Dec 2015

To help companies apply for a regional entrepreneurship acceleration program, the University of Maine will host four workshops. Applications are currently being accepted for the 2016 Top Gun Maine Bangor Region Class. The area's entrepreneurs with aspirations to achieve high growth through innovation will compete for a limited number of seats in the five-month program that combines mentoring with bi-weekly gatherings. UMaine's "PreFlight" workshops will focus on preparing a successful Top Gun application that includes a written application, slide deck and Business Model Canvas. The workshops are designed to help entrepreneurs submit their best possible application through pitch training and feedback, as well as Business Model Canvas development. One-on-one mentoring sessions also will be available. PreFlight sessions are:

- 11:30 a.m.–1 p.m. Jan. 5 at the Bangor Region Chamber of Commerce office, 20 South St.
- 5–6:30 p.m. Jan. 6 at WBRC, 44 Central Street, Bangor
- 7:30–9 a.m. Jan. 12 at the Bangor Region Chamber of Commerce office, 20 South St.
- Noon–1:30 p.m. Jan. 13 at the Target Technology Center, 20 Godfrey Drive, Orono

To support Top Gun in the Bangor region, Lisa Liberatore is working with UMaine as the Top Gun regional program coordinator. "Participating in Top Gun last year and working in the Scratchpad Accelerator through the University of Maine this fall has made clear how much entrepreneurial talent there is in the Greater Bangor region. I am very excited to continue to work in this space and engage the community to help out this year's Top Gun class," she says. Liberatore will hold office hours Jan. 19–22 for additional questions and assistance with applications. Applications are due Jan. 22. Contact Liberatore at lisa.liberatore@maine.edu for more information on the workshops or office hours. "The University of Maine is excited to work with the Maine Center for Entrepreneurial Development to offer the Top Gun program in the Bangor region again," says Renee Kelly, director of economic development initiatives at UMaine. "The connections and mentoring provided to the companies in the three years of Bangor area classes have been invaluable to their continued growth and development." The Top Gun program is made possible by Maine Center for Entrepreneurial Development, UMaine, the Maine Technology Institute, and support from Camden National Bank, as well as many local business sponsors, program advisers and mentors. The application and more information about Top Gun are [online](#). Contact: Renee Kelly, 581.1454

Press Herald column promotes gardening classes

28 Dec 2015

The Maine Gardener column titled "This winter, growers should cultivate their minds" in the [Portland Press Herald](#) highlighted upcoming classes being taught by Ellen Gibson of the Maine AgrAbility Program, jointly run by the University of Maine Cooperative Extension, Goodwill and Alpha One. "Gardening Without Aches and Pains" will be offered Feb. 21 at St. Paul's Church in Brunswick. "Gardening Forever," will be offered April 18 at Lakeside Garden Club in Bridgton and May 12 at Walnut Hill Garden Club in North Yarmouth. For more details, contact Gibson at ellen.gibson@goodwillnne.org.

AP covers Dartmouth, UMaine plug-in project

28 Dec 2015

The [Associated Press](#) reported Dartmouth College and the University of Maine are creating a plugin to provide scholars access to media clips and notes to learn about historical film and television programs in digitized archives around the world. [WCSH6 TV](#) and several other media outlets carried the AP report.

Brewer cited in PPH piece on proposed MaineCare legislation

28 Dec 2015

University of Maine political scientist Mark Brewer was a source in the Portland Press Herald article titled “Republican senators again propose MaineCare expansion.” “I have a hard time envisioning there being enough House Republicans coming on board to override a LePage veto,” Brewer was quoted as saying about Sens. Roger Katz and Thomas Saviello’s soon-to-be-proposed bill to link the effort to expand Medicaid to the state’s heroin epidemic.

Portland Press editorial supports Flagship Match program

28 Dec 2015

A [Portland Press Herald](#) editorial lauded the University of Maine’s Flagship Match program that allows academically qualified students from Massachusetts, New Hampshire, Connecticut, Vermont, New Jersey and Pennsylvania to attend UMaine for the same price they would pay to go to their home state’s flagship university. “Used strategically, tuition decreases for attractive students from other states could keep the university system sustainable while building Maine’s workforce,” reads the editorial titled “UMaine tuition program right direction for state.” Flagship Match, along with the Maine Matters financial aid program, also were mentioned in an op-ed published in the [Bangor Daily News](#) titled, “As Maine needs more people, UMaine does its part to bring in youthful vigor.” The article was written by Dana Connors, president of the Maine State Chamber of Commerce.

Foster’s advances Master Gardener Volunteer training

29 Dec 2015

[Foster’s Daily Democrat](#) ran a media release announcing University of Maine Cooperative Extension Master Gardener Volunteer classes slated for 6–9:30 p.m. Thursdays from Feb. 4, through early June, at Anderson Learning Center, 21 Bradeen St., Springvale. To learn more, call 800.287.1535, 207.324.2814 or visit extension.umaine.edu/york/programs/master-gardener-volunteer-program. Jan. 8, 2016 is the deadline to apply.

BDN reports on burglaries of off-campus student residences

29 Dec 2015

The [Bangor Daily News](#) said about six burglaries had been reported at Orono residences rented by University of Maine students. According to the article, Orono Police Chief Josh Ewing said the burglaries were in the vicinity of Park, Peter and Pleasant streets and that the suspect(s) targeted off-campus homes of students away on winter break. People with information are asked to call 207.866.4000.

MPBN, BDN cover narrative survey of migrant workers

29 Dec 2015

Treva deMaynadier, who produced a [narrative survey](#) to raise awareness of migrant farmworkers during a Department of Labor internship administered by the Margaret Chase Smith Policy Center at the University of Maine, was interviewed by the [Bangor Daily News](#). [MPBN](#) also reported on the survey. “I have lived in Maine my entire life, but this summer I quickly realized that so much of my home state is still unknown to me,” wrote deMaynadier, a student at Oberlin College, in the survey introduction. “When you grow up in Maine, you hear about the wild blueberries, the pine trees, and the lobster all the time, but what no one seems to know is that behind those iconic Maine products, there are groups of hardworking individuals who come from as far away as Florida, Texas, California, and Mexico to harvest and

process these products for us.”

Glover named ENACT Faculty Fellow

30 Dec 2015

Robert Glover, an assistant professor of political science and Honors at the University of Maine, has been named an Educational Network for Active Civic Transformation (ENACT) Faculty Fellow by International Center for Ethics, Justice and Public Life at Brandeis University. The new program aims to create a nationwide network of university professors and researchers who directly involve their students in state politics and policy. Glover will receive logistical and financial support to help students learn through direct engagement in this work, traveling to the state capital, meeting with and lobbying legislators, strategizing with advocacy organizations and creating outreach materials to advance their chosen issues.

Center on Aging mentioned in BDN article on effort to help elders live at home

30 Dec 2015

The University of Maine Center on Aging was mentioned in a [Bangor Daily News](#) article about a grassroots effort to help the state’s senior citizens live at home. At Home Downeast began operating in 2012 as a program of the nonprofit Washington Hancock Community Agency, and serving the towns of Surry, Blue Hill, Brooklin, Deer Isle, Stonington, Sedgwick, Brooksville, Penobscot and Castine. Surviving on in-kind contributions from volunteers, private donors, grant funding and membership fees based on a person’s ability to pay, the organization has been lauded by state leaders and advocates for the aging, according to the article. The group is partnering with UMaine’s Center on Aging to evaluate its programs and improve its ability to track the services it provides, from making phone calls on a member’s behalf to giving rides to medical facilities, the article states.

Maine Edge reports on Top Gun workshops for entrepreneurs

30 Dec 2015

[The Maine Edge](#) published a University of Maine news release announcing four workshops to help companies apply for a regional entrepreneurship acceleration program. Applications are currently being accepted for the 2016 Top Gun Maine Bangor Region Class. The area’s entrepreneurs with aspirations to achieve high growth through innovation will compete for a limited number of seats in the five-month program that combines mentoring with bi-weekly gatherings. UMaine’s “PreFlight” workshops will focus on preparing a successful Top Gun application that includes a written application, slide deck and Business Model Canvas. The application and more information about Top Gun are [online](#).

Social work graduate research cited in BDN editorial

30 Dec 2015

Research conducted last year by a group of graduate students in the University of Maine’s social work program was mentioned in the [Bangor Daily News](#) editorial, “One way to address Maine’s drug epidemic: Maximize treatment access we already have.” The students reached out to the physicians in Maine who are listed by the U.S. Substance Abuse and Mental Health Services Administration as buprenorphine prescribers. Forty-three confirmed they’re prescribing the medication, 42 confirmed they weren’t, 27 failed to respond and two physicians on the list were deceased, according to the editorial.

BDN interviews Jackson about farming workshops

30 Dec 2015

Tori Jackson, an associate professor of agriculture and natural resources with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for the article, “Farming workshops aim to inspire a new generation of

farmers.” At the Agricultural Trades Show at the Augusta Civic Center in January, the Beginning Farmer Resource Network (BFRN) of Maine will hold free workshops to help people who have been farming for less than a decade thrive in the field and hopefully attract newcomers, according to the article. “We’ve seen a huge cultural shift toward local food, and with that comes increased interest. More people want to become farmers,” said Jackson, who also is the BFRN chairperson. She said the state has at least 8,000 farms. “We are still on an upward trajectory. People are still interested in getting into agriculture but are lacking business skills,” Jackson said. “They picture in their mind the idyllic life of the farmer. Our job is to bring them into reality,” she added.

UMaine touch tank cited in WABI report on school vacation

30 Dec 2015

A University of Maine touch tank located at the Maine Discovery Museum in downtown Bangor was mentioned in a WABI (Channel 5) report about educational school vacations for local children. Kim Stewart, program manager at the museum, said children used the tank, which is on loan from UMaine, to learn about ocean animals including horseshoe crabs and sea stars. “[They] got spit on by scallops this morning so they’ve been having a lot of fun,” she said of the students.

Dwyer speaks with BDN about insect, virus affecting potato industry

30 Dec 2015

Jim Dwyer, a crops specialist with the University of Maine Cooperative Extension, was quoted in the [Bangor Daily News](#) article, “Insect, virus harangue potato industry, stymie scientists.” Dwyer spoke about aphids and the diseases they carry, including potato virus Y. Over the last decade in Europe, the traditional strain of potato virus Y (PVY-O) “has been completely displaced” with mutated variants, Dwyer said. “It’s all been taken over by the necrotic strains, PVY-NTN and PVY-NO,” which are “more vigorous and more fit.” These strains don’t show symptoms in the potato plant leaves, which is how field scientists traditionally have identified infections, according to the article. “If you can’t see it, how do you manage it?” Dwyer asked. With the new strains, he said there is a movement in the state to go toward laboratory tests for seed potato certification to have a more accurate view of the viruses present, the article states.

Press Herald, MPBN quote Acheson in reports about Maine poverty

30 Dec 2015

Ann Acheson, a research associate at the University of Maine’s Margaret Chase Smith Policy Center, spoke with the [Maine Public Broadcasting Network](#) and [Portland Press Herald](#) for reports about poverty in the state. In the MPBN report “Where exactly is the poverty line in Maine?” Acheson said the “state’s median income remains well below the national” while Maine’s economy continues to slowly improve and unemployment falls to levels not seen since the days before the recession. “There are an awful lot of people who are in a population of what we call ‘the working poor’ who have very low incomes, but it is above the poverty level,” she said. “But it’s really just barely enough to get by.” The Press Herald article “Some Mainers are still wondering ... what economic recovery?” states most parts of Maine have started to recover from the recession, according to newly released information about poverty in each county. However, no turnaround has yet shown up in the poverty data from northernmost Maine, the article states. The southern coastal counties of York and Cumberland, the state’s hubs for business, would be the first to see job growth in the improving economy, Acheson said.

Bangor and UMaine police departments offer Kids ‘n’ Kops trading cards promoting healthy messages for youths

30 Dec 2015

The Bangor and University of Maine police departments have launched a new Kids ‘n’ Kops trading card program intended to raise awareness about bullying and substance abuse prevention among elementary and middle school youngsters. The series of 14 trading cards features male and female UMaine student-athletes who play Division I sports

at the state's flagship university. Members of the Bangor and UMaine police departments will distribute the cards at community events, including university athletic games at the Cross Insurance Center in Bangor and on campus. Youngsters can collect five cards and bring them to one of the two police departments for a free Kids 'n' Kops T-shirt and two tickets to a UMaine basketball game. The goal, say the organizers, is to foster positive interactions between police officers and youths, and reinforce important messages about health and well-being. "We are pleased to be part of a program that promotes an active lifestyle for the youngsters in our community by using student-athletes as an example of hard work and healthy choices," says Bangor Police Chief Mark Hathaway. "We appreciate our partnership with UMaine and thank the UMaine student-athletes for their participation." "We want to be proactive in promoting quality goals for healthy living to young people, many of whom we hope will be future UMaine Black Bears," says UMaine Police Chief Roland LaCroix. "It's important that youths know that police officers can be helpful resources and UMaine student-athletes are role models they can look up to." In 1986–88, a similar program called Kids & Kops, spearheaded by then-UMaine men's basketball coach and UMaine alumnus Skip Chappelle, featured UMaine and other area law enforcement officials distributing trading cards as part of an anti-drug campaign. Those trading cards also featured UMaine student-athletes, several of whom went on to professional sports careers. "We believe in the long-term value of a program that brings together the youth of our community and the police," says Chappelle, who is helping coordinate this campaign with another UMaine alumnus — Irv Marsters, owner of Bangor Letter Shop. "This program also communicates the messages of health and well-being through sports." Maine Savings Federal Credit Union is a corporate sponsor of this year's Kids 'n' Kops campaign. Contact: Skip Chappelle, 207.944.8089

FoodCorps chef speaks about program, prepares salad on WLBZ

31 Dec 2015

Lily Chaleff, a FoodCorps service member with Cultivating Community, was a recent guest on WLBZ (Channel 2). Chaleff demonstrated how to make a kid-friendly kale salad while speaking about the program that helps children develop a healthy relationship with food. The Maine FoodCorps program is the state branch of the national program that teaches healthful eating, expands school-based gardens and increases locally grown food in school cafeterias. The University of Maine Cooperative Extension oversees the state program.

BDN interviews Garland about higher temperatures, plant confusion

31 Dec 2015

The [Bangor Daily News](#) spoke with Kate Garland, a horticulturist with the University of Maine Cooperative Extension, for the article, "Higher than normal temperatures cause plant confusion in Maine." Warm December temperatures around the state have caused some plants to bloom earlier than normal, Garland said. "It's basically jumping the gun on the next season," she said. The flowers that have opened will not bloom again next spring, according to the article. "It's usually not a high percentage of the flowering plants. It's not a huge deal," Garland said. "Those flower buds will not rebloom in the spring, but probably there will be plenty more flowers."

Rawson mentioned in Philippine Star article on blue mussel research

31 Dec 2015

Paul Rawson, a marine scientist at the University of Maine, was mentioned in a [Philippine Star](#) article about blue mussel research conducted by Michael Rice, a professor at the University of Rhode Island. Blue mussels along the Brazilian and Colombian coasts of South America traversing the Panama Canal have reached coastal waters in the Pangasinan Coast by way of the tropical Eastern Pacific, according to the article. Rice said the blue mussels found in Pangasinan were identical to the shellfish in the Eastern Pacific. He issued this statement after Rawson conducted DNA tests on samples of blue mussels taken from Dagupan River, the article states.

BDN reports on Kids 'n' Kops trading card program

31 Dec 2015

The [Bangor Daily News](#) reported on the launch of a Kids ‘n’ Kops trading card program offered by the Bangor and University of Maine police departments to raise awareness about bullying and substance abuse prevention among elementary and middle school children. The series of 14 trading cards features male and female UMaine student-athletes who play Division I sports. Members of the police departments will distribute the cards at community events, including university athletic games. “We want to be proactive in promoting quality goals for healthy living to young people, many of whom we hope will be future UMaine Black Bears,” said UMaine Police Chief Roland LaCroix. “It’s important that youths know that police officers can be helpful resources and UMaine student-athletes are role models they can look up to.” WLBZ (Channel 2) also reported on the program.

CBC News cites Lobster Institute study on keeping rubber bands on while cooking

31 Dec 2015

A 1998 study conducted by the Lobster Institute at the University of Maine was cited in a [CBC News](#) report about whether cooking lobsters with rubber bands on their claws affects the taste of the meat. Through its study, the Lobster Institute concluded the rubber bands didn’t make a difference in taste, according to the article.

Recent UMaine grad’s art depicting climate change focus of BDN feature

31 Dec 2015

The [Bangor Daily News](#) published a feature article on Jill Pelto of Old Town and her artwork that illustrates the effects of climate change. Pelto, who graduated in December from the University of Maine as a double major in studio art and Earth science, has been visiting the North Cascade Glaciers of Washington State with her glaciologist father since she was 16 years old, according to the article. The artist and scientist recently completed a project as part of her Honors thesis that explores the issues of human-induced climate change she has studied with her father over many years, the article states. “I call it environmental art,” she said. “The way I use it is specifically to communicate particular issues.” Pelto creates watercolors and screenprints that illustrate the effects of climate change by integrating scientific data, the article states. “I incorporated a graph with data points and used some sort of illustration to give a narrative about what the piece was about,” she said. “A lot of scientists don’t know how to communicate their research. Since I’m involved in both the science world and the art world, I think I have a unique ability to bridge those.” Pelto’s work is on display in Lord Hall on campus until Jan. 22 as part of the senior studio art exhibit, “The Ghosts of Carnegie Hall.” [Climate Central](#), [GlacierHub](#), [onEarth](#), [Public Radio International](#) (PRI), [Co.Design](#) and [PBS NewsHour](#) also reported on Pelto and her art, and actor Leonardo DiCaprio shared Pelto's art on his official [Instagram](#) account.

Hanna Anderson: Engineering student focuses on bioengineering and nanotechnology

22 Dec 2015

Hanna Anderson is a junior in bioengineering with a minor in nanotechnology from Brewer, Maine. **Why did you choose UMaine and engineering?** I chose the University of Maine and specifically the College of Engineering because its engineering program is well-renowned and financially affordable, and because I love the Maine atmosphere. During my senior year of high school, I had no idea which major to pursue, until I stumbled upon bioengineering. I came to the conclusion that it would be the perfect combination of science and creativity, as well as an opportunity to help people. I have always been intrigued by the mechanics of the human body, and the microscopic interactions that are constantly occurring that we take for granted. Through bioengineering, I am hoping to help create innovative solutions to enhance the effectiveness of medical devices, while at the same time exploring my curiosity for the biological processes within the body. **What first sparked your interest in engineering?** My dad is a mechanical engineer, so growing up around his constant designing and tinkering of some project or other had an impact on me. I have fond memories of “helping” him by holding nails or sanding a piece of wood, excited to be making something awesome out of a chunk of wood or metal. **What was your first year as an engineering student like?** My first year included a lot of large-sized lecture classes that covered the foundations of the major, so it was a diverse collection of math and sciences. I am also involved in the Honors College, which provided a nice balance of English and philosophy as well. **Are you currently working on any research on campus? If yes, please describe.** Currently, I am working on research in the Laboratory

of Surface Sciences under my adviser, Dr. Paul Millard, and my research partner. We are developing a high-throughput technique for the fluorescent imaging of influenza in zebrafish. I am learning a lot about this particular animal model, and I am very lucky that UMaine has an excellent facility for zebrafish housing on campus. **What do you plan on doing with your degree after graduation?** At the moment, I'm thinking of going into either artificial tissue engineering or drug delivery techniques, but I plan on going to graduate school to narrow down my options. The bioengineering program at UMaine includes many classes in its curriculum that pertain to the multiple avenues that I could go with my major, which is helpful because I can get a taste of what I like or dislike and make a decision based on that. **Has there been a particular experience that has impacted your life at UMaine?** One experience that has impacted me was when I had the opportunity to study abroad in Alicante, Spain this past summer. Being in Spain was an incredible adventure, as I had never been out of the country before, and the cultural exposure was eye-opening to the myriad traditions and customs that are present around the world. I definitely want to continue to travel, and possibly incorporate that into my future career. **What is your favorite UMaine tradition?** My favorite tradition at UMaine is Maine Day because it's a great way to get involved in keeping our campus clean and we get a day off in the middle of the week. **What difference has UMaine made in your life?** Ever since coming to the University of Maine, I feel like I have garnered more ideas and perspectives that I've been able to use to become a well-rounded and independent person. As it seems like I can't get away from having a rigorous schedule, I feel as though I can academically tackle more than I ever could in high school.

UMaine News Press Releases from Word Press XML export 2015

Jim Rittenburg

31 Jul 2015

Maggie Halfman

17 Aug 2015

Marissa Bovie

17 Aug 2015

ice age map app

18 Aug 2015

Pam Wells

31 Jul 2015

Rogers Farm

31 Jul 2015

Ana Cecillia Mauricio

31 Jul 2015

Andrew Young

03 Aug 2015

University of Maine Mall

05 Aug 2015

Pam Wells

18 Aug 2015

Flooding feature

03 Sep 2015

Heather Leslie feature

03 Sep 2015

ice age map app

03 Sep 2015

Maggie-Halfman-1024x578

03 Sep 2015

Marissa-Bovie-1024x578

03 Sep 2015

Pam-Wells-feature

03 Sep 2015

Merritt David Janes

18 Sep 2015

Tim Simons

18 Sep 2015

Audrey Cross_Ashley Thibeault_Danielle Walczak

18 Sep 2015

John Linehan

18 Sep 2015

Michael Bailey

02 Oct 2015

Samantha Frank

02 Oct 2015

Rachel Goetz

02 Oct 2015

Ethan Hawes

02 Oct 2015

Kelsey Rosebeary

02 Oct 2015

Alicia Valente

02 Oct 2015

Dam

10 Aug 2015

Heather Leslie

12 Aug 2015

Dam feature

18 Aug 2015

Afton Hupper

18 Aug 2015

Princeton Review

18 Aug 2015

Classroom avatar large

25 Aug 2015

Plum

25 Aug 2015

Welcome Weekend Day of Service

27 Aug 2015

Zachary Mason

28 Aug 2015

Rec Center Interior

31 Aug 2015

New Bananas teaser

01 Sep 2015

Fern
02 Sep 2015

Violin
02 Sep 2015

Orchestra
02 Sep 2015

Symphonic Band
03 Sep 2015

Herbarium feature
03 Sep 2015

Symphonic Band feature
03 Sep 2015

Welcome Weekend Day of Service
03 Sep 2015

Classroom avatar large
03 Sep 2015

Plum large
03 Sep 2015

Climate change graphic news feature

03 Sep 2015

Dam feature

03 Sep 2015

Princeton Review large feature

03 Sep 2015

New Bananas teaser feature

03 Sep 2015

Zachary-Mason-1024x578

03 Sep 2015

Afton-Hupper-Feature-1024x578

03 Sep 2015

Alan_Cobo_Lewis

03 Sep 2015

Lobster Boat Gulf of Maine feature

03 Sep 2015

The Summit Project

09 Sep 2015

The Summit Project

09 Sep 2015

The Summit Project

09 Sep 2015

Roof of Memorial Union

09 Sep 2015

Antarctica

15 Sep 2015

digital humanities week

15 Sep 2015

Avian Haven interns enews

17 Sep 2015

Avian Haven interns feature

17 Sep 2015

Buoy news feature

22 Sep 2015

Rural education

23 Sep 2015

Rural education

23 Sep 2015

Sea slug

25 Sep 2015

Ian Tattersall

25 Sep 2015

Grains

25 Sep 2015

sensor data

25 Sep 2015

mitchell lecture

25 Sep 2015

Hannah Morgan

29 Sep 2015

The Summit Project

29 Sep 2015

Homecoming

30 Sep 2015

Maine PSP

30 Sep 2015

frozen lake

30 Sep 2015

Fireworks

30 Sep 2015

Cohen Lecture

05 Oct 2015

Engineering ambassadors

07 Oct 2015

Shrimp

07 Oct 2015

Leslie NSF Award

07 Oct 2015

Habib Dagher

09 Oct 2015

Allan Arch

09 Oct 2015

Jade McGuire

09 Oct 2015

Higher education feature

14 Oct 2015

Christopher O'Riley by Wendy Lynch

15 Oct 2015

Composer conference

19 Oct 2015

Homecoming

19 Oct 2015

Ocean waves

20 Oct 2015

Chem car

22 Oct 2015

Alan Alda Center

22 Oct 2015

Climate Reanalyzer

22 Oct 2015

Ginger Kieffer

22 Oct 2015

Antarctica news feature

23 Oct 2015

Tomatoes

26 Oct 2015

Mosquitofish

26 Oct 2015

Cherry Orchard

26 Oct 2015

Elephant

26 Oct 2015

Define tomorrow feature

28 Oct 2015

Veterans Week

29 Oct 2015

Algal Bloom

30 Oct 2015

Tyler Carrier

02 Nov 2015

Ruleo Camacho

02 Nov 2015

Culturefest

03 Nov 2015

Bat news feature

05 Nov 2015

Cooked lobster

13 Nov 2015

Lobster boat

13 Nov 2015

Autism publications

13 Nov 2015

Volturnus feature

16 Nov 2015

Shadow fish

16 Nov 2015

NOAA feature

16 Nov 2015

Window insert

19 Nov 2015

MAINE Alumni Magazine Cover

19 Nov 2015

Wind Wave Facility News feature

23 Nov 2015

Basket

23 Nov 2015

Sarah Sockbeson

23 Nov 2015

Holiday giving

23 Nov 2015

African map

23 Nov 2015

Cosgrove_speaking_bench

24 Nov 2015

Cosgrove_speaking_bench

24 Nov 2015

Cosgrove_speaking_benchcrop

24 Nov 2015

Norway spruce testing

30 Nov 2015

Sonja Birthisel

30 Nov 2015

Yuletide concert

02 Dec 2015

Maine Policy Review aging feature

03 Dec 2015

Chestnt tree News feature

04 Dec 2015

measuring News feature

04 Dec 2015

warbler News feature

03 Dec 2015

South Georgia Island News feature

03 Dec 2015

Noah Oppenheim

09 Dec 2015

Matt Dexter news feature

11 Dec 2015

Afari news feature

11 Dec 2015

Atlantic Ocean news feature

11 Dec 2015

Mary Jane Perry portrait

11 Dec 2015

Matt Dexter News feature

11 Dec 2015

Christmas tree News feature

11 Dec 2015

MLK service news feature

14 Dec 2015

Briar Pelletier

14 Dec 2015

UMaine Today Cover News feature

15 Dec 2015

Joshua Stoll

15 Dec 2015

Football

16 Dec 2015

Follow a researcher News feature

16 Dec 2015

Kit Hamley

16 Dec 2015

KingGroupGrass

16 Dec 2015

KingPairBeach

16 Dec 2015

Jesse Kaye-Schiess

23 Dec 2015

Nicholas L'Italien

23 Dec 2015