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Division of Marketing and Communications; Nagle, Margaret; and Staples, Beth, "2016, UMaine News Press Releases" (2016). *General University of Maine Publications*. 1100.
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UMaine News Press Releases from Word Press XML export 2016

WVII reports on UMMA New Year's Eve crown-making event

04 Jan 2016

WVII (Channel 7) reported on a crown-making event held at the University of Maine Museum of Art (UMMA) in downtown Bangor on New Year's Eve. The free event was open to anyone who wanted to use art supplies to decorate a crown or tiara for the holiday, according to the report.

Silka contributes to BDN series on how to improve Maine's economy

04 Jan 2016

Linda Silka, a senior fellow at the University of Maine's Senator George J. Mitchell Center for Sustainability Solutions, wrote the article, "What Maine can learn from how Lowell, Mass. welcomed immigrants, rebuilt its city," for a [Bangor Daily News](#) series on how to improve Maine's economy. In the article, Silka cited UMaine research that has found that when Mainers see something as a part of the state's traditions, they welcome what otherwise might be seen as a scary new prospect.

Dill quoted in Press Herald Maine Gardener column

04 Jan 2016

Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, spoke with the [Portland Press Herald](#) for the latest column in the Maine Gardener series, titled "Pesticides may get rid of ticks, but at what cost?" Bifenthrin, used to spray yards; and permethrin, used mostly to treat clothing to repel ticks, are man-made versions of a material found in chrysanthemums, and they work by attacking the nervous system of insects, according to the article. An official with Beyond Pesticides, an anti-pesticide group based in Washington, D.C., said the pesticides also can attack the nervous system of other species including people, pets and fish, the article states. However, Dill said if label directions are followed carefully, the risk of danger to humans and other creatures in using bifenthrin is low, and that it is the best option for killing ticks.

Black Bear Exchange mentioned in BDN article on fight against food insecurity

04 Jan 2016

Black Bear Exchange, the University of Maine's food pantry and clothing swap, was mentioned in a [Bangor Daily News](#) article about students and organizations working to end food insecurity on college campuses. In 2009, UMaine created the Black Bear Exchange, which is supported by local student and staff food drives, according to the article. The exchange is open to students and their families, as well as faculty and staff. It dispensed 5,600 food items in the last year, the article states.

MPBN series to focus on aging, latest Maine Policy Review

04 Jan 2016

Throughout January, the Maine Public Broadcasting Network's "Morning Edition" will feature a series of interviews focused on the challenges faced by Maine's increasing population of older adults and how public policy is addressing them. Guests will be authors who contributed to the Maine Policy Review's "[Special Issue on Aging](#)." The publication is produced by the Margaret Chase Smith Policy Center at the University of Maine. Julie Fralich, who recently retired as director of the Program on Disability and Aging within the Cutler Institute of the Muskie School at the University of

Southern Maine, was the first guest in the series. Fralich wrote the [essay](#), “Shaping the Health and Long-Term-Care Infrastructure Serving Older Adults: Historical Trends and Future Directions.”

Research Administrators’ Network roundtable Jan. 12

05 Jan 2016

The University of Maine’s Office of Research and Sponsored Programs invites staff who support research activities at UMaine to attend the launch of the Research Administrators’ Network (RAN) from 2–4 p.m. Tuesday, Jan. 12 in Wells Conference Center. RAN aims to promote networking; share information, expertise and best practices; identify and develop tools and resources to support research administrators; and enhance communication between ORSP and research administrative support personnel. RSVP to sponsored@umit.maine.edu by Jan. 6. More information is online.

Brewer quoted in MPBN report on rumor that Sen. Collins will run for governor

05 Jan 2016

Mark Brewer, a political science professor at the University of Maine, spoke with the [Maine Public Broadcasting Network](#) for a report on a rumor that Republican Sen. Susan Collins is considering to run for governor of Maine. For months, politicians have speculated that Collins may have eyes on the Blaine House three years from now, when Gov. Paul LePage’s second term comes to an end, according to the report. “I don’t know where this rumor started but I can tell you that it did not start with me, it did not come from me I am not the source of it,” she said. “I am not ruling anything in or out.” Brewer said Collins could have the nomination if she wanted it, citing her high popularity rating in the polls. He also praised her answer to the speculation. “I think that’s, in many ways, the perfect response to that type of question,” Brewer said. “She makes it clear that she knows these rumors are out there, she is not sure where they are coming from. They are not coming from her, but as any good politician she doesn’t completely shut the door on any possibility.” He said any definitive indications of a Blaine House run would likely not emerge for another two years, the report states.

DMC scientists to discuss water quality in estuaries

06 Jan 2016

University of Maine marine scientists will participate in a presentation about water quality trends in local estuaries 5:30–6:30 p.m. Thursday, Jan. 14 at Damariscotta River Association’s Round Top Farm, 3 Round Top Lane, Damariscotta. Darling Marine Center oceanographer Larry Mayer and researcher Kathleen Thornton will show how water is sampled and tested as well as discuss and interpret data at the presentation titled “Ocean Acidification in Midcoast Maine Estuaries.” Salt and fresh water meet and mix in estuaries, which can be strongly affected by land-based activities. The health of estuaries is critical to wildlife that lives in and migrates through the region, as well as people and a variety of marine-based businesses. The presentation is the result of a partnership between DMC and an alliance of water monitoring organizations called the Maine Coastal Observing Alliance (MCOA). The program is free; registration is recommended. Friday, Jan. 15 is the snow date. For more information and to register, contact 563.1393 or dra@damariscottariver.org.

Rebar speaks at American Agri-Women Convention, St. John Valley Times reports

06 Jan 2016

St. John Valley Times reported the 40th annual American Agri-Women Convention recently was held in Portland with 147 in attendance. Maine Agri-Women hosted the event with the theme “Harvesting for the Future,” according to the article. John Rebar, executive director of the University of Maine Cooperative Extension, was among the event’s speakers who discussed issues concerning many aspects of agriculture and its future in Maine, the article states.

CCI, Mayewski cited in Harvard Gazette article on ice core data related to Black Death

06 Jan 2016

[Harvard Gazette](#) reported new research using a unique combination of ice core data and written historical records indicates that the cool, wet weather blamed for one of the deadliest disease outbreaks in human history affected a much wider area over a much longer period. The preliminary work suggests a deep, prolonged food shortage occurred in the years leading to the Black Death that swept through Europe in 1347, according to the article. The ice core data is part of a program linking traditional historical research with scientific data-collecting techniques. The program, called the Initiative for the Science of the Human Past at Harvard (SoHP), is being conducted in collaboration with the University of Maine's Climate Change Institute and researchers at Heidelberg University. The project's UMaine researchers, led by CCI director Paul Mayewski, have developed a laser-based method of ice analysis that allows much higher resolution analysis of very thin ice layers and can go back farther than previous techniques, the article states. The research also was the focus of the [Harvard Magazine](#) article, "The Science of History."

Grad student speaks with media about Follow a Researcher program

06 Jan 2016

Kit Hamley, a graduate student at the University of Maine's Climate Change Institute, recently spoke with WABI (Channel 5) and WLBZ (Channel 2) about the Follow a Researcher program. For a second year, the University of Maine Cooperative Extension 4-H is offering the program that aims to connect K-12 students in Maine and around the country to UMaine researchers in the field. From Jan. 14 through Feb. 13, participants will watch as Hamley, who is pursuing a master's degree in quaternary and climate studies, travels to the Falkland Islands to research an extinct species of fox called the warrah. 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. "Engaging young students with this kind of research is really exciting and it makes my work feel a lot more meaningful knowing that students are learning along with me as I go," Hamley told WABI.

Mauery work selected for London exhibition

07 Jan 2016

The work "thin.red.line.portrait" by Andrea "Andy" Mauery, a University of Maine sculptor and associate professor of art, was selected as one of 50 pieces for the international exhibit "CHROMA: Red Issue" in London. This is the first in a series of "CHROMA" curatorial experiments, beginning at London's Safehouse 1, Jan. 22-24, featuring a collection of works made in isolation from one another with a color being the only commonality. According to the organizers, the exhibits will explore "the conversations the works can and are forced to have through their curation, and what elements of association are generated to form a narrative or dialogue." The show will experiment with "the possibilities of language as a response to something inherently visual, and the relationship between this collective chromatic discourse and each individual work." "CHROMA: Red Issue" also will be a publication. The exhibition and publication will showcase works in response to "red" as a word, color, feeling, experience, sensation, signal — and more. Mauery's work, created in 2015, is a 69-inch line of red dyed, human hair pinched with lead sinkers. Her material choices often reference the body; she groups drawings, objects and installations in an exploration/investigation of recurring subjects or problems (extinction, mortality, boundaries, etc.). She tries to pin down identity and mortality, and the line at which a thing ceases to be.

Press Herald publishes op-ed by Scontras

07 Jan 2016

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 "Labor activism at Portland Co. just as historic as the land, architecture."

WABI advances UMaine Extension intermediate beekeeping course

07 Jan 2016

WABI (Channel 5) reported the University of Maine Cooperative Extension in Hancock County is offering a six-week intermediate beekeeping course in Ellsworth. The course is intended for participants with at least one season of experience keeping bees. The program will cover fewer topics more deeply than the beginner's class and will concentrate on keeping bees successfully in the area. Classes will be held on Wednesday evenings starting Jan. 20. More information is online.

UMaine mentioned in Daily Bulldog article on Maine moose study

07 Jan 2016

[Daily Bulldog](#) reported Maine Department of Inland Fisheries and Wildlife biologists recently finished capturing and radio-collaring moose in a new study area in Aroostook County as part of a five-year moose monitoring program. The study aims to provide a greater understanding of the health of Maine's moose population, particularly factors that affect their survival and reproductive rates, including the effect of winter ticks, according to the article. As part of the study, when a moose with a GPS-enabled collar dies, the biologists locate the animal and conduct an extensive field necropsy. They take blood, tissue and fecal samples that are later analyzed by the University of Maine Animal Health Lab as well as other specialized diagnostic facilities, the article states. The [Portland Press Herald](#) and [The Conway Daily Sun](#) also reported on the study.

WVII covers Follow a Researcher visit to Hudson school

07 Jan 2016

WVII (Channel 7) reported on a recent visit to Hudson Elementary School by Kit Hamley, a graduate student at the University of Maine's Climate Change Institute. Hamley spoke with the students about the Follow a Researcher program that is offered by the University of Maine Cooperative Extension 4-H to connect K-12 students in Maine and around the country to researchers in the field. From Jan. 14 through Feb. 13, participants will watch as Hamley, who is pursuing a master's degree in quaternary and climate studies, travels to the Falkland Islands to research an extinct species of fox called the warrah. Using field and laboratory techniques, she hopes to learn how and when the animal arrived in the Falklands. "It's important for young students especially to see that science can be a fun adventure," Hamley said. 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. "I can only do so much within my four walls," said Sherry Blanchard, a fourth-grade teacher at Hudson Elementary School. "So to have this opportunity to get my kids other places, for me as an educator, I find that very exciting."

Maine Harvest for Hunger 2015 donations break records

07 Jan 2016

For 15 years, University of Maine Cooperative Extension's statewide Maine Harvest for Hunger (MHH) program has organized gardeners, farmers, businesses, schools and civic groups to grow, glean, and donate high-quality produce to distribution sites (pantries, shelters, community meals) and directly to neighbors in need, all in an effort to mitigate hunger, improve nutrition and health, and help recipients develop lifelong, positive nutritional habits. Since the program's inception, MHH participants have distributed more than 2,197,000 pounds of food to people in Maine experiencing food insecurity. In 2015, record-breaking donations of over 318,000 pounds of food went to 188 distribution sites and directly to individuals. Nearly 500 program volunteers in 14 counties collectively logged more than 5,000 hours, and the value of the produce was over \$537,000, based on an average \$1.69 per pound. MHH has improved the efficiency of supplying low-income clients with fresh produce. Through a dialogue between recipients, donors and staff, the MHH team has made significant progress in expanding the number of offerings utilized by recipients, minimizing donation waste and extending the donation season. Shelters that years ago didn't want produce such as kale are now using our recipes and getting clients to taste test, making them more likely to adopt a healthier diet.

Pantries are minimizing waste by networking more regularly to match excess in one site with need in another site, sharing best practices for handling and distributing produce, and processing less marketable produce into nutritious food. To extend the season, donors are offering more storage crops that can be distributed over a longer time period. “Clients at homeless shelters are very interested in learning to grow their own food and are helping to establish a new four-season garden on the grounds of York County Shelter. The staff is committed to engaging residents to work in the garden, help in the food pantry, and in some cases go out with volunteers to help glean. This is great for their health and morale,” said Kristine Jenkins, executive director of Partners for a Hunger Free York County. Maine has the highest rate of food insecurity in New England, and ranks 12th in the United States. According to the Good Shepherd Food Bank of Maine [website](#), the USDA estimates that 16.2 percent of Maine households, or more than 208,000 individuals, are food insecure. Twenty-four percent of Maine’s children are food insecure (64,200 children) (Feeding America). Twenty-three percent of seniors experience marginal, low, or very low food security (AARP). Forty-three percent of food-insecure people do not qualify for food stamps or any other government program. It is especially challenging for food insecure individuals to afford high-quality, fresh, nutritious food, and Maine’s emergency food system has seen donations of fresh produce decline significantly in recent years. Contact: Frank Wertheim, 207.324.2814, frank.wertheim@maine.edu

Registration open for after-school French program

08 Jan 2016

The University of Maine Franco American Studies program is taking registrations for the spring 2016 semester of a new after-school program for children. The program, which aims to make learning French fun in a safe environment, is designed for those with minimal or no experience with the language. Classes will be held starting the week of Jan. 18 — with the exception of Martin Luther King Jr. Day — at the Old Town and Orono elementary schools. The 14-week program will be held in Old Town on Mondays and Wednesdays, and in Orono on Tuesdays and Thursdays. Classes will not be held during February and April school breaks. Claude de Lannee, originally from Paris with a master’s degree in art education, is the program’s lead teacher. Several UMaine students also will help with the program. Registrations from children in nearby areas will be accepted until Jan. 15. Cost to attend is \$180. More information, including how to register, is available [online](#) or by contacting Susan Pinette at spinette@maine.edu, 581.3791.

Summer University registration opens Feb. 1

08 Jan 2016

Summer 2016 courses are available for viewing on MaineStreet. Registration will begin Feb. 1 for students looking to fit in another course, graduate early, or boost their GPA. UMaine Summer University is an opportunity for students to further their academic goals on campus or online. [Think 30](#) credits per year — Summer University will help students stay on track. More information is [online](#).

Teisl, Ph.D. students write BDN article on teaching youth about climate change

08 Jan 2016

The [Bangor Daily News](#) published the article, “What Maine youth are learning in school about climate change,” which was written by Mario Teisl, an economics professor at the University of Maine, and Ph.D. candidates Bjorn Grigholm and Amy Kireta. Grigholm is a student in UMaine’s School of Earth and Climate Sciences and Kireta is a student in the Ecology and Environmental Sciences program. To determine how youth are being educated about climate change, the researchers developed and administered an email survey to all 2,399 middle and high school teachers in Maine, of which 369 responded, according to the article. When asked how often they teach about climate change, 63 percent said occasionally, 20 percent said frequently, and 18 percent said not at all. When these teachers were asked why they taught about climate change, 68 percent stated they saw it as an important topic, the article states. The researchers had assistance from an undergraduate, Chelsea Ogun, and master’s student, Elyse Doyle, in the School of Economics. The project was supported by the U.S. National Science Foundation Adaptation to Abrupt Climate Change IGERT program and UMaine’s Center for Undergraduate Research.

Boothbay Register advances ocean acidification presentation in Damariscotta

08 Jan 2016

[Boothbay Register](#) reported a presentation titled, “Ocean acidification and midcoast Maine estuaries” is being offered from 5:30 to 6:30 p.m. Jan. 14 at the Damariscotta River Association’s Round Top Farm in Damariscotta. The presentation is the result of an on-going partnership between the University of Maine’s Darling Marine Center and an alliance of local water monitoring organizations called the Maine Coastal Observing Alliance, according to the article. During the presentation, Larry Mayer and Kathleen Thornton, researchers at the Darling Marine Center, will discuss data collected. They will show how waters are sampled and tested, and also interpret the meaning of these data for the community, the article states.

Think 30 focus of BDN editorial on UMaine’s effort to boost retention

08 Jan 2016

The University of Maine’s Think 30 initiative and Winter Session were the focus of the [Bangor Daily News](#) editorial, “Lost degree, lost potential: UMaine right to focus on boosting retention.” Think 30 aims to help UMaine students complete a full course load of 30 credits each academic year and stay on track to graduate in four years, according to the article. The new three-week online Winter Session also is part of UMaine’s effort to improve retention and graduation rates. “UMaine’s retention and graduation rates compare favorably with similar institutions’. But every student who starts college but doesn’t earn a degree represents lost potential,” the article states. “That’s why UMaine is on the right track with efforts to ensure more of its students stay in college and graduate in four years.”

UMaine researchers study impact of melting glaciers in Peru

08 Jan 2016

In the context of modern anthropogenic climate change, many Peruvian societies are experiencing the brunt of abrupt climate change impacts. The Peruvian Andes are home to 70 percent of the world’s tropical glaciers, which provide surrounding communities with water for drinking, agriculture and pastoralism, energy production and tourism. Recent studies indicate that glacier coverage in the Cordillera Blanca — a mountain range in the Ancash region of Peru and part of the larger Andes range — has declined by more than 25 percent since 1970, which is twice the rate of the global average. In the last decade, rapidly receding glaciers in the range have resulted in an increase in heavy metals being exposed and washed downstream, degrading the region’s water quality. Though water quantity is an apparent and impending issue for the region, the overall quality of the water may be of greater concern. Understanding how changes in climate influence tropical glaciers and glacially fed systems in the Andes, and how these changes influence land use, water availability and quality is the research focus of three Ph.D. students at the University of Maine. The researchers are working to monitor the use of the regions’ essential grasslands and wetlands, which immobilize heavy metals naturally present in the valley’s hydrologic system. The project took shape in August 2014 when Kathryn Warner, Dulcinea Groff and Jessica Scheick traveled to Huaraz to speak with their local collaborators, The Mountain Institute (TMI). The nonprofit organization works to conserve mountain ecosystems, ensure sustainable economic development and offers support to local cultures. TMI was instrumental in the selection of their research site and in guiding and developing their research questions to make them relevant to local populations. The project, which ultimately resulted in two integrated projects, has seen many iterations since its inception aiming to address water availability. Since the initial trip, the larger project now includes an anthropologist, Ph.D. student Jamie Haverkamp, who is aiming to inform sustainable adaptation policies in the region using anthropological approaches. The graduate students are fellows in the Climate Change Institute’s Adaptation to Abrupt Climate Change (A2C2) 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. “In interdisciplinary, applied work, it’s important to go in with an open mind and be willing to learn and change your project as you go,” says Scheick. The purpose of UMaine’s IGERT is to tackle the issue of adaptation to abrupt climate change, part of which involves forming teams from different disciplines to come up with a collaborative immersion project. “I am often in awe of the opportunities we have in the Climate Change Institute, not only to work on important problems, but to also work with world-class leaders in climate change

research,” says Groff. To the local population in the Cordillera Blanca — the world’s highest tropical mountain range — their work will inform stakeholders about the climate history of the region and provide important information to guide decisions about current and future water management strategies. “I feel that our project was developed in a fully collaborative way with TMI, which makes the project even more exciting, knowing that we are providing information and resources to an area of particular interest not only to TMI, but also to the local communities and the Huascarán National Park,” says Warner, a trained limnologist — someone who studies inland waters — and economist. Huascarán National Park, which comprises most of the Cordillera Blanca mountain range, aims to restore the wetlands of the region. One hypothesis about the declining water quality is a lack of wetland plants able to absorb heavy metals in the environment. Removing grazing animals would be one strategy to improve water quality, but would have implications for the livelihood of pastoralists who have been in the valley for millennia. “We may be able to shed light on the ecological resilience of this system and how it may influence the social system of local communities and decisions by the national park,” says Groff. As the project’s paleoecologist, Groff uses information from the last 10,000 years to measure and understand climatic variability and how animals and plants vary in their composition in the region. “While my research focuses on natural systems, the opportunity to inform and learn from other disciplines is very important because our work may influence rangeland management practices, conservation policy, restoration efforts, etc.,” says Groff. Plant species compositions relate directly to water availability and play an important role in soil and hydrological characteristics of landscapes. By understanding the natural variation of plant communities in response to past climate variability, Groff will be able to inform future management strategies. Groff is processing samples from a lake sediment core, compiling previous studies of climate change and paleo-records from the region, and planning another trip to collect pollen from modern day plants as a reference for the pollen found in the lake sediment. “My area of expertise provides baseline information for those looking to restore the environment, with the potential to provide information that may allow restoration ecologists to set realistic goals, conserve funding and understand the environment by looking back further in time,” she says. In order to figure out how water availability has changed in the recent past, glaciologist Scheick is using satellite imagery to look at changes in the size of the glaciers that supply meltwater to Quilcayhuanca Valley. Once established, these trends will be used to infer glacier mass balance to compare with local temperature and precipitation records. “I wanted to be a part of the (IGERT) program because I wanted to be able to work with researchers across disciplines and really understand how my research is important in the broader context of human-natural systems,” says Scheick. “I have learned a lot about effectively communicating my research and working in interdisciplinary groups.” As the project’s economist, Warner assesses the value of the area grasslands using data and information gathered from TMI as well as researchers at Universidad Nacional Agraria La Molina (UNALM) near Lima, Peru. She is using cost-benefit analysis to interpret the effects of grazing on grasslands in the Quilcayhuanca Valley and the subsequent effects on water quality in the region. Using ecological and economic analysis, she aims to provide potential management and adaptation strategies that allow pastoralists to continue their way of living while improving water quality. Calculating values of environmental goods and the resources and/or time people are willing to sacrifice to implement preventative and adaptive strategies is important to effectively create, modify and apply adaptation measures, Warner explains. “It is important to first understand the climate history of the region and potential impacts of future climate changes on individuals before generating adaptation and management strategies.” Warner’s other primary area of study is aquatic ecology, and she has been working with collaborators at Northern Illinois University and SUNY Fredonia to use diatoms — small algae with glass-like cell walls — preserved in the sediments of a core taken from Laguna Palcacocha to reconstruct lake level over the past two millennia. Changes in lake level aid in understanding water balance in the region over the past few thousand years. The economic analysis is underway, and the data is being collaboratively collected with TMI and UNALM. During the next trip, the team plans to provide results from the natural science portions of the study and to collect more information for the economic and anthropological parts. “The resources at UMaine have allowed us to be successful so far and various people and groups have assisted us with all stages of our project from logistics in planning and travel, to dating sediment cores, and providing valuable feedback on how and what steps to take next,” says Warner. “While four of us make up the core team, it has truly been an effort across many individuals.” Contact: Amanda Clark, 207.581.3721

UMaine students to perform Broadway’s best

08 Jan 2016

Ben McNaboe wants performers to be inspired and audiences to be amazed. So the University of Maine graduate student in music education has organized “Astonishing! The Songs and Stories of Broadway’s Best,” to be held at 7:30

p.m. Saturday, Jan. 30, at the Collins Center for the Arts at the University of Maine. A 50-member student, faculty and alumni orchestra, as well as 30-plus vocalists, will perform inspirational selections from Broadway musicals old and new at the 3rd Annual School of Performing Arts (SPA) Fundraiser Pops Concert. Money raised will help the SPA continue to provide high-quality experiences for students seeking to become educators and professional performers as well as increase outreach initiatives throughout the state and region. McNaboe, music director and conductor of the concert, enjoys watching the reactions of UMaine students, including vocalists singing for the first time in front of a powerful orchestra and new performers who cause an audience leap to its feet to cheer. McNaboe also says it's imperative to show UMaine students and high school students statewide that it's possible to earn a living as a professional performer. UMaine student soloist Kayla Gayton of Sabattus, agrees. "It's important so students can see what they could accomplish with hard work. It gives students something to aspire to," says the second-year music education major. Enter featured guest artist Stephanie Burkett Gerson. The California native tours with Disney in Concert and USO Show Troupe and has been in theater productions of "Joseph And The Amazing Technicolor Dreamcoat" and "You're a Good Man, Charlie Brown." She also is a member of the renowned Broadway Inspirational Voices and has a solo debut album titled "Once Upon A Time." In addition to performing in concert, Gerson will share her expertise with young performers at four Maine high schools and with UMaine musical theatre students during her visit. Bringing in guest artists to provide varied learning experiences was one of several goals McNaboe had in mind when he conceived this event several years ago. He was a junior when he brought together SPA students to showcase their talents for the inaugural fundraising concert that celebrated the classics of Rodgers & Hammerstein. "I kind of wanted to shake things up," he says of that first concert in Hauck Auditorium. "It was a bonding experience; it created a community experience for the school." And for community members as well. Retired physician Fredrica Smith played for the 2014 fundraiser soon after she and her husband, Paul Smith moved to Orono from New Mexico, where she was in private practice for 37 years. Smith, who calls McNaboe a wonderful ambassador for SPA, says she's looking forward to participating in this year's concert as well. "This year the rehearsals are going well, and I expect this to be another excellent production," says Smith, who plays string bass. Smith says one reason she and her husband moved to Orono was that Dr. Anatole Wieck, director of orchestral studies, welcomes community members' participation in the University Orchestra. Smith says she and her husband, a UMaine alum and retired mechanical engineer, have been impressed with students they've met at the New Balance Student Recreation Center and in the music department. "They are all delightful people as well as serious students in their fields," she says. "With young folks like these, the world's future looks bright." McNaboe has high praise for Smith and her contributions to the orchestra, as well. He says the wonderful musician is a "joy to be around in rehearsals and concerts and is eager to interact with and mentor undergrads who are playing alongside her." In addition to building community, that first concert raised about \$9,000, which helped fund the University Singers' annual spring tour and was used to buy a new digital piano that ensembles take with them for off-campus community performances. The Collins Center for the Arts was the venue for last year's second annual production — "150 Years of American Song: A Celebration of the University of Maine." UMaine alum Merritt David Janes, '04, who was then on a national Broadway tour of "The Phantom of the Opera," was the featured guest artist. The second concert cleared about \$8,000 and, in addition to helping finance the Singers' outreach tour, paid for a visiting choreographer and musician to each teach a Master Class on campus. The emcees and hosts for this year's event are Morgan Cates and Grace Livingston Kramer. Tickets are \$25 general admission, \$12 with a student MaineCard. In the event of inclement weather, the concert will be at 2 p.m. Sunday, Jan 31. Prior to the Saturday evening concert, a Friends of the Fundraiser reception with hors d'oeuvres and beverages will be held at 6 p.m. in the Hudson Museum at the CCA. Attendees' names will be listed in the lobby and concert program. Cost is \$35. The public also is invited to a free Master Class taught by Gerson at 2 p.m. Friday, Jan. 29, in Minsky Recital Hall, Class of 1944 Hall. A promotional video about the concert is available [online](#). Contact: Beth Staples, 207.581.3777

Mayewski to be featured in two-part '207' piece

11 Jan 2016

Paul Mayewski, director of the Climate Change Institute, will talk about his recent excursion in the South Atlantic on "207," which will air at 7 p.m. Monday, Jan. 11 and Tuesday, Jan. 12, on WLBZ (Channel 2) and WCSH (Channel 6). Rob Caldwell, host of "207," will talk with Mayewski about his 4.5-week trek to recover ice cores in South Georgia. A full [news release](#) about the trek and more information including photos and a video are [online](#).

UMaine waste study cited in BDN article on diverting food from landfills

11 Jan 2016

A 2011 waste characterization study by the University of Maine School of Economics was cited in the [Bangor Daily News](#) article, “How we can divert food from landfills to cupboards, food banks.” The study found about 28 percent of what Mainers send to landfills is food, according to the article.

Press Herald advances Anderson’s seminars on land transfer planning

11 Jan 2016

A full-day seminar organized by Gary Anderson, a University of Maine Cooperative Extension professor and animal and bio-sciences specialist, was mentioned in the [Portland Press Herald](#) article, “Ceding the farm in Maine takes planning and sometimes creativity.” Anderson helps organize daylong seminars on land transfer planning in New England that cover many aspects of transitioning a farm, according to the article. Anderson will offer a seminar in January in Maine, but a date and location have not yet been confirmed, the article states.

MPBN airs latest in series focusing on aging, Maine Policy Review

11 Jan 2016

Patricia Oh, coordinator of older adult services in Bowdoinham, was a recent guest on the [Maine Public Broadcasting Network](#)’s “Morning Edition.” She spoke as part of a monthlong series that focuses on the challenges faced by Maine’s increasing population of older adults and how public policy is addressing them. Oh and other guests in the series contributed to the Maine Policy Review’s “[Special Issue on Aging](#).” The publication is produced by the Margaret Chase Smith Policy Center at the University of Maine. Oh wrote the [essay](#), “The Age-Friendly Community Movement in Maine.”

2015 Maine Harvest for Hunger donations break record, AP reports

11 Jan 2016

The Associated Press reported the University of Maine Cooperative Extension has distributed more food through its Maine Harvest for Hunger program in 2015 than in any year in the program’s 15-year history. The program, which organizes farmers, businesses, gardeners, schools and civic groups to donate food, gave more than 318,000 pounds of food to 188 distribution sites and individuals, according to the article. Almost 500 volunteers spent more than 5,000 hours on the donation work in 2015, the article states. Maine has the highest rate of food insecurity in New England, and ranks 12th in the United States. [Fosters.com](#), The Republic in Indiana, and The Monitor in Texas carried the AP report. WVII (Channel 7) and [The Maine Edge](#) also reported on the program.

More than 140 employers expected at UMaine Career Fair

12 Jan 2016

The University of Maine Career Center will host the 18th annual UMaine Career Fair from 10 a.m. to 3 p.m. Wednesday, Feb. 3 at the New Balance Student Recreation Center. More than 140 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. “We look forward to welcoming all of these organizations to the University of Maine,” says Crisanne Blackie, director of the Career Center. “With such wide range of opportunities available, we encourage students to take advantage of all that the Career Fair has to offer.” Students attending the fair are advised to dress professionally, bring resumes, prepare a 30-second introductory pitch, and research the companies they plan to speak with before attending. New this year, students also are encouraged to download the “Careers by Simplicity” app available on Apple’s App Store and Google Play. The feature allows students to filter participating employers by available positions and preferred majors. 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 850 students attend the event annually. The fair is underwritten by Bangor Savings Bank and Camden National Bank with additional support from several area sponsors including Kepware Inc. and Tyler Technologies. More information, including a [list](#) of participating employers and [Career Fair tips](#), is available [online](#) or by contacting Blackie at cblackie@maine.edu or 581.1355. The snow date for the event is Wednesday, Feb. 10.

National Geographic quotes Blais in article on cohousing communities

12 Jan 2016

Joline Blais, a new media professor at the University of Maine, was quoted in the [National Geographic](#) article, “How these communities save energy — and time for what matters.” The article focused on the rising popularity of modern-day villages, known as cohousing, where people seek a greater connection with the environment and each other. Blais spoke about her work with Belfast Cohousing & Ecovillage, a group of 36 homes set on a former dairy farm along the coast. “Most of us downsized our homes when we moved in,” said Blais, who lives in the Belfast village with her family. She said all the shared meals and resources contribute to even more savings.

Mayewski speaks about recent excursion, climate change on WLBZ

12 Jan 2016

Paul Mayewski, director of the Climate Change Institute, spoke about his recent 4.5-week trek to recover ice cores in South Georgia on “207,” a news program on WLBZ (Channel 2) and WCSH (Channel 6). Part I of the interview aired Monday, Jan. 11. Part II will air Tuesday, Jan. 12.

Maine Summer Youth Music Camp registration is underway

12 Jan 2016

Registration is open for Maine Summer Youth Music Camp (MSYM) at the University of Maine, continuing a 23-year tradition that attracts some of the state’s most talented middle school and high school musicians and performers. MSYM Junior Camp, July 10–15, and Senior Camp, July 16–24, is offered by UMaine’s School of Performing Arts and features instruction led by experienced and renowned musicians and educators from the university and across the country. Camp activities include jazz ensemble, chorus, string ensemble, symphonic band, concert band and musical theatre. Youths also have opportunities to attend master classes and performances by professional artists. They also participate in public performances. MSYM is led by Christopher White, who directs the University of Maine Symphonic Band, Pride of Maine Black Bear Marching Band and the Screamin’ Black Bear Pep Band. This will be White’s sixth year as MSYM director and 23rd year working at camp. Junior Camp is open to students in grades 5–leaving grade 8. Senior Camp is for youth leaving grade 8–12. Registration and scholarship applications are available [online](#). For more information or to request a disability accommodation, call 207.581.4703 or write music@maine.edu; umaine.edu/spa/msym.

2015 faculty books exhibit at Fogler Library

13 Jan 2016

Throughout January, Fogler Library is showcasing books published by University of Maine faculty in 2015. Authors come from fields as diverse as communication sciences and disorders, physics and astronomy, English, anthropology, political science, psychology, communication and journalism, mechanical engineering, civil and environmental engineering, and mathematics and statistics. The exhibit is in the first floor hallway of the library and online.

UMMA winter exhibits advanced in media

13 Jan 2016

The [Bangor Daily News](#), [The Maine Edge](#) and [Village Soup](#) reported the University of Maine Museum of Art in

downtown Bangor will open three new exhibitions for winter 2016 beginning Jan. 15. “Three-Sided Dream” by Jon Davis, “Studiolo” by Richard Whitten and “thick skinned” by Dan Dowd will be on display at the museum until April 30. “The common thread of these three feature exhibitions is the idea of artists exploring assemblage, mixed media works and collage in three very distinct ways,” George Kinghorn, director and curator of the museum, told the BDN.

WVII interview focuses on Top Gun entrepreneurship accelerator program

13 Jan 2016

Lisa Liberatore, Top Gun regional program coordinator, spoke with WVII (Channel 7) about the Top Gun entrepreneurship accelerator program. Liberatore said 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. The Top Gun program is made possible by the Maine Center for Entrepreneurial Development, University of Maine, Maine Technology Institute, and with support from Camden National Bank, as well as many local business sponsors, program advisers and mentors. UMaine is offering a “PreFlight” workshop from noon–1:30 p.m. Jan. 13 at the Target Technology Center in Orono to help entrepreneurs prepare 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](#).

Maine Edge previews School of Performing Arts benefit concert

13 Jan 2016

[The Maine Edge](#) published a University of Maine news release announcing “Astonishing! The Songs and Stories of Broadway’s Best,” at 7:30 p.m. Saturday, Jan. 30, at the Collins Center for the Arts. A 50-member student, faculty and alumni orchestra, as well as 30-plus vocalists, will perform selections from Broadway musicals at the third annual School of Performing Arts (SPA) Fundraiser Pops Concert. Money raised will help the SPA continue to provide high-quality experiences for students seeking to become educators and professional performers as well as increase outreach initiatives throughout the state and region. Tickets are \$25 general admission, \$12 with a student *MaineCard*.

MLK Day Breakfast Celebration mentioned in Press Herald article on NAACP

13 Jan 2016

The 2016 Dr. Martin Luther King Jr. Breakfast Celebration scheduled to be held at the University of Maine on Jan. 18 was mentioned in the [Portland Press Herald](#) article, “Agreement with NAACP allows Maine chapters to hold King holiday events.” The Greater Bangor NAACP and UMaine will sponsor the breakfast at the Wells Conference Center beginning at 8:30 a.m. The event will feature music and a keynote address by Alison Beyea, executive director of the American Civil Liberties Union of Maine. Tickets are \$25. Registration is required and can be completed [online](#). The breakfast also was included in a [Bangor Daily News](#) roundup of Martin Luther King Jr. Day events around the state.

Glover mentioned in BDN article about group pushing new casino

14 Jan 2016

The [Bangor Daily News](#) reported a group linked to a controversial Las Vegas developer is gathering signatures to convince Maine voters to grant the developer rights to a York County casino via a 2016 referendum. The campaign is drawing attention for misleading tactics, according to the article. Robert Glover, an assistant professor of political science and Honors at the University of Maine, said he was approached by an employee of the campaign who told him that he wanted to recruit students who would be paid upward of \$10 per signature, the article states. [WVII](#) (Channel 7) also quoted Glover, and the [Sun Journal](#) carried the BDN article.

Brewer speaks with WVII about State of the Union, presidential race

14 Jan 2016

Mark Brewer, a political science professor at the University of Maine, was a recent guest on [WVH](#) (Channel 7). He discussed topics including President Barack Obama's final State of the Union address, as well as coming debates and primaries in the presidential race.

Distinguished Maine Policy Fellow Rep. Ellie Espling to visit UMaine

15 Jan 2016

Margaret Chase Smith Distinguished Maine Policy Fellow Rep. Ellie Espling will visit the University of Maine on Monday, Jan. 25. 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 Rep. Sara Gideon, assistant majority leader of the Maine House of Representatives, visited the university in October. Espling is the assistant Republican leader of the Maine House of Representatives where she represents House District 65, which includes part of Poland in Androscoggin County and all of New Gloucester in Cumberland County. She is serving her third term in the House and is a past member of the legislature's Inland Fisheries and Wildlife Committee. Espling will be honored with a reception from 4–5:30 p.m. at the University Club in Fogler Library. All are welcome to attend the event, no RSVP is required. Espling's visit is co-sponsored by the Margaret Chase Smith Policy Center and the Office of the Executive Vice President for Academic Affairs and Provost.

Fosters.com reports on Master Gardener training in York County

15 Jan 2016

[Fosters.com](#) reported applications are now available for the 2016 University of Maine Cooperative Extension Master Gardener Volunteer training in York County. Classes will meet 6–9:30 p.m. Thursdays from Feb. 4 through early June at the Anderson Learning Center in Springvale. Participants will receive more than 60 hours of in-depth horticultural training from UMaine Extension specialists, educators and other experts, according to the article. Topics will include soils, botany, seed starting, growing herbs, fruits and vegetables, composting, landscaping, pruning and pest management, the article states. The program fee is \$220; limited financial assistance is available. More information about the program, including the application, is [online](#). The application deadline is 4:30 p.m. Jan. 20.

Drummond, Yarborough quoted in Maine magazine article on blueberries

15 Jan 2016

Frank Drummond, an entomology specialist with the University of Maine Cooperative Extension and a UMaine professor of insect ecology, and David Yarborough, a wild blueberry specialist with UMaine Extension and professor in the School of Food and Agriculture, were quoted in a [Maine](#) magazine article about the wild Maine blueberry industry. In the article, Drummond and Yarborough — who are referred to as the state's two most prominent blueberry experts — speak about the history of the wild blueberry in Maine, how the industry began to thrive and the challenges blueberry growers face today. According to Drummond, Maine's wild blueberries “are 100-percent reliant on bee pollination,” which is a concern because “honeybees are in crisis.”

Garland speaks about Master Gardener program on WABI

15 Jan 2016

Kate Garland, a horticulturist with the University of Maine Cooperative Extension, visited WABI (Channel 5) to speak about the University of Maine Cooperative Extension Master Gardener Volunteer program. “The mission of the program is to train the public in research-based horticulture information, and we ask them after the training to bring their education out to the public either through an educational program or through food security programming such as

Maine Harvest for Hunger,” Garland said. “And they donate a lot of time and energy back to the public that way.” Winter/spring training sessions begin in February at several locations around the state. Garland said the program attracts a diverse population and is open to anyone regardless of their gardening experience.

Flagship Match financial aid program cited in [Boston.com](#) report

15 Jan 2016

The University of Maine’s Flagship Match financial aid program was mentioned in the [Boston.com](#) article, “With college enrollment declining, schools discount tuition to attract students.” UMaine’s Flagship Match, which is geared toward out-of-state students in New England, 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. Joel Wincowski, UMaine’s interim vice president for enrollment management, said applications to the university have increased by 11 percent since it announced the out-of-state discount, according to the article.

UMaine community invited to talk by astronaut Jessica Meir

19 Jan 2016

The 30th anniversary of the Challenger Space Shuttle’s final flight will be observed with a lecture by NASA astronaut Jessica Meir at the University of Maine. Meir, a native of Caribou, Maine, will speak at 10 a.m. Jan. 27 at the Collins Center for the Arts, sponsored by Challenger Learning Center of Maine. Her appearance is an assembly for Maine schoolchildren, and members of the UMaine community are invited. To attend, UMaine employees and students must register [online](#) and show their MaineCard at the door. More information is available by contacting Susan Jonason, executive director of the Challenger Learning Center, at 990.2900, ext. 4; sjonason@astronaut.org. Biographical information about Meir is online.

Press Herald article on seed catalogs mentions Fogler Library special collection

19 Jan 2016

A special collection at the University of Maine’s Fogler Library was mentioned in the [Portland Press Herald](#) article, “Find a treasure trove of old Maine seed catalogs online.” More than 18,000 seed and nursery catalogs dating back to the 18th century have been digitized and uploaded by the National Agricultural Library to the nonprofit Internet Archive, according to the article. Fogler is home to its own collection — two boxes of seed catalogs that were collected and donated by Iva Burgess, who was on the biology staff of the Agricultural Experiment Station, the article states. Interest in that collection has increased, said special collections librarian Desiree Butterfield-Nagy. “We’ve had classes that have come in to look at invasive (plant) species to see how they were marketed initially,” she said.

CCI researchers cited in PRI report on Greenland, climate change

19 Jan 2016

[PRI’s “The World”](#) mentioned two University of Maine researchers in the report, “In Greenland, a climate change mystery with clues written in water and stone.” According to the article, Greenland holds the world’s second largest ice sheet, and it’s melting fast — an average of 287 billion metric tons of ice a year. 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 to study the sudden and dramatic retreat of the Helheim glacier a decade ago, according to the article. The researchers are looking for clues to the decline in hopes of predicting what might happen in the region as the climate rapidly warms, the article states. The report also included a photo of the glacier that was contributed by Ellyn Enderlin, a research assistant professor in CCI and UMaine’s School of Earth and Climate Sciences. Hamilton also spoke about his research in a related report by [“The World,”](#) titled, “Looking small for big answers in Greenland.” The [Pulitzer Center on Crisis Reporting](#) also cited the reports by “The World.”

Crittenden speaks with MPBN about program to improve leadership skills of older adults

19 Jan 2016

Jennifer Crittenden, assistant director of the University of Maine Center on Aging, and Lelia DeAndrade, director of grant-making services at the Maine Community Foundation, were recent guests on the Maine Public Broadcasting Network's "Morning Edition." They spoke about ENCorps, a program that helps older adults with leadership skills. Crittenden is ENCorps' program manager, and DeAndrade leads the staff. The pair spoke as part of a monthlong series that focuses on the challenges faced by Maine's increasing population of older adults and how public policy is addressing them. Crittenden, DeAndrade and other guests in the series contributed to the Maine Policy Review's "[Special Issue on Aging](#)." The publication is produced by the Margaret Chase Smith Policy Center at UMaine. Crittenden and DeAndrade wrote the [essay](#), "Never Too Old to Lead: Activating Leadership among Maine's Older Adults."

STEM study cited in NY Times article on Microsoft's acquisition of MinecraftEdu

19 Jan 2016

A three-year, \$2 million National Science Foundation project led by University of Maine researchers was cited in a [New York Times](#) article about Microsoft acquiring MinecraftEdu, a modified version of Minecraft tailored for use in schools. The popular video game is described as a digital sandbox, inside which players can construct anything they want, much of it out of block-shaped materials, according to the article. There is little research that demonstrates using Minecraft in schools directly leads to improved academic results, the article states, citing the UMaine study that aims to discover how the game might affect students' interest in science, math and engineering. Bruce Segee, the Henry R. and Grace V. Butler Professor of Electrical and Computer Engineering at UMaine, and Craig Mason, a UMaine professor of education, are leading the study. 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. The study also was cited in a [Game Informer](#) article on researching Minecraft in the classroom.

UMaine included in Money article on new tuition discount programs

19 Jan 2016

The University of Maine was included in [Money](#) magazine's article, "8 colleges that just launched big tuition discount programs." In December, UMaine announced it will allow students from Massachusetts, New Hampshire, Vermont, Connecticut, New Jersey and Pennsylvania to pay special in-state tuition rates through the Flagship Match financial aid program, according to the article. Rather than paying the in-state tuition rate available to Maine residents, these students will pay tuition that matches in-state rates for their home state's flagship university, the article states. [Yahoo Finance](#) also published an article citing the Money report.

Media cover annual MLK Day Breakfast Celebration

19 Jan 2016

The [Bangor Daily News](#), WVII (Channel 7), WABI (Channel 5) and WLBZ (Channel 2) reported on the 2016 Dr. Martin Luther King Jr. Breakfast Celebration held at the University of Maine. The breakfast, which was sponsored by the Greater Bangor NAACP and UMaine, featured music and a keynote address by Alison Beyea, executive director of the American Civil Liberties Union of Maine. More than 250 people attended the event at Wells Conference Center, according to the BDN. "We have reasons for continued optimism, and we have equally strong reasons for concern," said Michael Alpert, president of the Bangor NAACP chapter and director of the University of Maine Press. The [BDN](#) also spoke with Alpert ahead of the Monday event for the article, "Bangor NAACP leader has plans to restore organization's status." During the event, Antonia Carroll, a fourth-year chemistry and international affairs double major at UMaine, received the Dorothy Clarke Wilson Peace Writing Prize for her poem, "Still stirring," media reported. "We have to remember that this is a long process and it's not over," Carroll told WABI. "And the events that are happening now — the events that are happen in this country every day, in our own schools every day — these are things that are not

slowing down, and we need to address them. Because if we don't address them then we're going to be having this conversation again in 100 years from now, 200 years from now, and that's just not acceptable."

NY Times quotes Brewer, Palmer in article on unorganized territories

19 Jan 2016

Mark Brewer, a political science professor at the University of Maine, and Kenneth Palmer, a professor emeritus of political science at UMaine, spoke with [The New York Times](#) for the article, "In Maine, local control is a luxury fewer towns can afford." In northern Maine, as operating costs have increased, the economy has stalled and the population has aged and decreased, some towns have pursued the process of eliminating local government, according to the article. "Just the price tag to keep their local governments up and running is more or less untenable," Brewer said. "It's the final step in this long, drawn-out process, which really starts with population decline." Other states have unorganized or unincorporated areas, but in Maine about half of the land is Unorganized Territory, the article states. "Maine has this oddity of having all of this space in an area of the country that cherishes town meetings and town governments," Palmer said. "These tiny towns don't have enough people to generate the municipal staff to really run the town. It's this abandonment of a town structure." [Boston.com](#) also published the New York Times report.

Darling Marine Center, UMaine Online among latest programs to debut new website

20 Jan 2016

The [Darling Marine Center](#) and [UMaine Online](#) are among the latest programs to upgrade to the university's new website template. [School of Policy and International Affairs](#), [Commencement 2016](#), [Summer University](#), [Division of Lifelong Learning](#), [NASA Student Launch Initiative 2016](#), [Communication and Journalism](#), [Enrollment Management](#), [Maine Climate and Ag Network](#) and [UMaine Video and Web Conferencing](#) 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.

Maine Edge previews January star shows at Emera Astronomy Center

20 Jan 2016

[The Maine Edge](#) advanced scheduled public star shows in January at the University of Maine's Emera Astronomy Center. Star shows are held throughout the month at 7 p.m. Fridays and 2 p.m. Sundays. On Fridays, viewers can see "Cosmic Journey" on Jan. 22 and "Black Holes" on Jan. 29. Sunday afternoon shows include "Little Star that Could" for younger viewers on Jan. 24, and "Earth, Moon and Sun" for children ages 6–12 on Jan. 31. Admission to all shows is \$6, and seating is limited. More information is [online](#).

Butler writes op-ed for BDN

20 Jan 2016

The [Bangor Daily News](#) published the opinion piece "This mother's story highlights Maine's need for more affordable housing" by 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.

Blomberg to give presentation on ruffed grouse, VillageSoup reports

20 Jan 2016

[VillageSoup](#) reported Erik Blomberg, a professor of wildlife population ecology at the University of Maine, will lead a presentation about ruffed grouse in Maine on Tuesday, Jan. 26. Blomberg will speak at noon at Merryspring Nature Center in Camden, according to the article.

Maine Edge advances talk by astronaut at CCA

20 Jan 2016

[The Maine Edge](#) reported NASA astronaut and Caribou native Jessica Meir will speak at 10 a.m. Jan. 27 at the Collins Center for the Arts to commemorate the 30th anniversary of the Challenger Space Shuttle's final flight. Meir's appearance is an assembly for Maine schoolchildren, and members of the UMaine community are invited. The event is sponsored by Challenger Learning Center of Maine. To attend, UMaine employees and students must register [online](#) and show their MaineCard at the door. The talk also was mentioned in a [Bangor Daily News](#) article on Meir's visit to Maine.

Kelly elected new director of First Bancorp, media report

20 Jan 2016

[Business Wire](#) published and distributed a First Bancorp news release announcing that Renee Kelly has been elected to serve as a director for The First Bancorp, Inc., and its banking subsidiary, The First, N.A. Kelly is director of economic development initiatives at the University of Maine and co-director of the Foster Center for Student Innovation. [Financial Content](#), [Portland Press Herald](#) and [Mount Desert Islander](#) also published reports on Kelly's new role.

Potato varieties developed at UMaine mentioned in Press Herald 'Maine Gardener' column

20 Jan 2016

The University of Maine was mentioned in the latest column in the [Portland Press Herald](#) "Maine Gardener" series, titled "Catalogs seed desire for new flowers and vegetables." Two of UMaine's newly developed potato varieties — Caribou Russet and Pinto Gold — are for sale this year in seed catalogs for the first time, according to the column. Caribou Russet is designed as an improvement to the widely used Russet Burbank, the article states. It has a more uniform shape, gets a high yield and has shown good disease resistance in initial tests. Pinto Gold is a specialty/gourmet potato, for a niche market, according to the article. It has red skin with yellow eyes, and the flesh is light yellow and has a creamy texture.

WVH interviews Rebar, Acheson about state's higher than average grocery bills

20 Jan 2016

WVH (Channel 7) spoke with John Rebar, executive director of the University of Maine Cooperative Extension, and Ann Acheson, a research associate at UMaine's Margaret Chase Smith Policy Center, for a report about Maine's annual grocery bills being high above the national average. A recently released report from the U.S. Bureau of Economic Analysis found Mainers spend almost \$1,000 more per capita on their annual household food budget. One of the reasons could be the cost of transporting food, according to the report. "You bring a truck full of food into Maine and that truck heads back empty because there isn't a neighboring place to go to," Rebar said. "We're the only state in the nation that borders only one state in the contiguous 48." Rebar said the increase in farmers markets has added to the value of agriculture and production in the state, although it may cost the consumer a little more. "I think the quality of life that we have in Maine is why we're here, and it's well worth the cost of other things," he said. Acheson said the numbers in the report are too high because it factors in expenditures made by summer residents, but only divides totals spent by the state's year-round population. "Maine has the highest percentage of seasonal dwellings of any state in the country," she said.

UMaine holds second preliminary FY17 E&G budget forum

20 Jan 2016

The second University of Maine forum to update the UMaine community about the preliminary FY17 education and

general (E&G) budget was held Jan. 20 in Neville Hall. The forum is part of ongoing campus engagement to receive input and answer questions about the early stages of UMaine's budget development process. Among the updates presented in the second forum:

- The budget gap reflects \$2.57 million in projected expenses (including compensation and benefits, utilities, insurance, funded depreciation and UMS shared services) and more than \$4.27 million in strategic investments (including investments in student financial aid, foundational academic programs and Signature and Emerging Areas of Excellence).
- The President and Provost are working with deans and other leadership across campus to draft budget reduction impact statements. Decisions on allocations of investments and target cuts reflect institutional priorities and seven-year enrollment trends.
- Some budget cuts remain unassigned, pending discussions with the University of Maine System to explore options for closing the gap.

UMaine's third FY17 budget forum will be March 23. Like last year, UMaine's FY17 preliminary E&G budget development process focuses on transparency through ongoing campus conversations, in scheduled budget forums and through an online budget feedback tool. Contact: Margaret Nagle, 207.581.3745

Benjamin Brown: Using new media, forestry skills to aid workers in woods

20 Jan 2016

Growing up in a family of foresters, University of Maine new media student Benjamin Brown knew firsthand the challenges of working in the Maine woods. During high school, the Norway, Maine native chose to experience the trade himself. He went to work with his father and brothers driving a skidder. "That entails getting in a large piece of equipment and spending all day going back and forth between the slasher (saw) and finding wood out in the woods," Brown says. "I spent a lot of time going in the wrong direction and wasting fuel having to drive back, so I thought, 'How can I improve this?'" Considering how he could upgrade the process led Brown to create Forestry Finder, an Internet-based application to be used by people within the forest industry in all stages of a logging operation — from surveying to harvest.

https://youtu.be/SsV-KmXxz1g?list=PL28UkmAX_RmevUuDsZj_5y-kjLfrY1kdB [Transcript](#)

"Forestry Finder is an app that anybody can use with very minimal interaction and get a lot of feedback that I don't think is available in any other context," Brown says. "It allows you to basically put pins in a Google map that everybody can see for various purposes." After registering for free on the application's [website](#), users can track their GPS location using a 4G data connection and place a pin at their location in a shared map anyone on the website can see. The pins can be used by loggers to orient themselves or return to a location. "Each user can place as many pins as they want, allowing you to do such tasks as marking a job location for truck drivers, placing boundary lines to be observed when felling trees, marking a malfunctioning or damaged machine far away from the landing, and marking hazards or otherwise inaccessible areas," Brown says of his capstone project. In developing the app, Brown sought to keep it easy to access and use for anyone in the forest industry despite their level of technical expertise. "The less steps that they need to get involved in the infrastructure that we've already got is better," he said. By making the program available online, as opposed to through an app that needs to be located and downloaded, it can be used on any cellphone with a data or Internet connection with minimal setup, Brown says. Although Brown created the app specifically for forestry, he sees potential in other areas and has been approached by agriculturists who are interested in learning more. "I think that's the point of new media," he says. "It's supposed to express itself through everything. You can use it to improve anybody's life, and this app obviously has many different situations it could be useful not just in forestry." Before starting the New Media program, Brown expected to earn a degree similar to computer science, but was pleasantly surprised with the amount of variation the program offers. "I really enjoy how much freedom there is," says Brown, who also is pursuing a minor in art. "Not only did I get the projects that encouraged me to learn coding, but I've also learned about creating good compositions with videos, editing, taking photography, creative design. I feel like basically I can go anywhere with this degree." He says students who enter the program should be self-directed and motivated. "You'll get projects that are ambitious, and if you're not equally as interested in learning, you're not going to get as much out of them," he

says, adding he has been able to apply the skills he has learned from assignments on personal projects. “The New Media program has a great deal of unique resources that have helped me learn a great deal,” Brown says citing the IMRC Center. “I love being able to rent camera equipment and use the multiple studios to edit, create special effects, and code in programs that I wouldn’t otherwise have access to.” Brown, who graduated in December 2015, hopes to stay in Maine and find work in Web design, on a film crew or creating database structures. **Transcript Ben Brown:** My name is Ben Brown. I'm a new media major at the University of Maine. My dad and both of my brothers have worked in the woods all of their lives. It's been a very pervasive part of mine. I spent a lot of time going home on the weekends to basically work for my dad. My capstone was the Forestry Finder Web application. I made it specifically to assist people within the forestry industry. Coming from a background where I had that sort of experience, it gave me insight into what I could potentially do to help, using these technologies. Forestry Finder is a lightweight app that anybody can use with very minimal interaction and get a lot of feedback. It allows you to basically put pins in a Google map that everybody can see. You can use it to locate damaged equipment. You can use it to locate a job site if only one person has been involved. You can use it to place pins in a Google map where perhaps wood has been left behind or there is something to consider when you're going in and removing the wood in the first place. The best thing about it is at all stages, you can find some use for it. I began working with my family in about the end of high school driving skidder. Basically, that entails getting in a large piece of equipment and then spending all day going back and forth between the slasher and finding wood out in the woods. I spent a lot of time going the wrong direction, and wasting fuel having to drive back. I thought, how can I improve this? The point of new media is it's supposed to express itself through everything. You can use it to improve anybody's lives. This app obviously has many different situations that it can be useful, not just in forestry. I've had agriculturalists come up and talk to me about how they were interested into it and how they wanted more information. In new media I really enjoy how much freedom there is. I began thinking it was going to be like a computer science degree. Not only did I get the projects that encouraged me to learn coding, but I've also learned about creating good compositions with videos, editing, taking photography, creative design. I feel like basically, I can go anywhere with this degree. [Back to profile](#)

Mette’s article most downloaded of 2015 in educational leadership journal

21 Jan 2016

Ian Mette, an assistant professor of educational leadership at the University of Maine, had the most downloaded article of 2015 in the Journal of Cases in Educational Leadership. The paper, “Turnaround, Transformational, or Transactional Leadership: An Ethical Dilemma in School Reform,” appeared in the December 2014 issue of JCEL. It was downloaded more than 1,500 times last year, according to the journal’s website. The article examines the negative impact school reform policies can have on underperforming schools, particularly schools that serve high percentages of minority students. It highlights how accountability policies place extreme pressure on educators to teach to a standardized test, which often leads to an increase in rote memorization and a decrease in higher-order thinking and instruction. “Many communities in Maine are beginning to experience similar issues and pressures as school systems respond to increasingly diverse racial populations as a result of new migration patterns, as well as the negative impact on communities being labeled a failing school,” Mette said. The article was based on research Mette did for his Ph.D. dissertation at the University of Missouri. It was co-written with Jay P. Scribner, a professor at Old Dominion University. The paper can be viewed online.

Localize international dishes with UMaine Extension

21 Jan 2016

Using local foods in international cuisine is the focus of a hands-on workshop from 10 a.m. to noon Saturday, Feb. 20, at the University of Maine Cooperative Extension Cumberland County office, 75 Clearwater Drive, Falmouth. Participants can sample several recipes, including Maine lobster dumplings and crab wontons, and take home a selection of items. Extension volunteer Sheri Fistal will lead the class, which is part of the “From Scratch: Your Maine Kitchen” series. Cost is \$40 per person. Registration is online. For more details, or to request a disability accommodation, contact 781.6099, 800.287.1471 (in Maine), extension.rlreception@maine.edu. The series concludes March 19 with “Cooking with Maine Beer.”

Waste study cited in BDN article on compost, sustainability

21 Jan 2016

A 2011 waste characterization study by the University of Maine School of Economics was cited in the [Bangor Daily News](#) article, "What it would take for Maine to compost its way to sustainability." The study found about 43 percent of what Mainers send to landfills and incinerators is compostable, and two-thirds of that waste is food, according to the article. The study also was cited in the [Portland Press Herald](#) article, "Turn your food waste into a potluck party."

Maine Edge advances campus visit by Distinguished Maine Policy Fellow

21 Jan 2016

[The Maine Edge](#) published a University of Maine news release announcing Margaret Chase Smith Distinguished Maine Policy Fellow Rep. Ellie Espling will visit campus on Monday, Jan. 25. 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. Espling is the assistant Republican leader of the Maine House of Representatives where she represents House District 65, which includes part of Poland in Androscoggin County and all of New Gloucester in Cumberland County. She is serving her third term in the House and is a past member of the legislature's Inland Fisheries and Wildlife Committee. Espling will be honored with a reception from 4–5:30 p.m. at the University Club in Fogler Library. All are welcome to attend the event, no RSVP is required.

UMaine Extension, Top Gun program cited in Mainebiz article on new malthouse

21 Jan 2016

[Mainebiz](#) reported on the newly opened Blue Ox Malthouse in Lisbon Falls. Company founder Joel Alex said he wanted to provide a local source for malt — a key ingredient in craft beer recipes — rather than exporting grains to Canada to be processed and reimported. Alex told Mainebiz in 2014 that there are 53 licensed brewing operations in the state, but those brewers have been bringing in their malt from out of state, about 80 million pounds of it, according to the article. Alex said Maine could fill that need, as it is the largest barley-producing state in the Northeast, and also is a large producer of small grains like wheat, rye and oats that are used to make malt, the article states. He said about 40,000 acres of small grains are grown in Maine, according to figures from the University of Maine Cooperative Extension. According to the report, Alex is a 2014 graduate of the Top Gun entrepreneurship accelerator program. Top Gun 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.

Women's basketball player candidate for national award, BDN reports

21 Jan 2016

The [Bangor Daily News](#) reported University of Maine women's basketball forward Liz Wood has been named one of 30 candidates among a national pool for the 2015–16 Senior CLASS Award. To be eligible for the award, a student-athlete must be classified as an NCAA Division I senior and have notable achievements in four areas of excellence: community, classroom, character and competition, according to the article. Wood, a senior from Catlett, Virginia, is the reigning America East Female Scholar-Athlete of the Year. She is a two-time America East Women's Basketball Scholar-Athlete of the Year, two-time member of the America East All-Academic Team, three-time member of the America East Commissioner's Honor Roll, and the recipient of the Maine Scholar-Athlete Silver Medal, the article states. Wood also is a three-time UMaine Presidential Scholar, the Maine Dean Smith Award Winner for the top female student-athlete and the recipient of the School of Biology and Ecology Academic Award for the highest GPA in the class within the department.

UMaine Center on Aging program receives grant, Press Herald reports

21 Jan 2016

The [Portland Press Herald](#) reported the University of Maine Center on Aging is one of five Maine institutions or organizations to receive funding from the John T. Gorman Foundation. The foundation announced Wednesday that it will give \$900,000 in grants to five groups that provide services to disadvantaged seniors. The grants, to be paid out over two years, will be divided up between UMaine Center on Aging's Senior Companion Program, the Bath Housing Development Corporation, AARP Maine, the Maine Association of Area Agencies on Aging (which has five branches throughout the state), as well as various community action programs throughout the state, according to the article. Maine has the highest median age of any state in the country, and the third highest percentage of people aged 65 and older, the article states. Center on Aging's Senior Companions, limited income volunteers who are at least 55 years of age, bring friendship along with regular visits to homebound older adults.

The Weekly publishes feature on new Emera Astronomy Center director

21 Jan 2016

[The Weekly](#) published a feature article on Shawn Laatsch, the new executive director of the Maynard F. Jordan Planetarium and Emera Astronomy Center at the University of Maine. Laatsch has worked in planetariums his entire career, most recently at the Imiloa Astronomy Center in Hilo, Hawaii, a facility that holds both a planetarium and a large collection of galleries, which interweaves astronomy and Hawaiian culture, according to the article. As a science educator, Laatsch said he is passionate about making what might seem too academic easily understandable to the general public. One of his primary goals as director is the open up the facility to the public beyond hosting weekend star shows, the article states. "We can do a lot of things here that are geared towards a general audience of all ages," Laatsch said. "I would love to see more generalized outreach to the Bangor region. We also have this incredible resource in the dome itself. It can do a lot of things other than just astronomy. There are so many possibilities here."

UMMA to take part in Winter WigOut Weekend, BDN reports

21 Jan 2016

The [Bangor Daily News](#) reported the University of Maine Museum of Art will host an event as part of downtown Bangor's Winter WigOut Weekend. The museum's Wigtopia will be held from 6 to 9 p.m. Friday, Jan. 22 and will include snacks, beer, wine, wig-themed games such as toss the hair bun, prizes for most outrageous wig, and music by local DJ Baby Bok Choy, according to the article. The event has a suggested donation of \$7, which will support art programs at UMMA. "It was a very grassroots effort," George Kinghorn, director and curator of UMMA and one of the organizers of the event, said. "It was getting together and saying, 'Let's make something happen that's lighthearted, quirky and fun and a way to get people out and about during the winter.'" Participants are welcome to browse pieces on display at the museum that coincide with the event, the article states. "There's a nice connection to the collection, so we installed some of our works that have focus on hair and hairstyles, like Andy Warhol's image of Farrah Fawcett," Kinghorn said. "We thought it was a neat way to bring in some new faces to the museum."

Allyson Eslin: Triple major aiming for public office

21 Jan 2016

For University of Maine student Allyson Eslin, one major was not enough. Neither were two. It took three majors — political science, psychology and economics — as well as being a student in the Honors College to fulfill her academic pursuits. The Bangor native, who plans to graduate in 2017, also works as a research assistant for economics professor Caroline Noblet, and is the opinion editor for the Maine Campus newspaper. She recently was nominated by UMaine for the Peter Madigan Congressional Internship. If selected, Eslin will spend a semester working in the Washington, D.C. office of Sen. Angus King. Eslin also received the Lavery Scholarship for Academic Excellence from the School of Economics and was one of two recipients of the 2015–2016 Margaret Chase Smith Public Affairs Scholarship. The public affairs scholarship will fund her research on political decision-making and its relationship with fiscal and social

ideologies.

https://youtu.be/3R57Ch6uaUk?list=PL28UkmAX_RmevUuDsZj_5y-kjLfrY1kdB [Transcript](#)

How did you decide to pursue three majors? I like to joke that it was more a product of indecisiveness than ambition, but the truth is that a lot of consideration went into the process. I've always wanted to challenge myself academically, so when I entered UMaine's Political Science program as a first-year and discovered that, thanks to my Advanced Placement credits, I would be slated to graduate very early, I decided to take that extra time to pursue other interests. The three I stuck with were the three that interested me, but also the three I felt would make me an effective legislator in the future — my eventual goal being to hold public office. **Describe your experience working as a research assistant:** I've been very lucky to work with Caroline Noblet since the summer following my first year — part time during the semester and full time during summer breaks. I was recommended to her after taking an introductory economics course for curiosity's sake and was eventually persuaded to join the department (economics is my tertiary, and final, major). Since I began work as a research assistant, I've done innumerable, absolutely fascinating things. Having the ability to analyze and write-up data, interact in a professional manner, organize and run experiments and conduct various other formatting and bookkeeping tasks has been integral to getting as far as I have. **Describe your job as opinion editor for the Maine Campus:** My job with the Maine Campus was another piece of my life that I could have never anticipated. I've been incredibly opinionated for as long as I can possibly remember, but it wasn't until I came to college that I really found and refined my voice. I applied to be an opinion columnist for the paper last year on a whim, after seeing an advertisement on the opinion page. For three or four months, I wrote weekly contributions, and — at the urging of my then-editor — applied for the position as she was preparing to graduate. I now manage five or so employees, and spend nearly my entire Sunday refining weekly columns they send to me for publication. The job is one of those experiences that you can't predict beforehand, but which create a self you can't imagine not being. What began as a foray into media became something much deeper — I believe that a better understanding of how journalism works will help me shape my message appropriately if I ever do run for a political position. **Walk us through a typical day in your life this semester:** No matter what the day may be, I start my morning with a large hot Earl Grey tea with cream and Splenda. Mondays, Wednesdays and Fridays I spend the earliest part of my mornings in my spoken Russian course. The moment that class ends, I head across campus to my first job for the day at the School of Economics in Winslow Hall. There, I record and organize any surveys we've received back from our most recent survey effort. The surveys we're currently conducting are about coastal water quality, seafood health and beach management. After two or so hours there, I head to the Maine Campus office in the Memorial Union and catch up on emails. I typically spend that time communicating with my employees and getting any paperwork done. Mondays, I also have a thesis class. I usually take the city bus from Bangor, so being done by the last bus can be a bit of a hustle. On Tuesdays and Thursdays, I have classes straight from early morning until late afternoon. I cycle through microeconomic theory, civil liberties and behavioral neuroscience lessons, then finish the day with another hour or so of research work for my scholarship in the library. I then catch the last bus, and head home to finish homework. **Have you worked closely with a professor or mentor who made your UMaine experience better?** So many phenomenal people have made my UMaine experience what it is now — Mary Cathcart, Amy Fried, Robert Glover, Sandra Goff and Mario Teisl have all made my time here completely unforgettable. The one professor who has had the greatest effect on me, though, is most certainly Caroline Noblet. Caroline has served as both an academic and personal guidepost for me since those early months. She is someone who is understanding, but who also gives me attainable goals and expectations, and isn't afraid to get down to the nitty-gritty if something isn't working. She's been an exceptional force for good in my life, and has always been there to offer guidance on anything from class selection to time management and Harry Potter house sorting. **Why UMaine?** I moved back to Maine early in high school, after being away for several years, to live with my father. Though I applied to several schools, I ultimately was charmed by the excellent scholarship opportunities, personable faculty and proximity to my family. Now that I've spent so much time on campus, I couldn't imagine going to any other institution — the research opportunities, support and sense of community on campus are second to none. **What difference has UMaine made in your life and in helping you reach your goals?** Though I've spoken a lot about the university's academic support for me, the university also has been there for me in a more personal sense. During my first semester on campus, I was diagnosed with Type 1 diabetes. Without the support of Disability Support Services, my incredibly understanding professors, the Commuter and Non-Traditional Student Programs' commuter lounge, and my academic advisers, I may have deferred schooling or stopped attending altogether after my hospitalization. Providing this moral, financial and academic support is integral to allowing disabled and chronically ill students to succeed. **What extracurricular**

activities occupy your time? Beyond academics and work, I typically write novels, play the flute, read and paint. Had I not pursued my legislative interests, I likely would have thought about becoming a novelist or poet — as it is, I have a few completed book projects under my belt. **What are your plans for after graduation?** Beginning my senior year and for the two years following graduation, I plan to complete a dual master's program in global policy and resource economics. I'll be completing this program at UMaine through the School of Economics and School of Policy and International Affairs, hopefully as a graduate research assistant. Once I've received this degree, I plan to apply to and hopefully attend law school in Washington D.C. with the goal of entering the FBI as an analyst or translator, and eventually becoming a state or federal legislator. **Transcript Allyson Eslin:** My name is Allyson Eslin, I'm an economics, psychology and political science major at the University of Maine. My experiences both in and out of the classroom have been pretty busy, I suppose is the best way to describe it. I believe I was officially a psychology major when I gained admission. I decided I wanted to get into the political sphere, so I switched my major to political science. I thought, "Why not challenge myself, and why not expand my horizons?" One of the things that I think our legislators lack nowadays is experience in lots of different fields. I think they focus on business and law, which are important and something I want to look at too, but I also wanted experience in economics, which is incredibly important for budgetary reasons, when we're thinking about how we spend our tax dollars. I wanted experience in psychology because I think it's incredibly important to be able to relate to people, and to understand where people are coming from. One of the big draws of UMaine was that it had that. It had depth, but it also had various options that a lot of places didn't have. You can get the basics pretty much anywhere, but having the broadness, and then in that broadness, the depth, was what was really helpful. I've also worked at the campus paper, as the opinion editor. I was initially a columnist, so I've expanded my horizons. Part of it was challenge, but part of it was hoping that when I do eventually enter that public sphere, I can be the most effective legislator and the most effective analyst. I want to work, maybe in intelligence that I possibly could be. **Caroline Noblet:** That's great. **Allyson Eslin:** So that's all looking good. I've also had the opportunity to do research with Dr. Caroline Noblet, who is an assistant professor at the School of Economics, focusing in environmental and behavioral economics. Working with her has been an experience that led to many other fortunate things to befall me. Once I started working with her, I gained the skills required to go after some of these more competitive research scholarships. I am currently a Margaret Chase Public Affairs Scholar. With that, I'm doing research into critical attitudes and the factors that affect those. I don't know if I can quantify all the ways it's been helpful to me, whether it be as a student, as an individual; she's been an amazing mentor to me. I was offered an internship in Washington, D.C., through the Peter Madigan Congressional Internship, offered on the university campus. It partners with Maine delegates. They work with a senator or congressperson in Washington, D.C., for a semester, for internship credit. That was one of those things that came to fruition as a piece of all the other work I do. I'm a little speechless about it, to be honest. It's one of those things that's very humbling. I'm also having fun. I have a lot of really great friends on campus, and though I work hard, when you work hard, you surround yourself with others who work hard. We spend a lot of time together studying, hanging out around campus, learning, getting things done — budgeting, that's a thing that we do together. You can have fun and still work hard. I've definitely been trying to get as much as I can out of the college experience. Sometimes students can feel overwhelmed. Sometimes students don't take advantage of all the amazing opportunities that are around them; internships, work experience, mentor-mentee relationships, it's all there. It's about motivating yourself to get there. I don't think there's ever going to be a time in my life when there are so many people willing to help me; willing to help me get ahead, and willing to help me learn, willing to help along in my pursuit. I want to take advantage of that. [Back to profile](#)

Engineering students assisting renovation of rehabilitation retreat for wounded veterans, families

21 Jan 2016

On about 20 acres in rural Kennebec County along Long Pond sits a lodge, as well as accompanying carriage house and cottages, that will become a rehabilitation retreat for wounded veterans and their families. The property, which crosses the boundary between the towns of Rome and Mount Vernon, was built in 1929 and owned by cosmetics pioneer Elizabeth Arden. It was purchased in February 2015 by the Travis Mills Foundation, a nonprofit organization that is dedicated to providing programs that directly benefit and assist military veteran families. The group is renovating the Maine Chance Lodge into a fully accessible, year-round recreation and therapeutic center that aims to aid in recovery, reconnection, relaxation and reintegration. The lodge plans to begin hosting families in summer 2017 and is expected to be the first facility of its kind in the United States, according to the foundation. [caption id="attachment_46847" align="aligncenter" width="700"]



Credit:

Architectural rendering by Harriman Architects & Engineers

While some veteran hospitals and programs offer recreational activities, the foundation says they often are limited to the veteran and may not offer additional services and support to spouses, children and caregivers. To help with the renovation, a group of University of Maine civil and environmental engineering students is developing plans to manage and conduct design work in spring 2016. The students will be tasked with creating plans for a one-story recreation hall that will include a pool, spa and gym; a parking lot that will be placed in between the recreation hall and lodge; a paved entrance road; and a safe solution to cross the road that separates the lodge and recreation hall from the waterfront portion of the property. The plans are the senior capstone project of Jacob Harriman of Augusta, Nicholas Ames of Kennebunkport, Evan Waddell of Presque Isle, and Nicholas Haritos and Evan McMahon of Kennebunk. As part of the capstone requirements, the students must satisfy the needs of their client, retired U.S. Army Staff Sgt. Travis Mills, a quadruple amputee who was injured during his third tour of duty in Afghanistan. Project manager Harriman, who has a concentration in structural engineering, is the cousin of Mills' wife, Kelsey Mills. "When we were looking for a potential capstone project, one of our important goals was to find a project that was challenging and could show our skills, but also would be extremely beneficial to others," Harriman says. After speaking with Travis Mills about his plans to create a wounded veteran rehabilitation retreat, Harriman thought both the retreat and engineering students could benefit from the project. "I thought this would be a great opportunity to present him with preliminary design and cost estimates and also give me and my team a quality project that gives back to a well-deserving group of people," Harriman says. "He loved the idea and it has been a great fit." For the structural components of the recreation hall, the students will consider both a customized structure in which each column, beam, joist and connection are designed by the team, as well as a less-expensive, prefabricated steel structure. Requirements for the hall include making the building fully accessible according to the Americans with Disabilities Act (ADA); having a facade that matches the 1920s architecture of the lodge; and designing a ceiling in the gym that supports a harness system used to assist veterans in walking. The team also will research two options when designing a road-crossing solution — a tunnel and lit crosswalk. The tunnel would run beneath the road and be suitable for golf carts, all-terrain vehicles and pedestrians to safely access the waterfront portion of the property. The crosswalk would include motion sensors that would activate lit road signs to alert approaching drivers of the crossing ahead, according to the students. Several alternatives will be considered when designing the recreation hall and roadway crossing, and it will be the client's decision which option to pursue. The students are challenged with creating a plan that uses the most cost-efficient methods possible. The budget of the project will depend on the amount of fundraising the Travis Mills Foundation can earn. The foundation estimates construction costs including repairs, replacement, renovations and upgrades are \$2.75 million. As of January 2016, more than \$720,000 had been raised. The capstone project, which is scheduled to run from Jan. 18 through April 17, includes surveying, soil testing, building code and permit research, design plans for the structures, water drainage plans and cost analysis. The students will present a comprehensive engineering design report to the Travis Mills Foundation in May 2016. "As a fellow engineer, it is a thrill for me to know that we are able to collaborate with UMaine students and faculty," says Christine Toriello, executive director of the Travis Mills Foundation. More about the Travis Mills Foundation, its effort to renovate the Maine Chance Lodge and ways to donate to the project are online. Contact: Elyse Kahl, 207.581.3747

Downtown Bangor to celebrate humanities during fourth annual event

21 Jan 2016

The University of Maine Humanities Center will host the fourth annual Downtown Bangor Public Humanities Day at various locations Jan. 30 with a kickoff event Jan. 29. 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 organized by UMaine art historian Michael Grillo, who is the chair of the Art Department. 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. Local partners of the day are the Bangor Public Library, Maine Discovery Museum and the Norumbega Collective, a community group that promotes the literary arts in the Bangor-Orono region. The events kick off 7 p.m. Friday, Jan. 29 with a humanities-themed PechaKucha presentation at Coe Space, 48 Columbia St. in Bangor. UMaine faculty and local cultural leaders will make presentations on music, art, history, travel and literature. Refreshments will be provided, and donations are welcome. Doors open at 6:30 p.m. Guests are encouraged to arrive early to ensure a seat. Events on Saturday, Jan. 30 are:

- 12:15 p.m. at UMMA — Gallery talk by artist Dan Dowd about his current exhibit, "thick skinned"
- 1 p.m. at UMMA — Discussion of Richard Whitten's exhibit, "Studiolo," by Michael Grillo, UMaine art professor, and Kat Johnson, UMMA education coordinator
- 1:30 p.m. at UMMA — Screening and discussion of short early 20th century films by Georges Méliés
- 2:30 p.m. at Maine Discovery Museum with help from River City Cinema — Screening of film "Hugo," which was inspired by Méliés and set in Paris
- 3:30 p.m. at Bangor Public Library — Readings by Norumbega Collective authors and UMaine creative writing master's students Chris Becker, Joe Linscott and Tyler Nute

Members of the UMaine community are encouraged to take the Community Connector bus to downtown Bangor. Those coming from campus can meet the UMaine Humanities Center (UMHC) graduate assistant at the bus stop behind the Memorial Union for the 11:30 a.m. bus. The graduate assistant will have gift certificates for restaurants in downtown Bangor. The Downtown Bangor Public Humanities Day is one of many UMHC events planned for spring 2016. 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 Michael Grillo at michael.grillo@umit.maine.edu or 581.3246. Contact: Elyse Kahl, 207.581.3747

UMaine to compete in qualifying round of regional cybersecurity contest

22 Jan 2016

The University of Maine will compete in a qualifying round of the Northeast Collegiate Cyber Defense Competition (NECCDC) on Saturday, Jan. 23. The UMaine Cyber Defense Team is one of 14 teams from around the region scheduled to take part in the virtual competition. UMaine also will host the 2016 NECCDC for a third time March 11–13. 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. Last year, the UMaine Cyber Defense Team was one of 10 colleges to compete in the regional contest that was hosted by Syracuse and the School of Information Studies (iSchool). The team earned a spot after placing fifth in a qualifying round with 13 other schools. Team members participating in the contest are John Woodill (captain) of Cranbury, New Jersey; Ben Grooms of Madison, Maine; Lucas Ashbaugh of South Portland, Maine; Avery Dunn of Dayton, Maine; Greg Antonellis of Harwich, Massachusetts; Mitch Vezina of Springvale, Maine; Ted Farnsworth of Cape Elizabeth, Maine; and Dayton Arey of Milbridge, Maine. Alternates are Matt Loewen of Farmington, Maine and Alina Ramazanov of Tashkent, Uzbekistan. George Markowsky, professor of computer science at UMaine, is the team's faculty adviser. More about the competition is [online](#).

Success in social media challenge earns \$3,000 for Division of Student Life

22 Jan 2016

The Division of Student Life has been awarded \$3,000 for placing second in a social media challenge last fall, sponsored by PC Construction. The University of Maine Foundation coordinated UMaine's participation in the contest.

Maine Summer Youth Music registration open, Maine Edge reports

22 Jan 2016

[The Maine Edge](#) published a University of Maine news release announcing registration is open for Maine Summer Youth Music (MSYM) at the University of Maine. The program continues a 23-year tradition that attracts some of the state's most talented middle and high school musicians and performers. MSYM Junior Camp, July 10–15, and Senior Camp, July 16–24, is offered by UMaine's School of Performing Arts and features instruction led by experienced and renowned musicians and educators from the university and across the country. Camp activities include jazz ensemble, chorus, string ensemble, symphonic band, concert band and musical theatre. Youths have opportunities to attend master classes and performances by professional artists. They also participate in public performances. More information is available [online](#) or by contacting 581.4703, music@maine.edu.

UMaine-led offshore wind project featured in Engineering News-Record

22 Jan 2016

[Engineering News-Record](#) (ENR) published an article about the University of Maine-led New England Aqua Ventus I offshore wind project. UMaine researchers are completing the design and engineering work for a full-scale floating hull for the proposed 12-MW Aqua Ventus I offshore wind farm, according to the article. The project follows the successful 2014 deployment of the Voltturnus 1:8-scale model, the first grid-connected floating offshore wind turbine in the nation, the article states. A \$3.7 million award from the U.S. Department of Energy, announced last November, will help underwrite completion of design and, within the next year, permitting and obtaining power purchase agreements to allow for construction of the two-turbine project, said Habib Dagher, executive director of UMaine's Advanced Structures and Composites Center.

Maine Edge advances 2016 UMaine Career Fair

22 Jan 2016

[The Maine Edge](#) published a University of Maine news release announcing the UMaine Career Center will host the 18th annual UMaine Career Fair from 10 a.m. to 3 p.m. Wednesday, Feb. 3 at the New Balance Student Recreation Center. More than 120 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. 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 850 students attend the event annually.

Musavi, SMART Institute cited in BDN article on Bangor High School senior

22 Jan 2016

The Bangor Daily News reported Paige Brown, a student at Bangor High School, is one of 40 U.S. high school seniors recognized as a finalist in the Intel Science Talent Search, the nation's oldest and most prestigious precollege science and math competition. Brown is one of 57 students enrolled in Bangor High School's STEM Academy, a partnership with the University of Maine that is now in its fourth year, according to the article. "This is a great honor for Bangor High School and Paige who deservedly was selected as a finalist," said Mohamad Musavi, associate dean of the College of Engineering at UMaine. Musavi has been instrumental in the formation of the BHS STEM Academy, which has

benefitted from a National Science Foundation funded Experimental Program to Stimulate Competitive Research (EPSCoR) program, the article states. The Stormwater Management Research Team is one of EPSCoR's tracks, and Brown was invited last summer to be the keynote speaker at the SMART Conference.

Media report on new funding for potato research

22 Jan 2016

WABI (Channel 5), [The Washington Times](#), The Daily Journal, [Berkshire Eagle](#) and WGME (Channel 13) reported the University of Maine has been awarded almost \$12,000 from the USDA to further research the state's potato industry. The funding will help enhance critical food research of Maine's agricultural sector, according to the report.

Orono artist creating winter installation for UMaine garden, BDN reports

22 Jan 2016

The [Bangor Daily News](#) reported that for the past several years, Orono artist Kris Sader has been planning and creating pieces for an outdoor winter art installation that will be located in the Lyle E. Littlefield Ornamentals Trial Garden on the University of Maine campus. Sader said she plans to "clothe" the garden using natural wool combined with plant materials she has collected from the space — including thorns, twigs, beans and seeds. She envisions trees and granite sculptures wrapped with garments that express the garden in all its seasons, according to the article. While Sader's husband taught forestry courses at UMaine, she earned a bachelor's degree in fine arts with a focus in printmaking; a master's degree of science, ecology and environmental science; and a bachelor's degree in arts and sciences — all from UMaine, where she taught printmaking for seven semesters, the article states.

Lyon quoted in Climate Progress article on El Nino effects in Africa

22 Jan 2016

Bradfield Lyon, a climate analyst and associate research professor at the University of Maine, spoke with [Climate Progress](#) for the article, "Africa is going through a serious drought and El Nino is making it worse." According to the article, El Nino has exacerbated a crippling drought interrupting the rainy season used for planting much needed crops in Africa. The drought is unlikely to improve any time soon, experts said, because in southern Africa El Nino events are associated with dry weather. "And this year's El Nino is among the three strongest events in the past 100 years," Lyon said. He explained that when rainfall is lacking, soils dry out, which increases the chances of heat waves developing, further exacerbating the drought conditions already in place, which is likely happening this year. Even without El Nino, Lyon and other researchers say climate change caused by increasing greenhouse gases in the atmosphere will raise temperatures, which will further increase the severity of droughts, the article states. "Upward temperature trends over the past several decades have already been observed across many southern Africa locations, and these are expected to continue," Lyon said.

Poultry producers advised to remain alert for avian flu

25 Jan 2016

Due to the recent outbreak of a highly pathogenic strain of avian influenza (AI) on a large turkey farm in Indiana, poultry producers in Maine are reminded to maintain vigilance against its transmission, even in winter. As a result of the outbreak in Indiana, about 245,000 turkeys and 156,000 chickens have been euthanized, according to news reports. Dr. Anne Lichtenwalner, associate professor of animal and veterinary sciences, University of Maine Cooperative Extension, has updated information about the outbreak as well as recommendations for Maine farmers online at umaine.edu/veterinarylab/2016/01/20/avian-flu-still-a-threat. Additional information also is available in the UMaine Extension Bulletin 2109, *Avian Influenza and Backyard Poultry 2015* at umaine.edu/publications/2109e. Contact: Anne Lichtenwalner, 207.581.2789

Packers' hiring of former UMaine assistant reported in BDN

25 Jan 2016

The [Bangor Daily News](#) carried The Sports Xchange report that the Green Bay Packers had hired Ben Sirmans, former University of Maine assistant football coach and running back. After his UMaine career, Sirmans coached for 16 years in the college ranks before going to the St. Louis Rams in the NFL.

Lifehacker links to Cooperative Extension bedbug video

25 Jan 2016

[Lifehacker](#), a daily weblog that recommends downloads, websites and shortcuts to help people work smarter and save time, cited a University of Maine Cooperative Extension [video](#) that explains to travelers how to check a hotel room and not inadvertently carry the creepy crawlers home with them. [Yahoo Travel](#) and Fox News also cited the video. Jim Dill, Cooperative Extension specialist, advised people to place luggage in the bathtub before they check the bed, mattress, luggage rack and bureau drawers.

Sun Journal features Fishing Club

25 Jan 2016

The [Sun Journal](#) highlighted the University of Maine Fishing Club formed a year ago by students Cody Rubner and Brian Volkernick. The club's website says its mission is to "share fishing knowledge, foster opportunities for fishing experiences for undergraduates, study the biology and ecology associated with fishing and promote conservation of local ecosystems — all within the University of Maine community." The club has about 50 student members. In addition to competing in fishing tournaments, it hosts guest speakers, assists the Maine Department of Inland Fisheries and Wildlife with tagging trout and participates in the Landowner Appreciation Cleanup Contest.

Yarborough remarks on blueberry surplus in BDN

25 Jan 2016

University of Maine's Cooperative Extension specialist David Yarborough was quoted in a [Bangor Daily News](#) story about the Wild Blueberry Commission of Maine asking the federal government to buy 30 million pounds of frozen blueberries to help stabilize falling prices. Last year, wild blueberry production was up in Maine and Canada, according to the article. "With a larger volume of berries on the market, there's more opportunities for new product development and new markets," Yarborough said. He also was quoted in an [Ellsworth American](#) article on the large blueberry crop.

PPH quotes Berg in column about controlling invasive species

25 Jan 2016

Lois Berg Stack, a University of Maine Cooperative Extension specialist and ornamental horticulture professor, was cited in a [Portland Press Herald](#) column about combating invasive species without using chemicals. "You have to pick your battles," Stack said. "You don't take on a project that you know you are going to lose." Goats are an ecologically friendly way to control invasive species and weeds, said Stack. They're easy to tend and move from area to area.

MPBN interviews Mundell about creativity, aging

25 Jan 2016

[MPBN's](#) Irwin Gratz interviewed Kathleen Mundell about the Maine Arts Commission's efforts to nurture creative sides of aging Mainers. Mundell, director of the Creative Aging and Traditional Arts Programs at the commission, authored an article in the latest special edition of Maine Policy Review, a publication of the Margaret Chase Smith Policy Center at the University of Maine. "An emphasis on creative endeavor — on helping people reach within

themselves to find meaning and connection —will remain central as we move toward an inspired, and inspiring, future for all Maine people as they adapt to challenges later in life,” she wrote.

WABI salutes Military Appreciation Day

25 Jan 2016

WABI (Channel 5) reported on the most recent University of Maine’s Military Appreciation Day. Military service members and their families were invited to attend for free Sunday’s UMaine vs. Stony Brook women’s basketball game. As part of the UMaine Military Appreciation Series presented by Dead River Company, military service members were given free tickets to three athletic events — a football game, a men’s ice hockey game and the women’s hoop contest with Stony Brook.

WCSH, WABI cover food-packing event

25 Jan 2016

WCSH (Channel 6) and WABI (Channel 5) reported University of Maine students and faculty helped pack food boxes at an Old Town food pantry to help those in need. The event was inspired by the words and deeds of Martin Luther King Jr. According to the WCSH report, in 35 minutes, more than 100 volunteers packed 10,000 meals and raised enough money for 10,000 more. "I think this is an issue that everyone should have the right to eat food and not have to worry about where their food comes from, so this is definitely living up to his legacy," said UMaine student volunteer Samuel Borer.

Casey Nava: CEO of Navadise Media

25 Jan 2016

When Maine Business School junior Casey Nava isn’t in class, he is busy running Navadise Media, the innovative cinematography company he co-founded in 2014. “Our goal is to create unforgettable and distinctive videos and media content to help businesses enhance their Web presence and generate sales,” said Nava, a marketing and management major from Waterboro, Maine who established Navadise Media with his brother, Ryan. “We are part of the new school of cinematography that uses the latest technology in camera stabilizers to create smooth video on the run,” said Nava. “Not only does this make our company extremely mobile — since we are able to travel light, without massive cranes and sliders — this new style of shooting creates an entirely different perspective for the viewer. We feature moving shots and try to get away from stationary tripod shots that can be dull and underwhelming. Using a guerrilla-style film method, where you try to get as close to the action as possible, makes the viewer feel part of the action.” **How did you get started?** We began by working with different golf companies around the state, but have expanded to produce videos for real estate companies and weddings. Our biggest achievement in real estate was the promotional video of The Greystone, a luxury apartment complex in Tarrytown, New York. In the last year and a half, we have produced commercials for a variety of small businesses, as well as promos for sports teams. Last winter, we began producing promo videos for a construction and restoration company in New Hampshire. In January, we traveled to Park City, Utah to film and produce our first full-length snowboarding documentary about the beautiful backcountry terrain. (I got into cinematography when I was much younger, filming wakeboarders and snowboarders in action. So, extreme sports have always been a huge inspiration.) No one hired us to film this documentary; it was more of a “let’s help build our brand” video. However, we did receive some informal sponsorship for our trip. Closer to home, we recently produced the Kickstarter video for another UMaine entrepreneur, Spencer Wood, creator and owner of Tip Whip, a free ride-sharing service for college students. **How did you come up with the idea of creating your own business?** Ryan and I started creating videos a long time ago as kids. We filmed just for fun. The idea of establishing a business never really occurred to me until I was at my previous college and I created a baseball video for my team. The school liked it so much that it ended up buying the video and hiring me. **How many employees do you have?** The number of team members varies, depending on the particular job, but in general, I have around eight employees to draw from. Some projects require just me, while others call for a full team of directors and cinematographers. We also use audio engineers, professional musicians and editors. In addition to my brother Ryan, who graduated from Berklee College of Music in Boston with a

degree in professional music, our father Tony Nava is also part of the team. With more than 30 years of corporate experience at Nike, he serves as our financial adviser and mentor. Since team members are scattered along the Northeast, each step of the video is assembled in different areas. I mostly work out of my homes in Old Town and Waterboro, but my headquarters is wherever I am with my computer and camera. **What does the future hold for Navadise?** Our plan is to work all over the country. We have some video opportunities growing in Oregon, so we hope to see some business growth on the West Coast. Although we own several drones, we are not allowed to charge clients for their use because the FAA currently bans all commercial drone use in the U.S. But there is controversy surrounding the agency's ability to enforce drone regulations and we are hoping for the passage of pending federal legislation that will allow for the commercial use of drones along with clear government regulations. Increasing drone legislation will be a positive thing for everyone, because it will promote safety and weed out individuals who fly the machines in an unethical and irresponsible manner. If the government approves the new rules, we will market ourselves as a drone-specialized company (once we take the appropriate steps to become drone approved.) But until then, we are simply a media company that promotes your business and improves your online presence. **Do you enjoy being CEO of your own company?** I love overseeing all the job processes and being part of every step in a project. I get to use my growing knowledge of marketing and management, and bring in some creativity and art. **Has your Maine Business School education helped you as CEO?** Many of the skills I utilize in my entrepreneurial venture are those I have learned at the Maine Business School. The skills I learned in my accounting class have been particularly useful and the tips I got from my marketing class also have proven valuable. At MBS, I have learned effective selling methods, as well as how to be organized, which is key to being focused, completing tasks, and staying on top of things. Being a part of the University of Maine has helped with my people skills and made me a more personable businessman. **How do you juggle your business and academics?** It's not easy to find the time to do both, mostly because I consider myself a perfectionist and tend to immerse myself in assignments, not stopping until I am satisfied. Some weeks I spend upward of 40 hours running Navadise, while other weeks I devote fewer than 10.

Mallory receives USDA grant for potato and grain research in Chile

26 Jan 2016

Ellen Mallory, University of Maine Cooperative Extension specialist and associate professor of sustainable agriculture, was awarded \$11,902 grant for food research from the United States Department of Agriculture (USDA). The project is supported by the USDA's Agriculture and Food Research Initiative (AFRI) and is titled, "Investigating Diversity as a Climate Resilience Strategy for Potato and Grain Systems Using DSSAT and Collaborative Modeling." U.S. Senators Susan Collins and Angus King announced the award in a joint statement on Friday. "This investment will enhance the University of Maine's critical research that helps ensure the strength of our state's agricultural sector," said Senators Collins and King in the joint statement. "Maine is fortunate to have an institution like the University of Maine, whose researchers develop cutting-edge science and technology that grows our economy and improves lives." The AFRI is charged with funding research, education, and extension grants that address key problems of national, regional, and multi-state importance in sustaining all components of agriculture, including farm efficiency and profitability, ranching, renewable energy, forestry (both urban and agroforestry), aquaculture, rural communities and entrepreneurship, human nutrition, food safety, biotechnology, and conventional breeding. Mallory will spend six months at the Agricultural Research Institute of Chile learning from and collaborating with Dr. Patricio Sandaña, an expert in the ecophysiology of potatoes and grain crops and an experienced user of crop simulation models. "My sabbatical goal is to become proficient in the DSSAT cropping systems model to produce actionable information for farmers and farm advisers about likely vulnerabilities of current potato and grain production systems to climate change and weather variability, and potential diversification strategies to improve resilience, including crop rotation diversification and crop-livestock integration," said Mallory. DSSAT, or the Decision Support System for Agrotechnology Transfer, is a software application program that comprises crop simulation models for over 42 crops. Mallory will use the knowledge she gains to educate the community about expected changes in weather and weather variability, the likely impacts of those changes on potato and grain production, and how management strategies might reduce the risks associated with those changes. Her work will help with educational outreach to benefit Maine's agricultural communities.

Bulletin promotes best care practices for poultry producers

26 Jan 2016

A new resource that details best management practices for small-scale poultry producers is available from University of Maine Cooperative Extension. “[Best Management Practices for Small Scale Poultry Producers in Maine](#)” covers food and water, health and biosecurity, facilities and environment, record keeping and regulations. The bulletin is to help producers implement the highest standards of poultry care, curtail losses due to disease and predation and minimize the impact on the environment. UMaine Extension educator Donna Coffin and food system program administrator Richard Brzozowski wrote the publication with assistance from university specialists, extension educators and New England agriculture service providers. For more information, to obtain bulletins for 75 cents each and to obtain free downloads, visit the [website](#) or contact 581.3792, extension.orders@maine.edu.

WLBZ cites Lichtenwalner’s avian flu bulletin for Maine farmers

26 Jan 2016

WLBZ (Channel 2) reported that due to the recent outbreak of a highly pathogenic strain of avian influenza on a large turkey farm in Indiana, poultry producers in Maine are reminded to maintain vigilance against its transmission. As a result of the outbreak, about 245,000 turkeys and 156,000 chickens have been euthanized, according to the report. Anne Lichtenwalner, a University of Maine professor, veterinarian and director of UMaine’s Animal Health Laboratory, has published [online](#) updated information about the outbreak, as well as recommendations for Maine farmers, the report states. Morning Ag Clips also reported on the bulletin.

Migrating research included in HeraldNet article on new bird findings

26 Jan 2016

University of Maine research on bird trade-offs during migratory flights was included in the [HeraldNet](#) article, “Five new findings about the bird world.” During migration, birds weigh the risk-reward of stopping to refuel versus threats of predators, according to the article. After two years of study, UMaine graduate student Jennifer McCabe and professor Brian Olsen concluded that fruit-eating migratory birds prefer to stop in habitat with plenty of dense vegetation that helps protect them from predators, the article states. Published in the journal, The Auk: Ornithological Advances, the researchers concluded that the longer the migration, the more likely birds are to take risks in more open areas to eat high-energy fruit, the article states.

Cyr cited in MPBN report on obesity among low-income Maine children

26 Jan 2016

Ruth Cyr, an educator with the University of Maine Cooperative Extension’s Eat Well program, was mentioned in the Maine Public Broadcasting Network report, “Low-income Maine children more likely to be obese.” More than a third of children and adolescents in the U.S are overweight or obese, according to the U.S. Centers for Disease Control. Overweight children are at a higher risk for chronic health conditions, such as heart disease and diabetes, as well as mental health issues. Children from low-income families are especially vulnerable, the report states. According to the Maine Children’s Alliance, 30 percent of Maine kids ages 10–17 are overweight. As part of the Eat Well program, Cyr makes home visits to teach parents how to cook nutritious meals on a budget. She encourages families to shift from spaghetti and meat-and-potato meals to soups and stir fries, to stretch the meat and add more vegetables, the report states. “Stick to the nonstarchy vegetables if you can — your broccoli, your carrots, your spinach, your cauliflower, things like that,” Cyr suggested.

Wertheim interviewed by RFD-TV about Maine Harvest for Hunger program

26 Jan 2016

Frank Wertheim, an associate professor of agriculture and horticulture with the University of Maine Cooperative Extension, was interviewed by [RFD-TV](#) about the [Maine Harvest for Hunger program](#). For 15 years, University of Maine Cooperative Extension’s statewide program has organized gardeners, farmers, businesses, schools and civic

groups to grow, glean and donate high-quality produce to distribution sites (pantries, shelters, community meals) and directly to neighbors in need, all in an effort to mitigate hunger, improve nutrition and health, and help recipients develop lifelong, positive nutritional habits. In 2015, [record-breaking donations](#) of more than 318,000 pounds of food went to 188 distribution sites and directly to individuals. Since the program's inception, Maine Harvest of Hunger participants have distributed more than 2,197,000 pounds of food to people experiencing food insecurity.

WABI advances School of Performing Arts benefit concert

26 Jan 2016

WABI (Channel 5) reported on the third annual School of Performing Arts (SPA) Fundraiser Pops Concert, "Astonishing! The Songs and Stories of Broadway's Best," set for 7:30 p.m. Saturday, Jan. 30, at the Collins Center for the Arts. The event will feature a 50-member student, faculty and alumni orchestra, as well as 30-plus vocalists, performing selections from Broadway musicals. "There's a lot of students singing in this show that have never gotten to sing on a stage like at the Collins Center or with an orchestra. So just seeing the rush and seeing them kind of embrace that experience is really, really, I hope impressive," said Ben McNaboe, a UMaine graduate student in music education who is the show's music director and conductor. Money raised will help SPA continue to provide high-quality experiences for students seeking to become educators and professional performers as well as increase outreach initiatives throughout the state and region. Tickets are \$25 general admission, \$12 with a student MaineCard. McNaboe and Alexis Gillis, a soloist in the show, also visited the studios of WLBZ (Channel 2) and WABI (Channel 5) to speak about the concert.

UMaine projects, partnerships cited in MaineBiz article on R&D growth

26 Jan 2016

Several University of Maine partnerships and projects were mentioned in the [MaineBiz](#) article, "U.S. R&D grows more than GDP." Research and development expenditures in the United States totaled \$456.1 billion in 2013, according to new data from the National Science Foundation, which at 3.2 percent is a higher growth rate than the 2.2 percent for the U.S. gross domestic product. The business sector continued to be the largest R&D spender, accounting for \$322.5 billion, or 71 percent, of the total, while universities and colleges came in second with 14.7 percent of the U.S. total expenditures, according to the article. While Massachusetts typically pulls in the most federal R&D funding, Maine is increasing its share of NSF monies, the article states, citing the following projects and partnerships:

- A \$658,000 innovation grant from NSF awarded in March 2015 to Brunswick aquaculture company Acadia Harvest Inc. to study with UMaine and its Center for Cooperative Aquaculture Research (CCAR) how aspects of aquaculture can be applied to land-based agriculture;
- A \$225,000 grant awarded in June 2015 to Revolution Research Inc. — an Orono-based startup formed by two recent UMaine graduates — to develop a prototype fire-retardant and water-resistant thermal insulation foam board; and
- A \$3.9 million grant from the Harold Alfond Foundation awarded to UMaine to build a new ocean engineering and advanced manufacturing lab. The grant matches the \$9.98 million raised through four competitions involving the NSF and other agencies, as well as a Maine voter-approved bond.

New financial aid program aims to bring more young people to Maine, WLBZ reports

26 Jan 2016

The University of Maine's new financial aid program, Flagship Match, was mentioned in a WLBZ (Channel 2) report on a University of Maine System Board of Trustees meeting where members discussed ways to bring more young people to Maine. UMaine's Flagship Match, which is geared toward out-of-state students in New England, 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. The program aims to ensure that no student

chooses not to attend UMaine because of price, according to the report. Jeffrey Hecker, the executive vice president for academic affairs and provost at UMaine, said bringing more students to the state also will have positive long-term effects. “Our data shows that if you’re a student from out of state and you earn your bachelor’s degree at the University of Maine, about 20 percent of those students will stay in Maine for their first job,” Hecker said. “We think that’s great for the state. The state of Maine needs to bring in young people. It’s good for our economy; it’s good for our workforce.” UMaine’s new financial aid initiatives also were cited in a Stateline article published by the [Huffington Post](#) titled, “What are states going to do to make higher ed more affordable?”

Moxley a finalist for \$100,000 Kingsley Tufts Poetry Award

27 Jan 2016

Jennifer Moxley, University of Maine professor of English, is a finalist for the \$100,000 Kingsley Tufts Poetry Award, presented by Claremont Graduate University. The award is given annually to honor a poet at mid-career, providing resources that allow the artist to continue working toward the pinnacle of their craft. Moxley is being recognized for her book “The Open Secret,” which won the 2015 William Carlos Williams Award in March. She has authored five other books of poetry. “The Open Secret” was published in October 2014 by Flood Editions, an independent publishing house for poetry and short fiction based in Chicago. The Kingsley Tufts Poetry Award, in its 24th year, was established at Claremont Graduate University by Kate Tufts to honor the memory of her husband, who held executive positions in the Los Angeles shipyards and wrote poetry as his avocation. “The roster of eligible books testified to the extraordinary range and diverse beauty of current American poetry; to pick only ten finalists for two awards should have been impossible,” said Lori Anne Ferrell, director of the Kingsley and Kate Tufts Poetry Awards. “So I have no idea how the judges will be able to go on to choose only two winners, but I can’t wait to be there when they do.” The winner will be announced in March and recognized during a ceremony April 7.

UMaine 4-H Camp and Learning Center at Bryant Pond to host Camp North Woods

27 Jan 2016

The University of Maine 4-H Camp and Learning Center at Bryant Pond will again this summer host the Maine Department of Fisheries and Wildlife’s Camp North Woods. Camp North Woods was established because of interest in the hit TV series “North Woods Law” on Animal Planet. Staff and instructors will include Maine Game Wardens featured on the show, fisheries and wildlife biologists, recreational safety coordinators and Bryant Pond education staff members. At camp, youth participate in outdoor-related activities and learn how to sustain Maine’s natural resources. Girls’ camp is slated for July 17–23 and boys’ camp is scheduled for July 31–Aug. 6. Each session may accommodate 120 campers. Because of the limited number of spaces, children may enter an [online](#) lottery once before April 29; cost is \$5 and proceeds support Camp North Woods. Children must be at least 8 years old by July 17 and no older than 12 on Aug. 6. The drawing for the 240 winners will be May 9. If selected, campers will be responsible for \$400 of the \$625 tuition fee. For more information, email brittany.humphrey@maine.gov or visit the Camp North Woods website.

Study Abroad Fair Jan. 28

27 Jan 2016

The University of Maine International Programs’ Study Abroad Fair will be held Thursday, Jan. 28 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. Attendees will be able to speak with several people including program provider agents, campus program representatives, UMaine students who have studied abroad, students currently visiting on exchange from partner universities, study abroad peer advisers and study abroad office staff. More about UMaine’s study abroad program is [online](#).

RiSE Center seminar: The challenges of first-generation students

27 Jan 2016

The Maine Center for Research in STEM Education (RiSE Center) at the University of Maine will host a seminar at 3 p.m. Monday, Feb. 1 in Hill Auditorium, Barrows Hall. The talk, “Summitting the academic mountain: The challenges of first-generation college students,” will be led by Jose Herrera, associate vice president for academic affairs and dean of the College of Arts and Sciences at Western New Mexico University. Contemporary approaches to data analytics at several institutions have suggested a handful of risk factors that negatively impact graduation rates including financial need; being first in their family to attend college; lack of preparation in reading, writing or math; and being the single head of household.

McConnon guest on WERU public affairs call-in program on Maine arts

27 Jan 2016

Jim McConnon, a professor of economics at the University of Maine and with the University of Maine Cooperative Extension, was a recent guest on [WERU Community Radio](#)’s “Maine Arts Alive” public affairs program. The live, hour-long, call-in show celebrates artists and arts organizations throughout Maine. The show focused on artwork pricing and what goes into determining how much pieces are worth.

LA Times reports Moxley finalist in \$100,000 poetry award

27 Jan 2016

The [Los Angeles Times](#) reported Jennifer Moxley, an English professor at the University of Maine, is one of five finalists for Claremont Graduate University’s \$100,000 Kingsley Tufts Poetry Award. The prize is awarded to a mid-career poet of a current book, according to the article. Moxley is being recognized for her book, “The Open Secret.”

Lewis’ ‘Deep Roots/Old Strength’ painting exhibition opens Feb. 5

27 Jan 2016

The Lord Hall Gallery at the University of Maine presents an exhibition of the transfixing landscapes of UMaine art professor Michael H. Lewis. “Deep Roots/Old Strength,” which runs from Feb. 5 through March 25, includes a selection of Lewis’ paintings dating from 1967–2008. An artist’s reception is scheduled from 5:30–7 p.m. Feb. 5. Lewis uses a process of oil-based turpentine wash to create translucent and radiant landscapes that reflect not only the “beauty and diversity of Maine’s physical landscape” but also offers “an effective pathway to the mysterious realms beyond literal conscious thought.” Lewis was born in Brooklyn, New York in 1941. He received his master of fine arts in painting from the State University College, New Paltz, New York in 1975, and a master’s degree in painting from Michigan State University in 1964. He came to UMaine in 1966. In addition to teaching painting and drawing for the past 50 years, he has served as chairperson of the Department of Art and as acting associate dean of the College of Liberal Arts and Sciences. Lewis has had gallery representation in Portland, Maine; New York City; Boston; and Baltimore. Twenty-seven of his paintings, drawings and prints are included in the collection of Harvard University’s Fogg Art Museum. His work also is in the collections of the Albertina Museum in Vienna, Austria; Portland Museum of Art in Portland, Maine; Colby College Museum of Art in Waterville, Maine; and the University of Maine Museum of Art in Bangor. In addition, his paintings have been acquired for numerous corporate and private collections. 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.

Scholar-Athlete Recognition Ceremony Feb. 1

28 Jan 2016

The University of Maine’s 27th annual Scholar-Athlete Recognition Ceremony will honor a record number of 297 student-athletes for their academic success on Feb. 1 in Wells Conference Center. At the 6:30 p.m. ceremony, 218 student-athletes will be recognized as Scholar-Athletes for achieving a 3.0 or higher grade point average for the 2015

year and/or having a cumulative GPA of at least 3.0. Seventy-nine first-year student-athletes will be honored as Rising Stars for earning a 3.0 GPA or higher in their first semester at UMaine. This year's event will be streamed live via [AmericaEast.TV](#). A total of 3,594 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 12th 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 2015. The event is sponsored by the University of Maine Foundation, University Credit Union, University of Maine M Club and the UMaine Alumni Association.

Accounting students to offer free tax filing assistance

28 Jan 2016

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 Martha Broderick, Esq., a lecturer of business and commercial law. From January through April 15, excluding March 7–21 during Spring Break, free help sessions will be available by appointment 11:30 a.m.–2 p.m. Thursdays in the third-floor faculty lounge in D.P. Corbett Business Building on campus, and from 11:30 a.m.–3 p.m. Fridays, at the Orono Public Library, 39 Pine St. Filers are asked to bring all their tax information for 2015 and, if they have it, a copy of their 2014 return. All filers' information will be treated confidentially. To make a required appointment, contact Broderick at marthab@maine.edu.

Technology Research Center mentioned in BDN article on Old Town mill sale

28 Jan 2016

The [Bangor Daily News](#) reported MFGR LLC, a limited liability corporation that shares an address with a Connecticut-based asset liquidator, has purchased the shuttered Expera Specialty Solutions pulp mill in Old Town. Expera spokeswoman Addie Teeters declined to say what would happen to the University of Maine's Technology Research Center, which opened about five years ago and is located in the mill's former finished product storage area, according to the article. Researchers within UMaine's Forest Bioproducts Research Institute are working on campus to create and commercialize new wood-based bioproducts that they test on a larger scale at the Technology Research Center, the article states. The center is currently renting month to month, Jake Ward, UMaine's vice president of innovation and economic development, told the BDN in December. The [Portland Press Herald](#) also reported on the mill sale. Ward told the Press Herald the university would like to work out a long-term lease for the research center. "We're waiting for the ownership to settle," he said.

BDN reports on return of Camp North Woods

28 Jan 2016

The [Bangor Daily News](#) reported young fans of the Animal Planet TV show "North Woods Law" will have the chance to learn some outdoor skills from their favorite Maine Game Wardens again this summer at Camp North Woods. The University of Maine 4-H Camp and Learning Center at Bryant Pond will host two sessions of the Maine Department of Fisheries and Wildlife camp where youth will be able to participate in outdoor-related activities and learn how to sustain Maine's natural resources. Staff and instructors will include Maine Game Wardens featured on the show, fisheries and wildlife biologists, recreational safety coordinators and Bryant Pond education staff members. Because of the limited number of spaces, children may enter an [online](#) lottery once before April 29; cost is \$5 and proceeds support Camp North Woods. Children must be at least 8 years old by July 17 and no older than 12 on Aug. 6. More information is on the Camp North Woods website.

WABI covers Maine astronaut's talk at CCA

28 Jan 2016

WABI (Channel 5) reported on a talk by NASA astronaut and Caribou native Jessica Meir at the Collins Center for the Arts to commemorate the 30th anniversary of the Challenger Space Shuttle's final flight. Meir spoke to about 600 Maine schoolchildren, according to the report. "I really think it's important to try and instill in students and children that their dream might not be what my dream is or what your dream is," Meir said. "They really need to follow what they're passionate about. I think really that's the only way to be happy in life is to make sure you're really doing what it is that you're passionate about." WVII (Channel 7) also reported on Meir's talk.

ENR reports on wave energy device testing in new lab

28 Jan 2016

[Engineering News-Record](#) (ENR) reported three ocean engineering firms in January completed testing of wave energy converters, gauging how they will respond to severe offshore storms, at the University of Maine's Harold Alfond W2 Ocean Engineering Lab. The lab, which opened in November, houses the world's first offshore wind-wave test basin with a rotating open-jet wind tunnel over a multidirectional wave basin that mimics severe storms at sea, said Habib Dagher, director of the UMaine Advanced Structures and Composites Center. The lab is one of five U.S. facilities selected to conduct 1:50-scale testing as part of the U.S. Department of Energy's \$2.25 million Wave Energy Prize competition, according to the article. The 20-month design-build-test competition seeks to drive innovation in wave-energy devices through a rigorous testing program, the article states. "Helping to 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," Dagher said.

Folklore minor featured in BDN

28 Jan 2016

The [Bangor Daily News](#) published a feature article on the folklore minor offered at the University of Maine. The minor was created about two years ago by UMaine professors Pauleena MacDougall and Sarah Harlan-Haughey because of the state's overflowing traditional beliefs, customs and stories that have passed down through generations, according to the article. "Because we're so resource based in this state, we have wonderful traditions. There are traditions of boat building, traditions of heating your home with wood, traditions of having a summer camp. People don't realize that those are some things you don't have anywhere else. Those things are Maine based," MacDougall said. "All of those things contribute to what Maine is and who we are." From myths, epics and legends to music, song and dance, the study of folklore is an attempt to understand others as well as ourselves, the article states. Though primarily anthropology-based, the folklore minor draws from various departments, allowing students to take courses in subjects including English, Native American studies, Maine studies and history.

Borkum's migraine research cited in Daily Mail article

28 Jan 2016

Recent research by Jonathan Borkum, an adjunct associate professor of psychology at the University of Maine, was cited in the [Daily Mail](#) article, "What triggers your migraines? Common culprits like coffee, chocolate and cheese may not be to blame and could actually prevent attacks." The article focused on a study by the National Headache Foundation and Curelator Headache, a digital tool that helps migraine sufferers identify their personal triggers, protectors and to dismiss factors that they had assumed were associated with their attacks. The article cited Borkum's study that revealed migraines have a single cause that is to blame for every symptom ranging from pain to nausea. Borkum found that a surplus of free radicals, the corrosive molecules produced by our bodies as we process oxygen, were at the root of all headaches, according to the article. The surplus creates an imbalance in the body, which is called oxidative stress, when there are not enough antioxidant defenses to fend off the free radicals, the article states. Georgia Newsday also published the article.

BDN previews Downtown Bangor Public Humanities Day

28 Jan 2016

The [Bangor Daily News](#) reported the University of Maine Humanities Center (UMHC) will host the fourth annual Downtown Bangor Public Humanities Day at various locations Jan. 30 with a kickoff event Jan. 29. “The goal of the event is to better connect UMaine students, staff and faculty with local institutions and the general public in the region,” said Liam Riordan, director of UMHC. The events kick off 7 p.m. Jan. 29 with a humanities-themed PechaKucha presentation at Coe Space. UMaine faculty and local cultural leaders will make presentations on music, art, history, travel and literature. Free events Jan. 30 include gallery talks, film screenings, readings and discussions at University of Maine Museum of Art, Maine Discovery Museum and Bangor Public Library. “For students to be engaged in their own community is crucial. When we talk about the future of Maine, it’s about investing in our youth,” said Michael Grillo, chair of the UMaine Department of Art who organized Saturday’s events.

Delta Sky magazine feature on Maine cites UMaine’s leadership

28 Jan 2016

The December issue of [Delta Sky](#) magazine featured a 22-page profile of Maine. The lead story, “The Maine Attraction,” included comments by Renee Kelly, UMaine’s director of economic development initiatives, and a UMaine photo. The profile also features “My Maine” sidebars with perspectives from some of the state’s leaders, including UMaine President Susan J. Hunter.

Kevin Conroy: Engineering major inspired by father to join power system industry

28 Jan 2016

Kevin Conroy of Falmouth, Maine is a senior in electrical engineering with a concentration in power systems. Coming from a “tried and true University of Maine family,” his inspiration to attend UMaine and study engineering came from his parents, Linda and Brian Conroy. His father, a 1986 graduate with a degree in electrical engineering, is director of network projects for Central Maine Power, a subsidiary of Iberdrola USA. “Both my mother and father are graduates of UMaine, and my older sister also attended. We are Black Bears through and through,” Conroy says. “My parents always had positive things to say about their UMaine experience, and their continued devotion to the college speaks volumes. “My father attributes his success in his career to the strong foundation he received at UMaine. To top it all off, my parents met while students.” Only a few months into his senior year, Conroy was offered — and he accepted — a position as a power system engineer at RLC Engineering in Hallowell, Maine where he interned for three summers.

Why did you choose your engineering field as a major? As a child, I was always intrigued by the way things work. Growing up, my interest led me to destroy my toys — much to the chagrin of my mother — constantly taking them apart, examining their pieces, figuring out how they worked, and then putting them together again. On occasion, I would build my own creations using this knowledge. In adolescence, I enjoyed science courses, and in high school, I was privileged to take a pre-engineering course where my curiosity was peaked and my enthusiasm was matched. Through this experience, I joined a FIRST Robotics team. My love for engineering was also fostered by my father, a hard-working engineer in the power system industry. We’d have conversations about engineering and his example provided a strong model for me to emulate.

Why UMaine? As I began my college search, I knew UMaine had a highly respected engineering program. I was fortunate to know exactly the field I wanted to study while I searched for a college. With its academically rigorous engineering program, reputation for excellence, and quality professors, I was immediately impressed. I knew I would receive a top-notch education that was affordable, and I wanted to give back to the state in which I was raised.

How would you describe the academic atmosphere in the College of Engineering? The College of Engineering is demanding, not only academically, but personally. You have to be convicted in your desire to pursue this industry to not just survive, but to thrive. The college offers courses and professors that really challenge you and take you out of your comfort zone. You’ll dedicate hours to studying and projects, but ultimately, it’s for your own sake. They are adept at churning out individuals who are competent engineers prepared to hold their own in a difficult field, and while the journey is tough, it’s incredibly rewarding.

Have you worked closely with a mentor, professor or role model who has made your UMaine experience better? While many individuals have been excellent role models and examples for me in my time at UMaine, one in particular stands out. Professor (Donald) Hummels really resonated with me. He’s the chair of the electrical and computer engineering (ECE) department and is very approachable and

welcoming. He does his best to tend to everyone's needs, and cares for the whole of the person rather than just their grades or rank. His very human approach to education has made my experience meaningful. In a different — but no less meaningful — way, Cindy Plourde, the ECE department secretary, has impacted me with her cheeriness and joy. She brightens up my day every day. It's so nice to be part of a college where you're known and valued. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** I was a leading force in creating the IEEE Power and Energy Society student branch at UMaine, and this was a valuable and impactful experience for many reasons. First, it empowered me by showing me how I can truly influence others and be a leader here at UMaine. It also shifted my perspective into a more professional outlook. I was no longer seeing just my own view, but looking at the industry as a whole and my place and role within that. **Describe UMaine in one word:** Home. I don't think you can really contain UMaine in one word, but this comes pretty close. It's a place where you're welcomed, you belong — from the moment you drive up to campus freshman year with the "Hearty Maine Hello" to the moment you cross the stage at graduation and are handed the diploma. It's a place where you grow, where you're challenged, where you experience both joys and sorrows, where you're raised. I don't think you can really explain it all. **What is your most memorable UMaine moment?** While not a single moment or experience, my friendships at UMaine have definitely impacted me for the better and are memorable. Surrounded by vibrant, intelligent friends, my time here is worthwhile. I've recognized that not only have I received an education in a traditional sense of the word, I've also received an education in being a caring, courteous, involved person and that I owe to my friendships here. **What do you hope to do after graduation and how has UMaine helped you reach those goals?** Upon graduation, I will be working as a power system engineer in an excellent company, and it is my hope that I will make a positive impact upon the industry as a whole. Only a few months into my senior year, I've already been offered — and accepted — a position for post-graduation, which is a huge testament to the success of UMaine's College of Engineering. **Have you participated in any internships or co-ops related to your major?** As a matter of fact, it was my internships that led to my job offer. I've held an internship position at RLC Engineering all three summers of my undergraduate studies. I worked as a systems studies engineer the first two summers and a protection and control engineer the third summer. All the material that I was taught in my classes played some role in my ability to hold that position with RLC. **What is the most interesting, engaging or helpful class you've taken at UMaine?** The most practical and helpful course I took at UMaine was ECE 427, Power Systems Analysis. It gave me the tools I needed to succeed in my internship. I felt prepared with adequate knowledge and competent doing my work having taken this class. It also gave me the most applicable information for the field in which I want to enter upon graduation. **What difference has UMaine made in your life?** The University of Maine has provided me an educational foundation that I might not have received anywhere else. It's prepared me to be a professional in a demanding industry, and equipped me with the knowledge and skills I need to succeed. Personally, it's helped me to grow and mature, to establish lifelong friendships, and widen my horizons. **Where will we find you in 10 years?** Hopefully in 10 years you'll be able to find me making a difference in the electrical engineering community on both small and large scales. I hope to be succeeding as an electrical engineer, developing my professional skills and serving as an asset to my company. I hope to be an informed, involved citizen; a dedicated family member; and of course, a proud alum of the University of Maine.

Tanglewood 4-H Center to host February vacation camp

29 Jan 2016

University of Maine Cooperative Extension Tanglewood 4-H Camp and Learning Center in Lincolnville will host a February vacation day camp for children ages 5–12 that celebrates the outdoors. Participants will snowshoe, identify animal tracks and explore winter ecology through games and hands-on learning from 8:30 a.m. to 3:30 p.m. Tuesday, Feb. 16 through Friday, Feb. 19. Cost is \$155 per child. Register [online](#) by Feb. 5. For more information, or to request a disability accommodation, contact Patti Chapman at 789.5868, patricia.chapman@maine.edu.

Leahy part of new landowner, sportsmen board, BDN reports

29 Jan 2016

Jessica Leahy, a forestry professor at the University of Maine, was mentioned in a [Bangor Daily News](#) outdoors column by George Smith. According to the article, a new Landowners and Sportsmen Relations Advisory Board has recently been selected by the Maine Department of Inland Fisheries and Wildlife. Leahy is one of several state leaders on the

board, and she is representing environmental groups, the article states.

Fosters.com advances beginner beekeeping school in Springvale

29 Jan 2016

[Fosters.com](#) reported the University of Maine Cooperative Extension and the Maine State Beekeepers Association will offer a five-week Beginner Bee School, 6–8:30 p.m. Wednesdays, March 2–30, at Anderson Learning Center in Springvale. Participants will learn about bee colonies, hive construction, pests and diseases, and honey production. They also may observe area hives and gain hands-on experience during a field lab. Cost is \$95 per person, \$140 for two people who share materials, and includes a one-year membership in the York County Beekeepers Association. Feb. 26 is the deadline to register. More information is [online](#).

UMaine mentioned in MPBN report on Maine shrimp, spawning study

29 Jan 2016

The [Maine Public Broadcasting Network](#) reported despite a moratorium on the northern Maine shrimp fishing season for the third consecutive year, some wholesale buyers, restaurants and markets could have Maine shrimp this winter due to a study currently underway throughout the state. This week, fishermen have been harvesting Maine shrimp from traps and trawlers as part of a sampling project being conducted by the Atlantic States Marine Fisheries Commission's Northern Shrimp Technical Committee — a regulatory panel that manages the fishery — as well as other agencies including the Maine Department of Marine Resources and the School of Marine Sciences at the University of Maine, according to the report. As part of the program, four shrimp trawlers and two trappers are collecting northern shrimp samples for biologists until mid-April, in order to study the timing of the egg hatch and the size, gender and developmental stage of the shrimp. Those shrimp not used for the sample are allowed to be sold. The sampling program allows participating fishermen to land a total of just over 48,500 pounds of shrimp from the Gulf of Maine, the report states.

WABI, BDN preview annual Play 4Kay women's basketball game

29 Jan 2016

WABI (Channel 5) and the [Bangor Daily News](#) reported the University of Maine women's basketball team will play its annual Play 4Kay breast cancer awareness game Feb. 8. Play 4Kay 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. The team has again set a fundraising goal of \$10,000. Todd Steelman, associate head coach of the team, also visited the studios of [WVII](#) (Channel 7) and WABI to speak about the upcoming game.

Breece quoted in Press Herald article on Maine's increase in tax revenue

29 Jan 2016

James Breece, an economics professor at the University of Maine, was quoted in the [Portland Press Herald](#) article, "New figures show Maine bringing in more money this fiscal year." Six months into the new fiscal year, the state has reported tax revenues are running about 13.5 percent above revenues received at the same point a year earlier, a nearly \$200 million difference, according to the article. Breece, a member of the state's Revenue Forecasting Committee said he will urge the panel to adopt a position of "cautious optimism." Although the results of the first half of the year are good, Breece said 2016 has gotten off to a rocky start for the global economy, citing the stock market's volatility and the slowdown in China's economy, the article states. "If there's a global slowdown, we'll certainly feel it," he said. "The Maine economy is growing, but we don't live in isolation."

University of Maine announces fall 2015 Dean's List

01 Feb 2016

The University of Maine recognized 2,216 students for achieving Dean's List honors in the fall 2015 semester. Of the students who made the Dean's List, 1,665 are from Maine, 468 are from 30 other states and 83 are from 25 countries other than the U.S. Listed below are students who received Dean's List honors for fall 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
Abbondanzio	Edward	West Gardiner	ME	
Abbotoni	Sarah	Houlton	ME	
Abraham	Diana	Brockton	MA	
Ackley	Megan	Holden	ME	
Acord	Noell	Richmond	ME	
Adams	Jefferson	Hampden	ME	
Adams	Liam	Sargentville	ME	
Adams	Oliver	Cumberland Center	ME	
Adams	Sarah	Ellicott City	MD	
Agger	Dana	Newtown	PA	
Ahearn	Matthew	Medway	MA	
Ahern	Joseph	Bangor	ME	
Aiken	Kara	Westford	MA	
Alabbad	Maitham	Old Town	ME	
Albert	Christopher	Bradford	ME	
Alcorn	Justin	Saco	ME	
Alexandrou	Yvette	Alna	ME	
Alfonso	Nicole	Bridgewater	MA	
Alhammadi	Hussain	Al-Qatif		Saudi Arabia
Alhelal	Majed	Orono	ME	
Ali	Yousuf	Orono	ME	
Allan	Ian	Berwick	ME	
Allan-Rahill	Nathaniel	Orono	ME	
Allen	Mathew	Sanford	ME	
Alley	James	Hampden	ME	

Allisot	Emily	Old Town	ME	Saudi Arabia
Allisot	Sarah	Windsor	ME	
Alrammah	Faisal	Orono	ME	
Alshaeban	Saeed	Najran		
Alsuruj	Ayman	Old Town	ME	
Altvater	Natalie	Perry	ME	
Amaral	Jillian	East Providence	RI	
Ames	Bethany	Eliot	ME	
Ames	Nicholas	Kennebunkport	ME	
Amico	Megan	Framingham	MA	
Anderson	Alec	Scarborough	ME	
Anderson	Corrine	Skowhegan	ME	
Anderson	Eleni	Portland	ME	
Anderson	Emily	Weybridge	VT	
Anderson	Patricia	Rome	ME	
Anderson	Perri	Voorhees	NJ	
Anderson	Rachel	West Baldwin	ME	
Anderson	Ryan	Eliot	ME	
Anderson	Stephanie	Salem	NH	
Anderson	Steven	Newton	NH	
Andrews	Brady	Litchfield	ME	
Andrews	Max	Sangerville	ME	
Andrews	Nathan	La Plata	MD	
Ansart	Michael	Tenants Hbr	ME	
Anthony	Brian	Columbia	MD	
Apel	Julia	Neubrandenburg		Germany
Applebee	Zachary	Orono	ME	
Archer	Jacob	Bangor	ME	
Ardans	Christine	Lemoore	CA	

Areno	Meagan	Old Town	ME	
Arey	Dayton	Milbridge	ME	
Arnold	Nicole	Saint Louis	MO	
Arnold	Olivia	Ogunquit	ME	
Arrants	Rebecca	Corinth	ME	
Asalone	Kathryn	Hampden	ME	
Ashe	Jonathan	Walpole	MA	
Ashley	Dennis	Los Angeles	CA	
Assoumou	Kevin	Geneva, Switzerland		Switzerland
Audet	Alexander	Pittsfield	ME	
Audet	David	Augusta	ME	
August	Alexandra	Winthrop	MA	
Austin	David	Fairfield	ME	
Aviani	Danielle	Surrey	BC	Canada
Ayes	Armando	Tegucigalpa		Honduras
Ayotte	Elizabeth	Kennebunk	ME	
Babcock	Caroline	Newton	NH	
Babcock	Hannah	Washington	ME	
Bailey	Brooke	Biddeford	ME	
Bailey	Kassi	Biddeford	ME	
Bailey	Madelyn	Holden	ME	
Bailey	Taylor	Vassalboro	ME	
Baillargeon	Lucas	Old Town	ME	
Baird	Sarah	South Portland	ME	
Baker	Joshua	Glenburn	ME	
Baker	Sarah	Glenburn	ME	
Ballard	Devin	Caribou	ME	
Ballew	Erin	Hallowell	ME	
Bannister	Holiday	Harpenden		United Kingdom

Baos Gallardo	Esther	Puertollano	Spain
Barberi	Olivia	Winterport	ME
Barbieri	Amanda	Wallingford	CT
Barboza	Gabrielle	Lewiston	ME
Barker	Cleo	Portland	ME
Barker	James	Turner	ME
Barnard	Linnea	Auburn	ME
Barnes	Emily	Bradley	ME
Barnes	Emma	Wexford	PA
Barnes	Johanna	Bangor	ME
Barnes	Ridge	Wiscasset	ME
Barra	Dominic	Wells	ME
Barrett	Drew	Presque Isle	ME
Bartash	Bailee	Lincoln	ME
Bartlett	Emily	Old Town	ME
Barzin	Alexandra	Jamestown	RI
Bassis	Michelle	Plainville	MA
Bastidas	Eric	Wayne	NJ
Bates	Gina	Merrimack	NH
Bates	Willow	Kennebunkport	ME
Bauer	Aidan	Portland	CT
Bauer	Holly	Portland	ME
Baumrind	Jade	Orono	ME
Baurhenn	Kathryn	Sparta	NJ
Bautista	Danielle Moorea	Moorpark	CA
Bayer	Tayler	Portage	IN
Beal	Caleb	Machiasport	ME
Beal	Stacey	Beals	ME
Beals	Zachary	Holden	ME

Bean	Justin	Turner	ME
Bean	Philip	Sidney	ME
Beane	Elizabeth	North Reading	MA
Beaton	Cordell	Houlton	ME
Beauchesne	Julie	Camden	ME
Beaudoin	Joseph	Kennebunk	ME
Beaudoin	Samuel	Acton	ME
Beaudoin	Tucker	Lewiston	ME
Beaudry	Zachary	Searsport	ME
Beaulieu	Ashleigh	Hermon	ME
Beauregard	Christian	Stratton	ME
Beccia	Willow	Hudson	MA
Becker	Alexander	North Chelmsford	MA
Becker	Christiana	Old Town	ME
Becker	Samuel	Saint Paul	MN
Bedard	Ciera	Owls Head	ME
Beebe	Connor	Reading	PA
Beedy	Joshua	Phillips	ME
Begin	Noah	Damariscotta	ME
Begin	Robert	Saco	ME
Behan	Jamie	Seekonk	MA
Beil	Vivien	Jena	Germany
Belanger	Alexander	Dayton	ME
Belanger	Kirstie	Skowhegan	ME
Belanger	Michael	Amherst	NH
Belanger	Paige	Fairfield	ME
Belanger	Shaina	Ashford	CT
Belcher	Drew	Reading	MA
Bell	Devin	Belgrade	ME

Bellefleur	Abby	Auburn	ME
Benner	Heather	Orono	ME
Bennett	Alyssa	Berwick	ME
Bennie-Underwood	Campbell	Watertown	MA
Benoit	Mitchell	Cape Neddick	ME
Benson	Brawley	Greenbush	ME
Bergdoll	Abigail	Burnham	ME
Berger	Brian	Orono	ME
Berger	Olivia	Danbury	CT
Bergeron	Brett	Newmarket	NH
Bergeron	Jessalyn	Gorham	ME
Bernard	Ashley	Plymouth	MA
Bernier	Kyle	Sidney	ME
Bernosky	Loni	Bradford	ME
Bernstein	Ryan	Bronx	NY
Berrill	Emily	Gorham	ME
Berry	Kate	Orono	ME
Berry	Shane	North Berwick	ME
Bhatta	Abhinav	Urbandale	IA
Bibb	Tiana	Jericho	VT
Bickford-Duane	David	Orrington	ME
Bilodeau	Denton	Livermore Falls	ME
Bilodeau	Juliana	Brewer	ME
Binette	Maliyan	Milford	ME
Bissonnette	Aaron	Lewiston	ME
Bistri	Donald	Orono	ME
Biswas	Sonia	Brewer	ME
Biter	Kyle	Hampden	ME
Black	Alex	Fayette	ME

Black	Evan	Biddeford	ME	Canada
Black	Ian	Biddeford	ME	
Blackburn	Cody	Cherryfield	ME	
Bladen	Rachael	Orrington	ME	
Blais	Maxwell	Farmington	ME	
Blake	Austin	Westbrook	ME	
Blanchard	Matthew	Cumberland Center	ME	
Bleakney	Jordan	Frankfort	ME	
Bleier	Kate	Wells	ME	
Blodgett	Rebecca	Parkman	ME	
Blood	Emily	Searsmont	ME	
Bloom	Jacob	Scarborough	ME	
Blunt	Allison	South Berwick	ME	
Blustajn	Brandon	Bangor	ME	
Boardway	Garrett	Clifton	ME	
Bois	Kevin	Westbrook	ME	
Boissonneault	Eve	Sudbury	ON	
Boivin	Marissa	Saco	ME	
Boldebook	Joshua	Saco	ME	
Bolduc	Natalie	Dixfield	ME	
Bolduc	Samuel	Bangor	ME	
Bolin	Danielle	Windsor Locks	CT	
Bonnanzio	Anne	Milford	CT	
Boomer	Rebekah	Hampden	ME	
Boomer	Sarah	Hampden	ME	
Bordeau	Emily	Old Orchard Beach	ME	
Borer	Samuel	Orono	ME	
Borger	Emily	Hanscom AFB	MA	
Bouchard	Janelle	Kennebunk	ME	

Bouchard	Margaret	Topsham	ME
Boucher	Heather	Madawaska	ME
Boucher	Katherine	East Lyme	CT
Boucher	Matthew	Madawaska	ME
Boudreau	Levi	Berwick	ME
Bouffard	Connor	Biddeford	ME
Boulos	Jaime	New Gloucester	ME
Bourgoin	Brandon	Lee	ME
Bouthot	Justine	Biddeford	ME
Boutiette	Amber	Orono	ME
Bovie	Marissa	Vassalboro	ME
Bowen	Nicole	Fairfield	ME
Bowen	Zachary	Plaistow	NH
Bowers	Sarah	Westwood	MA
Bowker	Jaycob	Eddington	ME
Bowman	Evan	Hermon	ME
Bowman	Rosanna	Hope	ME
Boyd	Karla	Acton	ME
Boyd	Logan	Houlton	ME
Boyle	Nicoleen	Nashua	NH
Boyman	James	Augusta	ME
Brache	Merrill	Orland	ME
Brackett	Ashley	Auburn	ME
Brakeman	Jourdan	Vanceboro	ME
Brannigan	Jack	Chelsea	ME
Brecker	Joshua	Jefferson	ME
Breeding	William	East Granby	CT
Brennick	Lindsay	Jay	ME
Briggs	Jack	York	ME

Brightney	James	Newburyport	MA
Brink	Sara	Portland	ME
Bristol	Genevieve	Etna	NH
Britton	Jack	Falmouth	ME
Bromberg	Caroline	Princeton Junction	NJ
Brooks	Drew	Lyman	ME
Brooks	Erika	Cushing	ME
Brooks	Rachel	Clifton	ME
Brown	Aaron	Clinton	ME
Brown	Abegayle	Gorham	ME
Brown	Amy	Newburgh	ME
Brown	Austin	Easton	PA
Brown	Caden	Manchester	ME
Brown	Caeley	Houlton	ME
Brown	Darren	Westbrook	ME
Brown	Garrett	Eliot	ME
Brown	Greta	Waldoboro	ME
Brown	Jacob	Layton	NJ
Brown	Jennifer	Bradley	ME
Brown	Jordan	Bangor	ME
Brown	Kathleen	Portsmouth	RI
Brown	Kathryn	York	ME
Brown	Zoe	Eliot	ME
Bruni	Matthew	Orrington	ME
Bryant	Emily	Milford	ME
Bryant	Larissa	Dixfield	ME
Buck	Regan	Sanford	ME
Bucklin	Jacob	Searsport	ME
Bucknell	Adam	Gorham	ME

Buda	Katelynn	Wampsville	NY
Budri	Mariza	Portland	ME
Bullard	Andrew	Alfred	ME
Bullard	Samantha	Orono	ME
Burgess	Mitchell	Standish	ME
Burkard	Alyssa	Stockton Springs	ME
Burkard	Jay	Stockton Springs	ME
Burkhart	James	Bangor	ME
Burkhart	Ryley	Skowhegan	ME
Burnett	Hannah	Surry	ME
Burrows	Daniel	Haverhill	MA
Bursch	Cody	Minneapolis	MN
Burt	Madison	Brunswick	ME
Burton	Kaitlyn	Portland	ME
Bush	Taylor	Hopkinton	MA
Bushey	Margaret	Biddeford	ME
Bussell	Kelly	Bangor	ME
Buthlay	Cameron	Topsham	ME
Butler	John	Newport	ME
Butts	Erin	Brunswick	ME
Byrne	Devin	Old Lyme	CT
Byrnes	Meaghan	Windham	ME
Byron	Christopher	North Yarmouth	ME
Caccese	Vincent	Bangor	ME
Cahill	Devin	Durham	NH
Cahill	Sean	Yarmouth	ME
Calabrese	Victoria	Sierra Vista	AZ
Calibuso	Enya	Alexandria	VA
Campbell	Quinn	Saco	ME

Campbell	Victoria	Marlton	NJ
Canning	Dexter	Ripley	ME
Cannon	Christine	Dover Foxcroft	ME
Capella	Maralee	Wanaque	NJ
Capistrant-Fossa	Kyle	West Springfield	MA
Carey	Christopher	Bangor	ME
Carey	Mariah	Plymouth	ME
Cargnino	Lacey	Orono	ME
Carle	Forrest	Calais	ME
Carlin	Karyn	Surry	ME
Carlson	Lydia	South Berwick	ME
Carlson	Maeve	Wiscasset	ME
Carmichael	Chloe	Bucksport	ME
Carney	Lara	Old Town	ME
Caron	Christina	Dayton	ME
Caron	Molly	Holden	ME
Caron	Sarah	Holden	ME
Caron	Vanessa	Sanford	ME
Carr	Andrew	Augusta	ME
Carrier	Grant	Harpwell	ME
Carrigan	Caroline	Topsham	ME
Carroll	Antonia	Bangor	ME
Carroll	Cassandra	Enfield	CT
Carten	Sarah	Reading	MA
Caruso	Paul	Westbrook	ME
Casey	Jillian	Burlington	MA
Cashin	Jennifer	New Boston	NH
Cashman	Sean	Old Town	ME
Cassum	Mikaela	Bangor	ME

Castonguay	Arianna	Augusta	ME	China
Castonguay	Paige	Benton	ME	
Caswell	Kirsten	Searsport	ME	
Caulfield	Kathryn	Naples	ME	
Cavanaugh	Meaghan	Calais	ME	
Cedrone	Evan	Manchester	CT	
Cekada	Samuel	Scarborough	ME	
Chadwick	Nicole	Gardiner	ME	
Chamberlain	Thad	Benton	ME	
Chamberland	Kevin	Winthrop	ME	
Chamberland	Ryan	Auburn	ME	
Chamberlin	Kayla	Topsham	ME	
Chamberlin	Phoebe	Auburn	ME	
Chambers	Jake	Orono	ME	
Chambers	Matthew	Hanson	MA	
Champagne	Josie	Fairfield	ME	
Chan	Perry	Lewiston	ME	
Chapman	Benjamin	Portland	ME	
Charles	Sydney	Fryeburg	ME	
Chase	Kayla	Milford	ME	
Chasse	Erin	Fort Kent	ME	
Chasse	Taylor	Veazie	ME	
Chavis	Hannah	Fairfield	ME	
Cheff	Joseph	Glenburn	ME	
Chen	Pianpian	Bucksport	ME	
Chen	Zelin	Fuxhou		
Chiamulera	Chelsea	South Portland	ME	
Chickanosky	Anne	Hillsboro	OR	
Cirone	Brianna	Jonesport	ME	

Cirrinone	Amy	Hampden	ME	France
Claflin	Corey	Newburyport	MA	
Clark	Brandon	Greene	ME	
Clark	Edward	Croton on Hudson	NY	
Clark	Jesse	Calais	ME	
Clark	Kaitlin	Standish	ME	
Clark	Matthew	West Gardiner	ME	
Clarke	Kevin	Madison	CT	
Cleary	Julia	Wakefield	MA	
Clement	Leah	Orono	ME	
Cliff	Audrey	Hermon	ME	
Clifford	Tiffany	Clinton	ME	
Cloitre	Aziliz	Plouguerneau		
Closson	Matthew	Hampden	ME	
Cloutier	Emberly	Niskayuna	NY	
Cloutier	Hannah	Old Town	ME	
Cloutier	Moriah	Vassalboro	ME	
Cloutier	Taylor	Old Town	ME	
Coburn	Katilyn	Saco	ME	
Cochran	Samuel	Middletown	DE	
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	Marshall	Rockland	ME	
Cole	Ryan	Smyrna Mills	ME	
Collamore	Amanda	Pittsfield	ME	

Collias	Joseph	Wilton	CT	
Collins	Annie	Caribou	ME	
Collins	Karissa	Carver	MA	
Collins	Marlee	Auburn	ME	
Collishaw	Anna	Bethesda	MD	
Colson	Sierra	Mount Desert	ME	
Comaskey	Lucy	Brunswick	ME	
Comeau	Austin	Old Town	ME	
Conceicao Faria	Caroline	New York	NY	
Conrad	Olivia	Yarmouth	ME	
Constantin	Gabriela	Bangor	ME	
Contois	Ryan	Biddeford	ME	
Conway	Ryan	Pepperell	MA	
Cook	Abigail	Canandaigua	NY	
Cook	Cassidy	Welshpool	NB	Canada
Cook	Joshua	Vergennes	VT	
Cooledge	Danielle	Scarborough	ME	
Cooney	Felicia	Oxford	MA	
Cooper	Ashley	Westport	MA	
Cooper	Samuel	Bensalem	PA	
Coppens	Matthew	Ajax	ON	Canada
Corbett	Emily	Listowel	ON	Canada
Cormier	Jacqueline	Sullivan	ME	
Cormier	Kayla	Caribou	ME	
Corneil	Tawnie	Bangor	ME	
Corriveau	Kelsey	Castle Hill	ME	
Corson	Samuel	Temecula	CA	
Cortez Di Giulio	Brenda	New York	NY	

Cosgrove	Carly	Bangor	ME	
Costello	Catherine	Lexington	MA	
Cote	Alexis	Madawaska	ME	
Cote	Robert	Biddeford	ME	
Cotter	Summer	East Sandwich	MA	
Coughlin	Erin	Marlborough	MA	
Coulter	Everett	Saint Albans	ME	
Courtney	Amelia	Saco	ME	
Courtois	Shelby	Biddeford	ME	
Cousins	Brittany	Milford	ME	
Cowan	Kara	Orrington	ME	
Cowley	Claire	St John's	NL	Canada
Cox	Michael	Stockton Springs	ME	
Cox	Ryan	Bar Harbor	ME	
Coy	Jessica	Terranora		Australia
Coyle	Ciaran	Lebanon	NH	
Coyle	Donncha	Lebanon	NH	
Crabtree	Whytne	Gouldsboro	ME	
Craig	Jovon	Brewer	ME	
Crawford	Anthony	Wells	ME	
Crist	Andrew	Brownville	ME	
Crocker	Brandon	Glenburn	ME	
Crocker	Mason	Gorham	ME	
Crone	Logan	Danforth	ME	
Cronin	Taylor	Naples	ME	
Cropley	Colleen	Hermon	ME	
Cropley	Melody	Standish	ME	
Cross	Audrey	Brunswick	ME	
Cross	Heather	Barton	VT	

Crouse	Bryan	Westbrook	ME	
Crow	Hannah	Milton Keynes		United Kingdom
Crowley	Casey	Victoria	BC	Canada
Crowley	Kimberly	Brunswick	ME	
Cullen	Ryan	Hudson	ME	
Cumming	James	Manchester	ME	
Cummings	Kerry	Westport Island	ME	
Cummings	Madison	Belfast	ME	
Cummings	Riley	Underhill	VT	
Cunney	Andrea	Brewer	ME	
Cupps	Amanda	Bangor	ME	
Curless	Jeffrey	Watertown	CT	
Curran	Nicolette	Skowhegan	ME	
Curtis	Caroline	Orono	ME	
Cushing	Troy	Boothbay Harbor	ME	
Cust	Alex	Hampden	ME	
Cutting	Kathryn	Sebago	ME	
D'Alessio	Daniel	North Dighton	MA	
D'Angelo	Fara	Argyle Twp	ME	
D'Antilio	Kestrel	Hartland	ME	
Dagher	Anna-Maria	Veazie	ME	
Dagher	Christiana	Veazie	ME	
Daigle	Kristian	Brewer	ME	
Daley	Jennie	Sullivan	ME	
Dalrymple	Rebecca	Milford	ME	
Daly	Courtney	Scarborough	ME	
Daly-O'Donnell	Keegan	Walpole	ME	
Dam	Olivia	Turner	ME	

Damboise	Shaunna	Kents Hill	ME
Damon	Alyssa	Holden	ME
Damon	Elizabeth	Sumner	ME
Damsky	Jenya	Salem	MA
Danforth	Ashley	Hampden	ME
Danforth	Katherine	Hampden	ME
Dang	Luke	Augusta	ME
Danner	Alexander	Waterville	ME
Danza	Victor	Garden City	NY
Darlington	Jana	Brockton	MA
Darragh	Jade	Bucksport	ME
Davenport	Anjelica	Bangor	ME
Davis	Brady	Freeport	ME
Davis	Nathan	Deer Isle	ME
Day	Abigail	Rumford	ME
Day	Matthew	Brunswick	ME
Day	Walker	Lovell	ME
de Silva	Amy	North Dartmouth	MA
Dean	Audrey	Dayton	ME
Dean	Kimberlei	Greenwood	ME
Dean	Sarah	Industry	ME
Dean	William	Farmington	CT
DeBrock	Spencer	Newtown	CT
Dechaine	Cassandra	Waterville	ME
Decker	Daniel	Dover Foxcroft	ME
Deering	Alexi	Jay	ME
Deering	Emily	South China	ME
Deerwester	Eric	Yarmouth	ME
DeForest	Sally	Old Town	ME

Degenhardt	Victoria	Lewiston	ME
Degnan	Oscar	Orrington	ME
DeGone	Brianna	Turner	ME
DeHaas	Abigail	Carmel	ME
Delcourt	Meaghan	Old Town	ME
DeLisle	Lillian	Rome	ME
DeLong	Joshua	Auburn	ME
DelPrete	Nicholas	Rockland	MA
DeMello	Benjamin	Rochester	MA
Demin	Elizabeth	Saco	ME
Demissew	Amanuel	Laurel	MD
Denbow	Chad	Lubec	ME
Denduang	Anderson	Stockton Springs	ME
Denis	Alex	Topsham	ME
Dennis	John	Bangor	ME
Deroche	Caroline	Eddington	ME
Derosier	Derek	Orono	ME
DeRoy	Joseph	Gorham	ME
Derrah	Matthew	Bangor	ME
Deschesne	Jasmine	Hampden	ME
DeSoto	Brianna	Gardiner	ME
Despres	David	Kennebunkport	ME
Desrochers	Spencer	Biddeford	ME
Desrosiers	Kailey	Glenburn	ME
DeTellis	Jeremie	Rumford	ME
DeVoe	Savannah	Naples	ME
Dewey	Marley	Falmouth	ME
Diaferio	Jillian	Island Falls	ME

DiBello	Kristen	Greene	ME
Dickens	Sarah	Dedham	ME
Dickinson	Jaden	Skowhegan	ME
Dickison	Douglas	Houlton	ME
Dickson	Caroline	Fairfax	VA
Diemer	Trevor	Freedom	ME
Dillingham	Cody	Skowhegan	ME
DiPietrantonio	Evan	Westbrook	ME
Discatio	LaRae	Scarborough	ME
Doak	Lauren	Fort Kent	ME
Doane	Megan	Orrington	ME
Doiron	Cara	Bangor	ME
Dolloff	Thomas	Cumberland Center	ME
Dominguez Lash	Marianna	Londonderry	NH
Donahoe	John	Cumberland Foreside	ME
Donahue	Erica	Chester	NH
Donahue	Erin	Pittsfield	ME
Donnelly	Joshua	Brewer	ME
Donnelly	Samuel	Hampden	ME
Donoghue	Stephanie	Springvale	ME
Donovan	Sean	Marshfield	MA
Dooling	Katie	South Portland	ME
Doty	James	Ellsworth	ME
Douglass	Chloe	Orono	ME
Douglass	Dana	Phippsburg	ME
Dow	Lillian	Millinocket	ME
Dowd	Kailey	Mendon	MA
Dowman	Emily	Essex Junction	VT
Downing	Mindy	Brownville	ME

Doyon	Emily	Biddeford	ME
Drake	Caleb	Kennebunk	ME
Drake	Kaitlin	Bangor	ME
Drake	Katherine	Freeport	ME
Drewrey	Kevin	Medway	ME
Drinkwater	Maggie	South Thomaston	ME
Driscoll	Sean	Haverhill	MA
Drummond	Chase	Weeks Mills	ME
Dube	Kaitlyn	Woolwich	ME
Dube	Mark	Searsport	ME
Dubois	Derek	Orrington	ME
DuBois	Desirae	Old Town	ME
Dubois	Samuel	Oakland	ME
Dubuc	Nate	Windham	ME
Ducker	Sean	Winslow	ME
Duda	Peter	South Thomaston	ME
Duffield	Charles	Old Orchard Beach	ME
Duffy	Shannah	Brunswick	ME
Dufour	Ryan	Glenburn	ME
Duggan	Emily	Buxton	ME
Duggan	Fionnula	Wells	ME
Dumas	Jared	Lewiston	ME
Dumas	Patrick	Gray	ME
Duncan	Dakota	Greene	ME
Duncan	Katrina	Bangor	ME
Dundas	Chandler	Bath	ME
Dunham	Laura	Temple	ME
Dunn	Avery	Dayton	ME

Dunn	Kyle	Lowell	MA	
Dunn	Nichole	Hulls Cove	ME	
Dunn	Sara	Topsham	ME	
Dunning	Matthew	Orrington	ME	
Dunroe	Megan	Hampden	ME	
Dupont	Taylor	North Berwick	ME	
Duran-Frontera	Emily	Las Marias		Puerto Rico
Durgin	Ian	Turner	ME	
Durkin	Joseph	Brunswick	ME	
Dutil	Ryan	Winslow	ME	
Dwyer	Cameron	Orono	ME	
Dyer	Emily	Bristol	RI	
Dziegiel	Brandie	Southwest Harbor	ME	
Eaton	Matthew	York	ME	
Eaton	Sarah	Deer Isle	ME	
Ebihara	Tomohiro	Lexington	MA	
Edmondson	Mimi	North Yarmouth	ME	
Edwards	Ashley	West Suffield	CT	
Ege	Conrad	Sanford	ME	
Egeland	Dylan	Cape Elizabeth	ME	
Elder	Hannah	Edgecomb	ME	
Eldridge	Lauren	Falmouth	ME	
Eldridge	William	Gorham	ME	
Elliott	Abigail	Bangor	ME	
Ellis	Brittany	Bangor	ME	
Elsemore	Caleb	South Portland	ME	
Elwell	Amber	Spruce Head	ME	
Elz Hammond	Emma	Orono	ME	
Emerich	Rachel	Lincoln Park	NJ	

Emery	Lauren	East Poland	ME	United Kingdom
Engholm	Jack	York	ME	
England	Matthew	Bangor	ME	
Enrico	Blake	Freeport	ME	
Eramo	Courtney	Rowley	MA	
Erickson	Jo-an	Acton	MA	
Ermold	Kendra	Saco	ME	
Errico	Lauren	Kennebunk	ME	
Erwin	Rosaleen	Brunswick	ME	
Eslin	Allyson	Bangor	ME	
Espling	Kelsie	New Sweden	ME	
Estabrook	Megan	Lebanon	ME	
Etro	Isabella	Eliot	ME	
Evans	Andrea	Milford	ME	
Evans	Katherine	Guildford		
Everett	Emma	Presque Isle	ME	
Everett	Mary	Poland	ME	
Everitt	Julia	Newport	RI	
Ewy	Emma	Orono	ME	
Eyster	William	Sangerville	ME	
Fabel	Joshua	Galloway	NJ	
Fagan	Michael	Dover Foxcroft	ME	
Fairfield	Benjamin	Westport Island	ME	
Farnsworth	Eric	Topsham	ME	
Farrington	Shawn	Brewer	ME	
Fatimi	Laila	Natick	MA	
Faucette	Jill	Saco	ME	
Favreau	Alexander	Topsham	ME	

Federico	Jennifer	Glenburn	ME
Felix	Nicole	Lynn	MA
Fellows	Mitchell	Readfield	ME
Felvinci	Julian	Kennebunk	ME
Ferguson	Grace	Gray	ME
Ferguson	Julianna	Sandwich	MA
Ferguson	Nickolas	Sidney	ME
Fern	Matthew	Brewer	ME
Fielding	Cassidy	South Portland	ME
Finemore	Kirsha	Oakland	ME
Fischer	Anna	Arlington	VT
Fischer	Matthew	Wells	ME
Fisher	Zachary	Sabattus	ME
Fitzpatrick	Molly	North Yarmouth	ME
Fitzpatrick	Shannon	North Yarmouth	ME
Flanagan	Ryan	Farmington	ME
Flanders	Michael	New Gloucester	ME
Flannery	Alexander	Hampden	ME
Flannery	Miranda	Presque Isle	ME
Fleming	Jesse	Norwood	MA
Fletcher	Jennifer	South Portland	ME
Flood	Adam	Searsmont	ME
Floreani	Mary	Wimberley	TX
Fluet	Zoe	Cumberland Center	ME
Flynn	Brian	Rocky Hill	CT
Fogarty	Alyssa	South Berwick	ME
Fogg	Kailey	Old Orchard Beach	ME
Fogg	Lauren	Old Orchard Beach	ME
Foley	Ailish	Montville	ME

Foley	Erin	Winterport	ME
Foley	Jackson	Eliot	ME
Folger	Hannah	South Berwick	ME
Folger	Madelyn	South Berwick	ME
Folsom	Alison	Saco	ME
Ford	Sarah	Londonderry	NH
Fortier	Daniel	Lewiston	ME
Fortier	Megan	Windham	ME
Fortier-Brown	Adam	Randolph	ME
Fortin	Brianna	Hooksett	NH
Fortin	Michaela	Jefferson	ME
Fortin	Nicholas	Belfast	ME
Fossas	Elijah	Dudley	MA
Foster	Devon	Bangor	ME
Foster	Jacob	Athol	MA
Foster	Krista	Hudson	ME
Foster	Meaghan	Fairfield	ME
Fouchereaux	Claire	Yarmouth	ME
Fournier	Andrew	Bangor	ME
Fournier	Casey	South Portland	ME
Fournier	Nicholas	Bangor	ME
Fox	Jacob	Enfield	NH
Fox	Kendra	Fryeburg	ME
Frank	Samantha	Windham	ME
Franklin	Amy	Bath	ME
French	Aaron	Lisbon	ME
French	Eleanora	South China	ME
Freshley	Sara	Brunswick	ME

Frey	Derek	Kenduskeag	ME
Frisard	Meghan	Worcester	MA
Frost	Ethan	Bangor	ME
Frost	Sarah	Franklin	ME
Frye	Levi	Walpole	NH
Fuller	Chynna	Orono	ME
Gagne	Cassidy	Barrington	NH
Gagne	Chase	Manchester	NH
Gagne	Eliot	Westbrook	ME
Gagne	Emily	Raymond	ME
Gagne	Hailey	South Berwick	ME
Gagne	Tyler	South Portland	ME
Gagnon	Justin	Milford	ME
Gagnon	Kristen	Haverhill	MA
Gallant	Makenzie	Rumford	ME
Galley	Kathryn	Temple	NH
Gallop	Emma	Houlton	ME
Gallucci	Emmanuel	Winterport	ME
Gamache	Jillian	Windham	ME
Garcia	Andrea	Rio Rancho	NM
Garcia	Joseph	Etna	ME
Gardner	Charles	Brewer	ME
Gardner	Faith	Walpole	NH
Gardner	Hope	Walpole	NH
Gardner	Ryan	Brewer	ME
Garfield	Nicholas	Lowell	ME
Garland	Roy	Scarborough	ME
Garner	Emma	Sandown	NH
Gartley	Alyssa	South China	ME

Gatchell	Amber	Franklin	MA	
Gates	Avery	Norway	ME	
Gatti	Jonathan	Portland	ME	
Gayton	Dominic	Calais	ME	
Gayton	Kayla	Sabattus	ME	
Gazura	Kaylie	Setauket	NY	
Geary	Brenden	South Hadley	MA	
Geffken	Maximilian	Lincolnville	ME	
Geiser	Breannah	Brewer	ME	
Geldermann	Hallie	Bristol	NH	
Genovesi	Giorgio	Pawcatuck	CT	
Georges	Marie-France	Orono	ME	
Gerchman	Logan	Denmark	ME	
Germaine	Rachel	Westbrook	ME	
Gerostergiou	Christiana	Thessaloniki		Greece
Gerow	Annemarie	Bangor	ME	
Gervais	Colton	South Portland	ME	
Gibbons	Amanda	Saco	ME	
Gibbs	Wendy	Brooks	ME	
Gibson	Henry	Old Town	ME	
Gibson	Sarah	Brunswick	ME	
Gifford	Miranda	Bradley	ME	
Gilbert	Alexander	Brookfield	VT	
Gilbert	Christopher	Bernardston	MA	
Gilbert	Christopher	Scarborough	ME	
Giles	Connor	Orono	ME	
Gillette	Catherine	Brownfield	ME	
Gillis	Owen	Biddeford	ME	

Gilmore	Allison	Barrington	RI	
Gilmore	Drew	Hampden	ME	
Gilmour	Alyssa	Cato	NY	
Gilmour	Kristin	Orono	ME	
Girard	Clare	Glens Falls	NY	
Giroux	Christopher	Topsham	ME	
Girsa	Tyson	Millinocket	ME	
Gisler	Sarah	Lansing	NY	
Glasberg	David	North Scituate	RI	
Glidden	Abigail	Lee	ME	
Glidden	Katie	Highgate Center	VT	
Gloger	Till	Bochum		Germany
Glusker	Elisha	Augusta	ME	
Goding	Natalie	Livermore Falls	ME	
Goff	Emma	Standish	ME	
Goins	Faythe	Elgin	SC	
Gold	Daniele	Southwick	MA	
Gonnella	Edward	Old Town	ME	
Gonzalez	Emma	Barrington	IL	
Good	Brittany	Presque Isle	ME	
Goodale	Tabatha	Alfred	ME	
Goode	Andrew	Boothbay	ME	
Goodine	Devanne	Warwick	RI	
Goodine	Lauren	Woodville	ME	
Goodine	Mercedes	Bangor	ME	
Goodwin	Cameron	Windham	ME	
Goodwin	Rita	Passaic	NJ	
Goody	Danielle	Shepperton		United Kingdom
Goplerud	Elise	Lowell	MA	

Gordon	Connor	South Paris	ME
Gordon	Devon	Rockport	ME
Gordon	Joshua	Presque Isle	ME
Gori	Jillian	South Berwick	ME
Gosselin	Sarah	Greene	ME
Gottlieb	Kathryn	Boothbay	ME
Gottwalt	Catherine	Little Falls	MN
Gould	Grace	Waterville	ME
Goulding	Jennifer	Groton	MA
Goulet	Stephen	Presque Isle	ME
Goulette	Zachary	Turner	ME
Goupille	Kyle	Presque Isle	ME
Grady	Katerina	Canton	MA
Gramour	Dakota	Houlton	ME
Gramse	Stephanie	Falmouth	ME
Granger	Aeleah	Gray	ME
Grant	Caitlin	Norway	ME
Grant	Justin	Lisbon Falls	ME
Grant	Miranda	Ellsworth	ME
Grass	Meagan	Orrington	ME
Grass	Sarah	Blaine	ME
Gray	Chloe	Windham	ME
Gray	Kayla	Verona Island	ME
Gray	Marina Rosemary	Orono	ME
Greaney	Emily	Mercer	ME
Greco	Callie	Greene	ME
Green	Ashley	Whitefield	ME
Green	Mckenzie	Augusta	ME

Green	Sydney	Manchester	ME
Greenawalt	Kayla	Auburn	PA
Greenwood	Luke	Livermore	ME
Gregory	Steven	Millinocket	ME
Gridley	Sierra	Portland	ME
Griffin	Graham	Old Town	ME
Griffin	Liam	North Berwick	ME
Grillo	John	Kennebunk	ME
Grissinger	Alexa	Elkins Park	PA
Griswold	Samuel	Orono	ME
Grondin	Sarah	Falmouth	ME
Gross	Alexandria	Kennebunk	ME
Gross	Jacob	Scarborough	ME
Grossman	Emily	Westbrook	ME
Groutkas	Chris	Middletown	NY
Grove	Colin	Cumberland Center	ME
Grover	Hannah	East Vassalboro	ME
Grover	William	Orono	ME
Guarnieri	Lucia	Belgrade	ME
Guerrette	Bradley	Hampden	ME
Guerrette	Hannah	Mapleton	ME
Guider	Justin	Wilmington	DE
Guild	Cameron	Manchester	ME
Guiliani	Victoria	Old Town	ME
Guimond	Dominic	Portland	ME
Guo	Lily	Lexington	MA
Gurschick	Karl	Bangor	ME
Gustafsson	Mikaela	Sodertalje	Sweden
Gustin	Vance	Merrill	ME

Guzzi	Dante	Boothbay	ME	
Haberstick	Julia	Portland	ME	
Hagaman	Mykayla	Pickerington	OH	
Haines	Savannah	Westport	MA	
Halder	Ivonne	Muensingen		Germany
Hale	Zachary	Fairfield	ME	
Hall	Heather	Sebago	ME	
Hall	Jordan	Windham	ME	
Hall	Ronald	Cushing	ME	
Hall	Taylor	Warren	ME	
Hallczuk	Taylor	Biddeford	ME	
Hallowell	Angela	Presque Isle	ME	
Hamel	Emily	Auburn	ME	
Hamilton	Cole	Old Orchard Beach	ME	
Hamm	Jill	Bangor	ME	
Hammond	Allison	Rangeley	ME	
Hammond	Katelyn	Hampden	ME	
Hammontree	Ryan	Falmouth	ME	
Hanley	Kelly	Moosup	CT	
Hannigan	Abigail	Kittery Point	ME	
Hanscom	Dylan	Dexter	ME	
Hanson	Kaitlyn	Warren	ME	
Hanson	Paige	Fairfield	ME	
Harding	Marcus	Wells	ME	
Hardy	Emma	Veazie	ME	
Hardy	Jessie	Bangor	ME	
Hardy	John	Portland	ME	
Harnden	Alexandra	Strong	ME	

Haroldsen	Dylan	Kennebunk	ME	
Haroldsen	Kaleigh	Kennebunk	ME	
Harriman	Jacob	Augusta	ME	
Harrington	Danielle	Milford	ME	
Harris	Jacquelyn	Gorham	ME	
Harris	Rebecca	Saco	ME	
Harvey	Rachel	Southington	CT	
Harvie	Christian	Scarborough	ME	
Harvie	Tristan	Orono	ME	
Hashey	Nicolette	Hermon	ME	
Hastings	Jennifer	Corinna	ME	
Hastings	Thomas	Bear	DE	
Hatch	Peter	Acton	MA	
Hatfield	MacKenzie	Danville	NH	
Hathaway	Carter	Turner	ME	
Hatt	Meghan	Dedham	ME	
Hatt	Rebecca	Lincoln	ME	
Haughton	Austin	Kingston	MA	
Hawk	Alton	South China	ME	
Hawkes	Melissa	Kittery	ME	
Hawkins	Katherine	Worcester Park		United Kingdom
Hawkins	Todd	Augusta	ME	
Hayes	Darren	Plymouth	ME	
Hayes	Emily	New Hyde Park	NY	
Hayes	Sarah	Jay	ME	
Hayes	Veronica	East Providence	RI	
Hayford	Andrew	Cape Neddick	ME	
Hayward	Kaitlyn	South China	ME	
Heard	Daniel	Albion	ME	

Heath	Josie	Augusta	ME	
Hebert	Emily	Madawaska	ME	
Hegarty	David	Limington	ME	
Hegarty	Holly	Bangor	ME	
Heikkinen	Aiden	Paris	ME	
Hein	Jill	Holden	ME	
Heise	Anna	Halle		Germany
Heithoff	Banton	Oldwick	NJ	
Henderson	Ashlie	Bangor	ME	
Henderson	Zackary	Bangor	ME	
Hennessy	Sean	Orono	ME	
Henningsen	Connor	North Andover	MA	
Heno	Timothy	Franklin	MA	
Henry	Bridget	Eliot	ME	
Herman	Cassidy	Ottawa	ON	Canada
Hernandez	Nathaniel	Auburn	ME	
Hernandez Pepe	Isabel	ROME		Italy
Herron	Kimberly	Old Town	ME	
Herrschaft	Gene	Portland	ME	
Hersom	David	Turner	ME	
Heuschkel	James	New Hartford	CT	
Heyden	Deborah	Carmel	ME	
Hidu	Julia	Hampden	ME	
Higgins	Kirsten	Bangor	ME	
Higgins	Lucas	Waterville	ME	
Higley	Samantha	Rumford	ME	
Hildebrant	Charles	Dover Foxcroft	ME	
Hill	Gwendelyn	Saco	ME	

Hiller	Kelly	Hampden	ME
Hillier	Todd	Bangor	ME
Hilt	Samantha	Union	ME
Hindley	Dillion	Freeport	ME
Hindley	Zachery	Freeport	ME
Hitte	Hannah-Nicole	West Warwick	RI
Hoak	Sarah	Veazie	ME
Hoare	Margaret	Pelham	NY
Hoatson	Faith	Toms River	NJ
Hockridge	Cady	Windsor	ME
Hoepner	Joshua	Damariscotta	ME
Hoey	Isaac	Searsmont	ME
Hofacker	Nicole	Greene	ME
Hoffman	Jennifer	Chagrin Falls	OH
Hoffman	William	Waterville	ME
Hogan	Paige	Wallingford	CT
Hogan	Sarah	Falmouth	ME
Holbrook	Sarah	Fort Fairfield	ME
Holden	Hannah	Belfast	ME
Holland	Elijah	Skowhegan	ME
Holland	Kevin	Carmel	ME
Holmsen	Erik	Oakland	ME
Holt	Gabrielle	Old Town	ME
Holzhauer	Naomi	Rockland	ME
Hooke	Hannah	Bangor	ME
Hooke	Steven	Bangor	ME
Hooper	Megan	Mercer	ME
Hoops	Sarah	Scarborough	ME
Horne	Joshua	Jay	ME

Horton	Camilla	North Yarmouth	ME	
Horton	Haley	Eliot	ME	
Houdeshell	Jordan	Ledyard	CT	
Houp	Lindsay	Brewer	ME	
Houp	Megan	Hampden	ME	
Houston	Emma	Kingfield	ME	
Howard	Kenneth	Greenville Jct	ME	
Howard	Tyler	Bath	ME	
Howe-Poteet	Dimitrje	Glenburn	ME	
Howell	Anne	Union	ME	
Howes	Lanie	Athens	ME	
Howlett	Brandon	Presque Isle	ME	
Howson	Maria	Orono	ME	
Hoyle	Audrey	Alfred	ME	
Huang	Zheng	Yuyao		China
Hubbard	Kennedy	Orono	ME	
Hubbard Blatt	Natasha	Elkins Park	PA	
Huber	Benjamin	Westborough	MA	
Hudgens	Miranda	Bangor	ME	
Hudson	Casey	Bangor	ME	
Huffor	Cheyenne	Whitinsville	MA	
Hull	Harold	Presque Isle	ME	
Hulst	Colin	Scarborough	ME	
Hummel	Victoria	Niederoesterreich		Austria
Hummes	Katie	Lewiston	ME	
Humphrey	Helen	Pownal	ME	
Hunt	Jamie	Portland	ME	
Hunter	Haley	Caribou	ME	

Hupper	Afton	Orono	ME	
Hurley	Michael	Sanford	ME	
Hurley	Nicole	Standish	ME	
Hurrell	Megan	Saco	ME	
Huston	Logan	Hampden	ME	
Huston	Nicholas	Woolwich	ME	
Hutchins	Kaine	Dixfield	ME	
Hutchinson	Britni	Turner	ME	
Hutchinson	Emma	Topsham	ME	
Hutchinson	Samantha	Turner	ME	
Iannazzi	Angelina	Hampden	ME	
Idelkope	David	Chesterfield	NH	
Illingworth	Emily	Eddington	ME	
Innes	Alexis	Biddeford	ME	
Introne	Alexander	Orono	ME	
Introne	Christopher	Orono	ME	
Ip	Brandon	Pembroke	MA	
Ireland	Matthew	Howland	ME	
Ireland	Nicole	Hampden	ME	
Irvine	Clara	Farmingdale	ME	
Isherwood	Hannah	Portland	ME	
Jackson	Teal	Brewer	ME	
Jacques	Daniel	Durham	ME	
Jacques	Michelle	Sanford	ME	
Jakubow	Nicole	New York	NY	
Jakubowski	Alex	Hydeville	VT	
James	Sarah Kate	York	ME	
Jamora	Diyyinah	Vancouver	BC	Canada
Jandreau	Darin	Madawaska	ME	

Janosco	Matthew	Greene	ME
Jarvis	Jenice	Presque Isle	ME
Jarvis	Kenedy	Presque Isle	ME
Jeffrey	Benjamin	Orrington	ME
Jeffrey	Clara	Orrington	ME
Jennings	Ryan	Orono	ME
Jeppson	Jamie	Durham	ME
Jevons	Krsna	Rensselaer	NY
Jiang	Hubert	San Francisco	CA
Jimenez	Alexandria	Montville	ME
Johnson	Bruce	Rochester	NY
Johnson	Cassandra	Warren	PA
Johnson	Deidre	Bangor	ME
Johnson	Jacob	Athens	ME
Johnson	Kayley	Freeport	ME
Johnson	Kirsten	San Diego	CA
Johnson	Maxwell	Gorham	ME
Johnson	Meredith	Portland	ME
Johnson	Morgan	Holden	ME
Johnson	Rachel	South Thomaston	ME
Johnston	Kasey	Lockport	NY
Joliat	Lauren	Brewer	ME
Jones	Andrew	Scarborough	ME
Jones	Charles	Cape Elizabeth	ME
Jones	Kaitlin	Norwalk	CT
Jones	Kayla	Wallingford	CT
Jones	Sheraton	Anaheim	CA
Jones	Tucker	Poland	ME

Jordan	Anna	Ellsworth	ME
Jordan	Samuel	Camden	ME
Josselyn	Christopher	Hope	ME
Joy	Amanda	Smithfield	ME
Joy	Gabriella	West Baldwin	ME
Joy	Jacob	Brewer	ME
Joy	Jarrold	Brewer	ME
Joyce	Lindsey	Cushing	ME
Judkins	Robert	Hampden	ME
Julian	Rebecca	Old Town	ME
Junkins	Hayley	Berwick	ME
Jurson	Courtney	Hodgdon	ME
Kaiser	Kelly	Indianapolis	IN
Kaiser	Lauren	Winthrop	ME
Kalagias	Katherine	Saco	ME
Kamorski	Laura	Levant	ME
Kaplan	Ariel	South Berwick	ME
Kaplan	Toni	South Berwick	ME
Karas	Hanna	Hope	ME
Karnas	Michael	Brewer	ME
Karpa	Jessica	Telford	PA
Karunasiri	Chaya	Caribou	ME
Kashkooli	Maryam	Bangor	ME
Kaspala	Adam	Surry	ME
Kavanah	Grace	Readfield	ME
Kay	John	Hingham	MA
Keating	Karissa	North Andover	MA
Keaton	Katherine	Caribou	ME
Keefner	Nicole	Great Barrington	MA

Keeley	Margaret	Readfield	ME	Germany
Kehoe	Kelsey	Wilder	VT	
Keilhofer	Laura maria	Zwiesel		
Keim	Loren	Dixfield	ME	
Keim	Summer	Dixfield	ME	
Kelley	Brian	Windham	ME	
Kelley	Molly	Appleton	ME	
Kelly	Madeline	Dover-Foxcroft	ME	
Kennedy	Alexander	Plaistow	NH	
Kennedy	Parker	Kingfield	ME	
Kenney	Tyler	Bangor	ME	
Kerbs	Caleb	Brooklyn	NY	
Kerner	Anastasia	Lancaster	PA	
Kerrigan	Hannah	Monmouth	ME	
Kerrigan	Kaitlyn	Monmouth	ME	
Kerrigan	Shannon	Litchfield	NH	
Kerschensteiner	David	Kennebunk	ME	
Kertesz	Zoli	Freedom	ME	
Kerwin	Jillian	Peabody	MA	
Kieffer	Ginger	Caribou	ME	
Kiffney	Grace	Portland	ME	
Kiidli	Taaniel	South Portland	ME	
Kilbride	Bradford	Falmouth	ME	
King	Courtney	Augusta	ME	
King	Katelyn	North Haverhill	NH	
King	Samantha	Fairfield	ME	
King	Sarah	Quincy	MA	
King	Walter	Peekskill	NY	

Kingston	Victoria	Bradford	ON	Canada
Kirbach	Anastasia	Veazie	ME	
Kirby	Allyson	Gray	ME	
Kirk	Katherine	Scarborough	ME	
Kleisinger	Shayla Rose	Winnipeg	MB	Canada
Klemperer	Matthew	Falmouth	ME	
Kluge-Edwards	Leona	Orono	ME	
Knight	Hannah	Dixfield	ME	
Knight	Lucas	Buxton	ME	
Knight-Vezina	Meredith	Tolland	CT	
Knott	Kaylin	Skowhegan	ME	
Kobrock	Emily	Gardiner	ME	
Koehler	Benjamin	Orono	ME	
Koenigsberg	Ava	Portland	ME	
Kohtala	Hope	Poland	ME	
Koizar	Sigrid	Vienna		Austria
Koller	Angus	Monmouth	ME	
Koller	Laura	Attnang-Puchheim		Austria
Kotkowski	Priscilla	Hope Valley	RI	
Kotosky	Thomas	Westborough	MA	
Kotze	Samantha	Bethlehem	PA	
Kowash	Christopher	Saco	ME	
Krasnow	Samantha	Islesford	ME	
Kreyssig	Stephannie	Milford	ME	
Kritzman	Gregory	Topsham	ME	
Kwiatkowski	Ashley	Londonderry	NH	
L'Italien	Nicholas	Enfield	ME	
Labbe	Meaghan	Saco	ME	
Laberge	Caleb	Old Town	ME	

Labonte	Christian	Lewiston	ME	Canada
Lacroix	Cedric	Shefford	QC	
LaCroix	Tamika	Solon	ME	
Ladd	Hannah	Somerville	ME	
Ladderbush	Emily	Lynn	MA	
Ladner	Justin	West Gardiner	ME	
Laggis	Alexandra	Fairfield	VT	
Lajoie	Conner	Yarmouth	ME	
LaJoie	Nicholas	Van Buren	ME	
Laliberte	Angeline	Jackson	ME	
Lallas	Whitney	Wells	ME	
Lamarche	Nicole	Bradford	ME	
Lamb	Trevor	Lowell	MA	
Lamb-Wotton	Lukas	Orono	ME	
Lambert	Jacqueline	Presque Isle	ME	
Lambrecht	Mark	Kittery Point	ME	
Lamontagne	Ciera	Arundel	ME	
Lamore	Amy	Monmouth	ME	
Lamoreau	Aaron	Bangor	ME	
Lamson	Andrew	Westbrook	ME	
Lancaster	Joseph	Scarborough	ME	
Landry	Cain	Saco	ME	
Landry	Samuel	Yarmouth	ME	
Landry	Seneca	Kennebunk	ME	
Landry	Taylor	Auburn	ME	
Lane	Evan	Old Town	ME	
Lane	Zachary	Portland	ME	
Lang	Tyler	Manchester	ME	

Langlais	Priscilla	Cranston	RI	Canada
Langtry	Jillian	Fort Frances	ON	
Lannon	Mackenzie	Sutton	MA	
LaPanne	Cody	East Weymouth	MA	
Laperle	John	Berlin	VT	
Lapham	Katrina	Belfast	ME	
Laplante	Eric	Van Buren	ME	
Laplante	Erica	Augusta	ME	
LaPlante	Rhiannon	Skowhegan	ME	
Laplante	Tyler	Bangor	ME	
LaPointe	Chantel	Saint Agatha	ME	
LaPointe	Evan	Minot	ME	
Largay	Rachel	Brewer	ME	
LaRose	Stefan	Cape Elizabeth	ME	
Larson	Michael	Marshfield	ME	
Laspina	Kate	Islip	NY	
Lataille	Sophia	Hampden	ME	
Lau	Jordan	Auburn	ME	
Lavallee	Kaitlyn	Cumberland	ME	
Lavigueur	Beatrix	Newport	RI	
Lavin	James	Waterville	ME	
Lavway	Ryan	Mapleton	ME	
Lawrence	Haley	Ellsworth	ME	
Lawrence	Russell	South Thomaston	ME	
Lawrence	Troy	Orono	ME	
Le	Hoang Anh	Hanoi		Viet Nam
Le	Tuan	Hanoi		Viet Nam
Leach	Madison	Easton	ME	
Leathers	Alex	Fairfield	ME	

Leavitt	Justin	Orono	ME	
Leavitt	Kate	Limestone	ME	
Lebel	Samuel	Winterport	ME	
LeBlanc	Forest	Oakland	ME	
Leclair	Joseph	Fairfield	ME	
Leclerc	Stephanie	Camden	ME	
Ledwith	Jordan	Norton	MA	
Lee	Andrew	East Waterboro	ME	
Lee	Jennifer	Framingham	MA	
Lee	Vanessa	Durham	ME	
LeFave	Sarah	Exeter	NH	
LeFevre	Kevin	Honeoye Falls	NY	
Leibisch	Jonas	Feuerscheid		Germany
Leighton	Aaron	Steuben	ME	
Leith	Francis	Orono	ME	
Lelio	Danielle	Lee	NH	
Leman	Ava	South Berwick	ME	
Lemin	Elizabeth	Bangor	ME	
Lemmler	Samantha	Medway	MA	
Lenentine	Taylor	Sidney	ME	
Lenfest	Eben	Smithfield	ME	
Leon Palmer	Noelle	Ajax	ON	Canada
Leonard	Erika	Rocky Hill	CT	
Lesko	Daniel	Farmington	ME	
Lessard	Katrina	Corinth	ME	
Letourneau	Adam	Old Town	ME	
Letourneau	Zebediah	Rochester	NH	
Lewis	Alyssa	Scarborough	ME	

Lewis	Edwin	West Newfield	ME
Li	MeiWa	Hartland	ME
Libby	Alyssa	Buxton	ME
Libby	Casey	Hollis Center	ME
Libby	Justin	Brunswick	ME
Libby	Stacey	New Gloucester	ME
Liberman	Kathryn	Old Town	ME
Lichtenberg	Ian	Lincoln	ME
Light	Melissa	Malden	MA
Lima	Kyle	Ellsworth	ME
Lindsay	Alexis	Orrington	ME
Lindsay	Benjamin	Scarborough	ME
Lindsley	Spencer	Bath	ME
Lindsley	Tessa	Bath	ME
Ling	Thomas	Bangor	ME
Little	Megan	Calais	ME
Little	Ruth-Ann	Glenburn	ME
Littlefield	Briana	Freedom	ME
Liu	Wenjing	Taian	China
Livingston	Blaine	Winterport	ME
Livingston	Grace	Veazie	ME
Lodge	Susan	Old Town	ME
Loftin	Lori	Lutz	FL
Loftis	Genaya	Waterford	CT
Logie	Devon	Linneus	ME
Lolmaugh	Meaghan	Minot	ME
Long	Amanda	Glenburn	ME
Longfellow	Steven	Farmingdale	ME
Look	Derek	Ellsworth	ME

Looney	Alanna	Norwood	MA
Lopes	Ryan	Waterville	ME
Lord	Rebecca	Gorham	ME
Loseby	Justin	White River Junction	VT
Lovejoy	Victoria	Augusta	ME
Lovely	Emmaline	Lebanon	ME
Lovley	Jamie	Owls Head	ME
Lowery	Jeanna	Cumberland Foreside	ME
Lowry	Heather	Alstead	NH
Lucas	Michael	Auburn	ME
Lucy	Colleen	Verona Island	ME
Luken	Hannah	West Gardiner	ME
Lunn	Johanna	Bangor	ME
Lunn	Nicholas	Houlton	ME
Luy	Sebastian	Standish	ME
Lynch	Heidi	Veazie	ME
Lynch	Marissa	Merrimack	NH
Lyons	Jared	Medway	ME
Lyons	Lila	Parsonsfield	ME
Lyons	Michael	New Gloucester	ME
MacDonald	Abigail	Yarmouth	ME
MacDonald	Davis	Westbrook	ME
MacIsaac	Megan	Milton	MA
Mackin-McLaughlin	Julia	Ambler	PA
MacLellan	Ian	Wareham	MA
MacMillan	Ben	Freeport	ME
Macura	Grace	Stoneham	MA
Madden	Kerry	Washington	ME

Magee	Sarah	Gilmanton	NH	
Magnusen	Jocelyn	Whitefield	ME	
Magnuson	Lauren	South Portland	ME	
Mahar	Rachael	Pembroke	ME	
Malfitano	Nicolette	Watertown	CT	
Mallar	Alana	Turner	ME	
Mallory	Andrew	Gales Ferry	CT	
Mallory	Kalli	Greenbush	ME	
Malloy	Brody	Pittsfield	ME	
Maloy	Maggie	Biddeford	ME	
Manandhar	Sony	Kathmandu		Nepal
Mancheva	Amanda	Sofia		Bulgaria
Manley	Hunter	Orono	ME	
Manners	Kristina	Ogunquit	ME	
Mantoni	Michael	Blackstone	MA	
Manzo	Katelyn	Etna	ME	
Marcotte	Jonathan	Bangor	ME	
Marean	Emily	Westbrook	ME	
Marks	Jacob	Bright's Grove	ON	Canada
Marley	Keenan	Harpswell	ME	
Marsh	Sarah	Cambridge	MA	
Marshall	Grace	New Dominion	PE	Canada
Marshall	Sarah	Scarborough	ME	
Marsters	Emily	Malvern	PA	
Martel	Marissa	Westbrook	ME	
Martin	Chad	Saint Albans	ME	
Martin	Elijah	Manassas	VA	
Martin	James	Orono	ME	
Martin	Karin	Sanford	ME	

Martin	Lauren	Bradley	ME
Martin	Mikaela	Georgetown	ME
Martin	Morgan	Bowdoin	ME
Martin	Paige	Bath	ME
Martin	Rachel	Bradley	ME
Martin	Teiga	Bremen	ME
Martineau	Adriana	Norridgewock	ME
Mason	Ashley	New Harbor	ME
Mason	Emma	Owls Head	ME
Mason	Rebecca	Dexter	ME
Masselli	Mackenzi	Portland	ME
Masters	Jaclyn	Auburn	ME
Masters-Schiller	Molly	New Gloucester	ME
Mathieu	Kirsten	Moscow	ME
Mathieu	Samantha	Oakland	ME
Matthews	Amanda	Ellsworth	ME
Mattor	Riley	Hollis Center	ME
Matusko	Rachel	Cape Elizabeth	ME
Maxwell	Harli	Lincoln	ME
Mayberry	Mikayla	Portland	ME
Mazjanis	Madeline	Portland	ME
McAvoy	Stephanie	Rochester	NY
McBride	Brandon	Eddington	ME
McCaffery	Bailey	Washington	ME
McCauley	Brandon	Brunswick	ME
McCullum	Jonathan	Hallowell	ME
McDermott	Justin	Bucksport	ME
McDonald	Catherine	Jonesport	ME

McDonald	Jamie	South Portland	ME
McDonnell	Shaun	Burlington	MA
McEachern	Cecelia	Ellsworth	ME
McEachern	Courtney	Medfield	MA
McEnery	William	Durham	ME
McFetters	Robyn	Barrington	RI
McGraw	James	Beverly	MA
McGuire	Jade	South China	ME
McGuire	Timothy	Taunton	MA
McKim	Keegan	Trenton	ME
McLaughlin	Benjamin	Manchester	ME
McLaughlin	Mark	Hampden	ME
McLellan	Nathan	Scarborough	ME
McMahon	Cameron	Wells	ME
McMahon	Katherine	Old Town	ME
McNally	Dana	Moose River	ME
McNamara	Luke	Eliot	ME
McNerney	Devon	Wilton	CT
McSwain	Arden	Edgecomb	ME
McWilliam	Madison	Webster	MA
McWilliams	Emma	Pittsfield	ME
Mealey	Meaghan	Manchester	NH
Medeiros	Edward	Rehoboth	MA
Meeker	Maude	Naples	ME
Melcher	Eloise	Bowdoin	ME
Melcher	Jack	Portland	ME
Melmed	Garvey	Greenbush	ME
Melochick	Michael	Hampden	ME
Menard	Mackenzie	South Attleboro	MA

Menard	Patrick	Wells	ME
Mensa	Ashley	Waterbury	CT
Menter	Alexander	Berwick	ME
Mercier	Erin	Augusta	ME
Merriam	Jamie	Harpswell	ME
Meserve	Kayla	Jay	ME
Messina	Nicholas	Derry	NH
Mestieri	Lindsay	Bangor	ME
Metcalf	Christina	West Baldwin	ME
Meunier	Patrick	Vassalboro	ME
Michaud	Andrew	Presque Isle	ME
Michaud	Haley	Orono	ME
Michaud	Haley	Topsham	ME
Michaud	Matthew	Greenwood	ME
Michel	Adam	Biddeford	ME
Mickiewicz	Jackman	South Portland	ME
Mildrum	Samuel	Falmouth	ME
Miller	Cassandra	Pittsfield	ME
Miller	Forrest	Holden	ME
Miller	Ian	Winterport	ME
Miller	James	East Bridgewater	MA
Miller	Katherine	Rockwood	ME
Miller	Michelle	Bangor	ME
Miller	Nicole	Hudson	MA
Millett	Robert	Damariscotta	ME
Mills	Emily	Holden	ME
Milner	Carrie	Lincolnville	ME
Milton	Michaela	Greenbush	ME

Mininni	Anna	Biddeford	ME
Misner	Nicole	Tampa	FL
Mitchell	Jeffrey	Bangor	ME
Mitchell	Mikayla	Brewer	ME
Mitchell	Scott	Haymarket	VA
Mitman	Ivy	Strong	ME
Mitsue Yamashita	Flavia	New York	NY
Molt	Logan	Damariscotta	ME
Mondene	Olivia	Eliot	ME
Mondor	Amber	Biddeford	ME
Moon	Kelsey	Simsbury	CT
Mooney	Alexandria	Millinocket	ME
Moore	Joseph	Bangor	ME
Moore	Nathan	Patten	ME
Moore	Robert	Cumberland Center	ME
Moore	Samantha	Brunswick	ME
Moran	Andrew	Randolph	ME
Moran	Haleigh	Sidney	ME
Moran	Lindsey	Orono	ME
Morancy	Hunter	Wilder	VT
Moreshead	Molly	Holden	ME
Morey	Megan	Chichester	NH
Morgan	Andrew	Old Town	ME
Morgan	Annie	Orono	ME
Morgan	Cara	Exeter	ME
Moriarty	Jannell	South Berwick	ME
Moriarty	Kaitlyn	Old Town	ME
Morin	Blaine	Sanford	ME
Morin	Megan	Hampden	ME

Morin	Trevor	Scarborough	ME	
Morin	Tyler	South Paris	ME	
Morrill	Coulter	Gainesville	VA	
Morrill	Jake	Bangor	ME	
Morris	Alexandra	East Walpole	MA	
Morris	Lindsay	Fairfield	ME	
Morris	Matthew	Veazie	ME	
Morris	Samuel	Yarmouth	ME	
Morrison	Eric	York	ME	
Moser	Andrew	Bensalem	PA	
Mosky	Ella	Victoria	BC	Canada
Mower	Kirstie	Dexter	ME	
Mudasumbwa	Julie	Westbrook	ME	
Mullen	Tara	Nottingham	NH	
Mullis	Sarah	Corinna	ME	
Mulumba	Christophe	Laval	QC	Canada
Munson	Julianne	Branford	CT	
Murchison	Samantha	Caribou	ME	
Murphy	Christopher	Kingfield	ME	
Murphy	Eileen	Weymouth	MA	
Murphy	Kathleen	Bass Harbor	ME	
Murray	Lydia	Sault Ste Marie	ON	Canada
Murray	Matthew	Milford	ME	
Murray	Michaela	Bar Harbor	ME	
Murray	Theresa	Burlington	MA	
Murray	Thomas	Bangor	ME	
Muse	Christina	Wells	ME	
Myhaver	Casey	Gray	ME	

Nadeau-Carney	Vie	Biddeford	ME	
Naisbitt	Landere	Blue Hill	ME	
Naranja	Antonio	Fort Kent	ME	
Nardello	Marisa	Wolfeboro	NH	
Nardone	Samantha	Fryeburg	ME	
Nash	William	Falmouth	ME	
Nason	Erin	Ellsworth	ME	
Nazar	Eleanor	Readfield	ME	
Ndaruhutse	Bienvenu	Orono	ME	
Neal	Jacob	Aurora	ME	
Nelson	Benjamin	Hampden	ME	
Nelson-Lee	Meryl	Jamestown	RI	
Nerney	Jocelyn	Londonderry	NH	
Netherton	Haley	Fishers	IN	
Newcomb	David	Eatontown	NJ	
Newcomb	Jesse	Norway	ME	
Newcombe	Erica	Lincoln	MA	
Newman	Michael	Ellsworth	ME	
Newton	Douglas	Marshfield	MA	
Nguyen	Duc	Ho Chi Minh City		Viet Nam
Nguyen	Han	Old Town	ME	
Nichols	Emma	Lewiston	ME	
Nichols	Michael	Lamoine	ME	
Nicholson	Shannon	Cape Elizabeth	ME	
Nickerson	Brittney	Dedham	ME	
Nickerson	Hannah	Holden	ME	
Nicklas	Haley	Plymouth	MA	
Nicolo	Laura	Lebanon	ME	
Nida-Eldridge	Mikaela	New Sharon	ME	

Nightingale	Mallory	Ellsworth	ME	Canada
Noble	Michael	Kittery	ME	
Noel	Holly	Uxbridge	MA	
Nolan	Andrew	New Rochelle	NY	
Nolette	Victoria	Readfield	ME	
Noll	Hannah	South Portland	ME	
Noonan	Allison	Mount Desert	ME	
Noonan	Hannah	Portland	ME	
Norman	Courtney	Pointe Claire	QC	
Norman	Justin	Sanford	ME	
Norris	Braydon	Holden	ME	
Nosel	Elise	Gouldsboro	ME	
Nyzio	Kayla	North Scituate	RI	
O'Beirne	Maeve	Sudbury	MA	
O'Connor	Grayson	Yarmouth	ME	
O'Connor	Gregory	South China	ME	
O'Connor	James	Berwick	ME	
O'Driscoll	Kathleen	Marshfield	MA	
O'Keefe	Tyler	Fryeburg	ME	
O'Malley	Sarah	Belmont	MA	
O'Neil	James	Orono	ME	
O'Neil	Nicole	South Berwick	ME	
O'Neil	Shannon	Milan	NH	
O'Toole	Kathleen	Kennebunk	ME	
Oakes	Amber	Levant	ME	
Oakes	Nichole	Frenchville	ME	
Oakley	Sarah	South Berwick	ME	
Oberholtzer	Matthew	Cape Elizabeth	ME	

Oettinger	Brittany	Winterport	ME	
Ogden	Katrina	Attleboro	MA	
Ogden	Megan	Bristol	VT	
Ohland	Lila	Camden	ME	
Oleson	Ashley	Ellsworth	ME	
Olivari	Meredith	Castine	ME	
Oliveira	Ryan	Dayton	ME	
Ollhoff	Stephanie	Niantic	CT	
Olsen	Anna	Pittsfield	ME	
Olver	Thomas	Winterport	ME	
Ordway	Abigail	New Gloucester	ME	
Orrell	Jordan	North Oxford	MA	
Orsini	Leah	Raymond	ME	
Orsini	Seraphina	South Berwick	ME	
Ortiz	Aaron	Orrington	ME	
Osborne	Jake	Burlington	ON	Canada
Ouellette	Brian	Winslow	ME	
Ouellette	Cameron	Orono	ME	
Ouellette	Taylor	Turner	ME	
Outman	Susan	Monroe	ME	
Ovington	Alexis	Kittery	ME	
Ozog	James	Bangor	ME	
Pacent	John	Cumberland Foreside	ME	
Palmer	Jacqueline	Bangor	ME	
Palmer	Madeline	Scarborough	ME	
Pandey	Sujita	Kathmandu		Nepal
Paradis	Josiah	Belgrade	ME	
Pardoe	Jessica	Hermon	ME	
Parent	Jared	Brunswick	ME	

Parent	John	Old Town	ME
Paris	Jonah	Falmouth	ME
Parker	Abby	Orono	ME
Parr	Michael	Dedham	MA
Pasquarella	Margaret	New Milford	CT
Patel	Nisha	Sanford	ME
Patnaude	Joshua	Sanford	ME
Patterson	Delan	Abbot	ME
Paul	Jenna	Arundel	ME
Pawlicki	Anthony	Buffalo Grove	IL
Paye	Laura	Westfield	MA
Peacock	Mackenzie	Weare	NH
Pease	Ryan	Conway	MA
Pease	Zachary	York	ME
Peck	Ray	Orrington	ME
Pedersen	Cory	Whitefield	ME
Peerson	Cole	Amesbury	MA
Pellerin	Emily	Oakland	ME
Pellerin	Morgan	Waterville	ME
Pelletier	Briar	Orono	ME
Pelletier	Danielle	Fort Kent	ME
Pelletier	Kali	Ashland	ME
Pelletier	Samantha	Saint David	ME
Pelosi	Joya	East Greenwich	RI
Peltier	Jayson	Plymouth	MA
Pelto	Jillian	Old Town	ME
Pendleton	Victoria	Hudson	ME
Peng	Yi	Old Town	ME

Pennington	Olivia	Waldoboro	ME
Peralta	Gabriela	Woolwich	ME
Perez	Cristina	Milbridge	ME
Perez	Jessica	Granada Hills	CA
Pergerson	Alexandra	South Berwick	ME
Perigo	Zachary	Sanford	ME
Perkins	Sarah	Merrimack	NH
Perley	Sarah	Carmel	ME
Perron	Kaelina	Auburn	ME
Perruzzi	Mica	Southwest Harbor	ME
Perry	Abigail	Silver Ridge Twp	ME
Perry	Daniel	Keller	TX
Perry	Danielle	Freeport	ME
Perry	Kathleen	Bow	NH
Perry	Nathan	Eddington	ME
Perry	Sean	Portland	ME
Personeni	Sarah	South Berwick	ME
Peterson	Anthony	Eliot	ME
Pfeffer	Nathan	Freeport	ME
Phillips	Mataquess	Waterbury	CT
Phinney	Andrew	Lincoln	ME
Pickup-Diligenti	Athena	Bethesda	MD
Pierce	Margaret	Hermon	ME
Pierce	Samuel	Portland	ME
Pietraszewski	Robert	Sidney	ME
Pike	Kendall	Saco	ME
Pike	Megan	Brewer	ME
Pilon	Courtney	West Springfield	MA
Pina	Jason	Old Town	ME

Pines	Molly	Woodbridge	CT
Pinette	Ian	Litchfield	ME
Pingree	Nigel	East Machias	ME
Pinnette	Nicole	Waterville	ME
Piper	Kathryn	Manchester	MD
Pitas	Ryan	Westbrook	ME
Plourde	Adya	Eliot	ME
Plourde	Matthew	Gardiner	ME
Plourde	Megan	Turner	ME
Plourde	Reanna	Caribou	ME
Pohlman	Jason	Bangor	ME
Poirier	Justin	Plainville	MA
Poissonnier	Ethan	Norridgewock	ME
Poissonnier	Taylor	Sidney	ME
Poli	Taylor	Waldoboro	ME
Poliquin	Chandra	Old Town	ME
Pominova	Mariya	Bedford	MA
Poratti	Samantha	Essex Junction	VT
Portante	Ariana	Brewster	NY
Porter	Eliza	Cumberland Center	ME
Porter	Gianna	Whiting	ME
Porter	Katelyn	Holden	ME
Poston	Haley	Topsham	ME
Potts	Robert	Orono	ME
Potvin	Matthew	Brewer	ME
Poulin	Gabrielle	Auburn	ME
Poulin	James	South China	ME
Poulin	Sarah	South China	ME

Pouliot	Grace	South Berwick	ME
Pourreyron	Meo	Topsham	ME
Poussard	Cameron	Lewiston	ME
Powell	Christopher	Bucksport	ME
Powell	Richard	Bangor	ME
Powers	Lauren	Greenwich	CT
Powers	Scott	Verona Island	ME
Pratt	Jamie	Barrington	NH
Praul	Andrea	Sun Prairie	WI
Preble	Lucas	Jay	ME
Preble	Rachel	Safety Harbor	FL
Prentiss	Briann	Skowhegan	ME
Prescott	Katherine	Houlton	ME
Prest	Jacob	West Roxbury	MA
Price	Karlee	Winslow	ME
Price	Timothy	Kennebunk	ME
Pride	Kathleen	Scarborough	ME
Proctor	James	Wilton	NH
Proctor	Jasmine	Lisbon Falls	ME
Proia	Anthony	Dracut	MA
Protheroe	Emily	South Thomaston	ME
Proulx	Rachael	Hermon	ME
Pulver	Jeffrey	Vassalboro	ME
Pumphret	Megan	Shrewsbury	MA
Purgiel	Andrew	South Berwick	ME
Quintal	Zachary	Eliot	ME
Quirion	Lindsey	Hallowell	ME
Racine	Stephen	Auburn	MA
Rackley	Kayla	Eliot	ME

Radovic	Rebecca	Lincoln	ME	
Rahman	Auyon	Dhaka		Bangladesh
Rahmatullah	Waleed	Waterville	ME	
Ramazanova	Alina	Tashkent		Uzbekistan
Ramirez	Briel	Boston	MA	
Rancourt	Michael	Bangor	ME	
Rancourt	Olivia	Augusta	ME	
Rand	Colby	Orrington	ME	
Randall	Kye	Barton	VT	
Randall	Sean	Portland	ME	
Rando	Dean	Danvers	MA	
Rankin	Fiona	Braintree		United Kingdom
Ransom	Noah	Windham	ME	
Ranwell	Daisy	Andover	MA	
Rashed	Sarah	Wells	ME	
Raugh	Ian	Laurel	MD	
Raymond	Cameron	Lewiston	ME	
Raymond	Garrett	Gorham	ME	
Raymond	Kendra	Fort Kent Mills	ME	
Raymond	Kristi	Bangor	ME	
Raymond	Seth	Prospect	ME	
Re	Bridget	Pittsburgh	PA	
Reddington	John	Milton	MA	
Redmon	Morgan	West Bath	ME	
Redmond	Jillian	Skowhegan	ME	
Reese	Kelsey	Columbia Falls	MT	
Reeves	Nathan	Orono	ME	
Reichel	Kent	Hampden	ME	

Reichel	Kristina	Hampden	ME	
Remillard	Alyssa	Falmouth	ME	
Renfro	Brian	Hartland	VT	
Rennels	Mitchell	Medina	OH	
Reno	Emma	Brunswick	ME	
Reppond	Alexander	Saco	ME	
Reuter	Dana	Hofheim		Germany
Rex	Brian	Gorham	ME	
Reynolds	Catherine	Dunstable	MA	
Reynolds	Christine	Portland	ME	
Reynolds	Connor	Newburyport	MA	
Ribeiro Rafael	Janaina	New York	NY	
Rice	Lauren	Harpswell	ME	
Rich	Emma	Arlington	MA	
Richard	Anna	Wareham	MA	
Richards	Audra	Saint Paul	MN	
Richards	Kirsten	Trenton	ME	
Richards	Scott	Old Town	ME	
Richardson	Julia	Windham	ME	
Richardson	Taylor	Brewer	ME	
Richford	Emma	Old Town	ME	
Richmond	Paul-Jacob	Randolph	ME	
Rickards	Andrea	Hampden	ME	
Rideout	Faith	Oxford	ME	
Rider	Julia	Brunswick	ME	
Ridge	Ethan	Gray	ME	
Ridley	Kendra	Ottawa	ON	Canada
Riedl	Elizabeth	Port Moody	BC	Canada
Riemersma	Corey	Orono	ME	

Riendeau	Chelsey	Newcastle	ME
Ripley	Shawn	Greenbush	ME
Ritland	Anna	Dexter	ME
Ritter	Tyler	Jay	ME
Rizzini	Alexander	Bristol	RI
Roach	Alec	Danvers	MA
Roach	Haleigh	Cumberland Center	ME
Roach	Julie	Old Town	ME
Roach	Taylor	Cumberland Center	ME
Robbins	Mallory	Waldoboro	ME
Robe	James	Waterville	ME
Rober	Michael	Concord	MA
Roberts	Alexander	Randolph	ME
Roberts	Andrew	Randolph	ME
Roberts	Miranda	Hermon	ME
Roberts	Nicholas	Arundel	ME
Robey	Richard	Old Town	ME
Robinson	Dylan	Brunswick	ME
Robinson	Emily	Lincoln	ME
Robinson	Garrett	Eliot	ME
Robinson	Kaleb	Thomaston	ME
Robinson	Malik	Bangor	ME
Robison	Alexander	Falmouth	ME
Robitaille	Melanie	Jay	ME
Robles	Leigh	Littleton	CO
Robson	Coady	Milford	ME
Rocha	Timothy	Kensington	NH
Rocheleau	Daniel	Saint Albans	VT

Rochester	Ariel	Kittery	ME
Rodas	Darissa	North Providence	RI
Roderick	Alexandra	Brunswick	ME
Roderick	Christopher	Orono	ME
Rodionov	Alexander	Bangor	ME
Rodrigue	Chelsea	Sanford	ME
Rodrigue	Taylor	Manchester	CT
Roerden	Thomas	Norton	MA
Rogers	Andrew	Colchester	VT
Rogers	Linnea	Lamoine	ME
Rogers	Zachary	Hermon	ME
Roland	Elin	Portland	ME
Roldan	Fernando	Hartford	CT
Rollins	Jonathan	Old Town	ME
Romano	Kartika	Lisbon Falls	ME
Romanoski	Reilly	Strong	ME
Romeo	Daniela	Collinsville	CT
Romero	Daniel	Winchendon	MA
Rondeau	David	West Springfield	MA
Roney	Ethan	Freeport	ME
Rose	Amanda	Milford	ME
Ross	Christina	Cape Elizabeth	ME
Ross	Claire	Auburn	ME
Ross	Lydia-Rose	Holden	ME
Ross	Natalie	Standish	ME
Rossignol	Parise	Van Buren	ME
Rossin	Ashley	Overland Park	KS
Rothweiler	Grant	Falmouth	ME
Rovito	Elizabeth	Orono	ME

Rowe	Jamie	Scarborough	ME
Rowley	Amber	Howland	ME
Rowley	Christopher	Porter	ME
Roy	Dayna	North Andover	MA
Roy	Jaime	Orrington	ME
Roy	Jonathan	Frenchville	ME
Roy	Patrick	Elkridge	MD
Roy	Taylor	Holden	ME
Roy	Victoria	Bangor	ME
Royle	Meghan	Colts Neck	NJ
Rudolph	Jena	Bangor	ME
Ruel	Zachary	Sidney	ME
Ruess	Maj	Nevada City	CA
Ruhlin	Olivia	Cornish	ME
Rumsey	Mathew	Waterville	ME
Russell	Hannah	Georgetown	ME
Ruthven	Olivia	Smithfield	RI
Ryan	Carolyn	Melrose	MA
Ryan	Erik	Ludlow	ME
Ryan	Olivia	Portland	ME
Rybka	Krystyna	North Yarmouth	ME
Rybka	Ryan	North Yarmouth	ME
Sabol	Victoria	Falmouth	ME
Sacks	Stephen	Palmyra	ME
Sailor	Stephanie	Orono	ME
Salamone	Thomas	South Portland	ME
Salevsky	Jaclyn	South Portland	ME
Salley	Alexa	Hermon	ME

Salzberg	Benjamin	Milford	ME	
Sampson	Evan	Portland	ME	
Samson	Amy	Waterville	ME	
Samsonova	Evgeniia	Naberezhnye Chelny		Russian Federation
Sanborn	Madeline	North Waterboro	ME	
Santos	James	Dighton	MA	
Sargent	Emily	Camden	ME	
Sargent	Laura	Brewer	ME	
Saucier	Samantha	Saco	ME	
Sauer	Madison	Norwich	CT	
Savage	Sierra	Winslow	ME	
Savoy	Joshua	Liberty	ME	
Sawyer	Madison	Orland	ME	
Scarlett	Shannon	Bangor	ME	
Schaff	Benjamin	Oakland	ME	
Schanck	Andrew	Pittsfield	ME	
Schanck	Morgan	Orono	ME	
Schlabig	Daniel	Bangor	ME	
Schmitt	Amy	Concord	NH	
Schnee	Julia	Rome	ME	
Schneider	Adeline	Bowdoinham	ME	
Schneider	Lydia	Bowdoinham	ME	
Schneier	Joshua	Kittery	ME	
Schnorr	Ming Feng	Dixfield	ME	
Schrader	Derrek	Bridgton	ME	
Schrader	Joseph	Denmark	ME	
Schrader	Mark	Denmark	ME	
Schrecengost	Alyx	Hackettstown	NJ	
Schreiber	Elizabeth	Naples	ME	

Schuman	Rebecca	Topsham	ME
Scott	Jessica	Winthrop	ME
Scott	Ryan	Belgrade	ME
Scott	Sidney	Hampton	NH
Scully	Allison	Waterville	ME
Searles	Jacob	Old Town	ME
Sears	Stephanie	Bristol	CT
Sebbane	Isabel	Maplewood	NJ
SeeHusen	Kaitlyn	Gorham	ME
Seekins	John	Belfast	ME
Seeley	Kassidy	Jonesboro	ME
Segee	Samuel	Old Town	ME
Selengbe	Viany	Lewiston	ME
Selwood	Lauren	Winthrop	ME
Sementelli	Anthony	Fairfield	ME
Seneres	Kent	Saco	ME
Seney	Sydney	Egg Harbor City	NJ
Sennick	Abigail	New Sharon	ME
Sepanek	Robert	Vienna	ME
Serbent	Todd	Waterville	ME
Sereyko	Kasha	Lowell	ME
Sevey	Nicole	Skowhegan	ME
Sewell	Erica	Eliot	ME
Seymour	Carly	Orrington	ME
Seymour	Jason	Bangor	ME
Shackett	Sydney	Sidney	ME
Shamlian	Lilly	Stoneham	MA
Shaughnessy	Abigale	Enfield	CT

Shaw	Benjamin	Falmouth	ME
Shaw	Connor	Presque Isle	ME
Shaw	Leigh	Pittston	ME
Shaw	Marissa	Plymouth	ME
Shaw	Morgan	Turner	ME
Shea	Ian	Brownfield	ME
Shea	Michael	Biddeford	ME
Sheehan	Bailey	Yarmouth	ME
Shepherd	Bradley	Farmingdale	ME
Shepherd	Samuel	Hallowell	ME
Sherman	Hannah	Hodgdon	ME
Sherwood	Talia	Topsfield	MA
Shultz	Nathan	Oxford	MA
Shuman	Amanda	Cicero	NY
Shuman	Megan	Bangor	ME
Sibley	Ethan	Lincoln	ME
Silke	Angela	Dixmont	ME
Sillsby	Alexandria	Kittery Point	ME
Silton	Shayna	Westford	MA
Silver	Ilana	Bangor	ME
Silver	Nicholas	Wade	ME
Silverbrand	Samantha	Buzzards Bay	MA
Simmons	Brittany	Veazie	ME
Simonovich	Jason	Dallas	PA
Simonsen	Jeremiah	Orono	ME
Simpson	Elliott	Winterport	ME
Simpson	Taylor	Bangor	ME
Sirois	Emilee	Caribou	ME
Sirois	Hannah	Kennebunk	ME

Sirois	Jonathan	Hermon	ME
Sirois	Rachel	Winslow	ME
Sizeler-Fletcher	Asher	Montville	ME
Skillern	Ryan	Naples	ME
Slavin	Daniel	Scarborough	ME
Smaha	Sarah	Portland	ME
Small	Amanda	Swanville	ME
Small	Joel	Brewer	ME
Small	Katherine	Bangor	ME
Small	Stanley	Hampden	ME
Small	Victoria	Gorham	ME
Smart	Connor	Lincoln	ME
Smiddy	Winston	Wiscasset	ME
Smith	Anneliese	Bethel	ME
Smith	Baylee	Hermon	ME
Smith	Benjamin	Old Town	ME
Smith	Brendan	Hudson	NH
Smith	Christopher	Lincolnville	ME
Smith	Elena	South China	ME
Smith	Erin	Bangor	ME
Smith	Gabriel	Winslow	ME
Smith	Gabrielle	Mechanic Falls	ME
Smith	Grayson	Brunswick	ME
Smith	Jordan	Gouldsboro	ME
Smith	Lindsey	Gorham	ME
Smith	Madeline	Denmark	ME
Smith	Megan	Cumberland Foreside	ME
Smith	Megan	Bucksport	ME

Smith	Reagan	Holden	ME	Germany
Smyth	Alexandra	Chepachet	RI	
Snedeker	Brianna	Richmond	ME	
So	Darro	Portland	ME	
Soden	Megan	Sangerville	ME	
Sol	Jacob	Livermore	ME	
Sollberger	Cory	Berwick	ME	
Sone	Bronte	Orono	ME	
Soohey	Robert	Whitefield	ME	
Soohey	Stephen	Whitefield	ME	
Southard	Matthew	Gorham	ME	
Southworth	Kailey	Pawtucket	RI	
Souza Cunha	Ana Eliza	Orono	ME	
Spalding	James	Milford	NH	
Spaulding	Jacob	Brewer	ME	
Speed	Heather	Corinth	ME	
Spencer	David	Chevy Chase	MD	
Spencer	Gretchen	Hermon	ME	
Spencer	Kristen	Scarborough	ME	
Spezia	Anne	Eliot	ME	
Spicer	Preston	Preston	CT	
Spike	Cole	Portland	ME	
Spitzfaden	Anna	Roschbach		
St Jean	Jocelyn	Stillwater	ME	
St John	Ashley	Raymond	NH	
St Laurent	Mikaela	Monmouth	ME	
St Peter	Christopher	Glenburn	ME	
St Pierre	Emily	Caswell	ME	
St-Pierre	Danielle	Essex Junction	VT	

Stahl	Nicholas	Bangor	ME	
Stanley	Sarah	Southwest Harbor	ME	
Stanton	Paden	Woolwich	ME	
Stanton	Rebecca	Plymouth	MA	
Stanwood	Zachary	Bangor	ME	
Stark	Samuel	Falmouth	ME	
Steele	Cassandra	Windham	ME	
Stephens	Kendra	Woodland	ME	
Stevens	Cody	Oakland	ME	
Stevens	Emily	Hampden	ME	
Steward	Andrea	Old Town	ME	
Steward	Austin	Colebrook	NH	
Stewart	Chandler	Bangor	ME	
Stewart	Harold	Presque Isle	ME	
Stewart	Laura	Formby		United Kingdom
Stewart	Matthew	Hooksett	NH	
Stiles	Hattie	Eliot	ME	
Stillman	Dylan	Bar Harbor	ME	
Stinson	Katrina	Bangor	ME	
Stinson	McKinley	Brunswick	ME	
Stinson	Micheal	Bath	ME	
Stockford	Griffin	Bowdoinham	ME	
Stocks	Kristy-Ann	Duncraig		Australia
Stohlberg	Anthony	Center Barnstead	NH	
Stojiljkovic	Ilija	Nis		Republic of Serbia
Stokes	Liam	Augusta	ME	
Stone	Jessica	Gilmanton Iron Works	NH	
Strickland	Meaghan	Saco	ME	

Stuart	Shannon	Standish	ME	
Studwell	Evan	Brunswick	ME	
Sturdevant	Taylor	Eliot	ME	
Sturrock	Erica	Brewer	ME	
Stutzman	Jacob	Harmony	ME	
Sullivan	Fawn	Hermon	ME	
Sullivan	John	Scarborough	ME	
Sullivan	Matthew	North Andover	MA	
Sult	Charles	Lisbon Falls	ME	
Sun	Jingyi	Walpole	ME	
Supp	Michael	Perkasie	PA	
Sutton	Shannon	Raymond	ME	
Sutton	Tanesha	Philadelphia	PA	
Swan	Isabella	Kaysville	UT	
Swant	Lauren	Oakville	ON	Canada
Sweeney	Isaac	Springvale	ME	
Swimm	Olivia	Fayette	ME	
Sykes	Myles	Sandwich	MA	
Sylvester	Shaun	Bangor	ME	
Talbot	Matthew	East Machias	ME	
Tan	Shuai Ni	Changsha		China
Tandy	Marisa	Brewer	ME	
Tanous	Derrick	East Millinocket	ME	
Tapley	Chase	Lewiston	ME	
Taplin	Eliza	North Yarmouth	ME	
Taplin	Matthew	Gray	ME	
Tardif	Kelsie	Frenchville	ME	
Taylor	Alec	South Berwick	ME	
Taylor	Lindsay	Rockport	ME	

Taylor	Lucas	South Berwick	ME
Taylor	Zachary	Portland	ME
Teed	Alexis	Boxford	MA
Tefft	Mackenzie	Surry	ME
Terwilliger	David	Cape Elizabeth	ME
Theriault	Kathryn	Hampstead	NH
Theriault	Lindsay	Minot	ME
Theriault	Monique	Howland	ME
Theriault	Zachary	Cumberland Center	ME
Thibault	Ethan	Colchester	VT
Thibault	Jaymi	Lewiston	ME
Thibodeau	Elsa	Stockholm	ME
Thibodeau	Kristen	Hampden	ME
Thibodeau	Nicholas	Old Town	ME
Thoman	Todd	Spring Grove	PA
Thomas	Brent	Dover Foxcroft	ME
Thomas	Derek	Houlton	ME
Thomas	Jin Sun	Caribou	ME
Thomas	Timothy	Bangor	ME
Thompson	Allison	Bangor	ME
Thorne	Haley	Steep Falls	ME
Threeton	Kendra	South Berwick	ME
Throckmorton-Hansford	Phoenix	Somerville	ME
Thurlow	Wade	howland	ME
Tibbetts	Siera	Litchfield	ME
Tidd	Morgan	Eddington	ME
Tiemann	Rosa	Ellsworth	ME
Tierney	Kylie	Brunswick	ME

Tinsman	Ashley	Cape Elizabeth	ME
Tisdale	Welles	Bangor	ME
Tooher	William	Topsham	ME
Toothaker	Alec	Ellsworth	ME
Toothaker	Sareena	Orono	ME
Toothaker	Stephanie	Carmel	ME
Toothaker	Zandalee	Orono	ME
Topel	Avery	Windham	ME
Topor	Zachary	Ellington	CT
Toppin	Haley	Columbia Falls	ME
Torrey	Brandon	Columbia	ME
Torrey	Meredith	Blue Hill	ME
Toth	Emma	Sandown	NH
Towle	Brittany	Glenburn	ME
Townsend	Kaitlyn	Livermore	ME
Townsend	Michael	Hampden	ME
Tracy	Cole	Standish	ME
Tracy	Samantha	Farmington	ME
Trask	Nathaniel	Vassalboro	ME
Travis	Emily	Orrington	ME
Traxler	Spencer	Newburyport	MA
Treadwell	Sarah	Carmel	ME
Triandafillou	Laura	Orono	ME
Triebwasser	Ginger	West Haven	CT
Triglione	Michael	Bridgton	ME
Trussell	Zoie	Old Town	ME
Trzilova	Dominika	Usti nad Labem	Czech Republic
Tuano	Ryan	South Berwick	ME
Turcotte	Samantha	Cornville	ME

Turcotte	Tyler	Wales	ME	
Turmel	Nicole	Hermon	ME	
Turnbull	Brittney	Oxford	ME	
Turner	Emily	Charleston	ME	
Turner	Holden	Easton	ME	
Turner	Nicholas	Brewer	ME	
Turner	Rebecca	Bedford	NH	
Turner	Sean	Hollis Center	ME	
Tuths	Philip	Medfield	MA	
Tuttle	Jill	South Portland	ME	
Twist	Jill	Belgrade	ME	
Upton	Bryanna	Northborough	MA	
Urquhart	Alyssa	Alna	ME	
Uteuova	Aliya	Astana		Kazakhstan
Uwaechia	Bryan	Auburn	ME	
Vadeboncoeur	Meghan	New Gloucester	ME	
Vaidya	Nipun	Kathmandu		Nepal
Vaillancourt	Sarah	Milford	ME	
Valliere	Gerard	Chicopee	MA	
Vallotton	Jessica	Glenboro	MB	Canada
van der Schaaf	Jane	Union	ME	
Van Goffrier	Graham	Norwell	MA	
Van Kirk	Tyler	Canton	CT	
VanSchalkwyk	Andrew	Londonderry	NH	
Vaudreuil	Haley	Orono	ME	
Vaughn	Daniel	Andover	ME	
Vear	Aysha	Winslow	ME	
Venema	Taylor	Everett	WA	

Ventrella	Kathryn	Jay	ME	
Ventura	Katrina	Falmouth	ME	
Verrill	Caroline	New Gloucester	ME	
Verrill	Timothy	Carmel	ME	
Vertullo	Louis	Medway	MA	
Verzoni	Anthony	Scarborough	ME	
Vezina	Mitchell	Springvale	ME	
Viana da Silva	Thiago	New York	NY	
Vibert	Olivia	Unionville	CT	
Vicnaire	Abigail	Dedham	ME	
Viekman	Joshua	Dixmont	ME	
Vigue	Derek	Augusta	ME	
Vincent	Travis	Bowenbank	ME	
Vincze	Sarah	Vernon Rockville	CT	
Violette	Emelynn	Milford	ME	
Violette	Leanne	Bangor	ME	
Vo	Duy	Manchester	ME	
Voisine	Jeremy	Fort Kent	ME	
Voisine	Kara	Corinth	ME	
Waddell	Evan	Presque Isle	ME	
Wade	Jessica	Hermon	ME	
Wagner	Nelly	Lorsch		Germany
Waible	Stephen	Nashua	NH	
Waite	Sierra	Wytopitlock	ME	
Wakeland	Linley	Dedham	ME	
Walden	Benjamin	Reading	MA	
Walden	Judson	Greenville	ME	
Walker	Dean	Caribou	ME	
Walker	Rilee	Hampden	ME	

Wallace	Ivy	Lamoine	ME	
Wallace	Olivia	Bangor	ME	
Wallace	Rowan	Sebago	ME	
Wallace	Sophie	Auburn	ME	
Wallace	Tamra	Thomaston	ME	
Walls	Samuel	Hampden	ME	
Walsh	Allan	Oakland	ME	
Walsh	Brianna	Kennebunkport	ME	
Walsh	Connor	Milton	MA	
Walton	Benjamin	Ellsworth	ME	
Wan	Teng	Ningho		China
Wang	Luke	Moers		Germany
Ward	Austin	Lovell	ME	
Ward	Jared	Westborough	MA	
Warmuth	Gregory	Brewer	ME	
Warner	Wesley	Cape Neddick	ME	
Warner-Evans	Hilary	West Bath	ME	
Waterman	Benjamin	Yarmouth	ME	
Waterman	Madison	Eliot	ME	
Waterman	Timothy	Biddeford	ME	
Watson	Olivia	Topsham	ME	
Watson	Robert	Fort Fairfield	ME	
Watson	Valerie	Randolph	MA	
Webb	Ellie	Hampden	ME	
Webb	Mandi	Dedham	ME	
Webber	Anna	Bangor	ME	
Webster	Rachael	Gorham	ME	
Weed	Megan	Deer Isle	ME	

Wegner	Jay	Davidsonville	MD
Weigang	Abigail	Shawmut	ME
Weise	Grace	Green Bay	WI
Weiss	Elizabeth	Winslow	ME
Weitz	Hayli	Long Beach	NY
Welborn	Hannah	Wiscasset	ME
Welch	Dayle	Westford	MA
Welch	Sarah	Center Lovell	ME
Welcome	Phoebe	North Easton	MA
Wellington	Gregory	Cumberland	RI
Wells	Ryan	Orono	ME
Wells	Timothy	Bremen	ME
Wessels	Abigail	Morrill	ME
West	Bronwyn	Liberty	ME
West	William	Milbridge	ME
Wethington	Drew	Fairhaven	MA
Wetzel	Lucy-Ann	North Yarmouth	ME
Whitaker	Dylan	Gorham	ME
White	Brittany	South China	ME
White	Clarence	Brookton	ME
White	Julia	Belmont	NH
White	Kayla	Saco	ME
White	Lawryn	Fairfield	ME
White	Lindsey	Exeter	NH
White	Nicole	Oakfield	ME
White	Sarah	Old Town	ME
White	Zachary	York	ME
Wicks	Meredith	Bangor	ME
Wiedebusch	Laura	Telgte	Germany

Wiggins	Breanna	Brunswick	ME
Wight	Katherine	South China	ME
Wight	Kelly	Bucksport	ME
Wight	Sadie	Bucksport	ME
Wilcox	Kelsey	Naples	ME
Wilder	Brianna	Rock Falls	IL
Wilder	Kevin	Derry	NH
Wilkinson	Collin	Hingham	MA
Wilkinson	Emma	Windsor	ME
Wilkinson	John	South Portland	ME
Wiley	Sherri	Orrington	ME
Williams	Christopher	Shrewsbury	MA
Williams	Delaney	Caribou	ME
Williams	Haley	Windham	ME
Williams	Haley	Orrington	ME
Williams	Jacob	Stockton	CA
Willis	Justin	Castine	ME
Wilson	Alexandria	Lewiston	ME
Wilson	Ambyr	Peru	ME
Wilson	Chloe	Coventry	United Kingdom
Wilson	Colby	North Monmouth	ME
Wilson	Kelly	Westbrook	ME
Wilson	Kelsey	Peru	ME
Wilson	Ryan	Brunswick	ME
Wing	Oleg	Litchfield	ME
Winiarski	Chelsea	Presque Isle	ME
Winslow	Caleb	East Parsonsfield	ME
Winslow	James	Pittsford	VT

Wirth	Alexandra	Portland	ME	
Withee	Courtney	Palmyra	ME	
Witkes	Sophie	Boston	MA	
Wittman	Rebecca	Old Orchard Beach	ME	
Wojtkowski Barbeau	Leila	Nottingham	NH	
Wolland	Dani	Perham	ME	
Wong	Lisa	Gorham	ME	
Wong	Sze wing	New Territories		Hong Kong
Wood	Amanda	Port Jefferson	NY	
Wood	Amelia	Centerville	MA	
Wood	Elizabeth	Catlett	VA	
Wood	Jacob	Lancaster	NH	
Wood	Jessica	Kingston	NH	
Wood	Matthew	North Berwick	ME	
Woodard	Christopher	Bangor	ME	
Woodford	Delaney	Minot	ME	
Woods	Megan	Hardwick	NJ	
Woods	Michael	Orono	ME	
Woods	Stephanie	Wells	ME	
Woodward	Brianna	South Portland	ME	
Woodward	Hannah	Corea	ME	
Woodward	Samuel	South Portland	ME	
Word	Leah	Monson	ME	
Worster	Rachel	Brownville	ME	
Wright	Emily	Mapleton	ME	
Wu	Siqi	Changchun		China
Wypyski	Molly	Brewer	ME	
Xu	Shizhen	Foshan		China
Xu	Tianhan	Wuxi		China

Yarumian	Mary	Bar Harbor	ME	
Yates	Whitney	Standish	ME	
Yerxa	Colby	Scarborough	ME	
Yoder	Lucas	Brewer	ME	
Yori	William	Brooks	ME	
Young	Alexandra	Vinalhaven	ME	
Young	Alexis	South Berwick	ME	
Young	Benjamin	Thomaston	ME	
Young	Caryl	Milbridge	ME	
Yu	Anne	North Brunswick	NJ	
Zakian	Maxim	Biddeford	ME	
Zambrano	Sadie	Atkinson	ME	
Zamot	Cameron	Bedford	MA	
Zepeda	Adolfo	Dover Foxcroft	ME	
Zepeda	Sebastian	Dover Foxcroft	ME	
Zheng	Zhihua	Ji'an		China
Zink	Marissa	Minot	ME	
Zoroya	Zachary	Milford	ME	
Zwirner	Colin	Windham	ME	

Fall 2015 Dean's List by Maine counties

Androscroggin County	Oxford County	Penobscot County
Aroostook County	Piscataquis County	Sagadahoc County
Cumberland County	Somerset County	Waldo County
Franklin County	Hancock County	Washington County
Kennebec County	Knox County	Lincoln County
York County		

Androscroggin County

Auburn: Linnea Barnard, Abby Bellefleur, Ashley Brackett, Ryan Chamberland, Phoebe Chamberlin, Marlee Collins,

Joshua Delong, Emily Hamel, Nathaniel Hernandez, Taylor Landry, Jordan Lau, Michael Lucas, Jaclyn Masters, Kaelina Perron, Gabrielle Poulin, Claire Ross, Bryan Uwaechia, Sophie Wallace **Durham:** Daniel Jacques, Jamie Jeppson, Vanessa Lee, William McEnery **East Poland:** Lauren Emery **Greene:** Brandon Clark, Kristen DiBello, Dakota Duncan, Sarah Gosselin, Callie Greco, Nicole Hofacker, Matthew Janosco **Lewiston:** Gabrielle Barboza, Tucker Beaudoin, Aaron Bissonnette, Perry Chan, Victoria Degenhardt, Jared Dumas, Daniel Fortier, Katie Hummes, Christian Labonte, Emma Nichols, Cameron Poussard, Cameron Raymond, Viany Selengbe, Chase Tapley, Jaymi Thibault, Alexandria Wilson **Lisbon:** Aaron French **Lisbon Falls:** Justin Grant, Jasmine Proctor, Kartika Romano, Charles Sult **Livermore:** Luke Greenwood, Jacob Sol, Kaitlyn Townsend **Livermore Falls:** Denton Bilodeau, Natalie Goding **Mechanic Falls:** Gabrielle Smith **Minot:** Evan LaPointe, Meaghan Lolmaugh, Lindsay Theriault, Delaney Woodford, Marissa Zink **Poland:** Mary Everett, Tucker Jones, Hope Kohtala **Sabattus:** Zachary Fisher, Kayla Gayton **Turner:** James Barker, Justin Bean, Olivia Dam, Brianna DeGone, Ian Durgin, Zachary Goulette, Carter Hathaway, David Hersom, Britni Hutchinson, Samantha Hutchinson, Alana Mallar, Taylor Ouellette, Megan Plourde, Morgan Shaw **Wales:** Tyler Turcotte

Aroostook County

Ashland: Kali Pelletier **Blaine:** Sarah Grass **Caribou:** Devin Ballard, Annie Collins, Kayla Cormier, Haley Hunter, Chaya Karunasiri, Katherine Keaton, Ginger Kieffer, Samantha Murchison, Reanna Plourde, Emilee Sirois, Jin Sun Thomas, Dean Walker, Delaney Williams **Castle Hill:** Kelsey Corriveau **Caswell:** Emily St. Pierre **Easton:** Madison Leach, Holden Turner **Fort Fairfield:** Sarah Holbrook, Robert Watson **Fort Kent:** Erin Chasse, Lauren Doak, Antonio Naranja, Danielle Pelletier, Jeremy Voisine, **Fort Kent Mills:** Kendra Raymond **Frenchville:** Nichole Oakes, Jonathan Roy, Kelsie Tardif **Hodgdon:** Courtney Jurson, Hannah Sherman **Houlton:** Sarah Abbotoni, Cordell Beaton, Logan Boyd, Caeley Brown, Douglas Dickison, Emma Gallop, Dakota Gramour, Nicholas Lunn, Katherine Prescott, Derek Thomas **Island Falls:** Jillian Diaferio **Limestone:** Kate Leavitt **Linneus:** Devon Logie **Ludlow:** Erik Ryan **Madawaska:** Heather Boucher, Matthew Boucher, Alexis Cote, Emily Hebert, Darin Jandreau **Mapleton:** Hannah Guerrette, Ryan Lavway, Emily Wright **Merrill:** Vance Gustin **New Sweden:** Kelsie Espling **Oakfield:** Nicole White **Perham:** Dani Wolland **Presque Isle:** Drew Barrett, Emma Everett, Miranda Flannery, Brittany Good, Joshua Gordon, Stephen Goulet, Kyle Goupille, Angela Hallowell, Brandon Howlett, Harold Hull, Jenice Jarvis, Kenedy Jarvis, Jacqueline Lambert, Andrew Michaud, Connor Shaw, Harold Stewart, Evan Waddell, Chelsea Winiarski **Saint Agatha:** Chantel LaPointe **Saint David:** Samantha Pelletier **Silver Ridge Township:** Abigail Perry **Smyrna Mills:** Ryan Cole **Stockholm:** Elsa Thibodeau **Van Buren:** Nicholas LaJoie, Eric Laplante, Parise Rossignol **Wade:** Nicholas Silver **Woodland:** Kendra Stephens **Wytopotlock:** Sierra Waite

Cumberland County

Bridgton: Derrek Schrader, Michael Triglione **Brunswick:** Madison Burt, Erin Butts, Lucy Comaskey, Audrey Cross, Kimberly Crowley, Matthew Day, Shannah Duffy, Joseph Durkin, Rosaleen Erwin, Sara Freshley, Sarah Gibson, Justin Libby, Brandon McCauley, Samantha Moore, Jared Parent, Emma Reno, Julia Rider, Dylan Robinson, Alexandra Roderick, Grayson Smith, McKinley Stinson, Evan Studwell, Kylie Tierney, Breanna Wiggins, Ryan Wilson **Cape Elizabeth:** Dylan Egeland, Charles Jones, Stefan LaRose, Rachel Matusko, Shannon Nicholson, Matthew Oberholtzer, Christina Ross, David Terwilliger, Ashley Tinsman **Cumberland:** Kaitlyn Lavallee **Cumberland Center:** Oliver Adams, Matthew Blanchard, Thomas Dolloff, Zoe Fluett, Colin Grove, Robert Moore, Eliza Porter, Haleigh Roach, Taylor Roach, Zachary Theriault **Cumberland Foreside:** John Donahoe, Jeanna Lowery, John Pacent, Megan Smith **Falmouth:** Jack Britton, Marley Dewey, Lauren Eldridge, Stephanie Gramse, Sarah Grondin, Ryan Hammontree, Sarah Hogan, Bradford Kilbride, Matthew Klemperer, Samuel Mildrum, William Nash, Jonah Paris, Alyssa Remillard, Alexander Robison, Grant Rothweiler, Victoria Sabol, Benjamin Shaw, Samuel Stark, Katrina Ventura **Freeport:** Brady Davis, Katherine Drake, Blake Enrico, Dillion Hindley, Zachery Hindley, Kayley Johnson, Ben MacMillan, Danielle Perry, Nathan Pfeffer, Ethan Roney **Gorham:** Jessalyn Bergeron, Emily Berrill, Abegayle Brown, Adam Bucknell, Mason Crocker, Joseph DeRoy, William Eldridge, Jacquelyn Harris, Maxwell Johnson, Rebecca Lord, Garrett Raymond, Brian Rex, Kaitlyn SeeHusen, Victoria Small, Lindsey Smith, Matthew Southard, Rachael Webster, Dylan Whitaker, Lisa Wong **Gray:** Patrick Dumas, Grace Ferguson, Aeelah Granger, Allyson Kirby, Casey Myhaver, Ethan Ridge, Matthew Taplin **Harpswell:** Grant Carrier, Keenan Marley, Jamie Merriam, Lauren Rice **Naples:** Kathryn Caulfield, Taylor Cronin, Savannah DeVoe, Maude Meeker, Elizabeth Schreiber, Ryan Skillern, Kelsey Wilcox **New**

Gloucester: Jaime Boulos, Michael Flanders, Stacey Libby, Michael Lyons, Molly Masters-Schiller, Abigail Ordway, Meghan Vadeboncoeur, Caroline Verrill **North Yarmouth:** Christopher Byron, Mimi Edmondson, Molly Fitzpatrick, Shannon Fitzpatrick, Camilla Horton, Krystyna Rybka, Ryan Rybka, Eliza Taplin, Lucy-Ann Wetzel **Portland:** Eleni Anderson, Cleo Barker, Holly Bauer, Sara Brink, Mariza Budri, Kaitlyn Burton, Benjamin Chapman, Jonathan Gatti, Sierra Gridley, Dominic Guimond, Julia Haberstick, John Hardy, Gene Herrschaft, Jamie Hunt, Hannah Isherwood, Meredith Johnson, Grace Kiffney, Ava Koenigsberg, Zachary Lane, Mackenzi Masselli, Mikayla Mayberry, Madeline Mazjanis, Jack Melcher, Hannah Noonan, Sean Perry, Samuel Pierce, Sean Randall, Christine Reynolds, Elin Roland, Olivia Ryan, Evan Sampson, Sarah Smaha, Darro So, Cole Spike, Zachary Taylor, Alexandra Wirth **Pownal:** Helen Humphrey **Raymond:** Emily Gagne, Leah Orsini, Shannon Sutton **Scarborough:** Alec Anderson, Jacob Bloom, Samuel Cekada, Danielle Cooledge, Courtney Daly, LaRae Discatio, Roy Garland, Christopher Gilbert, Jacob Gross, Christian Harvie, Sarah Hoops, Colin Hulst, Andrew Jones, Katherine Kirk, Joseph Lancaster, Alyssa Lewis, Benjamin Lindsay, Sarah Marshall, Nathan McLellan, Trevor Morin, Madeline Palmer, Kathleen Pride, Jamie Rowe, Daniel Slavin, Kristen Spencer, John Sullivan, Anthony Verzoni, Colby Yerxa **Sebago:** Kathryn Cutting, Heather Hall, Rowan Wallace **South Portland:** Sarah Baird, Chelsea Chiamulera, Katie Dooling, Caleb Elsemore, Cassidy Fielding, Jennifer Fletcher, Casey Fournier, Tyler Gagne, Colton Gervais, Taniel Kiidli, Lauren Magnuson, Jamie McDonald, Jackman Mickiewicz, Hannah Noll, Thomas Salamone, Jaclyn Salevsky, Jill Tuttle, John Wilkinson, Brianna Woodward, Samuel Woodward **Standish:** Mitchell Burgess, Kaitlin Clark, Melody Cropley, Emma Goff, Nicole Hurley, Sebastian Luy, Natalie Ross, Shannon Stuart, Cole Tracy, Whitney Yates **Steep Falls:** Haley Thorne **West Baldwin:** Rachel Anderson, Gabriella Joy, Christina Metcalf **Westbrook:** Austin Blake, Kevin Bois, Darren Brown, Paul Caruso, Bryan Crouse, Evan DiPietrantonio, Eliot Gagne, Rachel Germaine, Emily Grossman, Andrew Lamson, Davis MacDonald, Emily Marean, Marissa Martel, Julie Mudasumbwa, Ryan Pitas, Kelly Wilson **Windham:** Meaghan Byrnes, Nate Dubuc, Megan Fortier, Samantha Frank, Jillian Gamache, Cameron Goodwin, Chloe Gray, Jordan Hall, Brian Kelley, Noah Ransom, Julia Richardson, Cassandra Steele, Avery Topel, Haley Williams, Colin Zwirner **Yarmouth:** Sean Cahill, Olivia Conrad, Eric Deerwester, Claire Fouchereaux, Conner Lajoie, Samuel Landry, Abigail MacDonald, Samuel Morris, Grayson O'Connor, Bailey Sheehan, Benjamin Waterman

Franklin County

Farmington: Maxwell Blais, Ryan Flanagan, Daniel Lesko, Samantha Tracy **Industry:** Sarah Dean **Jay:** Lindsay Brennick, Alexi Deering, Sarah Hayes, Joshua Horne, Kayla Meserve, Lucas Preble, Tyler Ritter, Melanie Robitaille, Kathryn Ventrella **Kingfield:** Emma Houston, Parker Kennedy, Christopher Murphy **New Sharon:** Mikaela Nida-Eldridge, Abigail Sennick **Phillips:** Joshua Beedy **Rangeley:** Allison Hammond **Stratton:** Christian Beauregard **Strong:** Alexandra Harnden, Ivy Mitman, Reilly Romanoski **Temple:** Laura Dunham

Hancock County

Aurora: Jacob Neal **Bar Harbor:** Ryan Cox, Michaela Murray, Dylan Stillman, Mary Yarumian **Bass Harbor:** Kathleen Murphy **Blue Hill:** Landere Naisbitt, Meredith Torrey **Bucksport:** Chloe Carmichael, Pianpian Chen, Jade Darragh, Justin McDermott, Christopher Powell, Megan Smith, Kelly Wight, Sadie Wight **Castine:** Anthony Codega, Meredith Olivari, Justin Willis **Corea:** Hannah Woodward **Dedham:** Sarah Dickens, Meghan Hatt, Brittney Nickerson, Abigail Vicnaire, Linley Wakeland, Mandi Webb **Deer Isle:** Nathan Davis, Sarah Eaton, Megan Weed **Ellsworth:** James Doty, Miranda Grant, Anna Jordan, Haley Lawrence, Kyle Lima, Derek Look, Amanda Matthews, Cecelia McEachern, Erin Nason, Michael Newman, Mallory Nightingale, Ashley Oleson, Rosa Tiemann, Alec Toothaker, Benjamin Walton **Franklin:** Sarah Frost **Gouldsboro:** Whyne Crabtree, Elise Nosel, Jordan Smith **Hulls Cove:** Nichole Dunn **Islesford:** Samantha Krasnow **Lamoine:** Michael Nichols, Linnea Rogers, Ivy Wallace **Mount Desert:** Sierra Colson, Allison Noonan **Orland:** Merrill Brache, Madison Sawyer **Sargentville:** Liam Adams **Southwest Harbor:** Brandie Dziegiel, Mica Perruzzi, Sarah Stanley **Sullivan:** Jacqueline Cormier, Jennie Daley **Surry:** Hannah Burnett, Karyn Carlin, Adam Kaspala, Mackenzie Tefft **Trenton:** Keegan McKim, Kirsten Richards **Verona Island:** Kayla Gray, Colleen Lucy, Scott Powers

Kennebec County

Albion: Daniel Heard **Augusta:** David Audet, James Boyman, Andrew Carr, Arianna Castonguay, Luke Dang, Elisha

Glusker, McKenzie Green, Jacob Harriman, Todd Hawkins, Josie Heath, Courtney King, Erica Laplante, Victoria Lovejoy, Erin Mercier, Olivia Rancourt, Liam Stokes, Derek Vigue **Belgrade:** Devin Bell, Alexandra Cole, Lucia Guarnieri, Josiah Paradis, Ryan Scott, Jill Twist **Benton:** Paige Castonguay, Thad Chamberlain **Chelsea:** Jack Brannigan **Clinton:** Aaron Brown, Tiffany Clifford **East Vassalboro:** Hannah Grover **Fairfield:** David Austin, Paige Belanger, Nicole Bowen, Josie Champagne, Hannah Chavis, Meaghan Foster, Zachary Hale, Paige Hanson, Samantha King, Alex Leathers, Joseph Leclair, Lindsay Morris, Anthony Sementelli, Lawryn White **Farmingdale:** Clara Irvine, Steven Longfellow, Bradley Shepherd **Fayette:** Alex Black, Olivia Swimm **Gardiner:** Nicole Chadwick, Brianna DeSoto, Emily Kobrock, Matthew Plourde **Hallowell:** Erin Ballew, Jonathan McCullum, Lindsey Quirion, Samuel Shepherd **Kents Hill:** Shaunna Damboise **Litchfield:** Brady Andrews, Ian Pinette, Siera Tibbetts, Oleg Wing **Manchester:** Caden Brown, James Cumming, Sydney Green, Cameron Guild, Tyler Lang, Benjamin McLaughlin, Duy Vo **Monmouth:** Hannah Kerrigan, Kaitlyn Kerrigan, Angus Koller, Amy Lamore, Mikaela St. Laurent **North Monmouth:** Colby Wilson **Oakland:** Samuel Dubois, Kirsha Finemore, Erik Holmsen, Forest LeBlanc, Samantha Mathieu, Emily Pellerin, Benjamin Schaff, Cody Stevens, Allan Walsh **Pittston:** Leigh Shaw **Randolph:** Adam Fortier-Brown, Andrew Moran, Paul-Jacob Richmond, Alexander Roberts, Andrew Roberts **Readfield:** Mitchell Fellows, Grace Kavanah, Margaret Keeley, Eleanor Nazar, Victoria Nolette **Rome:** Patricia Anderson, Lillian DeLisle, Julia Schnee **Sidney:** Philip Bean, Kyle Bernier, Nickolas Ferguson, Taylor Lenentine, Haleigh Moran, Robert Pietraszewski, Taylor Poissonnier, Zachary Ruel, Sydney Shackett **South China:** Emily Deering, Eleanora French, Alyssa Gartley, Alton Hawk, Kaitlyn Hayward, Jade McGuire, Gregory O'Connor, James Poulin, Sarah Poulin, Elena Smith, Brittany White, Katherine Wight **Vassalboro:** Taylor Bailey, Marissa Bovie, Moriah Cloutier, Patrick Meunier, Jeffrey Pulver, Nathaniel Trask **Vienna:** Robert Sepanek **Waterville:** Alexander Danner, Cassandra Dechaine, Grace Gould, Lucas Higgins, William Hoffman, James Lavin, Ryan Lopes, Morgan Pellerin, Nicole Pinnette, Waleed Rahmatullah, James Robe, Mathew Rumsey, Amy Samson, Allison Scully, Todd Serbent **Weeks Mills:** Chase Drummond **West Gardiner:** Edward Abbondanzio, Matthew Clark, Justin Ladner, Hannah Luken **Windsor:** Sarah Allisot, Cady Hockridge, Emma Wilkinson **Winslow:** Sean Ducker, Ryan Dutil, Brian Ouellette, Karlee Price, Sierra Savage, Rachel Sirois, Gabriel Smith, Aysha Vear, Elizabeth Weiss **Winthrop:** Kevin Chamberland, Lauren Kaiser, Jessica Scott, Lauren Selwood

Knox County

Appleton: Molly Kelley **Camden:** Julie Beauchesne, Samuel Jordan, Stephanie Leclerc, Lila Ohland, Emily Sargent **Cushing:** Erika Brooks, Ronald Hall, Lindsey Joyce **Hope:** Rosanna Bowman, Christopher Josselyn, Hanna Karas **Owls Head:** Ciera Bedard, Jamie Lovley, Emma Mason **Rockland:** Marshall Cole, Naomi Holzhauer **Rockport:** Devon Gordon, Lindsay Taylor **South Thomaston:** Maggie Drinkwater, Peter Duda, Rachel Johnson, Russell Lawrence, Emily Protheroe **Spruce Head:** Amber Elwell **Tenants Harbor:** Michael Ansart **Thomaston:** Kaleb Robinson, Tamra Wallace, Benjamin Young **Union:** Samantha Hilt, Anne Howell, Jane van der Schaaf **Vinalhaven:** Alexandra Young **Warren:** Taylor Hall, Kaitlyn Hanson **Washington:** Hannah Babcock, Kerry Madden, Bailey McCaffery

Lincoln County

Alna: Yvette Alexandrou, Alyssa Urquhart **Boothbay:** Andrew Goode, Kathryn Gottlieb, Dante Guzzi **Boothbay Harbor:** Troy Cushing **Bremen:** Teiga Martin, Timothy Wells **Damariscotta:** Noah Begin, Joshua Hoepner, Robert Millett, Logan Molt **Edgecomb:** Hannah Elder, Arden McSwain **Jefferson:** Joshua Brecker, Michaela Fortin **New Harbor:** Ashley Mason **Newcastle:** Chelsey Riendeau **Somerville:** Hannah Ladd, Phoenix Throckmorton-Hansford **Waldoboro:** Greta Brown, Olivia Pennington, Taylor Poli, Mallory Robbins **Walpole:** Keegan Daly-O'Donnell, Jingyi Sun **Westport Island:** Kerry Cummings, Benjamin Fairfield **Whitefield:** Ashley Green, Jocelyn Magnusen, Cory Pedersen, Robert Soohy, Stephen Soohy **Wiscasset:** Ridge Barnes, Maeve Carlson, Winston Smiddy, Hannah Welborn

Oxford County

Andover: Daniel Vaughn **Bethel:** Anneliese Smith **Brownfield:** Catherine Gillette, Ian Shea **Center Lovell:** Sarah Welch **Denmark:** Logan Gerchman, Joseph Schrader, Mark Schrader, Madeline Smith **Dixfield:** Natalie Bolduc, Larissa Bryant, Kaine Hutchins, Loren Keim, Summer Keim, Hannah Knight, Ming Feng Schnorr **Fryeburg:** Sydney

Charles, Kendra Fox, Samantha Nardone, Tyler O’Keefe **Greenwood:** Kimberlei Dean, Matthew Michaud **Lovell:** Walker Day, Austin Ward **Norway:** Avery Gates, Caitlin Grant, Jesse Newcomb **Oxford:** Faith Rideout, Brittney Turnbull **Paris:** Aiden Heikkinen **Peru:** Ambyr Wilson, Kelsey Wilson **Porter:** Christopher Rowley **Rumford:** Abigail Day, Jeremie DeTellis, Makenzie Gallant, Samantha Higley **South Paris:** Connor Gordon, Tyler Morin **Sumner:** Elizabeth Damon

Penobscot County

Argyle Township: Fara D’Angelo **Bangor:** Joseph Ahern, Jacob Archer, Johanna Barnes, Brandon Blustajn, Samuel Bolduc, Jordan Brown, James Burkhart, Kelly Bussell, Vincent Caccese, Christopher Carey, Antonia Carroll, Mikaela Cassum, Gabriela Constantin, Tawnie Corneil, Carly Cosgrove, Amanda Cupps, Anjelica Davenport, John Dennis, Matthew Derrah, Cara Doiron, Kaitlin Drake, Katrina Duncan, Abigail Elliott, Brittany Ellis, Matthew England, Allyson Eslin, Devon Foster, Andrew Fournier, Nicholas Fournier, Ethan Frost, Annemarie Gerow, Mercedes Goodine, Karl Gurschick, Jill Hamm, Jessie Hardy, Holly Hegarty, Ashlie Henderson, Zackary Henderson, Kirsten Higgins, Todd Hillier, Hannah Hooke, Steven Hooke, Miranda Hudgens, Casey Hudson, Deidre Johnson, Maryam Kashkooli, Tyler Kenney, Aaron Lamoreau, Tyler Laplante, Elizabeth Lemin, Thomas Ling, Johanna Lunn, Jonathan Marcotte, Lindsay Mestieri, Michelle Miller, Jeffrey Mitchell, Joseph Moore, Jake Morrill, Thomas Murray, James Ozog, Jacqueline Palmer, Jason Pohlman, Richard Powell, Michael Rancourt, Kristi Raymond, Malik Robinson, Alexander Rodionov, Victoria Roy, Jena Rudolph, Shannon Scarlett, Daniel Schlabig, Jason Seymour, Megan Shuman, Ilana Silver, Taylor Simpson, Katherine Small, Erin Smith, Nicholas Stahl, Zachary Stanwood, Chandler Stewart, Katrina Stinson, Shaun Sylvester, Timothy Thomas, Allison Thompson, Welles Tisdale, Leanne Violette, Olivia Wallace, Anna Webber, Meredith Wicks, Christopher Woodard **Bradford:** Christopher Albert, Loni Bernosky, Nicole Lamarche **Bradley:** Emily Barnes, Jennifer Brown, Miranda Gifford, Lauren Martin, Rachel Martin **Brewer:** Juliana Bilodeau, Sonia Biswas, Jovon Craig, Andrea Cunney, Kristian Daigle, Joshua Donnelly, Shawn Farrington, Matthew Fern, Charles Gardner, Ryan Gardner, Breannah Geiser, Lindsay Houpp, Teal Jackson, Lauren Joliat, Jacob Joy, Jarrod Joy, Michael Karnas, Rachel Largay, Mikayla Mitchell, Megan Pike, Matthew Potvin, Taylor Richardson, Laura Sargent, Joel Small, Jacob Spaulding, Erica Sturrock, Marisa Tandy, Nicholas Turner, Gregory Warmuth, Molly Wypyski, Lucas Yoder **Carmel:** Abigail DeHaas, Deborah Heyden, Kevin Holland, Sarah Perley, Stephanie Toothaker, Sarah Treadwell, Timothy Verrill **Charleston:** Emily Turner **Clifton:** Garrett Boardway, Rachel Brooks **Corinna:** Jennifer Hastings, Sarah Mullis **Corinth:** Rebecca Arrants, Katrina Lessard, Heather Speed, Kara Voisine **Dexter:** Dylan Hanscom, Rebecca Mason, Kirstie Mower, Anna Ritland **Dixmont:** Angela Silke, Joshua Viekmann **East Millinocket:** Derrick Tanous **Eddington:** Jaycob Bowker, Shelby Colburn, Caroline Deroche, Emily Illingworth, Brandon McBride, Nathan Perry, Morgan Tidd **Enfield:** Nicholas L’Italien **Etna:** Joseph Garcia, Katelyn Manzo **Exeter:** Cara Morgan **Glenburn:** Joshua Baker, Sarah Baker, Joseph Cheff, Brandon Crocker, Kailey Desrosiers, Ryan Dufour, Jennifer Federico, Dimitrje Howe-Poteet, Ruth-Ann Little, Amanda Long, Christopher St. Peter, Brittany Towle **Greenbush:** Brawley Benson, Kalli Mallory, Garvey Melmed, Michaela Milton, Shawn Ripley **Hampden:** Jefferson Adams, James Alley, Kathryn Asalone, Kyle Biter, Rebekah Boomer, Sarah Boomer, Amy Cirrinone, Matthew Closson, Dylan Cole, Alex Cust, Ashley Danforth, Katherine Danforth, Jasmine Deschesne, Samuel Donnelly, Megan Dunroe, Alexander Flannery, Drew Gilmore, Bradley Guerrette, Katelyn Hammond, Julia Hidu, Kelly Hiller, Megan Houpp, Logan Huston, Angelina Iannazzi, Nicole Ireland, Robert Judkins, Sophia Lataille, Mark McLaughlin, Michael Melochick, Megan Morin, Benjamin Nelson, Kent Reichel, Kristina Reichel, Andrea Rickards, Stanley Small, Emily Stevens, Kristen Thibodeau, Michael Townsend, Rilee Walker, Samuel Walls, Ellie Webb **Hermon:** Ashleigh Beaulieu, Evan Bowman, Audrey Cliff, Colleen Copley, Nicolette Hashey, Jessica Pardoe, Margaret Pierce, Rachael Proulx, Miranda Roberts, Zachary Rogers, Alexa Salley, Jonathan Sirois, Baylee Smith, Gretchen Spencer, Fawn Sullivan, Nicole Turmel, Jessica Wade **Holden:** Megan Ackley, Madelyn Bailey, Zachary Beals, Molly Caron, Sarah Caron, Alyssa Damon, Jill Hein, Morgan Johnson, Forrest Miller, Emily Mills, Molly Moreshed, Hannah Nickerson, Braydon Norris, Katelyn Porter, Lydia-Rose Ross, Taylor Roy, Reagan Smith **Howland:** Matthew Ireland, Amber Rowley, Monique Theriault, Wade Thurlow **Hudson:** Ryan Cullen, Krista Foster, Victoria Pendleton **Kenduskeag:** Derek Frey **Lee:** Brandon Bourgoin, Abigail Glidden **Levant:** Laura Kamorski, Amber Oakes **Lincoln:** Bailee Bartash, Rebecca Hatt, Ian Lichtenberg, Harli Maxwell, Andrew Phinney, Rebecca Radovic, Emily Robinson, Ethan Sibley, Connor Smart **Lowell:** Nicholas Garfield, Kasha Sereyko **Medway:** Kevin Drewrey, Jared Lyons **Milford:** Maliyan Binette, Emily Bryant, Kayla Chase, Brittany Cousins, Rebecca Dalrymple, Andrea Evans, Justin Gagnon, Danielle Harrington, Stephannie Kreyszig, Matthew Murray, Coady Robson, Amanda Rose, Benjamin Salzberg, Sarah Vaillancourt, Emelynn Violette, Zachary Zoroya

Millinocket: Lillian Dow, Tyson Girsu, Steven Gregory, Alexandria Mooney **Newburgh:** Amy Brown **Newport:** John Butler **Old Town:** Maitham Alabbad, Emily Allisot, Ayman Alsuri, Meagan Areno, Lucas Baillargeon, Emily Bartlett, Christiana Becker, Lara Carney, Sean Cashman, Hannah Cloutier, Taylor Cloutier, Austin Comeau, Sally DeForest, Meaghan Delcourt, Desirae DuBois, Henry Gibson, Edward Gonnella, Graham Griffin, Victoria Guiliani, Kimberly Herron, Gabrielle Holt, Rebecca Julian, Caleb Laberge, Evan Lane, Adam Letourneau, Kathryn Liberman, Susan Lodge, Katherine McMahon, Andrew Morgan, Kaitlyn Moriarty, Han Nguyen, John Parent, Jillian Pelto, Yi Peng, Jason Pina, Chandra Poliquin, Scott Richards, Emma Richford, Julie Roach, Richard Robey, Jonathan Rollins, Jacob Searles, Samuel Segee, Benjamin Smith, Andrea Steward, Nicholas Thibodeau, Zoie Trussell, Sarah White **Orono:** Majed Alhelal, Yousuf Ali, Nathaniel Allan-Rahill, Faisal Alrammah, Zachary Applebee, Jade Baumrind, Heather Benner, Brian Berger, Kate Berry, Donald Bistri, Samuel Borer, Amber Boutiette, Samantha Bullard, Lacey Cargnino, Jake Chambers, Leah Clement, Avery Cole, Caroline Curtis, Derek Derosier, Chloe Douglass, Cameron Dwyer, Emma Elz Hammond, Emma Ewy, Chynna Fuller, Marie-France Georges, Connor Giles, Kristin Gilmour, Marina Rosemary Gray, Samuel Griswold, William Grover, Tristan Harvie, Sean Hennessy, Maria Howson, Kennedy Hubbard, Afton Hupper, Alexander Introne, Christopher Introne, Ryan Jennings, Leona Kluge-Edwards, Benjamin Koehler, Lukas Lamb-Wotton, Troy Lawrence, Justin Leavitt, Francis Leith, Hunter Manley, James Martin, Haley Michaud, Lindsey Moran, Annie Morgan, Bienvenu Ndaruhutse, James O'Neil, Cameron Ouellette, Abby Parker, Briar Pelletier, Robert Potts, Nathan Reeves, Corey Riemersma, Christopher Roderick, Elizabeth Rovito, Stephanie Sailor, Morgan Schanck, Jeremiah Simonsen, Bronte Sone, Ana Eliza Souza Cunha, Sareena Toothaker, Zandalee Toothaker, Laura Triandafillou, Haley Vaudreuil, Ryan Wells, Michael Woods **Orrington:** David Bickford-Duane, Rachael Bladen, Matthew Bruni, Kara Cowan, Oscar Degnan, Megan Doane, Derek Dubois, Matthew Dunning, Meagan Grass, Benjamin Jeffrey, Clara Jeffrey, Alexis Lindsay, Aaron Ortiz, Ray Peck, Colby Rand, Jaime Roy, Carly Seymour, Emily Travis, Sherri Willey, Haley Williams **Patten:** Nathan Moore **Plymouth:** Mariah Carey, Darren Hayes, Marissa Shaw **Ripley:** Dexter Canning **Stillwater:** Jocelyn St. Jean **Veazie:** Taylor Chasse, Anna-Maria Dagher, Christiana Dagher, Emma Hardy, Sarah Hoak, Anastasia Kirbach, Grace Livingston, Heidi Lynch, Matthew Morris, Brittany Simmons **Woodville:** Lauren Goodine

Piscataquis County

Abbot: Delan Patterson **Atkinson:** Sadie Zambrano **Bowerbank:** Travis Vincent **Brownville:** Andrew Crist, Mindy Downing, Rachel Worster **Dover-Foxcroft:** Christine Cannon, Daniel Decker, Michael Fagan, Charles Hildebrant, Brent Thomas, Adolfo Zepeda, Sebastian Zepeda, Madeline Kelly **Greenville:** Judson Walden **Greenville Junction:** Kenneth Howard **Monson:** Leah Word **Parkman:** Rebecca Blodgett **Sangerville:** Max Andrews, William Eyster, Megan Soden

Sagadahoc County

Bath: Chandler Dundas, Amy Franklin, Tyler Howard, Spencer Lindsley, Tessa Lindsley, Paige Martin, Micheal Stinson **Bowdoin:** Morgan Martin, Eloise Melcher **Bowdoinham:** Adeline Schneider, Lydia Schneider, Griffin Stockford **Georgetown:** Mikaela Martin, Hannah Russell **Phippsburg:** Dana Douglass **Richmond:** Noell Acord, Brianna Snedeker **Topsham:** Margaret Bouchard, Cameron Buthlay, Caroline Carrigan, Kayla Chamberlin, Alex Denis, Sara Dunn, Eric Farnsworth, Alexander Favreau, Christopher Giroux, Emma Hutchinson, Gregory Kritzman, Haley Michaud, Haley Poston, Meo Pourreyron, Rebecca Schuman, William Tooher, Olivia Watson **West Bath:** Morgan Redmon, Hilary Warner-Evans **Woolwich:** Kaitlyn Dube, Nicholas Huston, Gabriela Peralta, Paden Stanton

Somerset County

Athens: Lanie Howes, Jacob Johnson **Cornville:** Samantha Turcotte **Harmony:** Jacob Stutzman **Hartland:** Kestrel D'Antilio, MeiWa Li **Mercer:** Emily Greaney, Megan Hooper **Moose River:** Dana McNally **Moscow:** Kirsten Mathieu **Norridgewock:** Adriana Martineau, Ethan Poissonnier **Palmyra:** Stephen Sacks, Courtney Withee **Pittsfield:** Alexander Audet, Amanda Collamore, Erin Donahue, Brody Malloy, Emma McWilliams, Cassandra Miller, Anna Olsen, Andrew Schanck **Rockwood:** Katherine Miller **Saint Albans:** Everett Coulter, Chad Martin **Shawmut:** Abigail Weingang **Skowhegan:** Corrine Anderson, Kirstie Belanger, Ryley Burkhart, Nicolette Curran, Jaden Dickinson, Cody Dillingham, Elijah Holland, Kaylin Knott, Rhiannon LaPlante, Briann Prentiss, Jillian Redmond, Nicole Sevey

Smithfield: Amanda Joy, Eben Lenfest **Solon:** Tamika LaCroix

Waldo County

Belfast: Madison Cummings, Nicholas Fortin, Hannah Holden, Katrina Lapham, John Seekins **Brooks:** Wendy Gibbs, William Yori **Burnham:** Abigail Bergdoll **Frankfort:** Jordan Bleakney **Freedom:** Trevor Diemer, Zoli Kertesz, Briana Littlefield **Jackson:** Angeline Laliberte **Liberty:** Joshua Savoy, Bronwyn West **Lincolnton:** Maximilian Geffken, Carrie Milner, Christopher Smith **Monroe:** Susan Outman **Montville:** Ailish Foley, Alexandria Jimenez, Asher Sizeler-Fletcher **Morrill:** Abigail Wessels **Prospect:** Seth Raymond **Searsmont:** Emily Blood, Adam Flood, Isaac Hoey, Zachary Beaudry, Jacob Bucklin, Kirsten Caswell, Mark Dube **Stockton Springs:** Alyssa Burkard, Jay Burkard, Michael Cox, Anderson Denduang **Swanville:** Amanda Small **Winterport:** Olivia Barberi, Erin Foley, Emmanuel Gallucci, Samuel Lebel, Blaine Livingston, Ian Miller, Brittany Oettinger, Thomas Olver, Elliott Simpson

Washington County

Beals: Stacey Beal **Brookton:** Clarence White **Calais:** Forrest Carle, Meaghan Cavanaugh, Jesse Clark, Dominic Gayton, Megan Little **Cherryfield:** Cody Blackburn **Columbia:** Brandon Torrey **Columbia Falls:** Haley Toppin **Danforth:** Logan Crone **East Machias:** Nigel Pingree, Matthew Talbot **Jonesboro:** Kassidy Seeley **Jonesport:** Brianna Cirone, Catherine McDonald **Lubec:** Chad Denbow **Machiasport:** Caleb Beal **Marshfield:** Michael Larson **Milbridge:** Dayton Arey, Cristina Perez, William West, Caryl Young **Pembroke:** Rachael Mahar **Perry:** Natalie Altwater **Steuben:** Aaron Leighton **Topsfield:** Taylor Cochran **Vanceboro:** Jourdan Brakeman **Whiting:** Gianna Porter

York County

Acton: Samuel Beaudoin, Karla Boyd **Alfred:** Andrew Bullard, Tabatha Goodale, Audrey Hoyle **Arundel:** Ciera Lamontagne, Jenna Paul, Nicholas Roberts **Berwick:** Ian Allan, Alyssa Bennett, Levi Boudreau, Hayley Junkins, Alexander Menter, James O'Connor, Cory Sollberger **Biddeford:** Brooke Bailey, Kassi Bailey, Evan Black, Ian Black, Connor Bouffard, Justine Bouthot, Margaret Bushey, Ryan Contois, Robert Cote, Shelby Courtois, Spencer Desrochers, Emily Doyon, Owen Gillis, Taylor Hallczuk, Alexis Innes, Maggie Maloy, Adam Michel, Anna Mininni, Amber Mondor, Vie Nadeau-Carney, Michael Shea, Timothy Waterman, Maxim Zakian **Buxton:** Emily Duggan, Lucas Knight, Alyssa Libby **Cape Neddick:** Mitchell Benoit, Andrew Hayford, Wesley Warner **Cornish:** Olivia Ruhlin **Dayton:** Alexander Belanger, Christina Caron, Audrey Dean, Avery Dunn, Ryan Oliveira **East Parsonsfield:** Caleb Winslow **East Waterboro:** Andrew Lee **Eliot:** Bethany Ames, Ryan Anderson, Garrett Brown, Zoe Brown, Isabella Etro, Jackson Foley, Bridget Henry, Haley Horton, Luke McNamara, Olivia Mondene, Anthony Peterson, Adya Plourde, Zachary Quintal, Kayla Rackley, Garrett Robinson, Erica Sewell, Anne Spezia, Hattie Stiles, Taylor Sturdevant, Madison Waterman **Hollis Center:** Casey Libby, Riley Mattor, Sean Turner **Kennebunk:** Elizabeth Ayotte, Joseph Beaudoin, Janelle Bouchard, Caleb Drake, Lauren Errico, Julian Felvinci, John Grillo, Alexandria Gross, Dylan Haroldsen, Kaleigh Haroldsen, David Kerschensteiner, Seneca Landry, Kathleen O'Toole, Timothy Price, Hannah Sirois **Kennebunkport:** Nicholas Ames, Willow Bates, David Despres, Brianna Walsh **Kittery:** Melissa Hawkes, Michael Noble, Alexis Ovington, Ariel Rochester, Joshua Schneier **Kittery Point:** Abigail Hannigan, Mark Lambrecht, Alexandria Sillsby **Lebanon:** Megan Estabrook, Emmaline Lovely, Laura Nicolo **Limington:** David Hegarty **Lyman:** Drew Brooks **North Berwick:** Shane Berry, Taylor Dupont, Liam Griffin, Matthew Wood **North Waterboro:** Madeline Sanborn **Ogunquit:** Olivia Arnold, Kristina Manners **Old Orchard Beach:** Emily Bordeaux, Charles Duffield, Kailey Fogg, Lauren Fogg, Cole Hamilton, Rebecca Wittman **Parsonsfield:** Lila Lyons **Saco:** Justin Alcorn, Robert Begin, Marissa Boivin, Joshua Boldebook, Quinn Campbell, Katilyn Coburn, Amelia Courtney, Elizabeth Demin, Kendra Ermold, Jill Faucette, Alison Folsom, Amanda Gibbons, Rebecca Harris, Gwendelyn Hill, Megan Hurrell, Katherine Kalagias, Christopher Kowash, Meaghan Labbe, Cain Landry, Kendall Pike, Alexander Reppond, Samantha Saucier, Kent Seneres, Meaghan Strickland, Kayla White **Sanford:** Mathew Allen, Regan Buck, Vanessa Caron, Conrad Ege, Michael Hurley, Michelle Jacques, Karin Martin, Blaine Morin, Justin Norman, Nisha Patel, Joshua Patnaude, Zachary Perigo, Chelsea Rodrigue **South Berwick:** Allison Blunt, Lydia Carlson, Alyssa Fogarty, Hannah Folger, Madelyn Folger, Hailey Gagne, Jillian Gori, Ariel Kaplan, Toni Kaplan, Ava Leman, Jannell Moriarty, Nicole O'Neil, Sarah Oakley, Seraphina Orsini, Alexandra Pergerson, Sarah Personeni, Grace Pouliot, Andrew Purgiel, Alec Taylor, Lucas Taylor, Kendra Threeton, Ryan Tuano, Alexis Young **Springvale:** Stephanie Donoghue, Isaac Sweeney,

Mitchell Vezina **Wells:** Dominic Barra, Kate Bleier, Anthony Crawford, Fionnula Duggan, Matthew Fischer, Marcus Harding, Whitney Lallas, Cameron McMahon, Patrick Menard, Christina Muse, Sarah Rashed, Stephanie Woods **West Newfield:** Edwin Lewis **York:** Jack Briggs, Kathryn Brown, Matthew Eaton, Jack Engholm, Sarah Kate James, Eric Morrison, Zachary Pease, Zachary White [Back to full list](#)

Going viral: First-year students get hands-on experience in phage genomics course

29 Jan 2016

There is a long list of learning objectives for the HON 150/155 phage genomics course, in which first-year undergraduates conduct hands-on research. They learn how to purify and isolate novel bacteriophages — viruses that infect bacterial hosts — from soil samples. The students learn how to characterize their individual phages — which have the miniscule diameter of around 65 nanometers and can only be viewed using an electron microscope. They learn essential laboratory techniques including microscopy, aseptic methods and comparative genomic analysis. They learn how to analyze data and design unique experiments. And they learn to read and think like scientists. But most importantly, the first-year UMaine students learn *how* to learn. Because without that knowledge, the rest is moot. “It is not a sink or swim situation,” says Sally Molloy, assistant professor of genomics and co-instructor of the course. “We teach students how to learn so they can function in any learning situation in the future, whether that is in STEM fields or the humanities.” The yearlong course is sponsored by the Howard Hughes Medical Institute (HHMI) and is part of a nationwide program called the Science Education Alliance (SEA) Phage Hunters Advancing Genomics and Evolutionary Science (PHAGES) research course. The program, which started in 2008, now involves 70 campuses and 4,800 undergraduate researchers. To date, Molloy estimates that 100 UMaine students have completed the program. The microscopic phages that the students isolate resemble tiny lunar landers and attack bacterial hosts in the family *Mycobacterium smegmatis*, which are nonpathogenic organisms that are found in soil, water and plants. Keith Hutchison, professor emeritus in the Department of Molecular and Biomedical Sciences, has been teaching the course since its inception five years ago. “Before we had our first students, I went to a national meeting and I was listening to these students who had just completed their first year presenting their work, and I remember thinking, ‘I wish my graduate students could talk this well,’” says Hutchison. He’s now amazed when he listens to the first-year students in his own classroom. “Many institutions don’t even have laboratories, let alone a laboratory like this. Often, before the students even get a job, they have to go on to get a master’s or a job working in a lab in order to get into graduate school,” says Hutchison. “Our students are prepared for that by the time they walk out of the classroom at the end of their first year.” The course is a joint effort between the Honors College and the Department of Molecular and Biomedical Sciences (MBMS). The course is now required for all incoming and transfer students within MBMS. Students in the classroom try to figure out how their isolated virus is related to many of the other viruses that have been isolated across the United States through HHMI’s program. The procedures students learn to analyze phages closely resemble those used to understand more complex genomes, such as the human genome. By comparing their phage with others that infect the same host, students develop an understanding of the evolution of genomes. Bacteriophages are considered the most numerous biological entity on Earth. For every bacterium, scientists estimate there are approximately 10 phages that can attack it. This makes the phage an incredibly effective educational tool because the amount of scientific discovery available to students is seemingly endless, explains Molloy. Because every phage that is isolated is going to be different than any other phage that has been isolated before. “Incorporating fundamental research in the classroom is one way to motivate students to become more autonomous learners,” says Molloy. “Students cultivate an intrinsic curiosity that promotes independent learning and a desire for more research opportunities outside of the classroom.” During the first semester of the course, students also have the opportunity to use a transmission electron microscope (TEM), which provides nanometer scale images of their phages to be used for analysis. Having access and training on an electron microscope during a student’s first year is almost unheard of, says Kelly Edwards, lab technician for the Electron Microscopy Laboratory in Murray Hall. “To my knowledge, this is currently the only lab in the state that allows people from outside the university to come in and use the facilities,” says Edwards, who has worked at UMaine since 1980. The TEM allows students to see their virus with their own eyes, which Edwards says is the real thrill. The lab also provides training in light and electron microscopy to faculty, staff, graduate students and members of the community. “The students know something is creating the things they are seeing. They may have some kind of picture in their mind of what this thing looks like. But when you put it in the TEM you actually see the creature that you have isolated and grown up and purified. It’s really exciting for the students,” says Edwards. The information that students gather from the TEM helps them classify what type of virus they have isolated, which goes into HHMI’s

national database. “It’s a big deal,” says Edwards. At the end of the first semester, UMaine students select one DNA sample from the isolated phages to get sequenced, which provides the precise order of nucleotides within a DNA molecule. Only one sample is chosen because the process cost around \$1,500, which is covered by HHMI. When students return for the spring semester, they conduct independent research projects using computer-based analyses to understand the biology of their individual phages and the structure of its genome. At the end of the year, students make a similar decision about who will represent the class at the national meeting at HHMI headquarters in Virginia. Ethan Thibault, a double major in microbiology and molecular and cellular biology and a part of the Honors College, was one of two students selected last spring to present at the national phage conference in Virginia. “Not only did we get to perform research beyond most freshmen experiences, we gained practice writing manuscripts, and reading and analyzing scientific journal articles,” says Thibault, who plans to pursue graduate school after he graduates in May 2018. “I learned how to take information, formulate an experiment based on that, analyze the results and then figure out where to go next,” he says. “I learned how to be a researcher and skills that will help me for the rest of my scientific career.” Because of those skills, Thibault was accepted to a National Science Foundation Research Experience of Undergraduates, which included a paid internship at South Dakota State University working with salinity tolerance of prairie cordgrass. “UMaine has pushed me to strive for excellence and has allowed me to pursue research that I never expected I would have the opportunity to do as a first-year student,” says Thibault. “Keith and Sally are two absolutely amazing professors. Sally always has the students well-being in mind. She will do anything to help you succeed. You will not meet another professor as devoted to her students as her,” says Thibault. Max Dorman agrees. Dorman is a molecular and cellular biology major and is a part of the Honors College. Dorman also presented his research at HHMI’s national meeting in 2015, alongside Thibault. “To me, the phage course was what every course *should* be like,” says Dorman. “There was full-group discussion; there was debate; there was learning; there were experiments.” A life-changing skill that Dorman learned in the course was how to develop a growth mindset. In order to do so, explains Dorman, you must “embrace failure as a part of the learning process.” It’s a skill that Molloy hopes all her students leave her course with. Because in science, the answer is not always apparent. “That’s the biggest part of this course — teaching students how to learn, how to apply information to new problems, and to tackle things that would at first seem impossible,” says Molloy. “Being in a classroom where students are making discoveries and you are learning through them, I don’t think I’d like to teach in any other way again.” Contact: Margaret Nagle, 581.3745

UMaine marine science students dive deep in Alaskan fjords

29 Jan 2016

Two marine science students at the University of Maine started off 2016 a little differently than they had previous years. For five days, Ashley Rossin and Elise Hartill collected red tree corals, *Primnoa pacifica*, from the Tracy Arm Fjord — a narrow, deep inlet of the sea nestled between high cliffs — located just south of Juneau, Alaska. The corals were collected off the fjord’s wall, approximately 60 to 100 feet below the ocean’s surface. Red tree corals are octocorals, which are the “sea fans of coral reefs.” “While this is normally a deep-water coral, the fjord creates an effect called deep-water emergence where deep-sea organisms can live at shallower depths because the conditions are the same,” says Rossin. The researchers are evaluating how pH and temperature changes affect the development and efficiency of the cold-water corals’ reproductive structures. The researchers hope their observations will shed light on the implications climate change will have on coral organisms and marine ecosystems. “It is a good species to collect because it’s a known habitat for several invertebrate and vertebrate species. This is important because their reproductive success determines the success of several Alaskan fisheries,” says Rossin. Live corals were shipped for further analysis to a lab on Kodiak Island, off the south coast of Alaska. After six months, the samples will be shipped to Maine where researchers at the University of Maine Darling Marine Center will evaluate any changes in morphology and reproduction that occurred under the experimental conditions. The conditions were modeled after scientists’ predicted changes in the world’s oceans in the coming years, such as temperature and acidity increases. Rhian Waller, professor of marine science at the Darling Marine Center, led the team on the research expedition. Waller has had a long-time study in the area and the team was collecting specimens to continue her research project and to start a new one. Waller’s research focuses on 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. Because the ocean temperature off the coast of Alaska is about 34 degrees Fahrenheit, both students trained and prepared extensively for the trip, including earning their scientific and dry suit diver certifications. Although the formal diving training was essential, the most important form of preparation, according to Hartill, was a mental one. “There’s no way to replicate

the exact conditions, so you have to mentally psych yourself up and tell yourself you're going to get the job done no matter what. Like anything, the more you dive, the better you get at it," says Hartill. "It's a challenge and diving in the cold is an even bigger challenge and every time I dive I feel like I've accomplished something that few have," says Hartill, who chose UMaine's marine science program because "it's one of the best in the country. And Rossin agrees. Rossin came to the university after learning about the Darling Marine Center — UMaine's marine science laboratory in Walpole, Maine. She was interested in the research being conducted in the Waller lab related to cold-water corals. "I looked at other schools with a marine science degree, but none of them offered a hands-on field station, or a faculty member that studied coral reproduction," said Rossin, who has wanted to study coral since she was a first-year student in high school. Rossin says the opportunity to travel to Alaska to get hands-on experience working with cold water corals further solidified her career path. "Scuba diving is the most freeing activity I've ever experienced. It is one of those experiences that is never the same twice, even if you're diving in the exact same spot for a year, no two dives will ever be the same. It's both calming and exhilarating and the cure for absolutely anything," she says. Contact: Margaret Nagle, 581.3745

'Plywood on steroids' could help grow industry

29 Jan 2016

Nicholas Willey once planned to be a lawyer. Then, at his mother's suggestion, the then-Caribou High School student attended the free University of Maine Pulp & Paper Foundation program "Consider Engineering" that gives juniors insight into the field. "It really opened my eyes to what engineering encompassed," says Willey. As well as persuasively made the case for Willey — who enjoys science, math and innovation — to pursue an engineering career. Six years later, he's well on his way. In 2014, Willey earned a bachelor's degree in civil engineering from UMaine and now he's a graduate civil engineering student and a graduate research assistant at the Advanced Structures and Composites Center. For his master's project, Willey is collaborating with university wood scientists and engineers to evaluate the performance of cross-laminated timber (CLT) made from solid-sawn and composite lumber from trees that grow in Maine and the northeastern U.S. CLT — a massive timber construction product developed as an alternative to stone and concrete in the 1990s in Austria — is used to build homes and mid-rise commercial buildings in Europe and Canada. Since CLT was recently incorporated in the International Building Code, it can be used in building construction in the U.S., providing it meets manufacturing standards. "I really would like to see CLT be a material that's used more in the U.S. I think it's really beneficial for society," says Willey. "It would probably create more jobs and, at the same time, being a renewable resource, it would be really good for the environment." CLT, says Stephen Shaler, is sometimes called plywood on steroids. The director of the School of Forest Resources and associate director of the Composites Center heads the CLT testing project, which is funded by a \$300,000 grant from the U.S. Department of Agriculture. CLT consists of two-by lumber or composite (two-by-fours, two-by-sixes, or two-by-eights) glued together and stacked in alternating directions (with as few as three and as many as nine laminated layers). The large, strong, stable panels are used as full wall segments, as well as in floors and roof systems. CLT's numerous benefits have been touted in Europe and Canada. Growing trees remove carbon dioxide from the atmosphere and using lumber from sustainably managed forests can lock up this carbon for centuries, says Shaler. Thus, he says, CLT structures result in a much smaller carbon footprint than structures built with energy-intensive materials such as steel or concrete. Shaler says CLT buildings in Italy have been erected because of the structural integrity they demonstrate during earthquakes. The construction industry is interested in this building system, Shaler says, because cranes can quickly erect prefabricated CLT structures that have door and window openings precut at the factory. "Time is money," he says. CLT has had building code approval in Europe for a couple of decades. Shaler says buildings of 10 or so stories have been built with CLT and there are designs for a 60-plus-story CLT and steel building. A firm in Oregon is approved for manufacturing CLT made with Douglas fir and larch — tree species native to that region. Another manufacturing center is planned in Montana. Enter UMaine to test how CLT made with tree species that grow in Maine and the northeastern forests of the United States fare. After the USDA awarded UMaine \$300,000 to find out, the UMaine team began evaluating the strength, thermal and moisture properties of CLT made with spruce, pine and fir — a grouping called Spruce-Pine-Fir South. The SPF-South lumber used in this research program comes from Pleasant River Lumber in Dover-Foxcroft, Maine. UMaine also is testing a hybrid CLT panel made from a combination of solid-sawn SPF South lumber as well as an engineered wood composite — laminated strand lumber (LSL) — produced by Louisiana Pacific in Houlton, Maine. This past summer, a Willey-led student team carefully built upwards of 45 4-foot-by-8-foot CLT panels. Then the students proceeded to break them during tests for flexure, shear, block shear, delamination and fatigue. If CLT made of SPF South and LSL

stacks up well, that could translate into new markets and increased commercial value of forests in the Northeast. Willey and lead investigator Shaler are collaborating on the project with: Bill Davids, professor of civil engineering; Russell Edgar, wood composites manager; Doug Gardner, professor of forest operations, bioproducts and bioenergy; Roberto Lopez-Anido, professor of civil engineering; Robert Rice, professor of wood science; Mehdi Tajvidi, assistant professor of renewable nanomaterials; and Jaya Tripathi, a master's student in wood science. In addition to the large-scale testing at the world-class Composites Center, UMaine is examining CLT and LSL on a small scale across campus in Nutting Hall. As well as gauging a structure's stability, Shaler says it's important to know what the indoor environment of a CLT structure will be like. That's where Tripathi comes in. The native of Nepal is evaluating hygrothermal movement — heat and moisture transfer — and thermal insulation value in an LSL-spruce-LSL hybrid CLT design. Sensors embedded in CLT panels measure moisture content, humidity and temperature under a variety of conditions. The USDA awarded UMaine the competitive grant because of the varied expertise and team approach demonstrated by university wood science researchers and engineers, Shaler says. The final results will be important to several groups, says Shaler, including the lumber industry and architects. Tripathi and Willey say it's rewarding to test a renewable resource that could one day provide jobs and be used to construct homes and businesses. "You'd like to think the product you're working on is something that will come into light some day so that you can say, 'I put my stamp on that. My name is on that product. I helped develop it. I helped to make it what it is,'" says Willey. Habib Dagher, director of the Composites Center, says CLT could open new value-added markets for Maine wood species, which is important today. "By doing this research on new uses for Maine wood species, we open the door for a potential CLT manufacturer to locate a plant in Maine," he says. "We are now exploring opportunities to build a pilot CLT building in Maine, a project that will bring together Maine architects, engineers, contractors and wood suppliers to build this expertise in Maine." Contact: Beth Staples: 207.581.3777

UMaine's Collegiate Society of Women Engineers receives national honor

01 Feb 2016

The Collegiate Society of Women Engineers (SWE) at the University of Maine was awarded an Outstanding Collegiate Section Award at the Silver Level at the SWE Conference awards banquet in Nashville in October. The award recognizes collegiate sections that are active in meeting SWE's strategic goals of professional excellence, globalization and advocacy. At the Silver Level, UMaine was joined by nine other collegiate sections, including those at Cornell, Purdue and Tufts universities. Meagan Lewis, a senior in mechanical engineering from Beverly, Massachusetts, is the president of UMaine's SWE section. "The UMaine section really fulfills SWE's tagline — Aspire/Advance/Achieve — and offers great opportunities for members to develop leadership skills," says Karen Horton, professor of mechanical engineering technology and the UMaine section's adviser and the 2010 Outstanding SWE Counselor. The UMaine section has a number of active committees, including those focused on technology and [website](#), outreach, fundraising, corporate relations, social events and the Region F Conference (this year at West Point, Feb. 26–28). The section plays an important role in engineering outreach to young people in Maine, with the UMaine members leading events at engineering expos and the Challenger Learning Center in Bangor.

UMaine football announces 2016 game schedule

01 Feb 2016

The University of Maine football program has released its 2016 schedule. The season's slate is highlighted by a pair of Football Bowl Subdivision (FBS) contests at University of Connecticut and University of Toledo along with a competitive set of Colonial Athletic Association (CAA) league contests in which Maine will face three CAA teams who made the NCAA FCS playoffs in 2015. The Black Bears will begin their season under new head coach Joe Harasymiak on Thursday, Sept. 1 when they travel to take on UConn of the American Athletic Conference. Maine continues FBS action when it travels for its first-ever meeting with Toledo on Sept. 10. CAA play opens for Maine at home when it welcomes James Madison University to Alford Stadium on Sept. 24. Other scheduled games:

- Oct. 1 versus Bryant
- Oct. 8 at Delaware
- Oct. 15 versus Albany

- Oct. 22 at Rhode Island
- Oct. 29 at William and Mary
- Nov. 5 versus Villanova
- Nov. 12 at Stony Brook

The regular season will end Nov. 19 when UMaine and the University of New Hampshire square off in the Battle for the Brice-Cowell Musket. It will mark the 105th meeting between the two teams.

Howard cited in Inc. article on robots taking over jobs

01 Feb 2016

Michael Howard, a philosophy professor at the University of Maine, was cited in an [Inc.](#) article about what may happen if and when robots start taking over jobs in the United States. The research arm of Y Combinator, an American seed accelerator, is looking to fund a five-year study to run a minimum income experiment — one in which a group of people are given money to live on, regardless of whether they work or do anything considered productive, according to the article. Howard, co-editor of the journal Basic Income Studies, cited a similar study conducted in the 1970s in Canada. He said not everyone quit their jobs and that most people who worked less were mothers with young children and high-school students who stayed in school rather than joining the workforce. Howard said he wouldn't be surprised to see shifts in the U.S. labor force, as well. "People might not want certain jobs," he said. "They may prefer to do more self-employed things."

Brewer quoted in MPBN report on tax, welfare reform ballot effort

01 Feb 2016

The [Maine Public Broadcasting Network](#) spoke with Mark Brewer, a political science professor at the University of Maine, for a report about Maine Republican Party officials extending their efforts to place tax and welfare reform ballot questions before voters by waiting until November of next year. Brewer said Republicans have missed an opportunity by not placing their two main issues before Maine residents during a presidential election year, which historically has turned out a larger number of Democrats. "I think they really wanted to have both of these issues on the ballot to try and give them a better chance to compete with the Democratic turnout advantage that you get in a presidential year, so I don't know if I'd say it's a big setback, but it's most certainly a setback," he said.

RiSE Center Seminar: Challenges for First Generation Students

27 Jan 2016

The Maine Center for Research in STEM Education (RiSE Center) at the University of Maine will host a seminar at 3:00 p.m, Monday, Feb. 1 in the Hill Auditorium, titled "Summitting the academic mountain: The challenges of first-generation college students." The talk will be led by Jose Herrera, Associate Vice President for Academic Affairs and Dean of the College of Arts and Sciences at Western New Mexico University. Contemporary approaches to data analytics at several institutions have suggested a handful of risk factors that negatively impact graduation rates including financial need; being first in their family to attend college; lack of preparation in reading, writing or math; and being the single head of household.

BDN interviews Jemison about cultivating hemp for food, fiber in Maine

01 Feb 2016

The [Bangor Daily News](#) spoke with John Jemison, a soil and water quality specialist with the University of Maine Cooperative Extension, for the article, "Cultivating hemp for fiber, food getting close to legal." According to Jemison, Maine farmers who want to grow industrial hemp should start writing letters to their representatives in Congress. Jemison is one of several researchers in New England investigating hemp as a crop that could be grown for everything from fishing ropes to insulation and seeds rich in nutrients and protein, according to the article. "It has the potential to

be a really good rotation crop,” he said. Even though Americans can buy hemp jeans or hemp granola, the plant can’t legally be grown for commercial use in the U.S. and instead must be imported. A 2015 Maine law permitted a system for commercial cultivation, despite the federal prohibition, and the Department of Agriculture, Conservation and Forestry has released proposed regulations that outline a system for licensing, seed procurement and limitations on the quantity of THC, the article states.

UMaine to host international fish, shellfish immunology conference

01 Feb 2016

The University of Maine Aquaculture Research Institute will host this year’s international conference on behalf of the International Society of Fish & Shellfish Immunology (ISFSI). This is the second international conference of the ISFSI and the first time the global group of researchers and industry leaders will gather outside Europe. The International Conference of Fish & Shellfish Immunology will be held June 26–30 at the Holiday Inn By the Bay in Portland, Maine. The conference aims to improve aquaculture in the U.S. and around the world by bringing together leaders in the field from universities, research institutions and the industry, according to Anne Langston, associate director of UMaine’s Aquaculture Research Institute (ARI), an international center for aquaculture research and development and home to the Sustainable Ecological Aquaculture Research Network (SEANET). In 2013, the conference was held in Spain and attracted about 320 attendees. UMaine, which has hosted an international conference on sea lice, was selected to host the conference after a bidding process. Conference organizers collaborated with UMaine Conference Services to plan the event. Maine has the largest Atlantic salmon farmed production in the U.S., has a thriving shellfish farming industry, and is home to some of the best aquaculture growers and farming companies, according to event organizers Langston and Tim Bowden, a UMaine aquaculture professor. Over 20 species of fish, shellfish and sea vegetables are farmed in Maine, with salmon, oysters and mussels being the largest producers, the researchers say. “UMaine has renowned scientists who are responsible for a lot of aquaculture research. Maine and UMaine are known across the world for aquatic animal health research,” Langston says. Aquaculture is one of seven targeted technology sectors recognized by the state for investment and support, according to the Maine Technology Institute. “Aquaculture — farming in water — offers an incredible opportunity for Maine, which has a strong tradition working on the water, to maintain economic and cultural connections to the sea,” Langston says, adding aquaculture could provide a sustainable solution to combating global food insecurity. [Fish and Shellfish Immunology](#), the official journal of ISFSI published by Elsevier, is expected to print a special issue to accompany the conference. The deadline to submit abstracts for oral and poster presentations is Feb. 10. Abstracts are to be submitted [online](#) using a Digital Commons account. Although this is the second international conference of ISFSI, the group has been meeting for more than 25 years, according to the conference [website](#). In 1990, fish immunologists from all Nordic countries initiated a collaboration, the Nordic Society of Fish Immunology (NOFFI), to reduce diseases in aquaculture. The group met for the first time in Copenhagen in 1990, with several meetings in the years that followed throughout the Nordic territory. In 2007, NOFFI changed its name to European Organisation of Fish Immunology (EOFFI) to extend its activities to other countries. Meetings were then held in Scotland and Italy, where it was decided to establish a new International Society of Fish and Shellfish Immunology in 2010. More about the conference, including a [program](#) and [registration](#), is [online](#). Conference sponsors include ARI, Fish and Shellfish Immunology journal, ISFSI and FishVet Group. For more information, to request a disability accommodation, or to become a sponsor, contact Langston at anne.langston@umit.maine.edu, 581.4397; or Bowden at timothy.bowden@umit.maine.edu, 581.2772. Contact: Elyse Kahl, 207.581.3747

Registration open for 9th annual Healthy High race

02 Feb 2016

The 9th annual Healthy High 5k/10k and 1-mile run/walk will be held at the University of Maine at 4:20 p.m. Wednesday, 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 and will begin at 4:30 p.m. Registration is available [online](#) or in the Memorial Union, Room 235. 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 clothing

exchange. In addition, donations of used footwear will be collected for Soles4Souls. Prizes and T-shirts will be awarded to 5k and 10k participants. UMaine employees who take part will earn RiseUP wellness points. Volunteer opportunities are available on race day from 10 a.m. to 6:30 p.m. For more information about volunteering, email Mamie Clarke, mamie.clarke@umit.maine.edu. For more about the event or to request a disability accommodation, visit the race [website](#), call the Student Wellness Resource Center at 581.1423 or email christopher.walters@umit.maine.edu.

2016 ‘M’ Club Dean Smith Award winners announced

02 Feb 2016

The University of Maine has named cross country and track athlete Jesse Orach of Gorham and women’s basketball player Sigi Koizar of Vienna, Austria the recipients of the 2016 “M” Club Dean Smith Awards. The awards are presented annually to the top male and female student-athlete with outstanding academic and athletic achievement along with citizenship and community service. Orach, a senior captain, was awarded a gold medallion at the annual Scholar-Athlete Recognition Ceremony, recognizing him as a four-time scholar-athlete. He holds a 3.95 GPA, majoring in chemical engineering with a mathematics minor and also is pursuing the fifth-year master’s in business administration degree. Orach, a Presidential Scholar and a National AP Scholar with Distinction, received the America East Elite 18 award for highest academic achievement of all cross country participants in the America East Championships. Orach is a Pulp & Paper Foundation Scholarship recipient and last spring completed a seven month co-op with Verso Corp. He is a six-time Dean’s List honoree and a three-time America East All-Academic team selection. The senior distance runner volunteers at middle and high school cross country practices and meets. He is involved in Student-Athlete Advisory Committee events on campus, has been an organic chemistry tutor at UMaine and also volunteered his time through his church and local soup kitchens. Koizar, a junior guard for the UMaine women’s basketball team, was awarded a silver medallion at the ceremony. She majors in biology with a premedical concentration and a chemistry minor with a 3.957 GPA. She has been selected to the America East Commissioner’s Honor Roll three consecutive years and also earned a spot on the America East All-Academic team. Koizar, a Presidential Scholar and five-time Dean’s List honoree, is a two-time member of Team Maine which is awarded to the highest GPA on each individual team at UMaine. In the community, Koizar has volunteered in several roles including delivering turkeys for Manna Ministries, wrapping presents for Ronald McDonald House and working at many UMaine summer camps. She helped organize a youth clinic in Millinocket where she spent part of her high school career. She also has spent the past three years as a volunteer at Asa C. Adams Elementary School in Orono and participated in the UMaine “Maine Hello” program, welcoming incoming students. Also at the awards ceremony, the UMaine Athletics Department named its eighth annual “Team Maine” representing the top sophomore, junior or senior achieving the highest grade point average for the calendar year 2015. More information about Orach and Koizar, as well as a full list of Team Maine student-athletes, is online. categories: athletics, campus announcements, cumberland, penobscot, engineering, liberal arts and sciences, maine business school, natural sciences, forestry, and agriculture

WVII covers Downtown Bangor Public Humanities Day

02 Feb 2016

WVII (Channel 7) reported on the fourth annual Downtown Bangor Public Humanities Day hosted by the University of Maine Humanities Center. Free events for participants of all ages were offered at venues including the University of Maine Museum of Art, Bangor Public Library and Maine Discovery Museum in an attempt to create a better forum for connecting the UMaine community with the general public. The events included readings by Norumbega Collective authors at the library. “We believe that it benefits the community to have exposure to the arts in general, but literary arts in specific because it’s really something that hasn’t been as strong in this area,” said Meghan Dowling of the Norumbega Collective.

BDN, WABI report on ‘M’ Club Dean Smith Award winners

02 Feb 2016

The [Bangor Daily News](#) and WABI (Channel 5) reported University of Maine cross country and track athlete Jesse

Orach of Gorham and women's basketball player Sigi Koizar of Vienna, Austria, received the 2016 "M" Club Dean Smith Awards during the Scholar-Athlete Recognition Ceremony. 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.

Hopkins speaks with MPBN about early sap flow

02 Feb 2016

Kathy Hopkins, a maple syrup expert with the University of Maine Cooperative Extension, spoke with the [Maine Public Broadcasting Network](#), WABI (Channel 5) and [Portland Press Herald](#) for reports about maple sap running early due to warmer weather. Early sap runs have been sporadic in the state and region at this point, according to the MPBN report, but Hopkins said she expects more sap to flow and boilers to fire up throughout the week. "The seasons have been eclectic lately," she told MPBN. "They've been kind of all over the place — starting early, and last year it was actually very late, and if you go back through the record you can find early and late starts throughout history." The MPBN report also was published by the [Bangor Daily News](#) and cited in a [Mainebiz](#) article on the topic. The Mainebiz report also included statistics from UMaine economist Todd Gabe. Including multiplier effects, Gabe found Maine's maple syrup industry annually contributes \$49 million in revenue, 805 full- and part-time jobs and \$25 million in wages to the state's economy, the article states.

AP, WLBZ report on UMaine testing of cross-laminated timber

02 Feb 2016

The Associated Press and [WLBZ](#) (Channel 2) reported scientists and engineers at the University of Maine are evaluating the performance of Maine trees in a kind of lumber that is used to build homes in Canada and Europe. The researchers want to see how trees that grow in Maine and the northeastern U.S. perform in cross-laminated timber, which is made from solid and composite lumber, according to the article. UMaine received \$300,000 from the U.S. Department of Agriculture for the project, the article states. The AP report was published by Maine Public Broadcasting Network and SFGate and cited by [Mainebiz](#).

UMaine Extension bulletin provides tips on plant creation

03 Feb 2016

University of Maine Cooperative Extension has published a new bulletin about creating new plants that covers seed production and storage, soil conditions, transplanting and dissemination by cuttings and divisions. "[Plant Propagation in Maine](#)" was edited and revised by David Sorensen, University of New Hampshire Cooperative Extension educator emeritus, and Kate Garland, UMaine Extension horticulturist. For more information, to obtain bulletins for \$2 each and to download the bulletin for free, visit the [website](#) or contact 581.3792, extension.orders@maine.edu.

Department of Art accepting applications for after-school program

03 Feb 2016

The University of Maine Department of Art is accepting applications for the after-school ArtWorks! Program. As it has for more than 30 years, UMaine's Art Education Program will offer 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 artworks. 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 April 1 and continue through April 29. The 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, a UMaine art professor. Participants will be able to work with diverse media as they explore the ways in which experiences with art help encourage creative expression, manipulative skills, as well as ways of seeing and understanding the visual world. This semester, students will consider and make art as a means of envisioning the nature of imaginary places. 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 Feb. 22. For more information or an application, contact Hicks at 581.3247, laurie.hicks@umit.maine.edu. Lord Hall is wheelchair accessible.

Segal included in Metro article on 30th anniversary of Challenger disaster

03 Feb 2016

Howard Segal, a history professor at the University of Maine, was interviewed by [Metro](#) for an article about commemorating the Space Shuttle Challenger disaster on its 30th anniversary. When asked how safe space programs are now, Segal said they are safe as long as they don't involve humans. "The real problem, of course, is that most Americans, among others, no longer care about exploring outer space and the huge costs involved. Also, most Americans, at least, don't want the government to spend huge sums on space programs, unlike, say, the 1960s with President Kennedy," he said.

Maine Edge advances Lewis' painting exhibit

03 Feb 2016

The Maine Edge reported the Lord Hall Gallery at the University of Maine will present an exhibition of the landscapes of UMaine art professor Michael H. Lewis. "Deep Roots/Old Strength," which runs from Feb. 5 through March 25, includes a selection of Lewis' paintings dating from 1967–2008. An artist's reception is scheduled from 5:30–7 p.m. Feb. 5. 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.

BDN publishes op-ed by Howard

03 Feb 2016

The [Bangor Daily News](#) published the opinion piece, "When inequality is too great, is it time to consider socialism?" 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.

Bolton offers advice on food dating, 'best by' labels in Sun Journal column

03 Feb 2016

Advice from Jason Bolton, a food safety specialist with the University of Maine Cooperative Extension, was included in an answer to a Sun Journal reader's question about what the dates on cans really mean. Bolton said there is no universally accepted food dating system in the United States, so some of the information printed on cans is situational depending on the product and the company that produced it. Dating cans is a voluntary practice in this country, and some manufacturers don't even perform shelf-life studies to determine how long a product will last, which Bolton always recommends, according to the article. Words appearing on cans such as "best if used by" are freshness dates, meaning the can's contents have the best quality before that date, however, they may still be edible and safe for consumption, the article states. Bolton said potentially hazardous foods, such as meats, fish, dairy and eggs have expiration dates on them that are still quality related, but it's best to err on the side of caution when dealing with food.

UMaine women's basketball team excels in academics, BDN reports

03 Feb 2016

The [Bangor Daily News](#) published an article about the academic success of members of the University of Maine women's basketball team. Team member Sigi Koizar recently received the 2016 "M" Club Dean Smith Award, which is presented annually to UMaine's top female and male student-athletes who have demonstrated outstanding academic and

athletic achievement along with citizenship and community service. Koizer became the second consecutive member of the women's basketball team to earn the honor, with Liz Wood receiving the award in 2015, according to the article. "Sigi and Liz are both incredible, and they maximize their opportunities here," said UMaine women's basketball head coach Richard Barron, who added they set a good example for teammates, fellow athletes and children in the community. "They're tremendous role models," he said. The team posted a cumulative team GPA of 3.561 during 2015, and each of the 16 players were recognized during this year's Scholar-Athlete Recognition Ceremony for attaining at least a 3.0 GPA for 2015 or maintaining a cumulative 3.0 GPA, the article states.

Kelley speaks with WLBZ about Eastport earthquake

03 Feb 2016

Alice Kelley, an instructor in the School of Earth and Climate Studies at the University of Maine, spoke with [WLBZ](#) (Channel 2) about a magnitude 3.3 earthquake that hit off the coast of Eastport. Kelley said it's unusual to see seismic activity in the area. "For people who experience earthquakes frequently, this is actually rather small," she said. "China rattles, things may fall off a shelf. The most active part of the North American plate that's closest to us is in the mid-Atlantic so earthquakes here are very rare." The UMaine seismometer didn't detect any aftershocks, according to the report.

Cutler offers spring semester public health information

04 Feb 2016

UMaine's Cutler Health Center has public health information [online](#) about two viruses in the news: seasonal influenza and Zika. For more information on the availability of a flu vaccine, UMaine community members can call 581.4000.

UMaine, Orono police launch pedestrian safety campaign

04 Feb 2016

The University of Maine is partnering with the Orono Police Department to launch Heads Up, a pedestrian and crosswalk safety campaign. In 2015, the state experienced the highest number of pedestrian deaths in almost 20 years. On campus and in Orono, officials have received numerous complaints of "near misses" of pedestrians in crosswalks, as well as reports of drivers simply not stopping for pedestrians waiting to cross. The goal of Heads Up is to raise awareness that drivers on campus and in Orono need to slow down and pay attention for pedestrians trying to cross in crosswalks. In addition, pedestrians are reminded of the need to use crosswalks and sidewalks where possible, avoid wearing dark clothing at night, and look both ways before crossing a road. When walking at night, reflective clothing and flashlights are recommended. For more information on Heads Up, call the UMaine Division of Student Life, 581.1406.

BDN advances chamber music program

04 Feb 2016

The [Bangor Daily News](#) published a feature article on musician and teacher Laurie Smukler ahead of her all-Bartok program at 3 p.m. Feb. 7 at the University of Maine's Minsky Recital Hall. Smukler, who is on the faculty of The Juilliard School in New York City, will perform on violin with pianist Robert McDonald. The program will include Bela Bartok's Rhapsody No. 1, Deuxieme Sonata and Premiere Sonata for violin and piano, according to the article. Smukler has taught at Purchase College Conservatory of Music and Bard College Conservatory of Music, both in New York, and for years she has worked in Maine, returning to Blue Hill each summer to teach at Kneisel Hall, the article states.

Accounting students offering tax filing help, media report

04 Feb 2016

WABI (Channel 5) and [WVII](#) (Channel 7) reported 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 Martha Broderick, Esq., a lecturer of business and commercial law. Free help sessions will be available by appointment through April 15, excluding March 7–21. Appointments are available 11:30 a.m.–2 p.m. Thursdays in the third-floor faculty lounge in D.P. Corbett Business Building on campus, and from 11:30 a.m.–3 p.m. Fridays, at the Orono Public Library, 39 Pine St. To make a required appointment, contact Broderick at marthab@maine.edu.

Potato variety developed by UMaine gaining international interest, BDN reports

04 Feb 2016

The [Bangor Daily News](#) reported the Caribou Russet, one of three new potato varieties released by the Maine Potato Board and University of Maine in the past two years, is gaining traction in the market. Maine Potato Board officials voted in January to allow the board's executive staff to discuss an international licensing arrangement for the Caribou Russet with McCain Foods, the world's largest producer of french fries, according to the article. The board and UMaine license the variety in the U.S. and Canada, but McCain Foods is interested in paying for the rights to license it in other countries, the article states. The Caribou Russet is a cross between a Silverton Russet and a Reeves Kingpin and was developed under UMaine professor Greg Porter, who leads the university's potato breeding program in a partnership with the Maine Potato Board. Fresh Plaza also published the BDN article.

Media cover 18th annual UMaine Career Fair

04 Feb 2016

WLBZ (Channel 2), WABI (Channel 5) and WVII (Channel 7) reported on the University of Maine Career Center's 18th annual UMaine Career Fair. More than 140 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. "It's a great time because companies are starting to hire now, students are getting ready to look, they've got to plan ahead," Crisanne Blackie, director of the Career Center, told WABI. "Graduation is in May. It's not too far away, so people really need to start looking at this point in time." WLBZ reported on new features at the state's largest career fair, including the "Careers by Simplicity" app that allows students to filter participating employers by available positions and preferred majors, as well as a headshot photo booth and a live Twitter stream.

For Heller, ancient trash heaps hold clues to healthy future fisheries

04 Feb 2016

At age 7, Sky Heller was captivated digging through a buried trash heap protruding from an eroding bank at her family's farm in the foothills of Pennsylvania. "When I found out I could do it for a career, I've never looked back," says Heller, now a Ph.D. candidate in anthropology and environmental policy at the University of Maine. It's important that archaeology — knowledge gained from studying past humans through material remains — is relevant for people today, Heller says. So for her Ph.D. project, the archaeologist is analyzing 4,200-year-old fish bones she found in trash heaps — or middens — to support healthy fisheries in the continually warming Gulf of Maine. Scientists say the Gulf of Maine — sometimes called a sea within a sea — is warming faster than 99 percent of the planet's oceans. Since the early 1980s, the temperature in the Gulf of Maine, which extends from Cape Sable in Nova Scotia to Cape Cod in Massachusetts, has annually climbed about a half-degree. And estimates indicate its temperature will climb another 4 degrees Fahrenheit by the end of this century. To prepare for that future, Heller is investigating what the Gulf of Maine ecosystem was like 4,200 years ago. It was warm then too, although not because of human-caused climate change. To learn which fish species thrived then in the Gulf of Maine, Heller is excavating archaeological sites along the coast of Maine and New Hampshire. Most days last summer, Heller and a team of researchers excavated a site in Seabrook Marsh, in the shadow of Seabrook Station Nuclear Power Plant in New Hampshire. To reach the marsh, they timed the outgoing tide to have sufficient water in which to make the 30-minute paddle out a canal to the bay, then toward the marsh in another canal. At low tide, when the archaeological site was exposed, they'd dig for four hours and take

photographs and do paperwork. The results of their labor — 100-plus bags of soil with 3,600- to 4,200-year-old refuse of fish bones and shell remnants — are in Heller's lab in the basement of South Stevens Hall. At the end of last summer and into the fall, Heller also excavated a site in Blue Hill, Maine. And two summers ago, she collected fish remains and shells from another site in Sorrento, Maine. Heller, who wears earrings sporting bronze casts of eagle talons, says it's critical to complete excavation at these valuable sites because sea-level rise and extreme weather are swiftly eroding them. From other scientists' research, it's known that swordfish, a warm water species, lived in the Gulf of Maine up to about 4,200 years ago. Swordfish remains and tools made from their upper jaws — or swords — have been recovered from this era in the area. But around 4,200 years ago, Heller says the Gulf of Maine cooled and swordfish disappeared. Oysters and quahogs, which are largely no longer present in the Gulf of Maine, were present then in large quantities. Heller says data provided by remains of smaller fish and shells will shed light on what a healthy, warm Gulf of Maine ecosystem was like prior to massive fishing pressure. It also will provide information about how the abrupt cooling affected the Gulf of Maine ecosystem and the marine resources that people relied on culturally and economically. The record will reveal changes in marine species' ranges in what's called a temperature-driven alternate ecological state, says Heller, who adds the Gulf of Maine may be returning to such a state. In 2012, NOAA reported the average sea surface temperature from the Gulf of Maine to Cape Hatteras, North Carolina was the warmest in 150 years (57.2 degrees F). The prior 30-year average was 54.3 degrees F. The warming has resulted in consequences for fishermen and women, says Heller, referencing the record-setting ocean heat wave of summer 2012, the ensuing early glut of lobsters in Maine and the subsequent price crash. Lobsters and cod are two Gulf of Maine species moving north into cooler waters. Black sea bass also are moving north — into the Gulf, says Heller. According to a 2009 NOAA report, for 40 years, half of 36 fish stocks being studied in the Northwest Atlantic Ocean have been migrating north. During her doctoral project, she'll research a number of topics, including fish biology, circulation in the Atlantic, fisheries policy and tides. "I was accused once of having academic schizophrenia," Heller says. "With archaeology, it's all right to be interested in everything." She says she'll share her findings with marine stakeholders for use in crafting conservation and sustainability policies aimed at helping fisheries adapt as the Gulf of Maine warms. Heller, who earned her master's in quaternary climate studies with a focus in prehistoric archaeology from the university's Climate Change Institute, is a Chase Distinguished Research Assistant and an Integrative Graduate Education and Research Traineeship (IGERT) Research Fellow. IGERT, sponsored by the National Science Foundation, is a joint program of the university's Climate Change Institute and the School of Policy and International Affairs. Its focus is adaptation to abrupt climate change. Brian Robinson, Heller's adviser and an associate professor in the Department of Anthropology and Climate Change Institute; undergraduate Emily Blackwood, an anthropology major from Auburn, Maine; and Peter Leach, a doctoral student at the University of Connecticut who earned his master's degree and undergraduate degree at UMaine, assisted Heller at Seabrook Marsh. So too did Heller's husband, Andrew Heller, an archaeologist with a master's from the University of Arkansas, and Richard Boisvert, New Hampshire's state archaeologist. Nearly three decades after searching for treasures in a trash heap in Pennsylvania, Heller is seeking to glean data from 4,200-year-old middens on the coast of Maine and New Hampshire. Fisheries in tomorrow's Gulf of Maine may well benefit from her exploration. Contact: Beth Staples, 207.581.3777

Adam Barker-Hoyt: Alumnus offers energy alternatives for Mainers

04 Feb 2016

Adam Barker-Hoyt spent 12 years studying at the University of Maine, where he received dual bachelor's degrees in mathematics and philosophy, and a master's degree in mathematics. For some, mathematics and philosophy might seem like an odd match, but for Barker-Hoyt, knowledge of both have helped him successfully run his business. "Since my focus in philosophy was ethics and justice, my philosophy background is well utilized for managing a business," he says. Hailing from Bangor, Maine, Barker-Hoyt is now the founder, owner and CEO of [Maine Alternative Comfort](#), which specializes in installing and servicing mini-split heat pumps. Barker-Hoyt founded MAC in 2011 with the intent of providing Mainers with a greener, economic alternative to oil. At UMaine, Barker-Hoyt explored topics such as abstract mathematics, links between music and mathematics and mathematical analysis in voter theory. He also started a tutoring business, teaching various levels of mathematics. "UMaine has made all the difference in my education, since I wanted to stay in Maine and have the best investment in my education," says Barker-Hoyt. The mission statement for MAC is simple: help Mainer's reduce CO2 emissions to help "combat climate change in the most cost-effective, time-efficient manner available." In addition to providing planning, installation and service, MAC performs research and analysis on the effectiveness of Fujitsu mini-split heat pumps and gives educational presentations throughout the state.

According to Barker-Hoyt, the company is helping to reduce the use of oil by about 450,000 gallons in Maine per year. Over the lifetime of the business, he estimates that the installation of heat pumps has reduced Mainers' use of oil by nearly 1,000,000 gallons. Barker-Hoyt also adds that heat pumps reduce CO2 emissions by about 6,556,500 pounds per year, and over the last five years, they have reduced CO2 emissions by about 14 million pounds in Maine. "Replacing a dirty fuel with a clean, highly efficient one means that you are reducing CO2 by a large amount since much of our CO2 emissions are produced from heating our homes," he says. In the last five years, Barker-Hoyt's company has installed more than 1,500 units — up from the nine sold in the first year. According to Efficiency Maine, MAC is second in Maine for number of installations, which Barker-Hoyt attributes to referrals and return customers. "Customer service and quality has been the focus," he says. Barker-Hoyt says treating people respectfully so they feel appreciated and valued is important to building a successful business. "We see major growth every year according to the numbers. And, while the super low oil prices are definitely cutting into this past year's business, we are only down about five percent from last year when oil was twice the price and we had half the competitors," he says. In the early days of his business, Barker-Hoyt bought equipment with his credit card and worked out of a borrowed truck. He now manages multiple installer teams, a service team, a sales team and an office team. "If you make your life's work something that aligns with your beliefs and (more importantly) making those things happen, then you can work day by day doing what needs to be done and feel good at the end of the day. I feel that this business does this for me and much more," he says. And he credits much of his success to the opportunities available at the University of Maine. "Many of my connections that have aided with developing the business have come from or are affiliated with UMaine," says Barker-Hoyt. "I would never have been able to have done what I've done without the education and assistance I have received. UMaine is truly top-notch."

Ewa Kleczyk: Economics alumna builds career in pharmaceutical industry

04 Feb 2016

Ewa Kleczyk, executive director of commercial effectiveness analytics for Symphony Health Solutions and a University of Maine alumna, credits her economics degrees and time at UMaine with helping her pursue a career in the pharmaceutical industry. "I think the small classes and the willingness of professors to truly coach and mentor us was one of the things that helped me in my overall career," she says, adding the university provided her the platform to learn and grow professionally. Kleczyk, who grew up in Wroclaw, Poland and currently lives in Pennsylvania, earned a bachelor's degree in economics at UMaine in 2001 and a master's degree in resource economics and policy in 2003. She then went on to earn a doctorate degree in economics from Virginia Tech in 2008. With an interest in the health care industry, Kleczyk sought a job in that sector that would put her economics background to use. At Symphony Health Solutions in Conshohocken, Pennsylvania, Kleczyk found a place where she can assess the therapy treatments being prescribed to patients as well as monitor the effects of policies on the health care industry in the U.S. Symphony Health Solutions provides data, applications, analytics and consulting to help companies gain insight into the pharmaceutical market. In her role at the firm, Kleczyk is responsible for product delivery, new product development, consulting services with pharmaceutical clients, as well as leading a team of 15 people in India and the U.S. Kleczyk has given presentations at several conferences, including the Pharmaceutical Business Intelligence Research Group and Harvard University's Global Conference on Business and Economics. She has been published in journals including the Journal of Medical Marketing, Marketing Bulletin and Journal of International Business & Economics. An advocate for women's rights in the workplace, Kleczyk has been involved in several women's organizations, including the Healthcare Businesswomen's Association and the International Women's Leadership Association (IWLA). In September 2015, she was named one of the Top Female Executives by IWLA. Kleczyk returns to UMaine several times a year to meet with her former professors and current students. She speaks with students about her career and offers advice on finding jobs, learning necessary skills and choosing the right profession. **What is some advice you give students?** First of all, understand what you're passionate about. Whether you are getting an education or are working for a company, you need to love — or at least like — what you do. The second thing is to take the initiative to pursue what you want to do. Understand what you want to do in your career and ask for those opportunities of your managers and peers. Ask your manager how you can get to the next level and if you will have opportunities coming up in the near future to gain the needed experience. The next thing is networking. Women often discount networking opportunities but in most cases this is where all the relationships are built and the new career-movement opportunities are being revealed. So I always highly recommend to do that. And finally, understanding priorities. It is very important to understand what you are doing right now and what's important in the current stage of your life in order to fully leverage the opportunities

that are provided. The University of Maine is definitely a great school to be, and I think everybody should be very proud they are studying here. They should leverage all of the opportunities provided from the classes to the professors to the different clubs and all of the social activities that the school provides. Being at a school that is small but large at the same time — I think — is the perfect place to really shape your young careers and ultimately your entire life. **Why did you choose to study economics?** I was always interested in mathematics. Economics was one of the things that came to me naturally. In high school I pursued business in Poland, so I was exposed to that. When I came to UMaine it was something I wanted to pursue as a full-time degree and ultimately as a career. **You've been praised for promoting women in science. Why is that issue important?** This is one of the concepts that is very dear to my heart. I think there is still a lot of work that's needed to be done to ensure that women are on the same footage or equal level to men in a lot of the science industries, including the pharmaceutical industry. Speaking to other women allows me to promote what I do, give them the advice on what they should be doing in order to succeed, and let them know they are not alone in some of the feelings they have. **Why UMaine?** I came to the University of Maine after I was an exchange student in Belfast, Maine during high school. I was very fortunate to be living with an American family, and it was one of the schools that provided me the opportunity to come here, expand my stay in the United States, and offered me an educational opportunity that I otherwise would have not had if I returned to Poland. I'm very thankful for everything the university has done, including the fact that I have noticed in my own career, as well as a manager, that the students coming in from the University of Maine are as qualified and as hard working, if not even more hard working, than other students coming from universities around the country. Personally it gave me the platform to learn what I needed to learn and provided the platform for me to move up in my career. **Did you work closely with a professor or mentor who made your UMaine experience better?** A few of them that are still here would be Mario Teisl, Gary Hunt and Philip Trostel in the School of Economics. Deirdre Mageean was my main mentor and adviser. She was passionate about mentoring other women so they can be successful in their careers. **What was your favorite place on campus?** I think we all liked the Bear's Den. It was very different when I was an undergraduate. It opened up to the current location when I was in graduate school, but it was still different. We had a lot of good times, meeting up with friends and enjoying our time together. **Do you have a memorable UMaine moment?** The hockey games were always something that we all were happy to attend, and being able to see during my time the hockey team going into the championships and winning the first year I was here, I think will be something I will always remember. The entire university celebrated and all of us — students and faculty, everybody — came together to cheer toward one uniform goal. **How does UMaine continue to influence your life?** My husband is from Maine, so we keep coming back here, and I'm always happy to be back in Maine. Now that I'm here more often, almost every quarter, I try to visit the university and meet with my former professors and some of the administrative staff that are still here. I'm always very happy to come back here. It's definitely a school where my young life was shaped, and I'm also happy to be back and now try to shape other students' lives as well and give them a little bit of perspective of what the real life is and what we look for as the hiring managers when it comes to recruiting and providing opportunity to others. **What are some of your goals either professionally or personally?** I would like to, in maybe five or 10 years, own or personally run a consulting company. I think there is a lot to do in the pharma industry still and having the opportunity to further impact my clients and provide the analytics and insights that data provides us with is very important to me, and I would like to have a greater responsibility for doing so.

Climate change and the rise of the Mongol Empire

05 Feb 2016

Could the rise of the Mongol Empire, the greatest land empire ever on Earth, have been linked to climate change? Aaron Putnam thinks so. In 2010 and 2011, Putnam, previously at Columbia University and now an assistant professor in the School of Earth and Climate Sciences and the Climate Change Institute at the University of Maine, traveled to the Tarim Basin in northwestern China to develop a record of how quickly the mountain glaciers of the Tien Shan retreated at the end of the last ice age. The basin, which includes the Taklamakan and Lop deserts, is twice the size of the U.S. Great Basin. Putnam, a UMaine alumnus, was accompanied by his father, David, an archaeologist and climate scientist at UMaine Presque Isle. The interdisciplinary team also included researchers from the Lamont-Doherty Earth Observatory of Columbia University; University of New South Wales; China Meteorological Administration; University of Nevada, Reno; the Swiss Federal Institute of Technology; University of California, Irvine; and Xi'an Jiaotong University. "My broad goal is to unearth the record of past climate to decipher how the climate system responds to forcing factors, such as atmospheric CO₂, and under what circumstances the climate system could jump abruptly," said Putnam. During their

travels in the Taklamakan Desert — the second largest shifting-sand desert in the world located in northwest China — they found unusual sediments. They discovered stands of dead, water-loving trees, as well as sediments that were deposited by water. Nestled between China's Kunlun and Tian Shan mountains, approximately 85 percent of the Taklamakan Desert has little to no vegetation. "We could tell right away that the region had seen extraordinary hydroclimatic shifts, so we set about applying 14C and tree-ring dating to determine when the region was significantly wetter than today," said Putnam, whose findings were recently published in the journal *Quaternary Science Reviews*. They collected wood and bivalve shell samples from the Taklamakan Desert and the Lop Desert, which historically was the site of a large lake known as Lop Nor. Using radiocarbon dating methods, the researchers found that living trees, water-loving reeds, and a huge Lop Nor lake were present in what is now the desert as early as A.D. 1180 until at least as late as A.D. 1820. Growing trees means a wetter-than-present climate in the basin and across much of the Asian desert belt. Putnam and his collaborators concluded that the spread of the Mongol Empire from A.D. 1206 to A.D. 1241 was coeval with the early phase of the Little Ice Age glacier expansion in northern middle latitudes, which impacted atmospheric circulation patterns, water balance and the spread of grazing land which fueled Mongol conquests across Eurasia. The paper suggests a variety of ways in which the wetting of the interior Asian deserts at the onset of the Little Ice Age, which was Earth's last cooling event, may have contributed to the rise of the Mongol Empire. Wetter conditions may have fueled military conquests by providing "greener" mid-latitude Asian deserts, producing more food resources for the cavalry horses. The researchers also suggest that the southward expansion of the grasslands in response to colder, wetter conditions beginning in the late A.D. 1100s helped provide food for the horses that the cavalry relied on for transportation across the Eurasian deserts. "Given that the Mongol rise was fueled by horsepower, and that horses are fueled by grass, and that grass requires water to grow, I do think that climatic factors may have played an important, if not essential role in the spread of the Mongol Empire," said Putnam. The researchers suggest that the southward shift of interior Asian ecological zones may have caused a southern shift of pastoralists. Prolonged snow and ice cover at the onset of the Little Ice Age could have resulted in a southern migration for pastoralists. Since the late 19th century, drying in the Taklamakan and Lop deserts has coincided with overall diminution of water across much of the Asian desert belt. Lowering of the Tarim Basin water table over the past century has accompanied climatic warming. Although Putnam's research is working to understand the past, it could also shed light on the relationship between climate change, human culture and how water resources might respond to future atmospheric warming. "Climate-society connections identified from the past can provide important lessons for our species as we enter into a world with over seven billion people, centralized food distribution systems, and a changing climate," said Putnam, who holds UMaine's George H. Denton Professorship of Earth Sciences. "As global temperatures rise, moisture patterns will shift. Northern Hemisphere drylands are likely to expand northward. This will have important implications for water availability and food security on Earth's most populated continents." Contact: Margaret Nagle, 581.3745

Cohen Institute to host lecture on 2016 presidential election

05 Feb 2016

The Cohen Institute for Leadership & Public Service at the University of Maine will host a lecture on the 2016 presidential election on Feb. 11. L. Sandy Maisel, the William R. Kenan Jr. Professor of Government at Colby College, will speak at 4 p.m. in Little Hall, Room 140, two days after the New Hampshire primary. Maisel is an internationally recognized expert on campaigns, elections and political parties. The event is free and open to the public. For more information or to request a disability accommodation, contact Richard Powell at 581.1872, rpowell@maine.edu.

Falkland Island News Network publishes report on Follow a Researcher

05 Feb 2016

The [Falkland Island News Network](#) carried a WLBZ (Channel 2) report about the University of Maine's Follow a Researcher program. For a second year, the University of Maine Cooperative Extension 4-H is offering the program that aims to connect K-12 students in Maine and around the country to UMaine researchers in the field. From Jan. 14 through Feb. 13, participants will watch as Kit Hamley, a graduate student at UMaine's Climate Change Institute, travels to the Falkland Islands to research an extinct species of fox called the warrah. 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. Hamley said she is excited about the effect she will make on the lives of students through this enrichment program, according to the report.

Students in Tufts Maine Track Program focus of Boothbay Register article

05 Feb 2016

[Boothbay Register](#) published a LincolnHealth article about two students in the Maine Medical Center-Tufts University School of Medicine Maine Track Program. Maine Track Early Assurance reserves a limited number of seats per year for sophomores from University of Maine System institutions, Bowdoin, Bates and Colby. The program was established in 2008 with the hope that a significant number of its graduates will go on to practice medicine in Maine. Valerie Smith and Jennifer MacDowell, who were accepted into the program while students at the University of Maine, have spent the past eight months at LincolnHealth and other clinical locations in Lincoln County, according to the article. It was at UMaine where Smith realized she wanted to attend medical school, the article states. “I realized that as much as I liked doing research and working in the lab, it was the personal connection and interaction with patients that I really loved,” she said.

Engineering students helping Habitat for Humanity renovation, BDN reports

05 Feb 2016

The [Bangor Daily News](#) reported students in the University of Maine’s Construction Engineering Technology Program are helping with a Habitat for Humanity house renovation. Students in CET 458 Management of Construction are creating the design plans for a home in Bradley that was given to the Habitat for Humanity of Greater Bangor, according to the article. “Everything you see here will look completely different when it’s finished,” said Lynn Hempen, executive director of the organization. “Students from the University of Maine’s construction and engineering program are doing the plans for the new design. They’re also going to manage this renovation.”

Applications being accepted for Intermedia MFA program

08 Feb 2016

The University of Maine Intermedia MFA program is accepting applications until Feb. 28 for the fall 2016 semester. The Intermedia MFA program provides students with advanced study and practice in interdisciplinary art. It is a studio-centered creative interdisciplinary program committed to research, experimental technological production, as well as the individually guided development and production of hybrid forms of art such as time-based media, digital and video art, installation, performance art, artists’ books and multiples, conceptual art, community-based social art practices, net art, and other new forms that students may generate. The MFA program hosts a visiting artist series that brings a diversity of talent, perspective and experience through regular workshops, performances, lectures and studio visits. Graduate students also have access to the Innovative Media Research and Commercialization (IMRC) Center. The [IMRC Center](#) is a state-of-the-art facility with more than 1,500 square feet of studio, tools and facilities. Opened in 2013, the center is a hub for learning, creating and producing. Several scholarship opportunities are available at UMaine, including departmental graduate assistantships to qualified students, full scholarships to students of Native American descent, and discounted in-state tuition and fees for all New England residents. Application information is on the websites of the [Intermedia MFA program](#) and [UMaine Graduate School](#). For more information, visit the Intermedia MFA [website](#) or contact Eleanor Kipping at 356.2398, eleanor.kipping@maine.edu.

UMaine Extension bulletin cited in BDN article on starting seeds at home

08 Feb 2016

A University of Maine Cooperative Extension bulletin was cited in a [Bangor Daily News](#) article about how to start healthy seedlings at home. The publication, “[Starting Seeds at Home](#),” is full of good tips for gardeners, according to the article.

Brewer quoted in BDN report on Maine ballot questions, voter turnout

08 Feb 2016

Mark Brewer, a political science professor at the University of Maine, was cited in a [Bangor Daily News](#) article about the state's upcoming potentially historic ballot questions. In addition to the 2016 presidential election, Maine residents will cast their votes on topics including legalizing marijuana, raising the state's minimum wage and mandating background checks on private gun sales, according to the article. Brewer said opposition to the background check referendum could attract Republican voters while support for the marijuana question could draw out Democrats "a little bit." However, he didn't see any questions that would benefit one party over the other on balance, saying, "this is a presidential year," which will motivate voters, the article states.

BDN interviews Garland about winter gardening

08 Feb 2016

The [Bangor Daily News](#) spoke with Kate Garland, a horticulturist with the University of Maine Cooperative Extension, for the article, "From York to St. John Valley, winter can't stop gardeners." A growing number of Mainers are pushing the region's gardening season to produce fresh vegetables year-round, according to the article. "People are certainly doing it," Garland said. "How much or how involved depends on resources and how much [people] want to invest." Maine's growing season averages 124 days, and pushing the season on either end can be as simple or complex as people want to make it, according to Garland. She said the easiest way to get fresh greens in the winter is to go with simple trays, such as foil lasagna pans. Garland suggests filling them with potting soil and plant microgreens such as field peas on a sunny window ledge.

Shahinpoor included in Sun Journal article on advances in Maine medicine

08 Feb 2016

Mohsen Shahinpoor, a University of Maine mechanical engineering professor specializing in biomedical engineering, was mentioned in the Sun Journal article, "Medical wonders: The cool, new and unique in Maine medicine." Shahinpoor believes health care will see more smart materials and systems, such as artificial muscles made from polymers, which he has been working on, according to the article. Shahinpoor also cited a magnetically controlled device to stop incontinence, an invention by one of his recently graduated doctoral students who now works with pharmaceutical company Pfizer, the article states. "The future is in health engineering," Shahinpoor said.

UMaine makes list of 35 'beautiful' college campuses, BDN reports

08 Feb 2016

The [Bangor Daily News](#) reported the University of Maine was named one of "[35 great value colleges with beautiful campuses](#)" by the website greatvaluecolleges.net, which is dedicated to helping find inexpensive colleges and universities. Academic institutions were graded on affordability, awards and recognition, inclusion on other noteworthy "most beautiful college campuses" lists, notable features (such as significant architecture, famous buildings, outdoor activity centers, farms, botanical gardens, arboretums, historical relevance, etc.) location and full-time student retention rates, according to the article. UMaine's Orono campus was ranked sixth best, the article states. "The scenic setting of the University of Maine is complete with forests, the Stillwater and Penobscot rivers and impressive architecture," according to the list.

WGME reports technology company, UMaine collaborating on concussion research

08 Feb 2016

WGME (Channel 13 in Portland) reported Alba-Technic, a small technology company based in Winthrop, is collaborating with the University of Maine on concussion research. For more than 10 years, the company's founder and

creator has been working on a material that lessens the impact of collisions, according to the report. Alba-Technic and its patented shock-absorbing material were selected as a finalist in the NFL's Head Health Challenge. As one of five finalists selected from a field of 125 entrants, Alba-Technic won \$250,000 to continue its research, the report states. The company and UMaine researchers are working to perfect the product and win the \$500,000 grand prize.

BBC Radio interviews Kinnison about unnatural selection

08 Feb 2016

[BBC Radio 4](#) spoke with Michael Kinnison, professor of evolutionary biology at the University of Maine, for a report about accidental, inadvertent or unintentional selection and its effects on evolution. Kinnison said the evolutions humans cause can happen quickly, and one of the most studied and best understood examples is provided by fishing, according to the report. "Humans drive rates notably faster than we see in natural contexts," Kinnison said. "And some of the champions on that are processes like harvest, fisheries — where our analyses indicate that humans are driving evolutionary change at three times the rate that we see in natural context."

UMaine to host two Maine-based artists as part of Print Residency program

08 Feb 2016

The University of Maine Department of Art will host two Maine-based artists in February as part of its Print Residency program. From Feb. 8–12, sculptor Anna Hepler and painter Meghan Brady will work in collaboration at UMaine. The artists are scheduled to give informal presentations on their art and processes at 9 a.m. and 12:30 p.m. Feb. 9, as well as 4:30 p.m. Feb. 10 in the Wyeth Family Studio Art Center Printmaking Studio, Stewart Commons, Room 163. The Print Residency program invites professional printmakers, artists or master printers to work in the printmaking studio for a set period of time and contribute to academic print classes via lecture, demo, presentation or student engagement in print project and production. Brady, who lives and works in Camden, has shown throughout the state, but most recently at ICON Contemporary Art in Brunswick and part of the Portland Museum of Art's Maine Biennial this past fall. As an abstract painter and occasional printmaker, Brady works to find a combination of uneasiness and balance using her own language of bold shapes and restless compositions. Brady graduated from Boston University with an MFA in painting and is working toward a show of new work at New York City's Steven Harvey Fine Art Projects, Inc. Hepler has been based in Maine since 2002. She has exhibited at museums around the world, including the Museum of Contemporary Art in Tokyo; the John Michael Kohler Arts Center in Wisconsin; and the deCordova Museum and Sculpture Park in Massachusetts. She also has mounted solo exhibitions at New Mexico's Roswell Museum of Art and Suyama Space in Seattle, as well as several Maine locations including the Center for Maine Contemporary Art, Portland Museum of Art and University of Maine Museum of Art. Hepler has lived for extended periods in the Netherlands, Cyprus, South Korea and Italy. She was a Henry Luce Foundation Fellow in Seoul from 1999–2000 and has received support from the Artist Resource Trust, the Roswell Artist in Residence Program and the Maine Arts Commission. In her work, Hepler says she finds the thrill of creating and the excitement of training her mind and hands to manipulate unfamiliar materials. The Department of Art's Print Residency program is in its second year and typically hosts two to three artists per semester. Bill Ronalds, a printmaker, artist and illustrator from Rockland, Maine, will visit March 21–25 as part of the program. The informal Print Residency presentations are free and open to the public. Those interested in attending should contact Susan Groce at susan.groce@umit.maine.edu, as space is limited.

'Urinetown: The Musical' to be performed at UMaine Feb. 19–28

09 Feb 2016

Orono, Maine — More than 60 artists will take to the stage in the University of Maine School of Performing Arts production of the award-winning Broadway hit "Urinetown, The Musical," Feb. 19–28. in Hauck Auditorium. The satirical comedy by Mark Hollmann and Greg Kotis is the story of a bureaucracy run amok when a water shortage after a 20-year drought results in a ban on private bathrooms. Citizens are forced to pay to use public facilities operated by a ruthless corporation led by a corrupt capitalist who is forever raising prices. "Urinetown" features a Romeo and Juliet-style love story, a kidnapping and high jinks. It's witty, honest perspective on political corruption and corporate

oppression of the masses that has been popular with audiences and critics alike. “Urinetown: The Musical” is the winner of three Tony Awards for best book, best score and best Direction. It also won three Outer Critics Circle Awards, two Lucille Lortel Awards and two Obie Awards. The University of Maine production of Urinetown is a collaboration of over 60 students, faculty, staff and guest artists. The show is directed by UMaine Professor of Theatre Tom Mikotowicz, with musical direction by UMaine graduate student Ben McNaboe and choreography by Raymond Marc Dumont; Set design is by Dan Bilodeau, UMaine associate professor of theatre; lighting by Jonathan Spencer, Costume design is by Kevin Koski. Tickets are \$15, or free with a valid student MaineCard, and available [online](#) or at the door. For more information or to request a disability accommodation, call 207.581.1755. Contact: Meg Shorette, 207.581.4721

Sheep shearing schools slated for March, April

09 Feb 2016

The Maine Sheep Breeders Association and University of Maine Cooperative Extension will offer sheep shearing schools in March and April. Four instructors will teach beginner sheep shearing from 9 a.m. to 3 p.m. Saturday, March 5 at Wolfe’s Neck Farm, 184 Burnett Road, Freeport. The \$45 per person fee includes a shearing manual and lunch. A conventional shearing method will be taught with handheld electric shears. Enrollment is limited to 16. Spectators are welcome. Kevin Ford will instruct at a two-day blade shearing school 1–4 p.m. Friday, April 15, and from 8 a.m. to 3 p.m. Saturday, April 16, at Sabbathday Lake Shaker Village, 707 Shaker Road, New Gloucester. The \$120 per person fee includes a shearing manual and lunch Saturday. Participants will be taught to set up, sharpen and use nonelectric hand shears or blades. Enrollment is limited to 10; previous sheep-shearing experience is recommended. Shears will be available for purchase. Spectators are welcome. Registration is online. For more information, or to request a disability accommodation, call Melissa Libby, 581.2788, 800.287.7170 (in Maine).

Applications being accepted for after-school art program, Maine Edge reports

09 Feb 2016

[The Maine Edge](#) published a University of Maine news release announcing the University of Maine Department of Art is accepting applications for the after-school ArtWorks! Program. As it has for more than 30 years, UMaine’s Art Education Program will offer 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 artworks. The spring ArtWorks! session will run from April 1–29 with classes held 3:30–5 p.m. Fridays in Lord Hall on the UMaine campus. For more information or an application, contact Laurie Hicks at 581.3247, laurie.hicks@umit.maine.edu.

Brewer speaks with WVII about what influences voters

09 Feb 2016

[WVII](#) (Channel 7) interviewed Mark Brewer, a political science professor at the University of Maine, for a segment about the factors that sway voters. “Theories of voting behaviors is one of the most researched questions of political science,” Brewer said. “It is also one of the most difficult to answer.” He cited studies conducted at Columbia University that put voting choices into categories, including that voters are partisan and are heavily influenced by their parents views, that it’s all about the candidates and their platforms, or that voters look at their past or future choices. “People act politically as they are socially,” Brewer said. “If you are of working class background in the South, you are going to vote a certain way. If you’re a female of a certain age, you’re going to vote a certain way.”

University of Maine to host Mandela Washington Fellowship for Young African Leaders

09 Feb 2016



MANDELA WASHINGTON FELLOWSHIP

FOR YOUNG AFRICAN LEADERS

The University of Maine has been selected as one of 37 institutions nationwide as partners with the Mandela Washington Fellowship for Young African Leaders. Beginning in mid-June, UMaine will host 25 emerging public management leaders from Sub-Saharan Africa for a six-week academic and leadership institute, sponsored by the U.S. Department of State. The [Mandela Washington Fellowship](#), the 2014 flagship program of President Obama's [Young African Leaders Initiative](#) (YALI), empowers young African leaders through academic coursework, leadership training, mentoring, networking, professional opportunities and support for activities in their communities. Fellows are young leaders who have established records of accomplishment in promoting innovation and positive change in their organizations, institutions, communities and countries. The 25 Mandela Fellows at UMaine are among 1,000 young African leaders ages 25 to 35 who were selected from more than 43,000 applications. The fellows are being hosted at institutions across the United States this summer, studying in institutes focused on business and entrepreneurship, civic leadership, public management or energy. In addition, fellows will participate in community programming that offers insights into American culture. "The University of Maine's selection as a Mandela Washington Fellowship host partner is a testament to the school's ability to foster innovative thinking and inspire excellence," says U.S. Sen. Angus King. "UMaine is a place where new and exciting ideas are shared each and every day, and by bringing some of the best and brightest future leaders from Africa to share their perspectives and learn from experts here in Maine, this valuable cultural exchange program will benefit everyone involved." Working closely with the U.S. [Department of State's Bureau of Educational and Cultural Affairs](#) and its implementing partner, IREX, host institutions have designed academic programs that will challenge, inspire and empower the young leaders from Africa. The public management institute that will be hosted at UMaine is tailored to fellows who work or aspire to work in all levels of government, regional or international organizations, or other publicly minded groups and think tanks. Participants are introduced to U.S. models and best practices while building technical and leadership capacity in areas such as citizen engagement, human resource management, public financial management, and the intersection of government with business and civil society. In addition to UMaine, 11 other universities are hosting 2016 Public Management Institutes for Mandela Fellows, including Arizona State University, Syracuse University, Ohio State and University of Wisconsin, Madison. "UMaine is among a select group of top universities nationwide chosen to partner with the Mandela Washington Fellowship and make a difference on an international scale. This is a leadership role for the university and the state that has the potential to help shape the future, not only for these outstanding emerging leaders, but their countries," says UMaine President Susan J. Hunter. Carol Kim, UMaine vice president for research and dean of the Graduate School, will co-lead the institute with Jonathan Rubin, professor of economics with the Margaret Chase Smith Policy Center, and Daniel Dixon, director of sustainability. Following their six-week academic and leadership institutes, the Mandela Fellows will meet in Washington, D.C. for a Presidential Summit. Some also will spend six weeks in professional development training with U.S. nongovernmental organizations, private companies and government agencies. Upon their return, fellows receive ongoing professional development opportunities, including mentoring, networking and training, and seed funding to support their ideas, businesses and organizations, according to the Mandela Washington Fellowship website. More information about the Mandela Washington Fellowship is [online](#). Contact: Margaret Nagle, 207.581.3745

Blackstone leads Digital Commons downloads

10 Feb 2016

“Gender Roles and Society,” a 2003 encyclopedia entry by University of Maine sociology professor Amy Blackstone, is the most downloaded, full-text article currently available in [DigitalCommons@UMaine](#). “It is tremendously gratifying to know that my work has reached such a large audience. I’m stunned,” Blackstone says of the article’s nearly 20,300 downloads. Although the Digital Commons Readership Distribution map shows the article has been downloaded worldwide and by organizations as diverse as the Department of Defense and the Directorate of E-Government Kenya, by far, the greatest number of downloads occur at educational institutions in the American Mid- and Northwest. “Without Digital Commons, very few people would have ever seen the piece. It’s a good reminder that while citations of one’s work is a worthy and important measure of impact, the impact of our work can be seen in other ways as well,” Blackstone says. For help getting started self-archiving your scholarly work in Digital Commons, contact Kimberly Sawtelle at kimberly.sawtelle@maine.edu or your [library subject specialist](#).

History Department, Native American Studies Program to host public Wabanaki events

10 Feb 2016

The University of Maine History Department and Native American Studies Program will host two public events about Wabanakis in the 17th Century. At 2 p.m. Thursday, Feb. 11, Joseph Hall, a history professor at Bates College, will speak about “Declarations of Sale but not Departure: Wabanaki Claims to Place in Four Land Sales, 1660–1672.” The talk will include a discussion of a precirculated paper. Hall is the author of “Zamumo’s Gifts: Indian-European Exchange in the Colonial Southeast.” Contact Liam Riordan at riordan@umit.maine.edu for a copy of the paper and event location. A public lecture also will be held at 3:15 p.m. Friday, Feb. 12 in Hill Auditorium of Barrows Hall. Chris Bilodeau, a history professor at Dickinson College in Carlisle, Pennsylvania, will discuss “Executing an Indian in 17th Century Maine.” Bilodeau is the author of “Understanding Ritual in Colonial Wabanakia.” An informal social gathering will be held at the Black Bear Brewery and Taproom, 19 Mill Street in Orono, around 5 p.m. Friday following Bilodeau’s lecture. For more information or to request a visitor parking permit for campus, contact Riordan at riordan@umit.maine.edu or 581.1913.

Maine Edge reports on UMaine Extension bulletin on plant creation

10 Feb 2016

[The Maine Edge](#) published a University of Maine news release announcing the University of Maine Cooperative Extension has published a bulletin about creating new plants that covers seed production and storage, soil conditions, transplanting and dissemination by cuttings and divisions. “[Plant Propagation in Maine](#)” was edited and revised by David Sorensen, University of New Hampshire Cooperative Extension educator emeritus, and Kate Garland, UMaine Extension horticulturist. For more information, to obtain bulletins for \$2 each and to download the bulletin for free, visit the [website](#) or contact 581.3792, extension.orders@maine.edu.

Top Gun entrepreneurial program receives \$390,000 grant, WLBZ reports

10 Feb 2016

WLBZ (Channel 2) reported Sen. Angus King, U.S. Secretary of Commerce for Economic Development Jay Williams and U.S. Rep. Chellie Pingree announced the Maine Center for Entrepreneurial Development (MCED) will receive \$390,000 toward their Top Gun entrepreneurship accelerator program. The funds will help expand the program’s geographic reach, the populations served, and the services provided to Maine graduates, the report states. Top Gun is a partnership of MCED, the University of Maine and Maine Technology Institute, with support from Camden National Bank, as well as many local business sponsors, program advisers and mentors.

Maine Edge advances international fish, shellfish immunology conference

10 Feb 2016

[The Maine Edge](#) carried a University of Maine news release announcing the University of Maine Aquaculture Research Institute will host this year's international conference on behalf of the International Society of Fish & Shellfish Immunology (ISFSI). This is the second international conference of the ISFSI and the first time the global group of researchers and industry leaders will gather outside Europe. The International Conference of Fish & Shellfish Immunology will be held June 26–30 at the Holiday Inn By the Bay in Portland, Maine. The conference aims to improve aquaculture in the U.S. and around the world by bringing together leaders in the field from universities, research institutions and the industry. More about the conference, including a [program](#) and [registration](#), is [online](#).

Mount Desert Islander reports Gabe to conduct Bar Harbor cruise ship study

10 Feb 2016

Todd Gabe, an economics professor at the University of Maine, was mentioned in a [Mount Desert Islander](#) article about Bar Harbor's coming cruise ship season. Gabe plans to conduct a study this summer on the economic impact of cruise ship visits in the town, according to the article. Gabe and students did a similar study in 2002, concluding that cruise ships have a \$12.5 million annual economic impact on Bar Harbor, the article states. Gabe is set to meet with town officials in March to discuss the study's methodology.

Firm that started in Advanced Structures and Composites Center wins grant, BDN reports

10 Feb 2016

The [Bangor Daily News](#) reported Brewer composite manufacturer Compotech Inc. was awarded a \$5,000 grant for early-stage companies in the latest round of Maine Technology Institute awards. The company, which got its start in the University of Maine's Advanced Structures and Composites Center in 2011, makes composite materials primarily for defense applications such as armor, building protection, and blast and ballistic systems, according to the article. RM Beaumont Corp., a Topsham-based engineering firm that also got started with the help of UMaine, received about \$15,000 in a business accelerator grant, matched with about \$225,000 of other money, the article states.

Riess receives maritime research award

10 Feb 2016

Warren Riess is the recipient of the 2015 John Gardner Maritime Research Award from the Mystic Seaport Museum in Mystic, Connecticut. Riess, a research associate professor of history, anthropology and marine sciences, is based at the University of Maine Darling Marine Center in Walpole. Riess earned the award for making a significant contribution to the field of American maritime research that led to his book "[The Ship That Held Up Wall Street](#)," published in 2014 by Texas A&M University Press. Riess did extensive research for the book about the 18th-century ship that archaeologists discovered during a 1982 excavation in New York City. "The Ship That Held Up Wall Street" details how *Princess Carolina* was likely designed and built in South Carolina, its history as a merchant ship and how and why it was buried in Manhattan. The award is named in honor of Gardner, who taught 19th-century boat-building methods at the museum.

Katie Keaton: For theatre major, all the world's a stage

10 Feb 2016

Sunday is not a day of rest for Katherine (Katie) Keaton. From 8 a.m. to 10 p.m., the theatre major at the University of Maine rehearses dances for various projects and clubs. "My friends know I'm not free on Sundays," says the Caribou native who concentrates in scenic design and minors in dance and business administration. "I get home tired and can't move but I know I've worked out a ton," says Keaton, whose weekly class schedule commences at 8 a.m. Mondays with ballet. She's used to being a mover and shaker.

In addition to excelling academically and taking lessons at The Maine Dance Academy in her hometown of Caribou, she played three varsity sports for the Vikings. She was an all-star defender for the 2010 Eastern Maine champion soccer squad. Keaton also played basketball and tennis and worked at Houlton Farms Dairy Bar. “We all grew up going there,” says Keaton of the local ice cream shop. “[Working there] helped me become more outgoing and learn about customer service in a fun way. Getting ice cream makes people happy.” For Keaton, immersing herself in the performing arts at UMaine — both on stage and backstage — has made her happy. In addition to her courses, she’s a teaching assistant for the hip hop dance class; president of the Hip Hop Club; president of the UMaine chapter of Alpha Psi Omega, the National Theatre Honor Society; co-founder of the Celtic Club, production stage manager for “Astonishing!,” the SPA fundraising pop orchestra concert, dance captain for the spring 2016 performance of “Urinetown” and has performed in numerous dance showcases. This past fall, she also participated in the Dancing for the Stars Fundraiser to benefit seniors at an area independent living residence. Keaton’s acting debut at UMaine came in a student production titled “At Sea” during an UnderDogs Showcase. Much of the time, though, Keaton works behind the scenes and on the scenery itself. Keaton’s a stagehand for the Collins Center for the Arts and unloads 18-wheelers and sets up and tears down professional touring shows that land at the nearly 1,500-seat center. “It’s eye-opening; it’s so fast-paced,” she says about how quickly and safely a crew can set up and tear down a traveling road show. And Keaton fills a number of roles with the School of Performing Arts. She’s a set designer and a member of the production team for UMaine productions. That, she says, can involve months of team meetings, design research, building models and sets, moving sets to the stage, testing of microphones and other technology and dress rehearsals. “It’s magical seeing it progress,” she says. Keaton’s evolving too. In this, her last semester at UMaine, she’ll put forward as much of her own work as possible, including at dance showcases and recitals. Keaton plans a career in the arts and she’s currently exploring artisan certificate and MFA programs in scenic design. She says her business education and interests in innovation and entrepreneurship marketing will be beneficial if she decides to work in the administration side of arts. And during her free time this semester, Keaton has been learning to play her ukulele, a Christmas gift from her sister.

Tell us about your family. My family resides in my hometown of Caribou, Maine. My mother is the vice president of Aroostook Savings & Loan. My father is the director for Region Two School of Applied Technology in Houlton, Maine. My older sister, Emily is in her third year of teaching first grade at Limestone Community School, and is working on her master’s degree online at the University of Maine. **Why did you choose to attend UMaine?** The environment and sense of community that is created right here on campus is what influenced my decision to attend UMaine from the beginning. When it came time to start thinking about what I really wanted to study in college, I had one thing in mind: I wanted to do something out of the ordinary. I really wanted to take what I was passionate about and run with it. I had never done anything related to theatre in my life except for dance, but my love for the arts is what pushed me to go outside of my comfort zone and give it a shot in college. Orono is also just a short day trip away from home, and is one of the closest state schools that offers a reputable course of study in theatre and dance. **What drew you to theater?** I grew up playing sports and dancing all through elementary school up until I graduated high school. Being so active in dance really drew my attention to the performing arts by the end of my high school career. I danced at The Maine Dance Academy in Caribou, where we did a modern interpretation of “The Addams Family” for my senior recital. It was through this Broadway style of dance that I really gained an appreciation for musical theatre dance and theatre in general. I was apprehensive at first; not knowing if this was even something I could just pick up without any prior experience. What turned that apprehension into contentment was the welcoming environment and overwhelming amount of support from the Theatre/Dance Division here at UMaine. **What keeps you fascinated with theater?** I will never be able to see myself sitting still once I enter the workforce and that’s the great part about theatre; it never sits still. Especially with scenic design and dance, your work can be as literal or as abstract as you and the director want it to be. It is the unpredictability and beauty of the art form that keeps all of us fascinated with theatre. **Which class(es) have been especially influential and why?** I had been taking a bulk of my theatre classes right from the get-go, but it wasn’t until my sophomore year when I took Design for Performance with Daniel Bilodeau, associate professor and chair of the Theatre/Dance Division, that I found my niche. This class really sparked my creative interest in scenic design and opened so many doors for me. Having a fundamental background in design has allowed me to go on and design shows like “Crimes of the Heart,” “Godspell” and most recently, “Dog Sees God” (design in progress), all of which have been student-run productions. I have also been a guest designer for John Bapst Memorial High School for its production of “Footloose” last year. In the spring of my junior year, I took an introduction to scenic painting course with Dan again. This class really opened my eyes to the world of scenic painting that goes hand in hand with design. I quickly discovered my love for painting and really focused on building my portfolio with work from both my stage designs and

painting projects. Having learned these skills as an undergrad, I was able to work at the Theater at Monmouth in Monmouth, Maine this summer as the scenic painting/props intern. I got to work alongside many talented and professional theatre artists from near and far and it was definitely one of the most memorable work experiences I've ever had. **Please share a bit about your experience as a 2014–15 CUGR Research Fellows Student Assistant.** I was so excited that Dan Bilodeau asked me to be an undergraduate research assistant for the 2014–15 academic year. I acted as his assistant scenic designer for the School of Performing Arts' main stage production of "Love's Labour's Lost," guest directed by Dawn McAndrews, producing artistic director at the Theater at Monmouth. Through this fellowship, I was responsible for meeting with Dan and Dawn to discuss visual research, themes/motifs that would be incorporated in the design for the show, building the scale model based on Dan's sketches and renderings, assisting with the construction and painting of the set, and communicating visual concepts to the scene shop. Participating in the CUGR Academic Showcase later that spring was a new and very exciting experience. I took part in the poster presentations and was able to share my experience and more with faculty and students outside of the theatre department. **What growing experience(s) have you had at UMaine that has altered or strengthened the way you view the world/approach each day?** I am currently the president for the UMaine Hip Hop Club and cannot describe how fulfilling it truly is. I have been active in the club since my very first semester here at UMaine, but it wasn't until I stepped into this leadership role that I got to see both ends of what it's like to run a club and be in one. Working with my roommate, Vice President Annie Collins, and the other officers, to lead such a large group of dancers and create a very memorable piece for the most recent dance showcase was one of the biggest highlights of my college career. It has helped me grow in more ways than I could have ever imagined. **What are your educational/career/life plans?** I will be graduating in May and am in the process of applying to graduate/certificate programs for scenic design and scenic painting in New England. However, I'm not opposed to taking a gap year to work or get an apprenticeship in the field before pursuing graduate school, so I'm also searching for those opportunities as an option for next year. My overall goal is to work toward getting my MFA and either teach at the university level or work in regional theatre as a designer/painter. I'm also looking forward to taking the time to travel as much as possible after graduating. **What are your favorite activities?** Some of my favorite hobbies are dance (especially hip hop), running, thrift shopping, crafting, spending time with my friends and family and learning to play my new ukulele. **What else would you like to share with readers about yourself and/or your educational experience?** Support the arts! Contact: Beth Staples, 207.581.3777

Transcript Katie Keaton: All growing up, I did dance in my hometown. That was always very exciting, being onstage. I always loved seeing what happened backstage. I'd never done theater in high school, so I figured I might as well give it a shot. College is all about trying new things, so I did. I came in here and declared as a theatre major, not knowing what to expect. I was so scared. I was like, "I've never taken an acting class before. I've never taken stagecraft. What is that?" My sophomore year, I took the design for performance class with Dan Bilodeau. From there, one of my classmates nudged me. She was like, "Hey, you're pretty good at this. You should try applying for the Maine Masque show that's coming up." I had no idea what that entailed, so I gave it a shot. It was a really humbling experience to be able to design for Hauck Auditorium. Dance-wise, choreography-wise, I got heavily involved in that, just because I declared a dance minor, and because I did that, my friends who run the Maine Masque, they were starting to put on Maine Masque cabarets and things like that. They wanted to have some choreography involved with that. They approached me and were like, "Hey, do you want to choreograph some of these numbers for us?" I was like, "Sure." That's where I got my foot in the door. Taking the management classes and marketing classes has really helped me, especially as a production manager and a stage manager. That's one of the heaviest things that you are involved in, is managing people. You're not just managing an event, because the people make up the event. I think that really helped me with my skills. I would say the community here is pretty vibrant. The people are pretty dedicated. Once they come here and they see shows, they realize, "Wow, something big is happening here," and that keeps them coming. I think the university really presents a lot of student undergraduate opportunities to work on shows very heavily, which is something that is awesome. It's such a great resume builder to say, "I've already designed XYZ, and I'm only 21 years old." I think I've been able to dab at a lot of different realms within theater and dance here, to where now I can be like, "This is where I want to go," because I've had so many great experiences at UMaine. [Back to profile](#)

UMaine Extension videos gaining international attention via social media

11 Feb 2016

A University of Maine Cooperative Extension video on bedbugs has gained international attention more than five years after it was posted online. The "Experts on Demand" video features Jim Dill, a pest management specialist with UMaine

Extension, demonstrating “[How to Look for and Avoid Bedbugs in Hotel or Motel Rooms](#).” In the video, Dill advises people to place luggage in the bathtub before they check the bed, mattress, luggage rack and bureau drawers. Recently, the video, which was posted on the UMaine [YouTube](#) channel in October 2010, was picked up by [Lifehacker](#), a daily weblog that recommends downloads, websites and shortcuts to help people work smarter and save time. The video was then cited by [Yahoo](#) and Fox News, and has been circulated through Facebook, bringing its views to more than 1 million. Another UMaine Extension “Experts on Demand” video has gained international attention after [Bujqësia Moderne](#) (Modern Agriculture) in Kosovo translated and posted on Facebook the “[Planting Raspberries](#)” video featuring David Handley, a UMaine Extension specialist of vegetables and small fruits. UMaine Extension began posting to [YouTube](#) in 2009 and currently has 169 videos uploaded.

Public presentations by finalists for dean of College Education and Human Development, Feb. 17–March 3

11 Feb 2016

The three finalists for dean of the University of Maine College of Education and Human Development will give public presentations on campus, all scheduled from 1:30–2:30 p.m. Dr. Timothy Reagan, Feb. 17, Hill Auditorium, Barrows Hall Dr. Susan Gardner, March 1, Bangor Room, Memorial Union Dr. Alison Carr-Chellman, March 3, Hill Auditorium, Barrows Hall Reagan recently returned to the United States, having served for three and a half years as founding dean of the Graduate School of Education at Nazarbayev University in Astana, Kazakhstan. He has held a variety of senior faculty and administrative positions at institutions in the U.S. and South Africa, including Gallaudet University, University of Connecticut, Roger Williams University, Central Connecticut State University and University of the Witwatersrand. He is the author of more than a dozen books and 150 refereed journal articles and book chapters on educational and applied linguistics, educational policy studies, educational reform, teacher education, comparative education and philosophy of education. His areas of expertise include teacher education and teacher education reform, language policy and planning in education, foreign language education, signed languages, and comparative and international education. Gardner is interim dean of UMaine's College of Education and Human Development and professor of higher education. She began her faculty career at Louisiana State University in 2005 and came to UMaine in 2007. Gardner has a strong focus on multicultural education, issues of social justice and the integration of technology in education. Her scholarship focuses on the intersectionality of the individual within the organizational environments of higher education institutions. She has authored over 50 peer-reviewed articles, book chapters, and books on doctoral student socialization and development, as well as on the topic of the retention and advancement of women faculty. In these areas, Gardner has also served as PI, Co-PI, and major personnel on grants from the National Science Foundation and the Sloan Foundation totaling nearly \$24 million. Carr-Chellman is the head of the Learning and Performance Systems (LPS) Department at Pennsylvania State University, and a professor of Learning, Design & Technology (LDT) in the College of Education. She has spent her academic career focused on school change and innovation. Her recent work has looked at how to re-engage disengaged learners through technology, such as video gaming. She has been at Penn State for 20 years, 12 of which included significant administrative assignments. She teaches courses in diffusion of innovations, cyber charter schools, gaming, instructional design and research apprenticeship. She is widely published and has presented keynotes globally.

Antarctica footage from 1930s, '70s now online

11 Feb 2016

Fogler Library has added three films about Antarctica to its [YouTube](#) channel. Two of the films are National Science Foundation productions from 1975 and 1978. These include shots of University of Maine faculty members George Denton and Harold W. Borns Jr., among the many featured researchers. The third film has silent footage taken by Paramount photographer John L. Herrmann in the 1930s during Richard E. Byrd's second expedition, with narration by Borns.

Personalized instruction and course guides available for faculty

11 Feb 2016

Librarians at Fogler Library teach a range of research sessions that support educational goals across disciplines, and they often provide supplementary assistance by creating online course guides. These course guides help link students to articles, databases and other resources relevant to their research. Course guides librarians have created for faculty this semester include BUA 325: Problem-based Learning Research, WGS 340: Transnational Feminisms and KPE 271: The History and Philosophy of Physical Education and Sports.

2016 Maine Government Summer Internship Program accepting applications

11 Feb 2016

The Margaret Chase Smith Policy Center at the University of Maine is accepting applications for the 2016 Maine Government Summer Internship Program. The 12-week program provides full-time, paid, summer work experiences in state or local/county agencies. For many years, the program has offered talented college students an opportunity to participate in and contribute to Maine government. Interns provide valuable assistance to state agencies while gaining practical and professional skills in their fields of study. Most state internships are located in the Augusta area, with positions also in Portland and Caribou. Internships in municipal governments are available in locations ranging from Madawaska to South Berwick. The Maine Government Summer Internship Program was established in 1967 by the Maine Legislature to attract and select college students with ambition and talent for temporary internships within state government. Applicants must be a Maine resident or attending a Maine college, and must have completed two years of college before the start of the program. The program runs from May 31 to Aug. 19. Applications are [online](#). The deadline to apply is March 1. More information about the program is on the Margaret Chase Smith Policy Center [website](#).

WABI covers Big Gig pitch-off event

11 Feb 2016

WABI (Channel 5) reported on the latest Big Gig pitch-off and networking event that was held 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 the University of Maine, Old Town, Orono and Husson with support from 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.

Lobster Institute cited in Press Herald report on proposed license changes

11 Feb 2016

The Lobster Institute at the University of Maine was cited in a [Portland Press Herald](#) article about a recent hearing on proposed lobster license changes. The changes aim to strike a balance between 5,800 current license holders and the nearly 300 on a long and unpredictable waiting list, according to the article. The report cited information from the Lobster Institute that states lobster has been fished commercially in Maine since the mid-1800s. The first management laws, such as minimum size requirements, were put in place in the 1870s, according to the institute.

Grad student mentioned in Sun Journal article on grant to protect ash trees

11 Feb 2016

The [Sun Journal](#) reported the town of Norway has been awarded a Project Canopy grant that will address the estimated 5,000 ash trees that are in jeopardy of being killed by the emerald ash borer. Norway's tree warden said the grant will be used to develop an inventory to identify the number and location of ash trees and to develop a comprehensive plan to minimize the economic and aesthetic effects of emerald ash borer on the town, according to the article. Officials will work with a University of Maine graduate student who has been studying towns in New Hampshire and Massachusetts to look at the processes used by community leaders in determining how to deal with the insect, the article states.

The Hindu covers Allen's talk on Gandhi at university in India

11 Feb 2016

[The Hindu](#) covered a talk by University of Maine philosophy professor Doug Allen at the Indian Institute of Technology Bombay. Allen, who also is the distinguished chairman in Gandhian philosophy at IIT Bombay, spoke about the significance of Mahatma Gandhi in India. Allen said the fundamental precepts of Gandhism are more relevant today when caste, class and religious differences are so pronounced, according to the article. “One has to approach Gandhi in a dynamic, open-ended, and selective way,” Allen said. “We need to reinterpret his basic principles in a new creative voice that speaks to India in 2016.”

UMaine chosen to host emerging African leaders, BDN reports

11 Feb 2016

The [Bangor Daily News](#) reported the University of Maine will be one of 37 U.S. academic institutions to host emerging leaders from sub-Saharan Africa scheduled to visit the United States this summer under the Mandela Washington Fellowship. In mid-June, 25 people ages 25–35 will come to UMaine for a six-week academic and leadership institute meant to help the participants study business and entrepreneurship, civic leadership and public management and build networks, according to the article. In all, 1,000 fellows — selected for the program from more than 43,000 applicants — will visit the U.S. Participants were picked based on their potential for directing and influencing the economies and politics of their nations and region, the article states. “UMaine is a place where new and exciting ideas are shared each and every day, and by bringing some of the best and brightest future leaders from Africa to share their perspectives and learn from experts here in Maine, this valuable cultural exchange program will benefit everyone involved,” said U.S. Sen. Angus King. Carol Kim, UMaine vice president for research and dean of the Graduate School, will co-lead the institute with Jonathan Rubin, professor of economics with the Margaret Chase Smith Policy Center, and Daniel Dixon, director of sustainability.

University of Maine alumni vocal concert to benefit University Singers

12 Feb 2016

Five University Singers alumni from the University of Maine will present a benefit concert of vocal solos on Feb. 20 at the North Windham Union Church. Tickets for this event are \$12 and may be purchased at the door. There is no snow date scheduled. Proceeds from the 7 p.m. concert will go to the University Singers’ trip to Ireland and England in May. Performers include Matthew Small and Lori L’Italien of Boston, Massachusetts; Rachel Scala of Windham, Maine; Stephanie Hayward Davis of South Portland, Maine; and Caroline Musica Koelker of Portland, Maine. The program will include classical selections, musical theatre pieces and original songs. Laura Artesani, associate professor in UMaine’s Division of Music, is the accompanist for the University Singers, UMaine’s 68-member select choral ensemble. “Anyone who has been a member of the University Singers knows that our motto is ‘once a Singer, always a Singer,’” says Artesani. “These five alumni are living proof of that. “I am very excited to be part of this benefit concert with these incredibly talented performers,” Artesani says. “They were all gifted singers during their years at the University of Maine, and it has been very gratifying to watch them continue to perform and develop their musical careers. They are generously donating their time and talent to help provide current UMaine students with the opportunity to experience a European concert tour as part of the University Singers. As alumni of this ensemble, each of them realizes what a powerful and life-changing experience this is.” Francis John Vogt, current conductor of the University Singers, and Dennis Cox, former conductor of the ensemble, also will take the stage at the concert. The University Singers are scheduled to perform five concerts in Ireland and England May 24–June 4. The group also will have a week-long concert tour throughout the northeastern U.S. in March, and concerts at UMaine April 2 at 7:30 p.m., and April 3 at 2 p.m.

2016 International Dance Festival Feb. 20

12 Feb 2016

The University of Maine will hold the 2016 International Dance Festival (IDF) on Feb. 20 at the Collins Center for the Arts. Two performances, which are free and open to the public, will take place at 2 and 7 p.m. The 12th annual event will showcase an array of traditional music, dance and clothes from around the world that is representative of the diverse student body at UMaine. The IDF is a student-led initiative that began in 2005. It 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.

Castine Patriot covers Grillo's talk on Pulitzer novels as films

12 Feb 2016

[Castine Patriot](#) reported on a recent talk at the Witherle Memorial Library in Castine by Michael Grillo, a University of Maine art historian and chairman of the Department of Art. To open the library's Pulitzer Prize film series, Grillo spoke about several films that have been based on Pulitzer Prize-winning novels, including "This Is Our Life," "All the President's Men" and "The Color Purple," according to the article. "Pulitzer Prize-winning novels speak to what is topical in American culture during a specific time period, whether it be political or otherwise," Grillo said. [The Pulitzer Prizes](#) also reported on Grillo's talk, citing the Castine Patriot article.

Brewer speaks with WVII about role of gender bias in politics

12 Feb 2016

Mark Brewer, a political science professor at the University of Maine, spoke with [WVII](#) (Channel 7) about the role of gender bias in politics. A Vanderbilt University study found that even those who expressed views of feminism and gender neutrality struggle to associate women with leadership, according to the report. Brewer said even when someone says they would vote for a woman, you have to be skeptical. "We know that many people who hold prejudices that are now viewed as socially unacceptable are cognizant of that and won't tell pollsters when they're asked questions," he said.

UMaine Extension educators cited in Ellsworth American article on unseasonable weather

12 Feb 2016

University of Maine Cooperative Extension educators Lois Berg Stack, David Yarborough and Kathy Hopkins were quoted in the [Ellsworth American](#) article, "Plants well equipped to deal with wacky winter weather." Some perennials in Maine have been flowering far earlier than they should, due to the warmer-than-average winter, according to the article. "It's all about the cues the plants are receiving from the environment," said Stack, an ornamental horticulture specialist and professor of sustainable agriculture. She added ornamental flowers are much more resilient to fluctuating temperatures than home gardeners may think. "If flower buds develop now, they will die in the coming cold, and will not reflower in spring," she said. "They might not be so spectacular this spring as usual, but in the long run they will be fine." Yarborough, a wild blueberry specialist, said a winter thaw at the end of January is not uncommon and that most plants are well acclimated. "I don't believe temperatures have been extreme enough long enough to signify any effect on the blueberry crop," he said. The warmer weather also provided some maple syrup producers across Maine with an early start to their seasons, the article states. "Warmer weather doesn't have a negative effect; it just changes when maple season will actually be," said Hopkins, a maple syrup expert.

WVII covers Cohen Institute lecture on presidential election featured

12 Feb 2016

[WVII](#) (Channel 7) reported on a lecture hosted by the Cohen Institute for Leadership & Public Service at the University of Maine. L. Sandy Maisel, the William R. Kenan Jr. Professor of Government at Colby College, spoke about the 2016 presidential election two days after the New Hampshire primary. Maisel, an internationally recognized expert on campaigns, elections and political parties, said he hopes young American voters take the process seriously and vote in this year's election.

Nontraditional students featured in BDN article

12 Feb 2016

The [Bangor Daily News](#) published an article on older nontraditional students at the University of Maine. The feature focused on Lynn Pollard of Otis, a 51-year-old working toward a degree in anthropology in her first foray into higher education; and Charlie Hildebrant, a 47-year-old who owns a small landscape construction business in Dover-Foxcroft and is enrolled full time in the survey engineering technology program at UMaine. Lori Wingo, coordinator of the Division of Lifelong Learning Advising Center at UMaine, said a growing number of adult learners are registering for classes today. Adult learners age 24 and older make up nearly 40 percent of the undergraduate student body within the University of Maine System, according to the article. “Instructors love them,” Wingo said of adult learners. “They come to class prepared, they participate, they ask questions.” Unlike some younger students, she said, “they realize this is their investment and their opportunity.”

Viral UMaine Extension bedbug video focus of Sun Journal article

12 Feb 2016

The Sun Journal reported on a University of Maine Cooperative Extension video going viral more than five years since it was posted online. “[How to Look for and Avoid Bedbugs in Hotel or Motel Rooms](#),” which was posted on the UMaine [YouTube](#) channel in October 2010, recently was picked up by [Lifehacker](#), a daily weblog that recommends downloads, websites and shortcuts to help people work smarter and save time. The video was then cited by [Yahoo](#) and Fox News, and has been circulated through Facebook, bringing its views to more than 1.5 million. “I don’t think we’ve ever reached that many people so efficiently and inexpensively before,” said John Rebar, executive director of UMaine Extension, adding now is the time for follow-ups to get more education out to the public. The “Experts on Demand” video features Jim Dill, a pest management specialist with UMaine Extension, advising people to place luggage in the bathtub before they check the bed, mattress, luggage rack and bureau drawers for bedbugs. “I’m often at the Legislature,” Dill said. “Everybody down there is giving me good-natured grief, but the funny thing is they’ve all watched it.”

Bayer cited in TODAY report on lobster meat

12 Feb 2016

Bob Bayer, executive director of the Lobster Institute at the University of Maine, was quoted in the [TODAY Food](#) report, “Is your lobster fake? 5 ways to tell if your food is real.” The article cited a recently released report by Inside Edition accusing several restaurants across the country of using cheap seafood substitutes for lobster dishes. The report’s analysis of a lobster bisque from Red Lobster states the sample “included only langostino, a less expensive seafood more closely related to hermit crab than lobster,” according to the article. Bayer said langostino actually is a type of lobster. He added just as there is “mechanically separated chicken,” there is “minced lobster meat,” made by spinning the lobster shells and extracting meat from parts like the legs, which is commonly used for dishes such as ravioli, seafood salads and bisques.

Maine Business School awarded reaccreditation

12 Feb 2016

The Maine Business School at the University of Maine has earned an accreditation extension by the world’s most prestigious international accrediting institution for business programs, the Association to Advance Collegiate Schools of Business (AACSB). Only about 5 percent of the world’s more than 15,000 business schools are accredited by AACSB International. The renewed five-year accreditation verifies that the school conforms to the highest standards for innovation, engagement and impact, says Ivan Manev, dean of the Maine Business School. “It takes a great deal of commitment and determination to earn and maintain AACSB accreditation,” says Robert D. Reid, executive vice

president and chief accreditation officer of AACSB International. “Business schools must not only meet specific standards of excellence, but their deans, faculty and professional staff must make a commitment to ongoing continuous improvement to ensure that the institution will continue to deliver the highest quality of education to students.” The Maine Business School is ranked by U.S. News and World Report among the nation’s best and has been fully accredited by AACSB International since 1974. It is one of two institutions in the state that has the accreditation. “This renewed accreditation is a seal of approval for the high quality of our programs. It recognizes the accomplishments of our faculty and their commitment to excellence in teaching, research and service,” Manev says. The school offers undergraduate majors in accounting, finance, management and marketing, plus concentrations in entrepreneurship, international business and management information systems. At the graduate level, it offers the MBA degree, which is now available entirely online. Students also can choose to attend traditional classes that are taught live. Maine Business School enrollment has increased 42 percent in the past four years. This year marks the third year of record enrollment. Founded in 1916, AACSB International is the longest serving global accrediting body for business schools. More about AACSB International accreditation is [online](#). Contact: Elyse Kahl, 207.581.3747

UMaine professor to present at Bangor PechaKucha Night

16 Feb 2016

Justin Dimmel, an assistant professor of mathematics education and instructional technology with the University of Maine College of Education and Human Development, will present at the Bangor PechaKucha Night on Friday, Feb. 19. Dimmel’s presentation — “Beyond Real World Applications: Place, Curiosity, and Disciplined Inquiry in School Mathematics” — is about a curriculum he developed that uses nautical science and observational astronomy to teach geometry. Incorporated in the talk are photos from the astronomy picture of the day archive and copies of plates from a 17th-century celestial atlas to illustrate the connection between geometry and astronomy. The PechaKucha format features 20 images shown for 20 seconds each as part of the speaker’s presentation lasting exactly 6 minutes 40 seconds. PechaKucha Nights have become a popular way for creative people to get together and share ideas. Dimmel did a version of his presentation at a PechaKucha Night hosted by the College of Education and Human Development in January. The Bangor PechaKucha Night will be held at the Brick Church, 126 Union Street. Doors open at 7 p.m.; presentations begin at 7:30.

Nominations sought for 2016 Geddes W. Simpson Lecture

16 Feb 2016

The Geddes W. Simpson Lecture Series Selection Committee is calling for nominations for the 15th annual Geddes W. Simpson Lecture, which will be held in fall 2016. 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 along with the nominee’s curriculum vitae to Samuel Hanes, chair of the selection committee, at samuel.hanes@maine.edu or Department of Anthropology, 5773 South Stevens Hall, University of Maine, Orono, ME 04469. The nomination deadline is Friday, April 1. 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 (2008–2015):

- 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 Paleoecological 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)
- Mark W. Anderson, senior instructor emeritus, School of Economics, University of Maine; “Open Season on Chickadees: A Field Guide to the Anthropocene” (2015)

Top Gun program gets closer to Lewiston-Auburn, Sun Journal reports

16 Feb 2016

The Sun Journal reported efforts to bring the Top Gun entrepreneurship accelerator program to Lewiston-Auburn got a recent boost. Don Gooding, executive director of the Maine Center for Entrepreneurial Development, said some of a recent \$390,000 grant from the Economic Development Administration will be used to continue the work to bring the entrepreneurial program to the area. Top Gun, a mix of coaching and competition, already has programs in Portland, Bangor and Rockland, according to the article. The program is a partnership of MCED, the University of Maine and Maine Technology Institute, with support from Camden National Bank, as well as many local business sponsors, program advisers and mentors.

Silka mentioned in Free Press article on research to address sea-level rise

16 Feb 2016

Linda Silka, a senior fellow at the University of Maine’s Senator George J. Mitchell Center for Sustainability Solutions, was mentioned in the [Free Press](#) article, “Departments of transportation team up with climatologists, engineers to address sea-level rise.” As the federal government moves forward with policy and funding to tackle impending sea-level rise, climatologists and engineers are working together as part of the Infrastructure & Climate Network (ICNet) to continue to collect and analyze climate science data and do applied research on the ground, according to the article. ICNet started in 2012 with funding from the National Science Foundation, the article states. Principal investigators of the project include Silka; Jennifer Jacobs, a civil engineering professor at the University of New Hampshire; Jack Kartez, a professor of community planning and development at the University of Southern Maine; and the Maine Department of Transportation.

UMaine student named McDonald’s ‘Crew Person of the Year,’ media report

16 Feb 2016

The [Bangor Daily News](#), [WLBZ](#) (Channel 2), [WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported University of Maine senior Lee Jackson was one of 25 McDonald’s workers in the nation to be named Crew Person of the Year. Jackson is a political science major who also is pursuing a minor in Maine studies. In addition to working at McDonald’s for nearly three years, Jackson has been working as an intern for Sen. Susan Collins for the last five months and serves on the Old Town school board, according to the BDN. “What a wonderful and well-deserved honor. Anyone who can balance three jobs, take care of constituents and go to school [deserves to be honored]. How wonderful for all of New England,” Collins said. “I’m not ready to graduate just yet but I think no matter what I want to do I want to work for a company I can be proud of that really talks about service to the community and giving back,” Jackson told WLBZ.

Grad student speaks about research on Falkland Islands Television

16 Feb 2016

Kit Hamley, a graduate student at the University of Maine's Climate Change Institute, was a recent guest on [Falkland Islands Television](#). She spoke about her research on an extinct species of fox called the warrah. Using field and laboratory techniques, Hamley hopes to learn how and when the animal arrived in the Falklands. "It's been fantastic, it's been really amazing," Hamley said about her time on the islands. While there, Hamley has been connecting with K-12 students in Maine and around the country through UMaine's Follow a Researcher program. Educators and students have been able to communicate with Hamley through live Twitter chats during her expedition, as well as classroom visits before and after her trip.

Sun Journal cites Camire in answer to reader's scallop question

16 Feb 2016

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 an answer to a [Sun Journal](#) reader's question about scallops. The reader said he and his wife have noticed a difference in the flavor, odor and texture of scallops they eat, and wonders if they are being served different parts of fish instead of scallops. According to Camire, the most likely reason for the different texture is that the scallops have been dipped in trisodium polyphosphate to help them freeze and retain water, the article states. The safe food additive can toughen the scallops, Camire said.

Alfond Foundation establishes endowed chaired professorship at the University of Maine in honor of Stephen King

16 Feb 2016

An endowed chaired professorship in literature named in honor of best-selling author and University of Maine alumnus Stephen King will be established at his alma mater with the help of a \$1 million award from the Harold Alfond Foundation. The Stephen E. King Chair in Literature will support a faculty position in the Department of English in honor of King's "substantial body of work and creative impact." The endowment for the faculty chair position, the first for the English Department, is held at the University of Maine Foundation. A search to fill the position is expected to begin this fall. An event celebrating the King Chair is being planned for later this year. "The Harold Alfond Foundation is delighted to make this grant in honor of Stephen King and in support of Maine's flagship university," said Greg Powell, chairman of the Alfond Foundation's Board of Trustees. "This chaired professorship is a tribute to Mr. King's outstanding literary accomplishments and his deep commitment to Maine." University of Maine President Susan J. Hunter called the endowed chaired professorship "an exceptional gift that honors the tremendous literary legacy of UMaine's most well-known and beloved alumnus." "Stephen and Tabitha King have been generous supporters of their alma mater for many years," said Hunter. "It is now particularly rewarding to have a prestigious gift such as this that will inspire and influence current and future generations of readers and writers." The endowed chaired professor will help UMaine recruit and retain a faculty member who is an accomplished teacher and a scholar of literature, according to UMaine College of Liberal Arts and Sciences Dean Emily Haddad. "This gift from the Harold Alfond Foundation recognizes both Stephen King's extraordinary career and the importance of literature in the public sphere. The King Chair will expand the UMaine English Department's leading role in literature, creative writing and the humanities. Building on the recent successes of the University of Maine Humanities Center, the King Chair will continue to engage students, fellow scholars and the public in the study and appreciation of literature," Haddad said. "King is an inspiration for students who are fascinated by literature and its contributions to human culture. The opportunity to study with the King Chair gives them one more reason to choose UMaine." Through the years, Harold Alfond and the Harold Alfond Foundation have made more than \$19 million in gifts and pledges to the University of Maine, including naming gifts for Alfond Sports Arena and Alfond Stadium, and the creation of the annual Alfond Challenge to benefit UMaine football. Thousands of students, fans and other members of the UMaine community have benefited from the philanthropy of the Alfond Foundation and Harold Alfond, according to University of Maine Foundation President Jeffery Mills. Last fall, the Alfond Foundation also awarded a \$3.9 million gift to complete the W² Ocean Engineering Laboratory and Advanced Manufacturing Laboratory at the Advanced Structures and Composites Center on campus. The \$13.8 million facility is named in honor of the philanthropist. Similarly, generous support for UMaine has come from the Kings and the Stephen & Tabitha King Foundation, which is devoted to promoting, strengthening and supporting Maine

communities. King is a 1970 UMaine graduate who was awarded a National Medal of Arts last September as one of the world's best-known authors. He and his wife, author Tabitha King, also a UMaine graduate, both received honorary degrees from their alma mater in 1987. As a UMaine English major, King's mentors included professors Burton Hatlen, Edward Holmes and Jim Bishop. Stephen King's most recent book is the story collection "The Bazaar of Bad Dreams." Special Collections in UMaine's Fogler Library holds the Stephen Edwin King Literary Papers, available by request with certain access restrictions. Contact: Margaret Nagle, 207.581.3745

Nominations sought for outstanding professional, classified employees

17 Feb 2016

The Professional Employees Advisory Council (PEAC) and Classified Employees Advisory Council (CEAC) are seeking nominations for this year's outstanding employee recognition awards. The awards raise awareness about the contributions professional and classified employees make to the quality, diversity and overall mission of the university. To be considered a finalist for the 2016 Outstanding Classified Employee Award, nominees must be a current UMaine classified employee who has served at least three consecutive years (either full or part time); inspired others through dedication, commitment and work ethic; maintained the highest level of professional service to the campus community, within their department or areas of responsibility; provided outstanding service to their university department; and helped create a better environment for employees, students and the campus community. More information about the award, including the nomination form, is online. Nominations, along with three letters of recommendation, can be submitted online; by mail to Melinda Pelletier, 201 Alumni Hall, University of Maine; or by email to umceac@maine.edu. The deadline to apply is March 11. To be eligible for the 2016 Outstanding Professional Employee Award, each nominee must be a current professional employee who has served UMaine for at least three consecutive years and is not a past recipient of the award. PEAC's selection of an award recipient will be based on the nominations that best reflect a dedication to serving others; the highest level of professional services and standards within their disciplines or areas of responsibility; a drive to create a better campus environment for students, faculty and/or staff; and demonstration of public service through significant contributions to their field, the university and community. More information about the 2016 Outstanding Professional Employee Award, including the nomination form, is online. The nomination form, narrative and three letters of recommendation should be mailed to PEAC, Outstanding Professional Employee Award Subcommittee c/o Michael Swartz, Subcommittee Chair, 101F Service Building, University of Maine. Email submissions can be sent to michael.swartz@umit.maine.edu. The nomination deadline is 4 p.m. March 10. Both awards will be presented with a cash stipend of \$1,000 at UMaine's annual Employee Recognition and Awards Luncheon on April 8 at Wells Conference Center.

Student groups to host Black Bear Leadership Summit Feb. 26

17 Feb 2016

Two University of Maine student organizations have partnered to organize the inaugural Black Bear Leadership Summit, designed to help current students develop the skills and perspectives needed to be successful leaders on campus and later in life. The event, to be held Friday, Feb. 26 at the Wells Conference Center, will feature workshops and presentations related to group dynamics, professionalism and the value of networking and peer engagement. Organizer co-chairs Kathy Hill and Sam Borer anticipate about 200 students to attend. Participation in the event is free, though interested attendees are urged to preregister online to help plan for refreshments, materials and complimentary event T-shirts. The summit is a joint initiative of the UMaine chapter of the Golden Key International Honour Society, which works to "enable members to realize their potential through the advancement of academic excellence, leadership and service;" and Sophomore Owls, a select group of UMaine second-year students who work with first-year students and the university community "to promote excellence, integrity, leadership, passion and inspiration." Speakers include Brig. Gen. Douglas Farnham, Maine's recently appointed adjutant general; Robert Dana, UMaine's vice president for student life and dean of students; Carol Kim, UMaine's vice president for research and dean of the Graduate School; Chief Master Sgt. Daniel G. Moore of the Maine Air National Guard's 101st Refueling Wing; and Todd Saucier, vice president and account executive for United Insurance. University Credit Union is the lead sponsor of the 2016 Black Bear Leadership Summit. Other sponsors are the University of Maine Alumni Association, Army ROTC and UMaine's University Bookstore. More information is online.

Maine Edge advances The Wailers concert at Collins Center for the Arts

17 Feb 2016

An upcoming concert by The Wailers at the Collins Center for the Arts at the University of Maine was the focus of a Maine Edge article. Together with Bob Marley, The Wailers have sold more than 250 million albums and have played to an estimated 24 million people across the globe performing an average of 200 dates a year. The group continues to preserve and keep alive the musical legacy of Marley, according to the article. The Wailers will perform at 7 p.m. Sunday, Feb. 21. Tickets, which are \$23 for orchestra, \$18 for balcony and \$10 for UMaine students with a valid MaineCard, are available [online](#) or by calling 800.622.TIXX or 581.1755.

WLBZ, WABI preview ‘Urinetown: The Musical’

17 Feb 2016

WLBZ (Channel 2) and WABI (Channel 5) previewed the University of Maine School of Performing Arts production of the award-winning Broadway hit “Urinetown, The Musical.” Performances are scheduled Feb. 19–28 in Hauck Auditorium. The satirical comedy by Mark Hollmann and Greg Kotis is the story of a bureaucracy run amok when a water shortage after a 20-year drought results in a ban on private bathrooms. Citizens are forced to pay to use public facilities operated by a ruthless corporation led by a corrupt capitalist who is forever raising prices. To help with the performance, the school has brought in Jonathan Spencer, a professional lighting designer who has worked on Broadway and for the Penobscot Theatre Company. Michele Begley, a UMaine student and stage manager of the production, told WABI that putting together the show has “been a really eye-opening experience” and she has never worked with someone who has worked on Broadway tours. “It’s really fun to see him bring so many new instruments like LED lights,” she said. Tickets, which are \$15 or free with a valid student MaineCard, are available [online](#) or at the door.

Media report on new faculty position to honor Stephen King

17 Feb 2016

The Associated Press, Reuters, [Bangor Daily News](#), Maine Public Broadcasting Network and [Portland Press Herald](#) reported an endowed chaired professorship in literature named in honor of best-selling author and University of Maine alumnus Stephen King will be established at the University of Maine with the help of a \$1 million award from the Harold Alfond Foundation. The Stephen E. King Chair in Literature will support a faculty position in the Department of English in honor of King’s “substantial body of work and creative impact.” The endowment for the faculty chair position, the first for the English Department, is held at the University of Maine Foundation. A search to fill the position is expected to begin this fall, and an event celebrating the King Chair is being planned for later this year. “Needless to say, I’m delighted and a little awestruck. It’s my alma mater, after all, and this is a high honor,” King said in an email to the BDN. UMaine hopes the newly endowed professorship will allow it to recruit an accomplished “teacher and a scholar of literature,” College of Liberal Arts and Sciences Dean Emily Haddad told the BDN. She said the position would help the English Department expand its role and influence in literature, creative writing and the humanities. “King is an inspiration for students who are fascinated by literature and its contributions to human culture,” Haddad said. “The opportunity to study with the King Chair gives them one more reason to choose UMaine.” ABC News, [Fox News](#), [The Washington Times](#), [Boston.com](#), Las Vegas Sun, [WCSH](#) (Channel 6 in Portland) and WABI (Channel 5) carried the AP report. [Yahoo News](#) published the Reuters article.

Forestry students aid policy development for Maine’s Local Wood WORKS initiative

18 Feb 2016

Local Wood WORKS (LWW) is a new initiative designed to promote sustainable timber harvesting and forest products around Maine. LWW’s mission is to advance forest-based local economies and support the long-term conservation and sustainability of Maine’s woodlands. Students in SFR 446: Forest Resource Policy are working with LWW partners and

consultant Harold Burnett of Winthrop-based Two Trees Forestry to study existing local wood initiatives with the goal of learning from other efforts and applying successful lessons in Maine. “Students learn best when they apply classroom principles to real-world examples,” says Rob Lilieholm, the E.L. Giddings professor of forest policy at the University of Maine who teaches the course. “In this case, we can provide a lot of horsepower to compile and review LWW initiatives in the U.S. and abroad. Working with LWW will give students an opportunity to contribute to policy development right here in Maine.” LWW partners include the Kennebec Land Trust, Maine Forest Service, GrowSmart Maine, Coastal Enterprises Inc., and Maine Coast Heritage Trust.

UMaine Woodsmen’s Team to host home meet Feb. 20

18 Feb 2016

The University of Maine Woodsmen’s Team will host its annual home meet of classic Maine logging games on Saturday, Feb. 20. Starting at 8 a.m., the UMaine team will compete against groups from Paul Smith’s College, Unity College, University of New Hampshire, Colby College and University of Vermont. The meet will be held at Libby Field, next to Nutting Hall on the UMaine campus. Events include singles activities, such as disk stack, axe throw and single buck; double and triple events, such as chopping, fire build and splitting; and team events such as log roll, sawing and pulp toss. The meet is free and open to the public. Team merchandise, food and 50/50 raffle tickets will be for sale. Spectators also will have the opportunity to try an axe throw. An awards ceremony will be held at the end of the competition around 4 p.m. 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. There are 30 active members on the team.

Waste study cited in Press Herald article on composting, recycling bill

18 Feb 2016

A 2011 waste characterization study by the University of Maine School of Economics was cited in the [Portland Press Herald](#) article, “Maine lawmakers hear mixed testimony on composting, recycling bill.” Maine municipalities would have to pay hundreds of thousands of dollars in additional fees to help fund new efforts to stimulate composting and recycling under a wide-ranging solid waste bill that recently came before state lawmakers, according to the article. Supporters said the composting measure would encourage towns and cities to send less waste to landfills or incinerators, while improving stagnant recycling rates, the article states. The UMaine study of trash generated by Mainers estimated that 38.4 percent of disposed of municipal solid waste going to landfills or incinerators could be composted and another 21.7 percent could be recycled. Only 40 percent was deemed suitable only for landfilling or incineration, the article states.

Several UMaine centers, programs debut new websites

19 Feb 2016

Over the past month, several University of Maine centers and programs have upgraded to the university’s new website template. The newly launched websites include:

- [Department of Physics and Astronomy](#)
- [Laboratory for Surface Science and Technology \(LASST\)](#)
- [Annual Fund](#)
- [Department of History](#)
- [International Programs](#)
- [Health Professions Office](#)
- [Maine Agriculture and Forest Experiment Station](#)
- [LGBTQ Services](#)
- [Office of University Development](#)
- [Faculty Development Center](#)

[Margaret Chase Smith Policy Center](#)

- [Division of Lifelong Learning \(DLL\) Advising Center](#)
- [UMaine Hip-Hop Club](#)
- [Campus Activities & Student Engagement](#)
- [Hutchinson Center](#)
- [Boston Executive Club of the University of Maine](#)

The new [umaine.edu](#) and related pages debuted last summer. For more information on the UMaine website conversion, contact Mike Kirby at mike.kirby@maine.edu or 581.3744.

Media report on hockey coach Gendron's contract extension

19 Feb 2016

The [Bangor Daily News](#), [Portland Press Herald](#) and WABI (Channel 5) reported University of Maine men's ice hockey coach Red Gendron has signed a two-year contract extension. "It is an honor to coach at this outstanding university and to work with so many dedicated faculty, administrators, staff and, of course, with dedicated alumni and fans who support us," Gendron said. The terms of the extension, which runs through the 2019 season, remain unchanged from the current contract, according to the BDN. "We are confident in Coach Gendron's ability to continue to build the men's ice hockey program," said Karlton Creech, UMaine's director of athletics. "We believe he is on the right path to success, and we are committed to continuing to grow under his leadership."

Department of Marine Resources hires Ph.D. student as lobster scientist, media report

19 Feb 2016

[The Ellsworth American](#), [Saving Seafood](#) and [Boothbay Register](#) reported the Maine Department of Marine Resources (DMR) has hired a University of Maine Ph.D. student in marine biology as a new scientist to lead its lobster sampling program. Katherine Thompson will be responsible for the coordination, implementation and participation in the lobster sea sampling program in all seven of the state's lobster management zones, as well as oversee the department's juvenile lobster ventless trap survey, according to the reports. Thompson's responsibilities will include supervision of DMR scientific staff and contractors who participate in those programs, the reports state. "I'm excited about working closely with industry, especially here in my home state," Thompson said.

WLBZ previews UMaine Woodsmen's Team home meet

19 Feb 2016

[WLBZ](#) (Channel 2) spoke with members of the University of Maine Woodsmen's Team ahead of their annual home meet of classic Maine logging games. From 8 a.m.–4 p.m. Saturday, Feb. 20, the 30-member team will compete against groups from Paul Smith's College, Unity College, University of New Hampshire, Colby College and University of Vermont. The meet will be held at Libby Field, next to Nutting Hall on the UMaine campus. Events include singles activities, such as disk stack, axe throw and single buck; double and triple events, such as chopping, fire build and splitting; and team events such as log roll, sawing and pulp toss. The meet is free and open to the public, and spectators will have the opportunity to try an axe throw. Team president Bree Jarvis said preparing for the meet is a lot of work. "You really do have to practice every day, if not multiple times a day. Because it's just so competitive," she said. "We practice really, really hard because we want to do really well."

Documentary featuring UMaine professor honored by Broadcast Education Association

19 Feb 2016

A short documentary featuring Elizabeth Allan, a University of Maine professor of higher education, has been given an Award of Excellence in the Broadcast Education Association's 2016 Festival of Media Arts. The 17-minute video, "[We Don't Haze](#)," includes interviews with Allan, as well as current and former UMaine students. It was produced by the

Clery Center for Security On Campus, and is available as a no-cost training resource for colleges, universities and high schools. Allan, a nationally recognized expert on hazing and hazing prevention, was an associate producer on the project. She also served as lead author of several companion items, including an activity guide, discussion guide, handouts and prevention briefs. Allan was principal investigator of the 2008 National Study of Student Hazing. She currently leads research efforts of the Hazing Prevention Consortium — eight universities that have partnered to implement comprehensive hazing prevention on campus. The UMaine students featured in “We Don’t Haze” include student-athletes Steve Swavely (men’s hockey), Becca Paradee (field hockey) and Liz Wood (women’s basketball), as well as sorority member Meredith Stewart and UMaine alumna Diana Haney. The Broadcast Education Association is an international academic media organization that promotes excellence in media production for educators, students and media professionals.

UMaine research inspires student-staffed writing center at Foxcroft Academy

22 Feb 2016

On a recent afternoon at Foxcroft Academy, students in Nick Miller and Bridget Wright’s class are huddled in small groups. One cluster is working on signage to promote their new student-staffed writing center. Another group works on a laptop, putting together an online appointment form for students interested in taking advantage of the center’s services. In a student-staffed writing center, a teacher or teachers train a group of student tutors on best practices for one-on-one mentoring with writers. These student-writing coaches are available to work with other students on any kind of writing project. Miller, who earned his bachelor’s degree in secondary education in English from the University of Maine in 2013, says before launching this spring, they got permission from Foxcroft Academy’s administration to have a class on writing center theory. “The focus is on writing as a unique process for each individual,” Miller says. “So students really dive into identifying their own process, what works for them, what helps them to produce their best work, and then what differs among individuals, with the goal of emphasizing that each student’s writing process is different and helping our clients find that process and ultimately giving them the tools they need to be better writers on their own.” As part of their class, the Foxcroft students visited the UMaine Writing Center and talked to director Paige Mitchell and members of her tutorial staff. Later, they spoke with Professor of Literacy and English Education Richard Kent, a nationally recognized expert on student-staffed writing centers. “It’s a service to help student writers become better writers,” says Kent, who is also director emeritus of the Maine Writing Project, a site of the National Writing Project in UMaine’s College of Education and Human Development. Kent’s book, “A Guide to Creating Student-Staffed Writing Centers, Grades 6–12,” was named the 2006 book of the year by the International Writing Centers Association. The second edition is due out later this year. Kent also maintains a [website](#) that contains information and advice for teachers looking to launch writing centers. “Few if any of us have time to sit with every student to go over their writing,” says Kent of teachers. “And for students, visiting the writing center allows for extended conversations that reinforce good writing.” So far, Miller says reaction to the Foxcroft writing center has been positive. “We’ve gathered a lot of testimonials — real testimonials, not staged ones — for a promotional video we’re doing,” he says. “A couple of our teachers have asked some of our students to come into their classes and give mini-lessons on outlining an essay or other writing topics.” Racquel Bozzelli, a Foxcroft Academy senior, says being a writing coach has benefited her in terms of her own writing. “It’s helped me look at it in a different way. I’ll step back from my own paper and say, ‘How can I word this differently?’” she says. “Also, I get help from other writing coaches. So even though I am a coach, I recognize that my writing isn’t perfect and that I should ask for help.” Kent says that’s the beauty of the student-staffed writing center model. His research has shown it has benefits for both students and teachers. “There’s something special when peers work with peers,” he says. “There’s less pressure.”

Travis Blackmer: Finding educational gold in heaps of trash

22 Feb 2016

For Travis Blackmer, the summer of 2011 was a summer of garbage. And it changed his life. While classmates at the University of Maine were waiting tables, pounding nails, or painting houses to make tuition money, the 20-year old undergrad was pawing through trash. Tons and tons of trash. But he didn’t really mind. After all, he was getting paid well, or let’s just say it was quite a bit more than minimum wage. “For a 20-year-old with no degree, I was pretty happy. I didn’t have any better summer job offers,” said Blackmer. These days Blackmer is still working on trash issues as a

part of a long-range effort supported by UMaine's Senator George J. Mitchell Center for Sustainability Solutions to help craft a total makeover of the state's materials management system, as the solid waste disposal system is now known. Read the full profile on the [Senator George J. Mitchell Center for Sustainability Solutions website](#).

UMaine Construction Industry Day Feb. 26

22 Feb 2016

The University of Maine will hold a Construction Industry Day on Friday, Feb. 26 to foster and facilitate interactions between the industry and students. The day will consist of a summer construction job fair, keynote presentation and student construction management competition. All students in UMaine's Construction Engineering Technology (CET) program are encouraged to attend and learn about the many potential career options. In addition, students from other related majors, such as surveying engineering technology, civil and environmental engineering and mechanical engineering technology are invited to attend, as well as students from Eastern Maine Community College. The summer construction job fair will be held in the Hill Auditorium lobby from 8:30–10:45 a.m. and noon–1 p.m. Many construction industry representatives will bring equipment or software demonstrations. Motivational safety speaker Eric Giguere, who survived a trench cave-in while on the job, will deliver the keynote address at 11 a.m. in Neville Hall, Room 101. The construction management competition will feature about 65 CET students. Teams will compete in two divisions: infrastructure, sponsored by Cianbro; and commercial building, sponsored by Gilbane Building Co. The contractors will coordinate and evaluate the student bid proposal presentations. The competition takes place from 8–9 a.m. and 9:15–10:50 a.m. in Hill Auditorium for the infrastructure division and Barrows Hall, Room 133 for commercial building. Students who are not competing are welcome to observe the presentations. After completing evaluations, Cianbro and Gilbane will present a debriefing and assessment of the student teams' performances. The top teams in both divisions will be presented with awards beginning at 1 p.m. in Neville Hall, Room 101. Following the competition project debriefings and awards, job interviews can be scheduled with industry representatives. To register for the career fair, contact Will Manion at wmanion@maine.edu, 581.2184 or 852.4203.

UMaine Extension bulletin cited in Press Herald Maine Gardener column

22 Feb 2016

A University of Maine Cooperative Extension bulletin was cited by the [Portland Press Herald](#) in the latest column in the Maine Gardener series. The article, "Even if you're in a hurry, you may be better off planting a small tree," mentioned research supporting smaller trees that was summarized in the UMaine Extension bulletin, "Debunking Old Gardening Myths: Caring for Woody Plants in the Maine Landscape." "Research now shows that smaller trees establish their root systems more quickly after transplanting than larger trees," the 2011 publication written by Marjorie Peronto states. "In one study over a 10-year period, 1-inch-diameter trees, because they became established more quickly, actually outgrew trees that were 6 inches in diameter at planting time."

UMaine mentioned in BDN article on restoring American chestnut trees

22 Feb 2016

The University of Maine was mentioned in a [Bangor Daily News](#) article about Mainers working to bring back the American chestnut tree. Glen Rea, a 73-year-old retired stockbroker from Bangor who studied forestry at UMaine before switching careers, is the northern breeding coordinator for the Maine Chapter of the American Chestnut Foundation. The organization is part of a national effort to restore American chestnut trees, which were nearly wiped out a century ago by the accidental introduction of the chestnut blight, according to the article. Few trees survived the blight, and last summer UMaine researchers found the tallest American chestnut in North America in a forest in Lovell, near the New Hampshire border, the article states. The discovery of the 115-foot tall tree was thrilling to the people who are trying to bring back the species, Rea said. Rea and other members of the foundation's local chapter said they are glad younger scientists and student foresters are involved in the restoration effort, including those from UMaine.

Brewer guest on WERU's 'Democracy Forum' hosted by League of Women Voters

22 Feb 2016

Mark Brewer, a political science professor at the University of Maine, was a guest on [WERU](#)'s "Democracy Forum" hosted by Ann Luther of the League of Women Voters of Maine. The program's topic was "Political Equality: The Founding Vision, the Modern Reality."

Media cover UMaine Woodsmen's Team home meet

22 Feb 2016

WLBZ (Channel 2) and the Maine Public Broadcasting Network reported on the annual home meet of the University of Maine Woodsmen's Team. The 30-member team competed against groups from Paul Smith's College, Unity College, University of New Hampshire, Colby College and University of Vermont. The event featured several classic Maine logging games, including singles activities, such as disk stack, axe throw and single buck; double and triple events, such as chopping, fire build and splitting; and team events such as log roll, sawing and pulp toss. "These are recreating events from history's past, like this event you're seeing here — vert chop — represents chopping down trees in the woods," Gradeigh Cameron, a member of the UMaine team told MPBN. "You name an event and it's got a reason." The meet's head judge, Tim White, told MPBN it's one of the only sports that's so directly linked to a major industry. "They're keeping alive the skills that really set this country up to be what is it today, and to keep forestry skills alive," he said.

Socolow speaks about history of global sports broadcasting on NPR's 'Only a Game'

22 Feb 2016

Michael Socolow, an associate professor of communication and journalism at the University of Maine, was a recent guest on [NPR](#)'s "Only a Game." In the report, "Nazis pioneered broadcasting... and made Jesse Owens a star," Socolow said today's sports broadcasters owe a nod to an otherwise dark chapter in world history. "Global sports broadcasting, as we understand it today, was really pioneered by the Nazi regime at the Berlin Olympics in 1936," he said. The Berlin Olympics were the first to be televised, in a way, according to the report. Spectators could watch from special viewing rooms around Berlin. Socolow, who has a book coming out this fall called "Six Minutes in Berlin: Broadcast Spectacle and Rowing Gold at the Nazi Olympics," said the International Olympic Committee needs to be more honest about its history. "And especially something like broadcasting and worldwide broadcasting — that entire conception was pioneered by those Nazi engineers, by the German engineers. Yes, it's embarrassing, but it's also history," he said.

Eating chocolate improves brain function, media report

22 Feb 2016

Several media outlets, including [The Washington Post](#), [New York Post](#), [The Telegraph](#) and [Tech Times](#) reported on a new study by researchers at the University of South Australia, University of Maine and Luxembourg Institute of Health that found chocolate intake is associated with better cognitive function. Merrill "Pete" Elias, a UMaine professor of psychology and cooperating professor in the Graduate School of Biomedical Sciences and Engineering, was second author of the study recently published in the journal [Appetite](#). According to the study, chocolate consumption was found to be associated with cognitive performance "irrespective of other dietary habits." The researchers found that of the 968 participants studied, more frequent chocolate consumption was "significantly associated" with improved memory, visual-spatial memory and organization and abstract reasoning, even when factors such as cardiovascular health, lifestyle and diet were controlled, according to a [Stuff](#) article on the study. [Deccan Herald](#), [Hindustan Times](#), [WebMD](#), [ABP Live](#), NH Voice and [Marie Claire](#) also reported on the research.

SMART Institute focus of IEEE-USA InSight article

22 Feb 2016

The University of Maine College of Engineering's Stormwater Management Research Team (SMART) program was

the focus of the [IEEE-USA InSight](#) article, “Award-winning Maine partnership: A model for boosting STEM literacy.” The STEM literacy program, which is funded by the National Science Foundation, focuses on creating innovative solutions to environmental problems related to stormwater management. SMART is part of a unique collaboration between UMaine and Bangor High School that provides hands-on opportunities for girls and underrepresented minority groups from throughout the state. It allows participants to apprentice with UMaine faculty members and take a demanding sequence of STEM courses, according to the article. In June 2015, the second SMART Institute at UMaine drew 78 students and 13 teachers from 12 high schools and tribal communities throughout Maine, the article states.

UMaine announces Bangor region Top Gun Entrepreneurship Accelerator class

22 Feb 2016

The University of Maine has announced the selection of the Bangor region 2016 Top Gun Entrepreneurship Accelerator class. Top Gun is a four-month program that combines entrepreneurship curriculum with mentorship and culminates with a statewide event, which includes a pitch-off and product showcase. Top Gun is hosted in the Bangor region by UMaine and is offered in partnership with the Maine Center for Entrepreneurial Development based in Portland. Additional cohorts will participate in Portland and Rockland. The companies in the Bangor class range from Revolution Research, a business started by a UMaine graduate student who is developing rigid foam insulation made completely from bio-based materials; to Print Bangor, a printing company seeking to combine big print shop capabilities with localized service. Other participants represent diverse industries such as publishing, funeral services, manufactured products, and food and beverage. While each company is different, they share a high aspiration to achieve growth. Of the 117 companies that have been through Top Gun statewide since 2009, 40 percent are generating revenue at an annual rate of up to \$1 million. Most of the rest are in product and business model development, with a handful still in research or in the product and business model definition stage. One of the participants, Dr. Daniel Steinke of Dental Health Advantage Plan is growing a business to help individuals access affordable dental care. “When introduced to the Top Gun program concept, we immediately thought we could tremendously benefit from having the expert mentorship and guidance from the program,” he says. “We are excited to be a part of the program and anticipate the input catapulting our new business endeavor.” The program will begin Feb. 27 with an orientation session for all participating companies statewide. A regional pitch-off will be held in Bangor on May 18 to select companies that will get to pitch in the statewide showcase May 25 in Portland. Throughout the program, the entrepreneurs will refine their business model and company pitch with the assistance of mentors from the Bangor region and beyond. The sessions will be based at the Target Technology Center and Incubator in Orono. The Bangor Target Area Development Corp. (BTADC), which owns and manages the Target Technology Incubator, is the platinum sponsor for Top Gun in the Bangor region. BTADC is a private, nonprofit economic development corporation focused on the Bangor region’s startup economy. “For 15 years we have been helping new technology companies get their start,” says Evan Richert, president of BTADC. “Top Gun has served several of our incubating companies, and in turn some of the Top Gun graduates in their business development stage become tenants or affiliates of the Target Technology Center. Our sponsorship continues this close partnership.” “The University of Maine is proud to organize and support the Bangor region class of Top Gun,” says Renee Kelly, director of economic development initiatives at UMaine. “Several of the participating companies have ties to the University of Maine and the program aligns with our mission to support innovation that will grow Maine’s economy.” The 2016 Top Gun Bangor region class:

- Elizabeth Keating — Botanical Brews & Happy Kids
- Kasey Smith — Eternav
- Elena Metzger — Print Bangor
- Kelly McClymer — Kelly McClymer Books
- Feras Elyounis — Half Auto
- Simin Khosravani and Nadir Yildirim — Revolution Research Inc.
- John Rasanen — Tips
- Niles Parker — Science Around ME
- Daniel Steinke, Ted Morgan and Dave Pier — Dental Health Advantage Plan
- Mandy Fountaine — Bar Harbor Catering Co.

Contact: Renee Kelly, 581.1454

Elias leads research team in EBioMedicine commentary

23 Feb 2016

A team of researchers led by Merrill "Pete" Elias of the Department of Psychology at the University of Maine published commentary in the Feb. 13 online issue of the journal *EBioMedicine* citing the importance of a new population-based study on the vision impairment and eye diseases in persons with chronic kidney disease ([Wong et al., 2016](#)). In their commentary, "[The Eye is the Window to the Kidney and Brain](#)," Elias and coauthors Rachael Torres and Adam Davey, both of Temple University, note the potential for future studies to similarly examine visual and cognitive outcomes. Visual acuity and other indices of visual function are rarely reported or analyzed in the context of cognitive studies, say the researchers. Analyzing ocular diseases and cognition "would help us understand the extent to which cognitive deficits in the elderly are, in part, a reflection of poor vision rather than cognitive impairment," say Elias, Torres and Davey.

UMaine Extension provides tips to gauge when goats, sheep need vet care

23 Feb 2016

University of Maine Cooperative Extension has published a fact sheet for producers of goats and sheep to determine whether veterinary care is needed. "[When to Call the Veterinarian — Tips for Producers of Small Ruminants in Maine](#)" was written by Richard Brzozowski, UMaine Extension food system program administrator; Anne Lichtenwalner, DVM, UMaine Extension associate professor of animal and veterinary sciences; and James Weber, DVM, UMaine associate professor of veterinary sciences. For more information, free downloads or to obtain copies for 50 cents each, visit the UMaine Extension Publications Catalog [website](#) or contact extension.orders@maine.edu, 581.3792.

UMaine Miracle Network Dance Marathon Feb. 27

23 Feb 2016

The 12-hour University of Maine Miracle Network Dance Marathon will be held from 5 p.m. Saturday, Feb. 27 to 5 a.m. Sunday, Feb. 28 at the New Balance Student Recreation Center on campus. Since 2012, the annual event previously known as Bearfest has raised more than \$200,000 to help area hospitals support local children. Last year, the event became the largest community fundraiser on campus, bringing in \$70,599.99 for EMHS Foundation Children's Miracle Network Hospitals. This year, UMaine student organizers hope to raise \$100,000 for Children's Miracle Network Hospitals, including Eastern Maine Medical Center in Bangor. If the goal is met, EMMC has said it will dedicate a room in its new neonatal intensive care unit (NICU) to the event. More information, including how to donate and register, is on the event's website and [Facebook](#) page.

Mainebiz reports on Top Gun classes in Bangor, Portland, Rockland

23 Feb 2016

[Mainebiz](#) reported the Maine Center for Entrepreneurial Development (MCED) and University of Maine have announced the members of the 2016 Top Gun Entrepreneurship Accelerator class. This year marks the second year sessions will convene in Portland, Bangor and Rockland, and the seventh class since the program started in 2009, according to the article. Top Gun is a three-month program that combines entrepreneurship curriculum with mentorship and culminates with a statewide event, which includes a pitch-off and product showcase. Top Gun is hosted in the Bangor region by UMaine and is offered in partnership with MCED. "This year's Top Gun class truly represents the uniqueness and diversity of Maine's startup community," said Don Gooding, executive director for MCED. "Every year we draw an amazing group of companies that continually raise the bar in Maine." [Village Soup](#) also reported on the Top Gun class.

Black Bear Marathon included in Holiday Lettings list of 50 U.S. road races to try

24 Feb 2016

The University of Maine's Black Bear Marathon was included in [Holiday Lettings](#) from TripAdvisor's "50 U.S. road races to attempt in your lifetime." The second annual Black Bear Marathon, Half Marathon and 10K, which will take place June 5, 2016 on and around the UMaine campus, was the only race listed for Maine. The blog post stated it put together "the ultimate bucket list for running fanatics: the best road races in every state in America." More information about the Black Bear Marathon is [online](#).

National Park Service video features dragonfly mercury project founded at UMaine

24 Feb 2016

The National Park Service recently released an "Outside Science (inside parks)" [video](#) featuring a dragonfly mercury research project that was founded at the University of Maine. "Episode 2: Blue Skies and Dragonflies" explores a research collaboration among UMaine, the U.S. Geological Survey (USGS) and National Park Service to study mercury in dragonfly larvae. The project engages citizen scientists such as students and visitors in national parks to collect dragonfly larvae from distinct sampling sites. The nymphs collected from about 60 national parks are being sent to UMaine, USGS and Dartmouth College laboratories for analysis. According to the National Park Service [website](#) on the project, the goal is to better understand human-caused mercury contamination in national park environments and "characterizing the risk and potential transfer of mercury around food webs." The national park service project was founded at UMaine in 2012 under the direction of Sarah Nelson, a scientist with UMaine's School of Forest Resources, Ecology and Environmental Sciences program, and Sen. George J. Mitchell Center. The project grew from [Acadia Learning](#), a collaboration with UMaine, Schoodic Institute and a group of high school teachers across Maine, New Hampshire and Vermont, who developed field methods that could be used effectively by citizen scientists.

UMaine to host 2016 Engineering EXPO Feb. 27

24 Feb 2016

To celebrate Maine Engineers Week, the University of Maine will host the 2016 Engineering EXPO on Saturday, Feb. 27 in the New Balance Field House on campus. From 9 a.m. to 2 p.m., attendees can experience hands-on activities, view demonstrations and get involved in all the EXPO has to offer. Maine's top engineering firms, academic institutions, organizations and industry leaders will exhibit throughout the field house, offering slime, spaghetti tower competitions, robotics and more to explore. Visitors can take part in activities such as building a wind tower, seeing how many pennies they can balance on a popsicle stick, or experiencing the sensation of having their hair stand on end. A \$2 fee is suggested for admission. For more information or to request a disability accommodation, contact Victoria Wingo at 581.2204, victoria.wingo@maine.edu. The EXPO helps children learn about engineering and can provide the spark to ignite their curiosity and creativity to become future engineers. More than 1,800 people are expected to attend this year's event. The EXPO will be preceded by the Maine Engineers Week Banquet at UMaine's Wells Conference Center on Friday, Feb. 26. A social will begin at 5:30 p.m. with the event starting at 6:45 p.m. Banquet registration is [online](#). National Engineers Week is held annually to promote the work and contributions of the nation's engineers. The 2016 National Engineers Week is Feb. 21–27. In Maine, the Maine Engineering Promotional Council (MEPC) recognizes Maine Engineers Week by presenting the E-Week Banquet and EXPO. MEPC is a nonprofit organization that was created to help advance the engineering profession, as well as promote National Engineers Week in Maine and the contributions of engineers to their communities and society. More about MEPC is [online](#).

Media report on Susan Sarandon's visit to UMaine

24 Feb 2016

Several news organizations, including [The Boston Globe](#) and [Portland Press Herald](#), reported on actress Susan Sarandon's visit to Maine to stump for presidential hopeful Bernie Sanders in advance of the state's March 6 Democratic caucuses. On Tuesday, Sarandon's visits included Becky's Diner in Portland, Bowdoin College in Brunswick and the University of Maine, according to the reports. Her plans for Wednesday included stops in Houlton,

Augusta and Waterville, the reports state. [Maine Public Broadcasting Network](#), [Bangor Daily News](#) and [WLBZ](#) (Channel 2) also reported on Sarandon's visit.

Maine Edge advances Black Bear Leadership Summit

24 Feb 2016

The Maine Edge published a University of Maine news release about the inaugural Black Bear Leadership Summit to be held Friday, Feb. 26 at the Wells Conference Center. Two UMaine student organizations have partnered to organize the event, which is designed to help students develop the skills and perspectives needed to be successful leaders on campus and later in life. The summit will feature workshops and presentations related to group dynamics, professionalism and the value of networking and peer engagement. About 200 students are expected to attend. Participation is free, but online registration is suggested.

UMaine Extension's 'From Scratch' cooking classes featured in BDN

24 Feb 2016

The [Bangor Daily News](#) published a feature article on the University of Maine Cooperative Extension's cooking class series, "From Scratch: Your Maine Kitchen." The classes, which include a recent one on Savory Harvest Pies and next month's Cooking with Maine Beer, embrace the popular locavore spirit of connecting consumers with land and sea, according to the article. "They are geared toward helping people understand the importance of using local food in their own home kitchen," said UMaine Extension educator Kathy Savoie. "We have seen restaurants do a great job of using local foods. This is helping to make the home kitchen feature local foods as well." The series is now in its second season, the article states.

Popular Science reports on grad student, winning lobster photo

24 Feb 2016

[Popular Science](#) published an article on Jesica Waller, a University of Maine master's student in marine biology, and her winning photograph of a baby lobster. Over the summer, Waller raised thousands of lobsters in the lab to see how different climate change scenarios alter their development, according to the article. Her image of a live three-week-old specimen, titled "American Lobster Larva," won the People's Choice award for Photography in the 2016 Vizzies (National Science Foundation's Visualization Challenge), the article states. Several other media outlets including the Associated Press, [Portland Press Herald](#), [WMTW](#) (Channel 8 in Portland), [WLBZ](#) (Channel 2), [The Free Press](#) and [Q97.9](#) also published reports on Waller and her winning photo. [Boston.com](#) and The Republic carried the AP report.

And the People's Choice winner is ... Jesica Waller

24 Feb 2016

For some, a picture is worth a thousand words. For Jesica Waller, it's worth \$500, the opportunity to introduce people to her research through beautiful art and to be published in "Popular Science" magazine. Her photograph of a 3-week-old American lobster won the People's Choice Award and its accompanying cash prize in the Vizzies, a National Science Foundation contest that celebrates striking visuals and video that advance understanding of science. Waller is earning her master's degree in marine biology at the University of Maine Darling Marine Center in Walpole. The stunning lobster photograph she took with a camera mounted on a dissecting microscope is in the March/April edition of "Popular Science." The online headline for Waller's piece is titled "Baby Lobsters Look Like They're From Another Planet." To see Waller's winning photo, which was selected by public vote, as well as the other winners, visit popsci.com/baby-lobsters-look-like-aliens. "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," reads the description of the challenge. "To illustrate is to enlighten." Waller's colorful photograph of a baby lobster against a black background does just that. It shows the complexity of the larval body plan and highlights some of the distinct features, including the feathery tail and sensitive leg hairs. Lobsters, Waller says, have poor vision and use

hairs on their claws to determine whether objects are food. She is researching how lobster larvae at the developmental and genetic levels respond to climate change and ocean acidification. Waller, who earned the 2015–16 Canadian-American Center Fellowship from the UMaine Canadian-American Center for her research, has found when there is a rise in ocean temperature, lobsters experience more rapid development and increased mortality. Each day last summer, Waller selected larvae from her experiment to photograph. Waller, of Sagamore, Massachusetts, says she chose UMaine for graduate school because of the opportunity to work with Research Professor Rick Wahle and to study the culture of lobsters. She was drawn to the beautiful seaside Darling Marine Center campus, which also is close to the Bigelow Laboratory for Ocean Sciences. This is the second year “Popular Science” and the NSF have brought the public “exemplars of information made beautiful.” Halley McVeigh and Noah Oppenheim also are credited on the lobster photograph. McVeigh took part in the research project through an NSF Research Experiences for Undergraduates (REU) program and Oppenheim, a UMaine graduate student pursuing a master’s degree in marine biology and marine policy, helped format the photo. Waller, who says she didn’t have much prior involvement with photography, is grateful for the experience. “I learned how hard it is to get a good picture of something that is alive and moving,” jokes Waller from the 2016 Ocean Sciences Meeting in New Orleans. “I have a much better understanding of lobster larvae and through the process I received many kind words of support from students, the UMaine community and the scientific community. A beautiful image can really introduce people to science and my research.” Contact: Beth Staples, 207.581.3777

Historical Atlas of Maine receives AAG Globe Award

24 Feb 2016

Editor's note: Story updated Feb. 25. The *Historical Atlas of Maine* has received the 2016 American Association of Geographers Globe Book Award for Public Understanding of Geography. The atlas, the result of a 15-year scholarly project led by University of Maine researchers, offers a new geographical and historical interpretation of Maine, from the end of the last ice age to the year 2000. The volume was published by University of Maine Press, a division of UMaine’s Raymond H. Fogler Library. The folio-size *Historical Atlas of Maine* is edited by UMaine historian Richard Judd and UMaine geographer Stephen Hornsby, with cartography by Michael Hermann. It tells the principal stories of the many people who have lived in Maine over the past 13,000 years — the history of Native peoples, European exploration and settlement, the American Revolution, Maine statehood, agricultural and industrial development, and the rise of tourism and environmental awareness. The Globe Book Award is an annual prize for a book that “conveys most powerfully the nature and importance of geography to the non-academic world,” according to the website of the American Association of Geographers, the largest professional organization of geographers in the world. Past recipients include *Atlas of Cities* by Paul Knox, published by Princeton University Press, and *Why Walls Won’t Work: Repairing the U.S.-Mexico Divide*, by Michael Dear, published by Oxford University Press. “The Globe Award for the *Historical Atlas of Maine* is recognition of its national — indeed, international — distinction,” says Hornsby, director of UMaine’s Canadian-American Center. “The award is one of the two most distinguished book prizes available in American geography.” The 208-page atlas features 76 two-page plates with a rich array of 367 original maps, 112 original charts and 248 other images — historical maps, paintings and photos — in addition to its text. The result is a unique interpretation of Maine, a rich visual record of the state’s history, and a major achievement in humanities research. “The maps and charts designed for the atlas convey a tremendous amount of academic research in a beautifully illustrated design that is highly accessible to the reader and invites further exploration,” says Hermann, founder and lead cartographer of Purple Lizard Maps, who worked on the project for 14 years. “I am honored that we received the Globe Award, which further validates that our innovative design approach was correct.” From the first day that the *Historical Atlas of Maine* was available, its content and high production standards have appealed to an astonishingly wide range of people, says Michael Alpert, director of the University of Maine Press. “The truck driver who delivered the editions told me that he found the atlas ‘wonderful to study’ and the CEO of the Association of American Publishers has written that the atlas is ‘visually stunning and fascinating to read,’” Alpert says. “Thousands of readers, from every educational and income level, have learned from and enjoyed this book. University presses usually can only dream about this kind of accessible, rigorous publication; the book’s success can legitimately be seen as the successful accomplishment of the entire scholarly community here at the University of Maine.” In 1997, UMaine Professor of English Burton Hatlen had the idea to compile an historical atlas of Maine that would showcase the mission of a land grant institution and the strength of humanities scholarship. Primary funding for the atlas project included \$160,000 in seed money from the Maine Legislature in 1999 and a \$293,500 National Endowment for the Humanities grant in 2003. With Hatlen’s death

in 2008, Hornsby and Judd led the final years of the scholarship. More information about the *Historical Atlas of Maine* is online:

- umaine.edu/news/blog/2014/11/24/discovering-maine
- umaine.edu/umpress/recently-published/historical-atlas-of-maine

“The atlas is the culmination of an increasingly rich body of scholarship on Maine's past over the last two decades and a reflection of the remarkable diversity of Maine’s history,” says Judd, UMaine's Colonel James C. McBride Professor of History, and a nationally recognized scholar and author on environmental history. “Although the plates subscribe to an overall continuity, they also celebrate this diversity. They reconfigure Maine into a new narrative based on Native cultures, the changing complexion of scientific exploration, the exploitation of natural resources, and the rise of environmental consciousness. “What the atlas does best, I think, in a way that no solely textual presentation can do, is provide an avenue for cultivating historical imagination through a wealth of maps, charts, and images. I think this speaks to its potential for presenting Maine readers with a new portal into their past,” Judd says. Contact: Margaret Nagle, 207.581.3745

Researchers study waistband for attaching radio transmitters to amphibians

26 Feb 2016

In an attempt to improve how amphibians are monitored, University of Maine researchers evaluated a waistband for attaching external radio transmitters to frogs and toads. Radio telemetry provides fine-scale temporal and spatial information about an animal’s movements and habitat use; however, its use for tracking amphibians has been restricted by transmitter mass and lack of suitable attachment techniques, according to the researchers. In the study led by Luke Groff, a Ph.D. candidate in UMaine’s Department of Wildlife, Fisheries, and Conservation Biology, the researchers describe a waistband made from stretch bead cord and evaluate the percentages of resulting abrasions, lacerations and shed transmitters. Using radio telemetry, the researchers monitored the movements and habitat use of wood frogs in 2006 and 2011–13 in Maine; American toads in 2012 in North Carolina; as well as wood frogs, southern leopard frogs and green frogs in 2012 in South Carolina. After observing 172 frogs and toads, the researchers found their waistband resulted in an injury percentage comparable to seven alternative waistband attachment techniques, but 12.5 percent fewer animals shed the waistband. Waistband retention facilitates longer monitoring periods, providing more data per radio tagged animal, the researchers say. The project’s co-authors are Aram Calhoun, a professor of wetland ecology at UMaine; Amber Pitt of the Department of Biological and Allied Health Sciences at Bloomsburg University in Pennsylvania; Robert Baldwin of the Department of Forestry and Environmental Conservation at Clemson University in South Carolina; and Cynthia Loftin of the United States Geological Survey (USGS) Maine Cooperative Fish and Wildlife Research Unit in Orono. The findings are documented in the [article](#), “Evaluation of a waistband for attaching external radiotransmitters to anurans,” published by the journal [Wildlife Society Bulletin](#).

UMaine, Maine Development Foundation release report on tourism

26 Feb 2016

The Maine Development Foundation and the University of Maine’s School of Economics recently released a quarterly report analyzing tourism — a critical economic indicator in Maine. The latest report, “The High Seasonality of Tourism in Maine,” uses data on the state’s taxable lodging sales to examine the seasonal nature of tourism in Maine, which plays a vital role in the state’s economy. Over half of Maine’s tourist activity occurs over the summer months, with considerably less occurring during the “shoulder season” of May, September and October, according to the MDF. The report by UMaine economist Todd Gabe also looks at the contributions of various regions to overall tourist activity in Maine. The report is the seventh in a series exploring the indicators in “Measures of Growth,” the Maine Economic Growth Council’s annual report on the critical factors in Maine’s economy. The full report is on the MDF website.

Robotic technology information for dairy farmers in Waterville

26 Feb 2016

University of Maine Cooperative Extension will host an informational meeting about robotic dairy systems from 10 a.m.–2 p.m. Wednesday, March 9 at Governor’s Restaurant, 376 Main St. in Waterville. The meeting is designed for dairy farmers and industry leaders to learn more about available robotic technology. Scheduled speakers include Les Pike, owner of Keewaydin Farm in Stowe, Vermont, who has used robotic technology for several years on a farm that was named Vermont’s 2015 dairy farm of the year; Kate Fogler of Stonyvale Farm in Exeter, Maine, who will discuss her experiences using robotic calf feeders; and UMaine Extension educator Rick Kersbergen who will discuss robotic technology in Europe. The \$10 fee includes lunch. More information, including registration, is online. For additional information or to request a disability accommodation, contact Kersbergen at 800.287.1426 or richard.kersbergen@maine.edu.

Vice President Dana speaks with WABI following campus power outage

26 Feb 2016

WABI (Channel 5) spoke with University of Maine students and Robert Dana, UMaine’s vice president for student life and dean of students, following a power outage on campus that was caused by a lightning strike. Half of the campus lost power, which led to classes being canceled for much of the day. Power was restored by the afternoon, and classes and normal operations resumed at 4:30 p.m. “We’re very happy that this sort of emergent situation happened when it was 50-plus degrees. We did have half the campus open, so there was access to dining services,” Dana said. “Everyone was safe, sound and secure.”

Mainebiz cites Gabe’s study in report on state’s maple production

26 Feb 2016

University of Maine economist Todd Gabe’s 2014 study on the maple industry’s financial impact on the state was cited in the [Mainebiz](#) article “Gov. LePage vies to make Maine No. 1 in maple production.” Conservation and Forestry Commissioner Walt Whitcomb said in a release that Maine Gov. Paul LePage’s desire to see Maine become the maple production leader is a “very high bar, but the industry and department are working very hard to create more maple products and grow the industry.” Gabe’s study found that including multiplier effects, Maine’s maple syrup industry annually contributes \$49 million in revenue, 805 full- and part-time jobs and \$25 million in wages to the state’s economy, according to the article.

UMaine veterinarians mentioned in Press Herald article on moose herd, hunting permits

26 Feb 2016

The University of Maine was mentioned in a [Portland Press Herald](#) article on a proposal to reduce the state’s moose permits by 24 percent in an attempt to meet public demand for greater opportunities to see the animal, particularly in northern Maine. The approach represents a shift from the past two years, when permits were cut significantly over concerns about moose survival rates because of winter-tick infestation, according to the article. The report mentioned a Maine Department of Inland Fisheries and Wildlife to study the health of Maine’s moose population. Sherry Oldham of Rangeley said she spoke to veterinarians at UMaine who have done blood work on moose in the study, and they suggested the herd is healthy. “They said the moose look better this year than they did last year,” Oldham said.

BDN, Maine Edge review School of Performing Arts production of ‘Urinetown’

26 Feb 2016

The Maine Edge and [Bangor Daily News](#) published reviews of the University of Maine School of Performing Arts production of the award-winning Broadway hit “Urinetown, The Musical.” The satirical comedy by Mark Hollmann and Greg Kotis is the story of a bureaucracy run amok when a water shortage after a 20-year drought results in a ban on private bathrooms. Citizens are forced to pay to use public facilities operated by a ruthless corporation led by a corrupt capitalist who is forever raising prices. The Maine Edge review called the production a “fun, funny show that is both

clever and cutting.” “It is also one of the more ambitious undertakings that we’ve seen from the School of Performing Arts — and ultimately, one of the more successful,” the article states. Performances of the musical, which are scheduled through Feb. 28 in Hauck Auditorium, also were included in the [Bangor Daily News](#) roundup “5 Things to do this Weekend.”

Sturm demonstrates science experiments on WABI, WVII ahead of Engineering EXPO

26 Feb 2016

David Sturm, an instructional laboratory and lecture demonstration specialist at the University of Maine, visited WABI (Channel 5) and [WVII](#) (Channel 7) to give engineering physics demonstrations and talk about the 2016 Engineering EXPO that will take place Saturday, Feb. 27 in the New Balance Field House on campus. From 9 a.m. to 2 p.m., attendees can experience hands-on activities and view demonstrations by Maine’s top engineering firms, academic institutions, organizations and industry leaders. Sturm called the event a day to celebrate engineering and to encourage youth to consider it as a future career option, WVII reported.

Mainebiz cites UMaine, Maine Development Foundation report on tourism

26 Feb 2016

[Mainebiz](#) reported on a newly released report by the Maine Development Foundation and the University of Maine’s School of Economics that examines tourism in the state. The report, “The High Seasonality of Tourism in Maine,” uses data on the state’s taxable lodging sales to examine the seasonal nature of tourism in Maine, which plays a vital role in the state’s economy. The report states more than half of Maine’s total lodging sales have consistently come in June, July and August, while the “shoulder season” months of May, September and October have consistently generated only 25–28 percent of Maine’s annual lodging sales, according to the article. The report noted that bolstering the shoulder season could increase tourism without overtaxing the already-congested summer months, the article states. The full report is on the MDF website. The [Portland Press Herald](#) and [Bangor Daily News](#) also published articles on the report.

Historical Atlas of Maine wins top prize, MPBN reports

26 Feb 2016

The [Maine Public Broadcasting Network](#) reported the *Historical Atlas of Maine* has received the 2016 American Association of Geographers Globe Book Award for Public Understanding of Geography. The atlas, the result of a 15-year scholarly project led by University of Maine researchers, offers a new geographical and historical interpretation of Maine, from the end of the last ice age to the year 2000. The folio-size volume was published by University of Maine Press, a division of UMaine’s Raymond H. Fogler Library. It was edited by UMaine historian Richard Judd and UMaine geographer Stephen Hornsby, with cartography by Michael Hermann. “It’s an enormous deal. It’s a great honor to get this award,” said Hornsby, director of UMaine’s Canadian-American Center. He told MPBN that the effort, which started in 1997, involved funding from the Legislature and the work of many to compile a richly illustrated atlas of Maine geographic history. The book was published in 2014, with a second printing last year, the report states.

WABI, AP preview UMaine Miracle Network Dance Marathon

26 Feb 2016

WABI (Channel 5) and the Associated Press advanced the 12-hour University of Maine Miracle Network Dance Marathon that will be held from 5 p.m. Saturday, Feb. 27 to 5 a.m. Sunday, Feb. 28 at the New Balance Student Recreation Center on campus. Since 2012, the annual event previously known as Bearfest has raised more than \$200,000 to help area hospitals support local children. Last year, the event became the largest community fundraiser on campus, bringing in \$70,599.99 for EMHS Foundation Children’s Miracle Network Hospitals. This year, UMaine student organizers hope to raise \$100,000 for Children’s Miracle Network Hospitals, including Eastern Maine Medical Center in Bangor. Devon Biggie, a UMaine student and co-chair of the event, told WABI about 25 EMHS “Miracle” children are expected at the event Saturday. “They think this day is bigger than Christmas for some of them, so it’s just

the smiles on their faces, the joy that they have and all the fun that they have. And in the end, it's all for the kids," Biggie said. "So no matter how much we raise, no matter how the event goes, it's always going to be a plus. It's always going in the right direction." [The Washington Times](#), The Charlotte Observer, Daily Journal and The Republic carried the AP report.

USDA grant to UMaine focuses on improving food quality

29 Feb 2016

A research team led by professor Denise Skonberg of the University of Maine School of Food and Agriculture has been awarded a nearly \$150,000 USDA grant to develop high-pressure processing technology for sous vide seafood products. Sous vide processing involves the low-temperature, long-time controlled cooking of vacuum-packaged raw foods in a hot water bath, preserving flavor, aroma, nutrients and texture better than conventional cooking methods. In addition to their high quality, sous vide foods are "minimally processed," which is considered desirable by many health-conscious consumers. However, the mild cooking process combined with vacuum packaging raises concerns about the potential growth of harmful bacteria. High-pressure processing (HPP) pasteurization of food products prior to sous vide cooking has the potential to increase the safety and refrigerated shelf life without the use of heat or food additives. This nonthermal process is now used commercially for a variety of food products, and because no heat is applied, it produces "fresh-like" foods with minimal damage to natural flavors, aromas and nutrients. However, at very high pressures, HPP can damage the food texture. The research team — Skonberg; Jason Bolton of University of Maine Cooperative Extension; professor Balunkeswar Nayak of the UMaine School of Agriculture; and Michelle Richardson of the U.S. Army Natick Soldier Research, Development and Engineering Center — propose to combine moderate HPP pressures with sous vide processing to produce seafood products with superior nutritional, flavor and textural characteristics. While initially focusing on high-value seafoods, including lobster tails and scallops, the results could be applicable to improving the quality of other foods.

NSF Teaching Fellowship Program to improve STEM education in rural schools

29 Feb 2016

The Maine Center for Research in STEM Education (RiSE Center) at the University of Maine has been awarded more than \$1.9 million from the National Science Foundation to create a model NSF Teaching Fellowship Program to improve STEM teacher recruitment, preparation, professional development and retention in rural high-need schools. This grant builds on the infrastructure created in the Maine Physical Sciences Partnership (MainePSP) and the Maine Elementary Sciences Partnership (MaineESP), including teacher leadership. The MainePSP is a collaboration among the RiSE Center, almost 30 Maine school districts and some nonprofit partners, including the Schoodic Institute, the Maine Mathematics and Science Alliance, the Institute for Broadening Participation, and the Maine Department of Education. The grant will support 22 fellowships in a six-year program for STEM professionals and recent graduates with bachelor's degrees in science, technology, engineering or mathematics. Students awarded fellowships will enroll in UMaine's Master of Science in Teaching Program to earn teaching certification, and will make a four-year commitment to teach in high-need Maine school districts. The application and selection process for fellows will begin this spring and the first cohort will begin in fall 2016. As part of their fellowship work, NSF Teaching Fellows will receive mentoring and coaching in their classrooms, as well as community-based professional development focused on supporting growth in their teaching. In the last two years, the fellows will focus on developing leadership skills in their home school and district, and will have opportunities to co-lead professional development, assist in preparing pre-service teachers, and begin to develop mentoring and coaching skills. "In today's rapidly changing world, STEM education has never been more important," said Sens. Susan Collins and Angus King in a joint statement announcing the NSF award. "This grant will help empower our next generation of STEM educators as they work to equip rural Maine students with the skills they need to succeed in the 21st century." The announcement comes six months after a \$2 million award from the National Science Foundation for the RiSE Center to improve science and mathematics teacher recruitment, preparation and retention in the state. Both NSF awards build on RiSE Center grants of \$12.3 million from NSF in 2010 and \$1.7 million from the Maine Department of Education in 2013 to establish an infrastructure to strengthen rural science education across the state. The RiSE Center is an interdisciplinary research center at the University of Maine with 18 faculty, 10 staff and over 30 students. Its members conduct research in teaching and learning in the STEM disciplines.

RiSE is working in partnership with over 1,000 Maine teachers to bring research-supported practices to their classrooms through the MainePSP and the MaineESP. The MainePSP and MaineESP have established an innovative partnership between university faculty and preK–12 science teachers, creating a diverse learning community of educators discussing, demonstrating and implementing best practices in science education, from preschool to graduate school. Last October, the Maine Science Teachers Association awarded the MaineESP the 2015 Philip Marcoux Award for its contributions to science education. The work of MainePSP and MaineESP in promoting research-guided science instruction to students — from early childhood through ninth grade — impacted the STEM learning experience of more than 20,000 children statewide in the past year. A story about MainePSP and MaineESP is in the 2015 [College of Engineering magazine](#). Contact: Margaret Nagle, 207.581.3745

Spring tour takes UMaine’s University Singers to four states, March 7–12

29 Feb 2016

The annual spring tour of the 66-member University Singers from the University of Maine will include performances at high schools, churches and a community college in four states, March 7–12. Free public concerts begin at 7:30 p.m. at the following locations: March 7, Winnisquam Regional High School, Tilton, New Hampshire; March 8, James and Betty Hall Theatre/Dutchess Hall, Dutchess Community College, Poughkeepsie, New York; March 10, Orient Congregational Church, Orient, New York; and March 11, Falmouth High School, Falmouth, Massachusetts. The final concert of the tour is 7 p.m., March 12, Garland Auditorium, Thornton Academy, Saco, Maine. The program focuses primarily on the music of American composers, including William Billings, John Knowles Paine, Samuel Barber and Stephen Sondheim. Also on the program will be motets by English Renaissance composer William Byrd and contemporary British composer Tarik O’Regan. The repertoire will be performed by the University Singers on a European tour, May 23–June 4, when the group travels to Ireland and England, singing in such notable venues as Ely Cathedral in Cambridgeshire and Southwark Cathedral in London. “It is a wonderful opportunity to spread the word around the Northeast about the great things happening here at the School of Performing Arts,” says Francis John Vogt, UMaine director of choral activities and conductor of the University Singers, of the upcoming tour. “Because the 66-voiced choir is comprised of both music majors and students in other disciplines, it is a great recruitment tool for the entire university. My favorite aspect of the tour, though, is getting to reconnect with former students and alumni, many of whom host us on our various stops.” Contact: Meg Shorette, 207.581.4721

60 student-athletes named to America East fall Honor Roll

29 Feb 2016

The [America East Conference](#) announced a record 778 student-athletes have been named to its fall Honor Roll. The students receive recognition from the conference for obtaining a grade point average above 3.0. More than half (411) of the student-athletes earned a 3.50 grade point average or better and earned the Commissioner’s Honor Roll status. The University of Maine had 60 student-athletes recognized for the fall Honor Roll. The Black Bears also posted the second highest percentage of student-athletes achieving a 3.0 grade point average or better with 75.9 percent. More information, including a list of UMaine’s student-athletes who were recognized, is on [GoBlackBears.com](#).

Brewer quoted in Press Herald, Fosters.com articles on Maine caucuses

29 Feb 2016

Mark Brewer, a political science professor at the University of Maine, was quoted in [Portland Press Herald](#) and [Fosters.com](#) articles on the coming Maine caucuses. Both state parties are reporting strong interest among voters in their respective caucuses, which are being held this weekend and will follow dramatically different models, according to the Press Herald. “Caucuses are generally so sparsely attended that a very committed group of supporters for any candidate can show up and impose its will in a way that can’t happen in a primary,” Brewer told the Press Herald. He told Fosters.com that Super Tuesday voting is going to be critical in determining whether the parties’ early March gambit works in Maine’s favor. “I think they may be more relevant this year than previous years, but that really has to do more with the nature of these contests. It depends on who’s still in play,” Brewer said. “It could be that candidates are

scraping for every last delegate and in that case, we'll get more attention. Super Tuesday will decide how important Maine is."

WABI reports on fraternity's Sleep Out to raise awareness of sexual assault

29 Feb 2016

WABI (Channel 5) reported live from the University of Maine Beta Theta Pi fraternity's 23rd annual Sleep Out that was held as a fundraiser for Rape Response Services of Bangor. Members of the fraternity stayed outside overnight to raise awareness and funds for sexual assault services. Over the last four years, the Beta brothers have raised more than \$30,000 for the nonprofit, according to the report. "We're all about trying to make the world a better place, and our purpose that we see in this fraternity is to help support sexual assault awareness," said UMaine student and Beta brother Holden Parker.

Blais quoted in BDN article on rise of online crowdsourcing

29 Feb 2016

Joline Blais, a new media professor at the University of Maine, spoke with the [Bangor Daily News](#) for the article, "What does the rise of online crowdsourcing mean to local communities?" According to the article, some Mainers believe the increase in personal fundraising and crowdsourcing websites can have a downside, and Blais said she has long been intrigued by such websites. "With crowdfunding sites, it's usually about contributing money," she said. "I think that something gets lost there when money is the answer to the problem, and people are not the answer. That's a problem in a lot of different parts of our culture. Our solution always seems to be money." Blais said a better alternative may be the websites that aim to bring people together in real life, not just in the virtual one, the article states. "I think the Internet and cellphones and technology work best when they encourage real things to happen in the real world," she said. "When we solve our problems locally, we have more happiness, more connection."

Sandweiss appears on Discovery Science show 'What on Earth?'

29 Feb 2016

Daniel Sandweiss, a professor of anthropology and Quaternary and climate studies at the University of Maine, recently appeared on an episode of the [Discovery Science](#) show, "What on Earth?" The documentary series examines such matters as the planet's extreme locations, phenomena and species. Sandweiss appeared in season three, episode one: "[Finding Vietnam's Lost POWs](#)."

BDN reports on \$2M grant to promote STEM education in rural schools

29 Feb 2016

The [Bangor Daily News](#) reported the National Science Foundation has awarded the University of Maine a nearly \$2 million grant to promote science, technology, engineering and mathematics (STEM) education in rural Maine schools. The grant will support 22 fellowships for recent STEM graduates or current STEM professionals to help them become certified STEM teachers in rural Maine schools, U.S. Sens. Angus King and Susan Collins said in a joint statement announcing the award. The funding supports the Maine Center for Research in STEM Education (RiSE Center), a coalition of teachers, university staff and students who research best practices for teaching and learning in STEM disciplines, according to the article. The center works with teachers around the state to bring the best practices into their classrooms. "This grant will help empower our next generation of STEM educators as they work to equip rural Maine students with the skills they need to succeed in the 21st century," Collins and King said. [Mainebiz](#) also reported on the grant.

WLBZ, WVII cover Engineering EXPO

29 Feb 2016

WLBZ (Channel 2) and WVII (Channel 7) reported on the 2016 Engineering EXPO that was held in the New Balance Field House at the University of Maine. Attendees were able to experience hands-on activities and view demonstrations by 55 exhibitors, including Maine's top engineering firms, academic institutions, organizations and industry leaders. WLBZ focused on the importance of getting females interested in the subject area at an early age. Event organizer Victoria Wingo told WLBZ that Maine needs more engineers and the next generation of women could fill those roles. "When some of the gender barriers are broken down more and more, they get exposed to it earlier, then they can see it in themselves," Wingo said. She told WVII the expo is all about showing children what engineering is.

Press Herald publishes feature on Lewis, long teaching career

29 Feb 2016

The [Portland Press Herald](#) published a feature article on painter Michael Lewis, who has taught art at the University of Maine for 50 years. The winter exhibition in UMaine's Lord Hall Gallery focuses on Lewis, who is teaching his final two classes this semester, according to the article. Laurie Hicks, a UMaine art professor and Lord Hall Gallery director, arranged the "Deep Roots/Old Strength" exhibition of more than 50 paintings that span most of Lewis' 50 years on campus, the article states. "It's important we do this not only to acknowledge what Mike has given to the state as a painter and educator, but to give him the opportunity to reflect. To be able to see so many pieces in one place is so rare," Hicks said. "He's earned this. It's very clear, Mike has had a significant impact on painting in Maine over the last 50 years, with the work he has created and the students he has mentored." Owen Smith, a new media professor and director of the Intermedia MFA program at UMaine, has called Lewis "the soul" of the UMaine Art Department, the article states. "I teach as if everyone wants to be a serious, hard-working, committed artist," Lewis said. He added that if he could, he would continue teaching. "Fifty years is a long time. It's time," he said.

BDN reports on book by Schmitt

29 Feb 2016

The [Bangor Daily News](#) published an article about "The President's Salmon: Restoring the King of Fish and Its Home Waters," a book written by Catherine Schmitt, communications director for Maine Sea Grant College Program at the University of Maine. The book, which was released by Down East Books in 2015, Schmitt traces the Penobscot River's past from the post-glacial era to the present day, and explains how humans harnessed that river for their own needs, often at the expense of the Atlantic salmon, the article states.

Learn about alpacas, llamas with UMaine Extension

01 Mar 2016

University of Maine Cooperative Extension is offering an alpaca and llama workshop from 8:45 a.m. to 3:45 p.m. Saturday, March 12 at the Androscoggin-Sagadahoc counties Extension Office, 24 Main St., Lisbon Falls. Led by UMaine Extension staff, workshop topics will include bookkeeping, enterprise budgeting, insurance, pasture management and nutrition. Participants will spend the afternoon at nearby Graceland Alpaca Farm where Laila Roukounakis will offer a tour and discuss herd health strategies. Dr. Meghan Flanagan, a large-animal veterinarian, also will be on hand to discuss how to prevent and treat for parasites. The \$35 fee includes lunch courtesy of the Maine Alpaca Association. Registration and more information is online. The snow date is March 13. For more information or to request a disability accommodation, contact KymNoelle Sposato at 353.5550, 800.287.1458 (in Maine) or kymnoelle.sposato@maine.edu.

Sun Journal reports airboat rides dropped from Camp North Woods

01 Mar 2016

The [Sun Journal](#) reported airboat rides with the Maine Warden Service will not be part of this year's Camp North Woods at the University of Maine 4-H Camp and Learning Center at Bryant Pond. The boat rides were cut from the

program due to noise complaints from the Community Lakes Association, according to the article. This is the second summer of the Maine Department of Fisheries and Wildlife camp featuring Maine game wardens who appeared in the popular Animal Planet television series “North Woods Law.” The camp provides children the opportunity to participate in outdoor-related activities and learn how to sustain Maine’s natural resources.

Olsen quoted in Press Herald article on controversial bioenergy amendment

01 Mar 2016

Brian Olsen, a professor of biology and ecology at the University of Maine, was quoted in the [Portland Press Herald](#) article, “Group of scientists takes issue with bioenergy amendment co-sponsored by Sen. Susan Collins.” A group of forest scientists, ecologists and climate researchers has sent a strongly worded letter to the U.S. Senate, arguing that a pending bipartisan energy bill amendment introduced by U.S. Sen. Susan Collins incorrectly claims that burning trees for energy is carbon neutral, according to the article. The letter writers contend the carbon-neutral claim relies on questionable assumptions, the article states. But Olsen said in an email to the Press Herald that burning wood to produce energy makes environmental sense. “Any debate that asks whether or not burning wood is carbon neutral misses the point,” he said, adding that he heats his house with wood. “Burning wood is not perfect, but it is a distinct improvement over fossil fuels, and in regions where forests can be managed sustainably, it can benefit the livelihood and lifestyle of those who harvest it. This isn’t the last step toward achieving a sustainable planet, but it can be the next step.”

McCoy to discuss pride as part of Maine Science Festival, BDN reports

01 Mar 2016

The [Bangor Daily News](#) advanced the second Maine Science Festival, which will run Friday, March 18 through Sunday, March 20. While much of the activity is focused at the Cross Insurance Center in Bangor, events will stretch to bars, restaurants, galleries and shops throughout downtown, according to the article. Bar and restaurant Blaze will host festival-goers age 21 and over for Science on Tap, a showcase event from 7 to 10 p.m. Friday. During the event, speakers will present examples of some of the seven deadly sins as exhibited in nature, the article states. Shannon McCoy, a psychology professor at the University of Maine, will discuss pride during the event that is meant to be informal, fun and interactive, according to festival organizer Kate Dickerson.

Stack quoted in Press Herald ‘Maine Gardener’ column

01 Mar 2016

Lois Berg Stack, an ornamental horticulture specialist with the University of Maine Cooperative Extension, was mentioned in the latest column in the [Portland Press Herald](#) “Maine Gardener” series. In the article, “Landscape your garden as though it’s a native landscape,” the author recalls a landscape design class he took that was taught by Stack. She told the class that landscapes look and work better if they include plants that go together in nature, according to the article. To find out what these groupings are, she recommended the book, “Natural Landscapes of Maine: A Guide to Natural Communities and Ecosystems,” published in 2010 by the Maine Natural Areas Program of what is now the Department of Agriculture, Conservation and Forestry, and written by Susan Gawler and Andrew Cutko, the article states.

Johnson warns Maine seed potato growers of new bacteria, BDN reports

01 Mar 2016

The [Bangor Daily News](#) reported a little-understood bacteria is bringing back Blackleg, an older potato disease, and threatening the reputation of Maine seed potatoes. Blackleg is caused by a number of bacteria, but the disease has been kept under control in Maine seed farms for more than a decade, making its emergence in the mid-Atlantic last year a bit of a mystery until the cause was identified as the bacteria Dickeya by Steve Johnson, a crops specialist with the University of Maine Cooperative Extension in Presque Isle, according to the article. “This isn’t your daddy’s Blackleg,” he told farmers at the Maine Potato Conference in January. Johnson said seed growers will have to pay more attention to

overall sanitation. “If growers start with seed free from Blackleg contamination, the disease can be kept at very low levels,” he said. Seed potatoes can be treated with fungicides, planted in soil that is not too wet and in fields that are regularly rotated between potatoes and other crops, the article states.

CCAR, UMaine grad’s tropical fish business featured in Bangor Metro

01 Mar 2016

Bangor Metro magazine published an article on Sea & Reef Aquaculture, a company located at the University of Maine’s Center for Cooperative Aquaculture Research in Franklin. The company, which was founded in 2003 by marine biologist Soren Hansen, breeds ornamental tropical fish that are shipped from Maine to pet stores and distributors worldwide to be sold to tropical fish hobbyists, according to the article. Hansen, who received his doctorate from UMaine in 2013, conducted years of research at the university before launching the company. His work was focused on how to successfully breed tropical fish in captivity to create healthy, colorful fish with long lifespans, the article states. Today, Sea & Reef Aquaculture breeds more than 50 species and color morphs of fish in the facility that’s leased from UMaine. A team of biologists, including several UMaine graduates, manage the operation, according to the article.

Still Water team awarded \$10,000 grant

01 Mar 2016

A Still Water team led by Professor of New Media Jon Ippolito was awarded a \$10,000 grant from the Carl & Marilyn Thoma Art Foundation to expand an innovative online publication platform. The project aims to link thematically similar online essays. In 2015, Ippolito was the inaugural recipient in the "established" category of the [Arts Writing Fellowship Awards from the Thoma Foundation](#). In December, he and writer Joanne McNeil were at New York's School of Visual Arts for "Better Words about Bits," a conversation on criticism and digital art. Additional information about the presentation is [online](#).

Advanced statistical analysis to benefit research on at-risk teens in Maine

01 Mar 2016

Rebecca Schwartz-Mette, assistant professor of psychology, and two Ph.D. students in clinical psychology — Melissa Jankowski and Hannah Lawrence — attended the SIENA Winter School in Zurich, Switzerland, a four-day course in longitudinal social network analysis. The advanced statistical approach can be used to examine peer influence within social networks. A UMaine Regular Faculty Research Award funded the trip and a research study beginning this spring with at-risk adolescents in Maine to examine peer influence in depression and associated health-risk behaviors, such as self-injury and suicide. The statistical approach will allow the researchers to more precisely statistically examine peer influence effects in adolescent social networks.

Allan to lead second webinar on hazing prevention

01 Mar 2016

University of Maine Professor of Higher Education Elizabeth Allan this week will lead the second of two free webinars on hazing prevention, sponsored by 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. A December webinar led by Allan featured a welcome and call to action by then Secretary of Education Arne Duncan. “Hazing is not some kind of harmless or acceptable tradition,” Duncan said. “We as educators must work — and must work together — with our students to create new norms around group bonding and implement programs that prevent hazing from occurring.” The follow-up webinar will be held Thursday, March 3, from 2–3:30 p.m. The goal is the help participants:

- Define hazing and identify three key components of hazing
- Consider how hazing falls within a spectrum of interpersonal violence and how it differs from bullying behavior

- Articulate challenges and opportunities related to hazing prevention
- Describe how key principles of prevention science inform a comprehensive approach to hazing prevention
- Draw upon the ecological model to provide examples of risk and protective factors for hazing on multiple levels
- Identify key stakeholder groups to engage in hazing prevention
- Articulate how evidence-base in other fields has informed emerging approaches to hazing prevention
- Describe examples of current hazing prevention initiatives
- Delineate what educators can do to initiate and sustain hazing prevention efforts in their college, university, and/or schools

Other participants in the upcoming webinar include: Tim Marchell, director of the Skorton Center for Health Initiatives, Cornell University; Anne Reber, dean of students, Texas A&M University; Germaine Graham, associate director of the LEAD Scholars Program, University of Central Florida; and Elliot Hopkins, director of educational services, National Federation of State High School Associations. The first webinar Allan hosted for the National Center on Safe Supportive Learning Environments is archived [online](#). More information about Thursday's webinar, including how to register, is [online](#).

Smith to mentor JAX postdoc about active learning techniques

02 Mar 2016

A professor at the University of Maine and a postdoctoral researcher at The Jackson Laboratory have been awarded a fellowship geared at promoting active learning techniques to improve biology education. Michelle Smith, an assistant professor in UMaine's School of Biology and Ecology, and Christopher Baker, a genetics researcher at The Jackson Laboratory, earned a Promoting Active Learning & Mentoring (PALM) Fellowship that connects postdoctoral fellows with mentors who are experts in active learning techniques. Smith is an expert. She's regularly invited by colleges nationwide to share her research about active learning. In 2013, she became principal investigator on four projects and co-principal investigator on another, all aimed at improving science instruction and assessments nationwide. She also is a co-principal investigator on a newly awarded \$1.9 million National Science Foundation grant to improve STEM teacher preparation and retention in rural high-needs districts. In one study, she and collaborators found that students in undergraduate science, engineering and mathematics classes that incorporated active learning techniques were 1.5 times more likely to pass than those in traditional lecture-format classes. And they found those 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. At The Jackson Laboratory, Baker conducts research to understand the process that generates new genetic variation in sexually reproducing organisms. Smith and Baker met at a course at The Jackson Laboratory called The Whole Scientist that provides scientists with training in several areas, including teaching, grant-writing, ethics, entrepreneurship and communication. For the fellowship, they'll collaborate on a classroom unit on genetic recombination. In late March, Baker will teach the topic to students in Smith's genetics course using active-learning techniques such as clickers and peer discussion. The collaboration, says Smith, is a win-win. Baker will gain hands-on experience using active learning strategies as well as feedback and guidance. Smith and her students will benefit from Baker's up-to-the minute research knowledge on the topic of recombination and genetic variation. Several partners, including the Genetics Society of America, support this fellowship; Smith and Baker are both members of GSA. "The current literature shows that current and future college instructors can learn more about active learning and get the support and constructive feedback they need if they participate in long-term mentoring opportunities," Smith says. "I am appreciative to the PALM network and societies such as the GSA for having the vision to support these types of initiatives." This is the first year the award has been presented. Three mentor/mentee pairs were chosen. To learn more about Baker, visit jax.org/research-and-faculty/faculty/postdocs/christopher-baker.

Marine scientists share discoveries in New Orleans

02 Mar 2016

University of Maine marine scientists shared their research findings at the 2016 Ocean Sciences Meeting last week in New Orleans at the same time a tornado and hail battered the Big Easy, which, on average, is 6 feet below sea level. Heather Leslie, director of the UMaine Darling Marine Center, said nearly 4,000 participants were expected at the six-

day event focused on a range of topics, from zooplankton grazing to sea surface temperature anomalies. Among the highlights for UMaine, Pete Jumars, recently retired professor of oceanography and former director of the School of Marine Sciences, was honored at a session co-organized by colleague Lee Karp Boss. In addition, university scientists and friends active in the Gulf of Maine research community gathered informally Monday evening. “It was fantastic to see so much interest in Gulf of Maine science,” Leslie said. “We have such a vibrant community of scientists and students and this was a great way to celebrate all the work presented at the meeting.” UMaine faculty and students who gave talks and presented posters at the Feb. 21–26 program included (in alphabetical order):

- Skylar Bayer, “A Marriage of Larval Modeling and Empirical Data: Linking Adult, Larval and Juvenile Scallops in an Estuary”
- Emmanuel Boss, Lorraine Remer and the PACE Science team, “Progress report from the PACE science team”
- Fei Chai, “Future Changes of Nutrient Dynamics and Biological Productivity in California Current System”
- LeAnn Conlon, “Modeling High Resolution Nearshore Flow Patterns Along the Eastern Coast of Maine”
- Annette deCharon, J. Theodore Repa, Carla Companion and Lisa Taylor, “Online Course Model that Fosters Interdisciplinary Collaboration Among Graduate Students”
- Kevin Du Clos, “Particle Image Velocimetry (PIV) Measurements of Suspension-Feeding Velocities”
- Nils Haentjens and Emmanuel Boss, “Estimate chlorophyll and POC concentrations in the Southern Ocean”
- Heather Leslie, “Sustaining coupled social-ecological marine systems in Mexico’s Gulf of California region”
- Qianqian Liu, “A Modeling Study of the San Francisco Bay and Delta Ecosystem in High and Low River Flow Years”
- Noah Oppenheim, “Recruitment Forecasts with Economics in the Gulf of Maine’s American Lobster Fishery”
- Rachel Lasley-Rasher, “It takes guts to locate elusive crustacean prey”
- Mary Jane Perry, “Modeling primary productivity in the Margin Ice Zone from glider-based measurements of chlorophyll and light during the 2014 MIZ Program”
- Alice Ren, “Observations and Biogeochemical Model Results of Dissolved Oxygen off of Central California”
- Jeremy Rich, “Bacterial succession across seasonal transitions in the coastal waters of the Antarctic Peninsula”
- Karen Stamieszkin, “Zooplankton grazing effects on particle size spectra under different seasonal conditions”
- Megan Switzer and Dave Townsend, “Variable proportions of nutrients (N + Si) in the Gulf of Maine: Potential Role of Internal Recycling vs. Advective Inputs”
- Andrew Thomas, “Sea Surface Temperature Anomalies, Seasonality and Phenology Changes on the NE U.S. and Scotian Shelf”
- Dave Townsend and Neal Pettigrew, “Alternating Oceanographic States in the Gulf of Maine: Variable Water Mass & Nutrient Fluxes”
- Rick Wahle, “U.S.-Canada Monitoring Network Reveals Biodiversity Patterns in Data-poor Marine Cobble-Boulder Habitats of the Coastal Northwest Atlantic”
- Jessica D. Waller, “Linking ocean acidification and warming to the larval development of the American lobster (*Homarus americanus*)”
- Gayle Zydlewski, “Fish Behavior, Presence, and Distribution in a Tidally Dynamic Region, with and without a Tidal Energy Device.”

The American Geophysical Union, The Oceanography Society and the Association for the Sciences of Limnology and Oceanography sponsored the 2016 Ocean Sciences Meeting. The next meeting is planned for February 2018 in Portland, Oregon. The 62,000-member AGU “galvanizes a community of Earth and space scientists that collaboratively advances and communicates science and its power to ensure a sustainable future,” according to its website.

Upcoming sportsmen’s show at UMaine to support wildlife conservation, student scholarships and youth education

02 Mar 2016

The Penobscot County Conservation Association (PCCA) of Brewer, Maine will be sponsoring its 78th Eastern Maine Sportsmen’s Show March 11–13 at the Memorial Gym and Field House. The show will include over 120 exhibitors of canoes, fishing and fly-tying equipment, hunting dogs, taxidermy, boat and marine supplies, outdoor wear, archery, camping, backpacking, ATV’s and other outdoor recreational equipment. There will also be a variety of interactive

demonstrations and outdoor-related presentations. Proceeds from the show help support a variety of conservation activities sponsored by PCCA, including investments in scholarships for students majoring in wildlife ecology at UMaine and in wildlife biology at Unity College. PCCA's scholarship program began in 1960 with a \$150 scholarship awarded to a UMaine student majoring in fish and game management. Over the years, that program has grown to 21 scholarships provided annually to University of Maine students, 10 scholarships to students at Unity College, and three scholarships to students at the University of Maine at Machias. The total amount of scholarship and other support for students majoring in wildlife-related disciplines has totaled more than \$1.3 million, helping attract and retain hundreds of students interested in pursuing careers in wildlife management and conservation. The Penobscot County Conservation Association also has a long history of sponsoring Maine youth to attend summer conservation camps, student research projects and conservation programs statewide. Since 1958, PCCA has maintained a clubhouse near the shores of the Penobscot River in Brewer, Maine that it shares with other conservation groups, student organizations and professional societies that embody its visions of wildlife conservation, outdoor education, habitat protection, and sustainable management and use of natural resources. The association also owns and manages a 1,300-acre wildlife management area in Stetson, Maine that is used as a demonstration area for wildlife-habitat management and for outdoor recreation. Several fields on the property host an active program to propagate the American chestnut tree, the iconic and ecologically important species that has been on the brink of extinction. The Eastern Maine Sportsmen's Show is PCCA's largest annual fundraising event. This year's hours are: 5–9 p.m., March 11, 9 a.m.–8 p.m., March 12 and 10 a.m.–3 p.m., March 13. Single-day tickets are \$8 (children under 11 free); an unlimited weekend pass is \$15.

More UMaine centers, programs debut new websites

02 Mar 2016

Over the past couple of weeks, several University of Maine centers and programs have upgraded to the university's new website template. Newly launched websites include:

- [Center for Community Inclusion and Disability Studies](#)
- [Levesque Lab](#)
- [Howell Biointerface and Biomimetics Lab](#)
- [Aroostook Farm](#)
- [Blueberry Hill Farm](#)
- [Roger Clapp Greenhouses & Littlefield Garden](#)
- [Highmoor Farm](#)
- [Rogers Farm](#)
- [J. Franklin Witter Teaching & Research Center](#)
- [Canadian-American Center](#)
- [Savage Challenge](#)
- [Alfond Challenge](#)
- [Bananas T. Bear](#)

The new umaine.edu and related pages debuted last summer. For more information on the UMaine website conversion, contact Mike Kirby at mike.kirby@maine.edu or 581.3744.

Post-harvest handling theme of grain conference at NMCC

02 Mar 2016

Registration is open for the University of Maine Cooperative Extension's annual Maine Grain Conference, to be held from 8:30 a.m. to 4:30 p.m. Wednesday, March 23, at Northern Maine Community College, 33 Edgemont Drive, Presque Isle. Post-harvest handling is the theme of the conference designed for farmers, crop advisers and others involved in the agricultural community. Scheduled speakers include Eric Thériault, grain-producer with Eastern Grains, Inc. in Drummond, New Brunswick; Loïc Dewavrin, miller and owner of a 1,500-acre organic farm outside Quebec; and Kenneth Hellevang, agricultural engineer with North Dakota State University. Additional topics include cover crops and soil health, storage practices, crop insurance and research trial results. Participants will receive 2.0 pesticide

recertification credits and 3.5 Certified Crop Adviser credits. Pre-registration is required by March 18. Cost is \$25 if registered by March 14; \$35 after. The fee includes lunch and a snack. Registration is online. For more information or to request a disability accommodation, contact Tom Molloy, 581.3213, thomas.molloy@maine.edu.

Maine Edge advances meeting about robotic technology for dairy farming

02 Mar 2016

[The Maine Edge](#) published a University of Maine news release announcing the University of Maine Cooperative Extension will host an informational meeting about robotic dairy systems from 10 a.m. to 2 p.m. Wednesday, March 9 at Governor's Restaurant in Waterville. The meeting is designed for dairy farmers and industry leaders to learn more about available robotic technology. Scheduled speakers include Les Pike, owner of Keewaydin Farm in Stowe, Vermont, who has used robotic technology for several years on a farm that was named Vermont's 2015 dairy farm of the year; Kate Fogler of Stonyvale Farm in Exeter, Maine, who will discuss her experiences using robotic calf feeders; and UMaine Extension educator Rick Kersbergen who will discuss robotic technology in Europe. More information, including registration, is online.

BDN reports on Michelle Kwan's visit to UMaine

02 Mar 2016

The [Bangor Daily News](#) reported on a recent visit by two-time Olympic figure skating medalist Michelle Kwan to Hillary Clinton's Bangor campaign office. Kwan is surrogate outreach coordinator for the Hillary for America campaign and served as Clinton's senior adviser for public diplomacy and public affairs and the first public diplomacy envoy for the U.S. State Department, according to the article. While in Maine, Kwan also made an unannounced stop at the University of Maine where she met with students, the article states. "I'm so glad to be here in Maine. It's such an important time to be here," Kwan said ahead of this weekend's Democratic caucuses.

Comins speaks about gravitational waves on MPBN's 'Maine Calling'

02 Mar 2016

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 "Gravitational waves and news from out of this world," focused on a recent detection of gravitational waves by physicists 100 years after Albert Einstein predicted them, as well as the latest news from around the galaxy, including the mysterious Planet 9.

BDN publishes op-ed by Carter

02 Mar 2016

The [Bangor Daily News](#) published the opinion piece, "When jobs aren't enough to overcome low wages, precarious conditions" by Valerie Carter, a research associate and instructor at the University of Maine's Bureau of Labor Education. Carter 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.

Student's efforts to raise funds, awareness of cancer featured in Bangor Metro

02 Mar 2016

[Bangor Metro](#) magazine published an article on fourth-year University of Maine student Matt Dexter. He is president and founder of the Christine B. Foundation (CBF) — named in honor of his mother who died of stomach cancer when he was 13. To positively affect people fighting cancer, Dexter has organized a seven-day relay run this July to raise awareness and funds that begins in Portland, Maine and ends in New York City. Each registrant is required to raise a

minimum of \$2,000. The proceeds are then invested into CBF comfort bags that are handed out to patients at a cancer center on the one rest day runners are given during the weeklong event, according to the article. “Handing out those comfort bags is where the runners get to see their impact,” Dexter said. “We not only provide positive thoughts and motivation but also provide CBF comfort bags with blankets, back scratchers, lotion and things patients have actually requested. We don’t know them, we’re just supporting them and their battle against their cancer.”

Cruz to hold rally at UMaine, media report

02 Mar 2016

Multiple news organizations, including the Associated Press, [Portland Press Herald](#), [Bangor Daily News](#), [WVII](#) (Channel 7), [WLBZ](#) (Channel 2) and [WMTW](#) (Channel 8 in Portland) reported presidential candidate Ted Cruz will hold a rally at the University of Maine on Friday, March 4. The “Cruzín’ to Caucus Rally” will begin at 10:30 a.m. in Hauck Auditorium. Doors open at 9:30 a.m. Tickets are free and can be reserved through the Eventbrite [website](#). The rally, which is set for a day before Maine Republicans hold their presidential caucus, will be the first campaign stop in the state for the senator from Texas, according to the Press Herald. [Maine Public Broadcasting Network](#) carried the AP report, and [Sun Journal](#) published the BDN report.

Maine Grass Farmers Network Grazing Conference March 19

03 Mar 2016

University of Maine Cooperative Extension and the Maine Grass Farmers Network (MGFN) will host the 12th annual Maine Grazing Conference 8:30 a.m.–3:30 p.m. Saturday, March 19 at Kennebec Valley Community College’s Alford Campus, Route 201 N/Skowhegan Road, Hinckley. Keynote speaker Sarah Flack, whose new book “The Art and Science of Grazing” will be available this spring, will discuss the creative application of grazing science. Other expert speakers from the Northeast and Canada will present on topics including silvopasture, pasture basics and recent research on improved forage species. Additional conference sponsors include the Maine Beef Producers Association (MBPA); Maine Department of Agriculture, Conservation and Forestry; Maine Organic Farmers and Gardeners Association; and the Natural Resources Conservation Service. Cost is \$60 for MGFN and MBPA members, \$75 each/\$25 for additional nonmembers. Lunch is included. Registration and more information is [online](#). For more information or to request a disability accommodation, call Waldo County UMaine Extension at 342.5971 or 800.287.1426 (in Maine); TDD 800.287.8957 (in Maine).

Learn to make marinades, desserts with Maine craft beers

03 Mar 2016

The University of Maine Cooperative Extension series “From Scratch: Your Maine Kitchen” concludes with a workshop about cooking with beer from 10 a.m. to noon Saturday, March 19, at the UMaine Extension Cumberland County office, 75 Clearwater Drive, Falmouth. Extension educator Kathy Savoie and food preservation community education assistant Kate McCarty will lead the workshop. Participants will learn to make salad dressings, marinades, quick breads and desserts using Maine craft beers. Attendees should bring a cooler to class to take home a serving of local beef, pork or tofu with a beer marinade. McCarty also will share information from her book “Distilled in Maine.” The workshop fee is \$40 per person. Registration is online. For more details or to request a disability accommodation, contact 781.6099, 800.287.1471 (in Maine), extension.rlreception@maine.edu.

Free Press reports on computer model project to aid lobster industry

03 Mar 2016

[The Free Press](#) reported on a project by the Maine Sea Grant College Program and the University of Maine Cooperative Extension that aims to help lobstermen. The three-year project, “Planning for a Changing Climate: A Participatory Approach to Fishing Community Adaptation,” has drawn on the observations of South Thomaston lobstermen to devise a computer model to help lobstermen cope with a warmer Gulf of Maine, according to the article. The purpose of the

computer model is to show how the warming temperature in the Gulf and the time of lobstering can affect yearly profits, the article states. "Economic reliance on the lobster fishery means that coastal communities are particularly sensitive to changes in the marine environment that affect the lobster populations," said project leader Esperanza Stancioff, who is a climate change educator with UMaine Extension and Maine Sea Grant. Sam Belknap, a graduate student and National Science Foundation Fellow at UMaine's Climate Change Institute, helped create the system dynamics computer model. "Models are excellent at capturing the complex feedback that define systems where economics and ecology intersect. The lobster fishery is a prime example. Water temperature, fishing effort, lobster supply and demand for the product all play an important part. More importantly, changes in any one of these things can affect the others. That's where system dynamics comes into play," he said.

Maine CDC to hold meetings on substance abuse prevention efforts

03 Mar 2016

Maine Center for Disease Control and Prevention Substance Abuse Prevention Services will hold four regional meetings across the state to engage communities and higher education institutions in exploring collaboration in drug prevention efforts. The two-hour meetings will be opportunities to talk about the needs and resources regarding alcohol, tobacco and other drug prevention in communities and on campuses. The Maine CDC-led meetings with representatives from community coalitions, and colleges and universities, including those involved in Healthy Maine Partnerships, will be held March 31 at the University of Maine, April 8 at the University of Maine at Presque Isle, April 15 at Thomas College and April 22 at the University of Southern Maine.

New program at Emera Astronomy Center demonstrates state-of-the-art technology capabilities

03 Mar 2016

"The Life of Trees," a new UMaine Emera Astronomy Center program showing at 2 p.m. on Sundays in March, is an example of how the new digital planetarium will be used to explore numerous science, arts and cultural programming. The astronomy center, home of the Jordan Planetarium and Observatory, is expanding its public offerings with its state-of-the-art full-dome technology that immerses audiences in explorations ranging from the local environment to the universe. "The Life of Trees," designed for ages 5–10 and featuring Dolores the ladybug and a firefly named Mike, raises awareness of the need to protect the natural environment. It includes a live presentation on the importance of trees in Maine. Tickets are \$6 per person and available at the door. To reserve tickets, for more information or to request a disability accommodation, call the Emera Astronomy Center, 581.1341. More information about the award-winning program is [online](#).

UMaine Miracle Network Dance Marathon raises \$75,000 for local hospital

04 Mar 2016

This year's University of Maine Miracle Network Dance Marathon raised \$75,235.55 to help a Bangor hospital support local children. The event, which in 2015 became the largest community fundraiser on campus, surpassed last year's total of \$70,599.99. More than 300 students took part in the 12-hour event at the New Balance Student Recreation Center. Participants danced, played games and visited with children who have received treatment at Eastern Maine Medical Center in Bangor, an EMHS Foundation Children's Miracle Network Hospital. Funds raised will be donated to Eastern Maine Medical Center's new neonatal intensive care unit (NICU), currently under construction.

Students volunteering throughout country with Alternative Breaks

04 Mar 2016

University of Maine students with Alternative Breaks, a student-led organization that promotes community involvement, are spending spring break volunteering throughout the United States. Since 1998, Alternative Breaks has organized trips for UMaine students to provide volunteer service to others. This year, the nonprofit is deploying eight

groups of eight–12 students. The 88 students, along with faculty and graduate student trip advisers, will spend a week on volunteer work that will touch on several social issues. One of the groups traveled over winter break to the Steinbruck Center at Luther Place in Washington, D.C. The eight students worked with individuals experiencing homelessness and poverty, according to Bryanna Plummer, a fourth-year psychology major at UMaine and Alternative Breaks co-coordinator. The remaining seven trips will leave Saturday, March 5 to travel to different states. Each group will take part in a variety of work throughout the week, including mending fences, maintaining trails, playing with children and helping staff with various projects, Plummer says. Volunteer locations in March:

- Carolina Tiger Rescue in Pittsboro, North Carolina and Woodstock Farm Animal Sanctuary in High Falls, New York to work with animals and the social issue of animal welfare;
- Frankie’s World day care center in Philadelphia, Pennsylvania to work with children with disabilities in a day care setting;
- Childhelp Alice C. Tyler Village in Lignum, Virginia to work with children who have experienced abuse and neglect;
- Rebuilding Macon in Macon, Georgia, to work on homes for individuals who are elderly or disabled and have a low income;
- Land Between the Lakes, a national recreation area in Golden Pond, Kentucky, where students will focus on conservation and the environment; and
- Kingdom House in Saint Louis, Missouri to confront urban poverty and racism.

“Each site is unique and needs assistance with different tasks, and we are eager and happy to help,” Plummer says. More information about Alternative Breaks is [online](#).

Sorority holding ‘Rent-a-Volunteer’ fundraiser, WABI reports

04 Mar 2016

WABI (Channel 5) reported University of Maine sorority Gamma Sigma Sigma is holding a “Rent-a-Volunteer” fundraiser. Sorority members are willing to help students and other Orono area residents with tasks such as yard work, moving and painting, in exchange for donations to support sorority activities, according to the report. “It’s also about getting our name out because not a lot of people know about Gamma Sigma Sigma, so we’re just trying to get more connected with our community because we are a nationally volunteer-based sorority and many people don’t appreciate that,” said Elesha Young, the sorority’s fundraising chair.

Brewer quoted in BDN article on presidential candidates visiting Maine

04 Mar 2016

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Bangor Daily News](#) article, “Why are presidential candidates touching down in Maine?” A win in Maine’s Republican caucuses Saturday would offer Sen. Ted Cruz a chance to slow down front-runner Donald Trump, according to the article. Cruz needs to demonstrate this weekend — when Democrats and Republicans in Kansas, Nebraska, Louisiana and Puerto Rico also make their presidential choices — that he can become the Trump alternative ahead of the Republican National Convention, according to Brewer. Sanders, a U.S. senator from Vermont, also needs a good turnout on Sunday when Democrats caucus if he hopes to close in on former Secretary of State Hillary Clinton, who commands a nearly two-to-one lead so far, Brewer added. “The fact that Maine matters at this point in the primary cycle shows the races aren’t over,” he said.

Vice President Kim to take part in biomedical research symposium, MaineBiz reports

04 Mar 2016

[MaineBiz](#) reported the Maine Medical Center Research Institute will host a symposium March 4 in Scarborough on biomedical research funded by the National Institutes of Health and its effect on the state. The event’s keynote speaker will be U.S. Sen. Susan Collins, who also will participate in a roundtable discussion, according to the article. Among the

panel participants are Carol Kim, the University of Maine's vice president for research and dean of the Graduate School; Michael Hyde, vice president for external affairs and strategic partnerships at Jackson Laboratory; and Laurie Trenholm, executive director of the Maine Alzheimer's Association.

Allan quoted in TribLIVE article on hazing at Pennsylvania high school

04 Mar 2016

Elizabeth Allan, a professor of higher education at the University of Maine, was quoted in a [TribLIVE](#) article on hazing at a Pennsylvania high school. An investigation by local police found a culture of hazing that experts said may have encompassed sexual assault festered on Leechburg High School's boys' basketball team for at least a decade, according to the article. Allan, who is president of Stop Hazing and has conducted national studies on hazing, said it is dangerous when hazing is minimized or dismissed as the norm, the article states. "People need to understand this isn't a harmless tradition," she said. "This is a violation of another person's body. It is a humiliating and degrading experience that has no place on our teams or in our schools. In a different context, people would view this very differently."

WABI reports on University Singers spring tour

04 Mar 2016

WABI (Channel 5) spoke with members of the University of Maine's University Singers, as well as the group's conductor, Francis Vogt, ahead of their annual spring tour. The 66-member choral group will perform at high schools, churches and a community college in four states from March 7–12. "We really use it as way to get the word out about the music that happens here at the University of Maine and then specifically to what we do in the choral program," said Vogt, UMaine's director of choral activities. Molly Abrams, a UMaine student and member of the group, described the ensemble as a close-knit family. "It's been a huge part of my college experience," she said. "It's how I made most of my friends when I got here." The group also has a European tour, May 23–June 4, which will include stops in Ireland and England. [The Enterprise](#) advanced the group's March 11 performance at Falmouth High School in Falmouth, Massachusetts.

Wall Street Journal quotes Kaye in article on age of presidential candidates

04 Mar 2016

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, "Age-old issue gets diminished in election 2016." Some of the top presidential candidates, Democratic presidential contender Bernie Sanders, Republican Donald Trump and Democrat Hillary Clinton are all grandparents and would surpass the average age of 54 years old for an incoming president, according to the article. Kaye said older adults tend to know their own limits well and are rather adept at strategically using their energy and preserving their resources. Some say the presence of seniors vying for the presidency is making a powerful statement about the participation of older adults in society, the article states. "We in the field of aging have taken notice of that, you betcha," Kaye said. "In some respects, that's one of the saving graces of this particular process that's underway, amidst all the twists and turns and to some degree craziness. It's a beautiful sight for those of us who have really been working hard to smash some of the stereotypes."

International affairs conference April 1

07 Mar 2016

The intersection of anthropology, political science and history in international affairs is the focus of a conference April 1 at the University of Maine. International Affairs: An Interdisciplinary Study, 9:15 a.m.–4 p.m., Wells Conference Center, is free and open to the public. It is sponsored by the UMaine International Affairs Program, with support from the School of Policy and International Affairs. Highlights include a roundtable discussion and lectures by leading scholars:

- "What's Culture Got to Do With It: The Importance of Anthropology in International Affairs," by Sarah Tobin, Brown University
- "Money, Guns and the Study of International Affairs," by Rosella Capella, Boston University
- "International Affairs and the Turn to History," by Brian Schmidt, Carleton University

To attend the free lunch, RSVP by March 24 to Peter Fandel, 581.1835; peter.fandel@maine.edu. For more information or to request a disability accommodation, contact Michael Lang, 581.1964; lang@maine.edu.

Black Bears to battle UAlbany for league title, ticket to Big Dance

07 Mar 2016

The University of Maine women's basketball team will play University at Albany for the America East Championship at 4:30 p.m. Friday, March 11. The game, to be played at top-seeded UAlbany, will be broadcast live on ESPNU. The winner will receive an automatic bid to the NCAA Division I Women's Basketball Championship. The second-seeded Black Bears (26–7) advanced to the title game with a thrilling 51–48 victory over Stony Brook in Sunday's semifinal. UMaine will be playing in its 16th conference title game and its first since 2004. That year, the Black Bears bested Boston University and advanced to the NCAA Division I Mideast Region first round, losing to Texas Tech 60–50. UAlbany, which crushed Binghamton 79–43 in the semifinal, is playing in its fifth-straight title game. The Great Danes are shooting to make conference history by winning the championship for the fifth consecutive season. UMaine's win over Stony Brook, its 14th in a row, is its 26th of the campaign. The 26 wins is the second most in school history and one shy of the all-time mark. Sigi Koizar led the Black Bears against Stony Brook, knocking down a trio of treys and finishing with 15 points. Mikaela Gustafsson, Bella Swan and Liz Wood each finished with eight points; Swan and Wood also both pulled down seven boards. With 3:30 left in the fourth quarter and the Black Bears trailing by two, Koizar drilled a deep three. Swan then hit a baseline jumper to give the Black Bears a three-point cushion with a minute to play. Stony Brook had three game-tying attempts in its last possession. Visit goblackbears.com for updates, follow the team on Twitter [@BlackBearsWBB](https://twitter.com/BlackBearsWBB) and like [MaineWomensBasketball](https://www.facebook.com/MaineWomensBasketball) on Facebook.

Pick a day for Maine Vegetable and Fruit School

07 Mar 2016

New grape varieties and management options for the spotted wing *Drosophila* will be among the topics covered at the Maine Vegetable and Fruit School to be held in Portland and Bangor in March. Farmers can attend the one-day school from 8:30 a.m. to 4 p.m. March 15 at Seasons Event and Conference Center, 155 Riverside St., Portland, or March 16 at Bangor Motor Inn Conference Center, 701 Hogan Road, Bangor. Nourse Farms in Massachusetts is the sponsor and University of Maine Cooperative Extension and the Maine Vegetable and Small Fruit Growers Association are hosts. Recertification credits are available. The \$45 per-person fee includes lunch; preregistration is required. For more information, contact David Handley at 933.2100, david.handley@maine.edu. Additional information, including registration, is online. To request a disability accommodation, contact Pam St. Peter at 933.2100.

Handley quoted in Press Herald 'Maine Gardener' column

07 Mar 2016

David Handley, a University of Maine Cooperative Extension specialist of vegetables and small fruits, was quoted in the latest column in the [Portland Press Herald](http://portlandpressherald.com) "Maine Gardener" series. In the article, "On the winter moth and other dangers to your blueberry bushes," the author cited a UMaine Extension list of recommended highbush blueberry varieties in its pamphlet on growing highbush blueberries. The author contacted Handley, who is based at Highmoor Farm in Monmouth and wrote the UMaine extension publication, to ask about the winter moth's potential effect on blueberries. Handley said the winter moth is worrisome because it could spread throughout the state, beyond the coastal areas where it is already a problem, but he believes gardeners should be able to control it by spraying horticultural oil, the article states.

Media report on Cruz rally at UMaine

07 Mar 2016

Multiple news organizations, including the Associated Press, [Maine Public Broadcasting Network](#), [Portland Press Herald](#), [Bangor Daily News](#), [WVII](#) (Channel 7), [WABI](#) (Channel 5), [WLBZ](#) (Channel 2), [WGME](#) (Channel 13 in Portland) and [WMTW](#) (Channel 8 in Portland) covered a rally at the University of Maine for presidential candidate Ted Cruz. The senator from Texas visited Maine a day before he won the state's Republican presidential caucus. [The Washington Times](#), [NECN](#) and [The New York Times](#) carried the AP article. [Sun Journal](#) published the BDN report.

Hopkins quoted in Press Herald article on maple water

07 Mar 2016

Kathy Hopkins, a maple syrup expert with the University of Maine Cooperative Extension, was quoted in the [Portland Press Herald](#) article, "Is Maine ready for maple water (aka sap)?" Bottled maple water, or sap, is marketed in health food stores as a low-calorie, hydrating and slightly sweet alternative to sugary drinks, according to the article. Hopkins said about a dozen maple waters are now on the market, the raw materials for which mostly come from New York and Canada.

AgrAbility cited in Love Maine Radio interview with Goodwill Northern New England chief

07 Mar 2016

Anna Eleanor Roosevelt, president and CEO of Goodwill Northern New England, was interviewed by Dr. Lisa Belisle as part of the "Growing Goodwill #232" radio episode on [Love Maine Radio](#), part of Maine Magazine. Roosevelt spoke about the diverse retail, health care and workforce services Goodwill operates to help individuals and families find stability through work. She mentioned the Maine AgrAbility program, a nonprofit partnership among the University of Maine Cooperative Extension, Goodwill and Alpha One that assists farmers, loggers and fishermen with disabilities and chronic illnesses so they may remain active in production agriculture. "We do help about 400 people across the state in various ways to participate in agriculture, which is one of our state's real claims to fame," Roosevelt said.

Wahle quoted in Working Waterfront, BDN article on lobster fishery

07 Mar 2016

University of Maine marine scientist Rick Wahle was quoted by the [Working Waterfront](#) and [Bangor Daily News](#) in articles on the current state of Maine's lobster fishery. The industry thrived in 2015, setting a record for statewide landings value of nearly half a billion dollars and remaining historically high in catch volume, the BDN reported. However, the uncertain future of the state's fishery was a major topic of discussion during the annual Maine Fishermen's Forum in Rockport, the article states. At the forum, Wahle said some lobster population surveys in the Gulf of Maine have shown that fewer lobsters are reaching the "settlement" stage, which is when young lobsters grow big enough to sink to the ocean bottom instead of floating around in the water column. He said the expansion of younger lobsters into deeper, warmer water might offset the decreases scientists have been seeing in their traditional settlement survey areas, but scientists still think lobster landings in Maine will decrease overall, according to the BDN.

Handley focus of Sun Journal 'People You Know' feature

07 Mar 2016

David Handley, a University of Maine Cooperative Extension specialist of vegetables and small fruits, was the focus of the latest column in the Sun Journal "People You Know" series. Handley, who is based at Highmoor Farm in Monmouth, started 33 years ago with UMaine Extension in what was supposed to be a four-month position, according to the article. His work varies by the season and includes overseeing students who check in on farmers and scout fields to monitor for pests, as well as working on research plots, the article states. A pair of Handley's UMaine Extension

videos, [“How Do I Prune Raspberries?”](#) and [“How to Grow Raspberries,”](#) have received a half-million hits between them on YouTube. “Horticulturally, I don’t consider them a real tricky crop,” Handley said. “(Yet) I have more people get into raspberries, and get out of raspberries, than any other crop I work with. It takes time and they’re thorny, and they come right at the same time of year you’d rather be at the beach.”

BDN interviews Kaye for article on Maine’s opiate crisis among older adults

07 Mar 2016

The [Bangor Daily News](#) spoke with Len Kaye, director of the University of Maine Center on Aging and professor in the UMaine School of Social Work, for the article, “The invisible victims of Maine’s opiate crisis.” Maine’s older citizens, people in their 50s, 60s and older, are often overlooked in reports on the state’s opiate crisis, according to the article. An October 2015 report by the Maine Office of Substance Abuse showed that older adults make up a significant percentage of emergency overdose cases, the article states. Baby boomers, the generation born between 1946 and 1964, are at especially high risk for developing drug dependency and addiction, Kaye said. “The boomers have a lifetime history of being risk-takers,” he said, adding they also have grown up in a society where the use of prescription drugs has increased dramatically. “The responsibility is really on the physicians, who unfortunately continue prescribing these drugs at unprecedented rates,” Kaye said. [WGME](#) (Channel 13 in Portland) also carried the BDN report.

Vice President Kim speaks at biomedical research symposium, WLBZ reports

07 Mar 2016

WLBZ (Channel 2) covered a symposium hosted by the Maine Medical Center Research Institute that focused on biomedical research funded by the National Institutes of Health and its effect on the state. U.S. Sen. Susan Collins was the event’s keynote speaker and participated in a roundtable discussion. Carol Kim, the University of Maine’s vice president for research and dean of the Graduate School, was a member of the panel. She spoke about an initiative at UMaine that is developing new technologies, including an indoor navigation system, which tracks seniors citizens to help keep them safe, according to the report. “If you are living here in southern Maine and your loved one is in Aroostook County, for instance, you can track where they are inside the home,” she said. “But rather than having something more invasive, you would just track them as a dot on a monitor.”

Law enforcement training exercises on campus March 8

08 Mar 2016

Maine State Police and area law enforcement agencies will conduct training exercises in Coburn and Holmes halls on Tuesday, March 8.

Sherlock Holmes tackles case at CCA

08 Mar 2016

The Aquila Theatre Company presents “The Adventures of Sherlock Holmes” at 8 p.m. Saturday, March 19 at the Collins Center for the Arts at the University of Maine. Sherlock Holmes, legendary character of author and physician Sir Arthur Conan, will showcase skills in disguise, forensic science and logical reasoning in this witty, fast-paced production. Other vivid characters in this tale of suspense and intrigue include: Dr. Watson, Holmes’ trusty sidekick; Irene Adler, the woman who got away; and Jabez Wilson, the redheaded mason. The mission of Aquila Theatre, which is based in New York, is to bring the greatest works to the greatest number of people. More information and tickets, which are \$15 for students and from \$29 to \$41 for the general public, are [online](#).

Expanding Your Horizons STEM conference for middle school girls March 17

08 Mar 2016

Approximately 270 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 29th Expanding Your Horizons conference takes place March 17 on the UMaine campus and features workshops for students, as well as teachers from the 16 participating schools. This year's event is being coordinated by UMaine Conference Services with support from the Division of Lifelong Learning. "The goal of the conference is to introduce girls to the STEM programs and to inspire them to start thinking about careers in the sciences," says Brian Bray, director of Conference Services. "It's also an opportunity to showcase the university and to encourage the girls to start thinking about attending college at the University of Maine." Participants will start the day in Neville 101 for a presentation by Kit Hamley, a graduate assistant at UMaine's Climate Change Institute. During her talk, "What Do I Want to be When I Grow Up?" Hamley will share her experiences in the field and how her research has led her around the world, including the rainforests of Costa Rica, the tallest mountains in Peru and the beaches of the Falkland Islands. Throughout the day, groups of girls will be guided around campus by UMaine students and staff to participate in three workshops. Two of the workshops are STEM-related, while the third focuses on gender equity. "The gender equity workshops are designed to get the girls to start thinking about gender roles in the workplace, help them develop critical thinking skills and empower them to start speaking up about their interests in the sciences," Bray says. The gender equity workshop was designed by Andrea Morehouse, a graduate student in the College of Education and Human Development, and will focus on the portrayal of women in the media. Teachers attending the conference will participate in professional development sessions led by Angela Marcolini, Innovation Engineering outreach coordinator at UMaine's Foster Center for Student Innovation; and Erika Allison, project director for the Maine Center for Research in STEM Education (RiSE). CEUs will be available to teachers who attend the educational forums. More information about Expanding Your Horizons is available online or by contacting Bray at 581.4091 or brian.bray@maine.edu.

Ellsworth American publishes BSO review by Hwalek

08 Mar 2016

[The Ellsworth American](#) published a performance review written by Ginger Yang Hwalek, a music instructor at the University of Maine. Hwalek reviewed a recent Bangor Symphony Orchestra performance at the Collins Center for the Arts, which featured the music of Brahms, Tchaikovsky and Stravinsky.

Maine Educational Opportunity Center featured on WLBZ

08 Mar 2016

[WLBZ](#) (Channel 2) reported on the Maine Educational Opportunity Center (MEOC), which is housed at the University of Maine. MEOC provides assistance to adults living in Maine who are considering going back to school, according to the report. Funded entirely by the U.S. Department of Education, MEOC offers free services such as SAT prep, college planning and career advising, the report states. MEOC staff said the starting point for taking the first step toward college is the center's workshop "[The Essentials of College Planning](#)," which is being held in several locations around the state this month.

WVII interviews Brewer about Maine caucus results

08 Mar 2016

Mark Brewer, a political science professor at the University of Maine, recently visited the studio of [WVII](#) (Channel 7). Brewer spoke about the Maine caucus results and what they mean going forward in this year's presidential race.

Media report on 2015 state drug death analysis conducted by Sorg

08 Mar 2016

Several news organizations including the Associated Press, [Bangor Daily News](#), Maine Public Broadcasting Network, [Portland Press Herald](#), WLBZ (Channel 2) and [WAGM](#) (Channel 8 in Presque Isle) reported on a 2015 Maine drug death analysis conducted by Marcella Sorg, a research professor of the Margaret Chase Smith Policy Center at the

University of Maine. The study, which was conducted for the state medical examiner's office, found Maine saw a 31 percent increase in drug overdose deaths last year as addiction to heroin, fentanyl and other opioids continued to take a toll on the state, the AP reported. All told, 272 people died from overdoses in 2015, setting another record following 208 overdose deaths the year before, according to the AP. Most of the overdose deaths, 157, were blamed on heroin and nonpharmaceutical fentanyl, while 111 were caused by prescription opioids, however there's often an overlap of drugs, Sorg told the AP. 2015 marked the first time overdoses caused by street drugs — heroin and fentanyl — surpassed those linked to prescription opioids, she said, adding research indicates addiction to pharmaceutical opioids eventually pushes users to street drugs. "The thing that has changed is the availability of heroin and fentanyl," Sorg said. The Charlotte Observer, [Boston.com](#) and [The Washington Times](#) carried the AP report. [Sun Journal](#) published the BDN article.

Winston "Greg" Smiddy: Wiscasset junior majoring in mechanical engineering

08 Mar 2016

Why UMaine? What made you realize this was the place for you? Like many, although we're forced to make a decision, I had no idea what to do when I finished high school. I was offered a scholarship at Johnson & Wales in Denver to pursue culinary arts, but it turns out that cooking for a living just wasn't a dedication I was willing to make yet. I had to look for something else that I enjoyed — something that I would wake up in the morning excited to do, but also challenged me. Aircraft are something that I've always had great appreciation for, and I decided that I wanted to learn how they work and how to design them. So aerospace engineering, a very challenging and rewarding career, was the obvious choice. As far as engineering schools in Maine, the University of Maine is the place to be. I can honestly say it was that simple for me. Cooking will always be a favorite hobby of mine, though. **How would you describe the academic atmosphere at UMaine?** Challenging and rewarding. **Who are your mentors and role models?** I've always looked up to my grandfather, who's always done everything he can to involve me in his love for aviation. I can easily trace the roots of my passion for flying to my time with him. I have so many sweet memories of playing co-pilot to his pilot from a young age, when he would take me up on the weekends just because he wanted to. He and my grandmother are two of the most giving people I know, and have always been there for me when I needed them the most. I wouldn't be here, at UMaine, without their help. David Stapp, CEO and CTO of Peregrine Turbine Technologies, took me under his wing when I was only in my first semester of engineering, nearly two-and-a-half years ago. The opportunities and real-world engineering experience that he has afforded me are invaluable, and I consider myself lucky to be a part of such a groundbreaking, intense but collected, maverick of a team. Professor Alex Friess has been with me since my first day of school. I started my undergraduate career with UMaine at the Brunswick Engineering Program, where Alex was both the director and one of two primary instructors. He is an excellent instructor and has always had career advice for me when I needed it. Although he is no longer my professor, we still share a common interest in all things aerospace, and he will be an integral resource to the new American Institute of Aeronautics and Astronautics (AIAA) Student Branch here at UMaine. **What do you hope to do after graduation and how has UMaine helped you reach those goals?** Decisions, decisions. Like most, I have big dreams for the things I want to do, and for now I have a few ideas for where to start. My primary option is to continue my work at Peregrine Turbine Technologies when I graduate, where I have gained a significant amount of experience already. Of course, the knowledge that I've acquired at the University of Maine is just as important as my experience. Developing and formalizing my understanding of engineering topics here is a fantastic opportunity, and the college and professors do a great job at cultivating an environment that perpetuates it. **What do you do outside of class?** Free time has been quite tight lately, but when I get a free moment, I enjoy being with my family, developing aircraft flight models for consumer flight simulations and learning about obscure topics. **Favorite place off campus?** Besides the obvious answer of "home," the Wiscasset Airport (or KIWI, if you're a pilot) in my hometown is a place where I've spent a large fraction of my life, and carries significant nostalgic weight for me. I have flown into, out of and around KIWI more times than I can count. I also worked there as a lineman, and the cherry on top is that Peregrine Turbine Technologies is located there. **What difference has UMaine made in your life?** The University of Maine is, first off, a beautiful school. The beauty isn't just an embellishment to the degrees and programs offered here — it makes a huge difference in student morale, and I'm no exception. My time at the Brunswick Engineering Program was convenient and even exceptional, but I'm glad and proud to be here on campus now. When it's all said and done, I know that prospective employers look upon a degree from UMaine with respect and preference, and many would say that's what matters most when my time here comes to an end. **What advice do you have for incoming students?** Everything in moderation. Don't break yourself. Personal organization and balance are the keys to not only staying on top of your courses and making the most of the education that's being paid for, but also the keys to

making sure you have time set aside for yourself to maintain your personal identity and sanity. It took me a long time to find that balance, and I would be lying if I told you that I didn't still have a hard time with it.

Sara Disselkamp: Social work major starts nonprofit for foster children

08 Mar 2016

For as long as she can remember, University of Maine social work major Sara Disselkamp has been determined to give back to others. As an adoptee, she felt the need to help children who may not have been as fortunate as she was. To do so, Disselkamp founded [Something To Snuggle](#), a nonprofit that provides blankets for children in the Maine foster care system. When she's not busy in class, studying, working at her internship at Good Samaritan Agency in Bangor or training for the Miss Maine USA pageant, Disselkamp spends her time devoted to the organization. In the last year, she has partnered with groups and individuals across the country to grow the organization. So far the nonprofit has donated nearly 500 blankets. The Millinocket native was recognized for her efforts by [Glamour](#) when she was selected as Maine's 2015 Hometown Hero. The magazine named one "brave" woman from each state that is making a difference in their community. "This honor was nothing that I had applied for, nobody had submitted my name, so I was in complete shock," Disselkamp recalls of learning the news through an email from a writer at the magazine. "I reread the email multiple times, and I remember becoming teary-eyed because at that moment, I felt that I had made a difference." After graduation in May 2016, Disselkamp plans to pursue a master's degree and eventually become an adoption counselor.

Why did you choose to study social work? Honestly it took me quite a while to figure out what I wanted to study. I switched my major two times before I discovered social work was my calling. I knew that whatever occupation I went into, it needed to involve me helping others. I've always found one of my strengths to be how I communicate with others, and envisioned myself working with people to help them with whatever challenges they may be facing in their personal lives. **Describe your nonprofit:** Something To Snuggle was founded in the summer of 2014, but at that point it simply started as a project. As an adoptee, I've always known that it was part of my purpose here on Earth to give back to others. It took me a long time to figure out exactly how I was going to do that. I remember brainstorming different ways that I could give back to kids who may not have been as fortunate as I was. As a social work major I knew a great deal about the foster care system. It broke my heart to know that a lot of the time when children are removed from their homes and are being transitioned into their foster homes, they don't get to take any belongings with them. I thought that although it was a simple concept, a blanket would serve as a good security item for a child. I began making the fleece tie blankets to donate to organizations such as Adoptive and Foster Families of Maine, as well as DHHS. By promoting this project by word of mouth and social media, many in my hometown jumped on board and the project began to spread like wildfire. I was able to turn what started as a project, into my nonprofit — Something To Snuggle — and have had people make and donate blankets from all over the state of Maine. I've also received packages with blankets to donate from people who live in other states which is extremely heartwarming. **What are your long-term plans for the organization?** People often ask me how long I'm going to continue Something To Snuggle. My goal is to continue promoting my nonprofit year-round. With over 2,000 children in Maine's foster care system, it's certainly an issue that needs to be brought into the spotlight. I plan to continue raising awareness on these topics, and would love to see every foster child in Maine get a blanket to call their own. **Describe your internship:** Every senior in the field of social work participates in an internship that goes from the fall until we graduate in the spring. I've been doing my internship at Good Samaritan Agency in Bangor. It is a school for teen mothers or expecting teens. They also provide child care and adoption services. My experience at Good Sam's over the past four months has been nothing short of amazing. I've learned an incredible amount not only from my supervisor but from the students, as well. Although I have a lot more to learn before I begin my work in this field, I feel that Good Sam's has been the perfect fit for me with regards to my internship. Every day I'm there is truly a blessing. **Walk us through a typical day in your life:** My fall semester was the busiest semester I've encountered. Mondays, Tuesdays and Thursdays I was at my internship from 8 a.m. to 2:30 p.m. — I needed 200 hours in both the fall and spring semester at Good Sam's. On Wednesdays, I had class from 9:30 a.m. to 2 p.m. When I wasn't at Good Sam's or in class, I was doing homework. All of 2015 I was also dedicating any extra time to Something To Snuggle; making blankets, delivering blankets, talking to different groups about the nonprofit and trying to spread the word throughout our state. All of 2015 I was also training for the Miss Maine USA pageant so even with my internship, classes and Something To Snuggle, I was at the gym daily. I had to find time to rehearse and prepare myself both physically and mentally. People always ask me, 'Sara, do you sleep?' And my answer for last semester is 'No, not really.' I seriously wouldn't trade any of it for the world though. I love getting my education, I love helping others and I love what I do with my spare time. **Have you worked**

closely with a professor or mentor who made your UMaine experience better? There have been two women who have absolutely made my UMaine experience better. My adviser and professor Kelly Jaksa is truly one of the most beautiful souls I have ever met. She continuously goes out of her way to bend over backward to help not only me but also my classmates. She always has a smile on her face when I see her, and I can tell she genuinely cares about each and every one of her advisees and students. Robin Russel is the second person who has made my experience at UMaine better. Robin is such a sweetheart and has such a wonderful personality. She's wonderful as a professor and is so brilliant to talk to after class. She is another one who genuinely wants all of her students to do well and succeed. Both Kelly and Robin have inspired me to be a better student and future social worker. **Why UMaine?** Both of my parents and my brother graduated from UMaine and have been extremely successful in my opinion. I knew I needed to be the fourth Black Bear in our family. UMaine was my perfect fit. I'm a very family-oriented person so I wanted to be close to my hometown, but attend a university with diversity and one that brought me new adventures. UMaine has done just that. **What difference has UMaine made in your life and in helping you reach your goals?** UMaine has given me a wonderful education and has prepared me to my greatest potential for going into the field of social work. It has provided incredibly caring professors who even through some of my struggles have helped me reach my senior year to graduate in May. UMaine has also made me realize that we all truly can be the change agents this world needs.

Early-college programs serve the needs of Maine's top high school students

08 Mar 2016

Academ-e The first early-college distance education program in Maine, UMaine [Academ-e](#) offers courses for university credit to Maine high school juniors and seniors in five broad areas — mathematics, natural sciences, arts, humanities and social sciences — through online technologies. All Maine high schools are eligible to nominate students for enrollment in Academ-e on a first-come, first-served basis. Academ-e courses carry UMaine credit, and students establish a UMaine transcript, enabling them to apply their credit hours to a UMaine degree program, or to other colleges and universities. These courses also are designed to ensure adequate student-faculty interaction, while accommodating students' schedules and personal circumstances. *Bridge Year* Like Academ-e, Bridge Year supports Maine high school students taking credit-bearing UMaine courses, but in a face-to-face setting, in classes taught by high school teachers certified as UMaine instructors for this purpose. In 2015–16, UMaine Bridge Year is offering courses in chemistry, history, physics and Canadian studies at a substantial per-credit discount. Bridge Year students establish a UMaine transcript and can apply credits earned to a UMaine degree program if they matriculate. To date, more than one in four Bridge Year students have gone on to pursue a degree full time at UMaine.

Maine-Syracuse Longitudinal Study investigators provide extensive normative data for the evaluation of cognitive deficits in kidney disease

09 Mar 2016

Chronic kidney disease (CKD) has been associated with increased risk for cognitive impairment, with the highest risk observed for those with end-stage renal disease (ESRD). In many previous studies, healthy individuals have been compared with persons who have ESRD and are often being treated with hemodialysis. In recent papers, investigators with the Maine-Syracuse Longitudinal Study (MSLS), a 35-year study of cognition and cardiovascular risk-factors, have argued two points: (1) The appropriate comparison group for persons with ESRD is a group of persons with early-stage CKD, not healthy individuals free from the cardiovascular disease risk factors (CVD-RFs) that play a role in the development of CKD and cognitive impairment; (2) There is an absence of normative data on multiple measures of cognitive ability that would allow comparisons between CKD and ESRD to be made. In a recent issue of *Nephrology Dialysis Transplantation*, investigators at the University of Maine, Temple University and the University of Maryland published an extensive set of normative data for MSLS participants with early-stage CKD. This will allow clinicians to select tests appropriate for their patients' needs and researchers to compare the cognitive functioning of their participants with ESRD with those of an appropriate reference group. In addition, their study also revealed that many CVD-RFs related to kidney disease, including inflammation, could play an important role in the relationship between CKD and cognition. The literature indicates that deficits seen in early-stage CKD are modest, but can progress to more serious deficits seen in ESRD. A state-of-the-art neurocognitive battery composed of 22 tests indexing eight relatively independent, theory-based cognitive domains was utilized. For each test, raw scores were reported, as well as risk for

modest (below the 16th percentile) and severe (below the 7th percentile) cognitive impairment. The study design was cross-sectional with 898 individuals (146 with CKD) free from dementia and ESRD. Participants in the CKD group were significantly older than those in the non-CKD group (71 versus 62 years of age), and had a higher prevalence of CVD (25 percent versus 12 percent) and diabetes mellitus (25 percent versus 12 percent). With control for these and other comorbidity-related risk factors, participants with early-stage CKD had significantly higher risk for modest impairment on tests indexing scanning and tracking and visual-spatial organization/memory, as well as severe impairment on tests indexing language (i.e., tests sensitive to early dementia). The authors of the paper were Rachael Torres, Merrill Elias, Stephen Seliger, Adam Davey and Michael Robbins. Rachael Torres (BA, University of Maine) is a Ph.D. student in the Department of Epidemiology and Biostatistics at Temple University. Elias is a faculty member in the Department of Psychology and the Graduate School of Biomedical Science and Engineering at the University of Maine. Seliger is a faculty member in the Department of Medicine at the University of Maryland. Davey is the chair of the Department of Epidemiology and Biostatistics at Temple University. Robbins is the chair of the Department of Psychology and a faculty member in the Graduate School of Biomedical Science and Engineering at the University of Maine. This work was supported, in part, by the National Institutes of Health. Contact: Professor Merrill Elias, 207.244.1127; mfelias@maine.edu

Maine Autism Institute featured in Association of University Centers on Disabilities newsletter

09 Mar 2016

A statewide outreach program of the Maine Autism Institute for Education and Research is featured in a recent newsletter from the Association of University Centers on Disabilities. The item in AUCD's "[Act Early Network News](#)" highlights the institute's work with the Early Start Denver Model (ESDM), an intervention program targeting toddlers diagnosed with autism and aimed at increasing language, learning and engagement. The story describes the program as a "unique partnership between MAIER and the Maine Department of Education Child Development Services" and says the 28 providers to implement the model to date are "serving 45 toddlers with autism and their families." It also notes that Maine is the only state to take a systematic, statewide approach to implement the ESDM. The Maine Autism Institute for Education and Research is a University of Maine-based center that aims to improve outcomes for individuals with autism spectrum disorder through leadership, training, collaboration and research.

Registration open, session proposals sought for Dirigo Leadership Conference

09 Mar 2016

Campus Activities & Student Engagement (CASE) at the University of Maine will host the Dirigo Leadership Conference on April 2. For more than 30 years, the annual event formerly known as the Student Leadership Conference has provided college students with an opportunity to learn more about the many facets of leadership. The 2016 Dirigo Leadership Conference will focus on "Diversity & Inclusion." In response to current issues on college campuses and in many cultures around the world, the theme is relevant and important, organizers say. With sessions ranging from legal issues, race and gender, to cultural differences, students, faculty and staff will have the opportunity to learn while networking with others. The conference, which will be held from 9 a.m.–4 p.m. in the Memorial Union, will consist of breakout sessions, a networking lunch and a talk by Justin Jones-Fosu, an international speaker, entrepreneur and author with CAMPUSPEAK. About 200 participants are expected to attend this year's event. The conference is open to everyone. Admission is free for those who are associated with a University of Maine System institution; \$10 others. More information, including registration, is [online](#). The deadline to register is March 25. Proposals currently are being accepted for the three, one-hour breakout sessions that will be offered during the conference. Proposals are welcome from faculty, staff, graduate assistants, graduate interns or undergraduate students. Session proposals, which should include a title, name of presenters, summary and outline, can be sent to Jeff Klemm at jeffrey.klemm@maine.edu by Friday, March 18.

Send-off for women's basketball team heading to tournament March 9

09 Mar 2016

Join the send-off for the University of Maine women's basketball team 2 p.m. Wednesday, March 9. The team will be boarding a bus to travel to Albany for Friday's America East Championship. Meet in the Memorial Gym Hall of Fame lobby to see the team off. More information about the tournament is online.

BDN publishes op-ed by Butler

09 Mar 2016

The [Bangor Daily News](#) published the opinion piece "Maine's welfare policies have taken a turn, with dire consequences for kids," by Sandra Butler, a professor of social work at the University of Maine; and Luisa Deprez, a professor emerita of sociology and women and gender studies at the University of Southern Maine. The article was adapted from a [research brief](#) they wrote for the Scholars Strategy Network.

New Scientist cites composite bridge project in article on future skyscrapers

09 Mar 2016

The University of Maine's award-winning Composite Arch Bridge System known as the Bridge-In-A-Backpack™ was mentioned in the [New Scientist](#) article, "Skyscrapers of the future will be held together with glue." The author wrote that glue is the future of architecture because of lightweight nonmetallic composites, such as carbon fibre, fiberglass panels and other structural plastics. The composites are often much cheaper than traditional industrial materials and offer physically stronger systems for designers to work with, according to the article. The author cited UMaine's Composite Arch Bridge System, which is exploring the construction of lightweight bridges, as a successful building project that uses these techniques. "Made from carbon fibre tubes, with individual arches weighing so little they can be carried by four people, these road bridges can be assembled in less than two weeks," the author wrote. In the United States, 18 bridges have already been built using UMaine's composite bridge system, the article states. [Construction Dive](#) and also reported on the bridge system, and [Geek](#) cited the New Scientist article.

UMaine and Maine Science Festival

09 Mar 2016

Be immersed in a simulated tornado, illustrate nature, look through a solar telescope, hold an oyster, ask a genius a question. Do it all and more at the Maine Science Festival, being held March 18–20, at the Cross Insurance Center and other downtown Bangor venues. The University of Maine is participating in a number of demonstrations, hands-on activities and panels at the festival, which seeks to stimulate interest in science and heighten awareness of its impacts. Following is a list of events in which UMaine is involved:

Friday, March 18

Cool Science, free events, sponsored by University of Maine, 8:30 a.m.–2:30 p.m. Cross Center Ballroom

- **"Exploring Optical Illusions and the Neuroscience behind them"** Find out why optical illusions work.
- **UMaine College of Engineering** Discover what engineers do.
- **"Maine's marine ecosystem"** Explore issues affecting marine ecosystems, coastal communities and learn how to be involved in coastal citizen science projects.
- **"Science Around ME"** This tablet and phone app facilitates interaction, discussion and writing about natural science settings in Maine. Festivalgoers can download, discover, play, join the conversation.
- **"Hovercrafts"** Build, test hovercrafts and receive field trip survival packs.
- **"Talking Trash"** What's in the waste stream? Sort common waste. Interactive, informative trivia.
- **"Mainely Physics PSI"** Hands-on physics demonstrations covering properties of light, electricity, magnetism, sound, waves, heat, temperature. Become a "PSI," Physical Science Investigator.
- **"Marine Science at UMaine"** Demonstration of fish-tracking devices and bioluminescence.
- **4-H Follow a Researcher™** (For participating field trips) UMaine student Kit Hamley talks about her research

on an extinct wolf, the warrah, in Falkland Islands, and her interactions with local students. Free, 9:45 a.m. and noon, Cross Center Meeting Room 3, 4. Panel discussion

- **Smart Brass** (For participating field trips only) Panel discussion about physics and acoustics that explain why brass instruments sound the way they do. Free, 10:45 a.m. and noon, Cross Center Meeting Rooms 3, 4 and C, D
- **Mainly Physics 2016!** (For participating field trips) Which wins: immovable object or unstoppable force? Can air freeze? Why aren't clouds square? Why is the sky (and moon) blue? Free, noon

Teen Tech Night, Friday Showcase Event Learn, share, collaborate with techno-teens, explore cutting-edge software and web-based tools. Workshops and hands-on activities designed for maximum engagement. Pizza dinner. Free, sign-up required at eventbrite.com/e/middle-school-teen-tech-night-2016-tickets-21031412521 4–8 p.m., Maine Discovery Museum **Science on Tap, Friday Showcase Event** What does science have to do with popular culture? Combine libation, laughter, lessons. Explore some of Seven Deadly Sins: gluttony, wrath and pride. Free admission, 7–10 p.m., Sea Dog, Barrel Room

Saturday, March 19

Exploration Stations, Saturday Showcase Event, Free admission, 8:30 a.m.–4 p.m., Cross Insurance Center Ballroom

- **“High-Altitude Ballooning”** Learn about opportunities for sending experiments into near-space aboard a high-altitude balloon flight.
- **“Wireless Leak Detection for Space”** See the Wireless Leak Detector (WiLD) system that will be on International Space Station. Festivalgoers try to determine where a leak is, based on data transmitted to computer screen.
- **“Astronomy”** Check out a spectroscopy and gas tube activity, and a solar telescope outside, weather permitting.
- **“Sea Farming in Maine”** Learn about sea farming, fascinating marine life. Touch tank teems with oysters, mussels, sea urchins, scallops, sea stars, crabs.
- **VEMI Lab Live** Be immersed in a simulated tornado, control a water cannon to protect an ice castle, view an apocalypse from the safety of shelter. Multiple Q&A sessions about virtual environment simulations. 9 a.m.–2:30 p.m.

Nature Illustration Workshop Illustrator Chuck Carter will lead workshop on bringing nature to vivid life and keeping it scientifically accurate. Free, limited to 12; sign-up required at eventbrite.com/e/nature-illustration-workshop-tickets-2149274738. 9–11 a.m., University of Maine Museum of Art **Your Brain on Improv** Join Penobscot Theatre Company experts for lively demonstration of how improv works outside of theatre. Free, limited to 16; sign-up required, 207.947.6618, education@penobscottheatre.org. 10 a.m.–12:30 p.m., Penobscot Theatre Company **Maine's River Fisheries: Sustenance, Science and Conservation** The Penobscot, other Maine rivers have historically supported large numbers of sea-run fish essential for local people. Panel presents diverse views about past, present state of inland fisheries, seeks to engage audience members. Free, 11 a.m.–12:30 p.m., Bangor Public Library Community Room **Science & Technology in Sports** Hear from people using science to develop products for athletes. From computer science to mechanical engineering, to materials, science is part of kayaking, NFL, NHL. Free, 11 a.m.–12:15 p.m., Cross Insurance Center, Meeting Rooms 1, 2 **Op Art Workshop** Explore physical, psychological process of vision while making, viewing art. Participants will learn techniques to create optical illusions in their original artwork. Supplies included, instruction provided. Free, 11 a.m.–3 p.m.; drop-in. University of Maine Museum of Art **Science in Maine's National Park** Panelists share remarkable science happening year-round at Acadia. Free, 1:30 p.m.–2:45 p.m. Bangor Public Library, Community Room

Sunday, March 20

So you think you know math? From cryptography to smart phones, many items we interact with daily rely on an understanding and use of math. Panelists talk about algebraic topology, mathematical biology, actuarial science. Free, 11 a.m.–12:15 p.m., 58 Main **Verse in the Universe** Unique poetry readings address scientific themes, concerns. Free, 11:30 a.m.–12:30 p.m. Rock & Art Shop **Aquaculture: Farming the Gulf** Learn about the \$130 million industry based around finfish, clams, mussels, sea vegetables. Free, noon–1:15 p.m., Maine Discovery Museum **Maine in Space**

Panelists will discuss current space exploration, research, development. Free, 1–2:15 p.m., 58 Main **The Story Collider** Hear personal stories about science. Free, 1–3 p.m., Sea Dog Barrel Room **5-Minute Genius, Sunday showcase event** “Rock-star” scientists explain their work in 5 minutes; audience has 5 minutes to ask questions. Reception follows this closing event. Free, 3:30 p.m., Bangor Public Library Lecture Hall For more details about the Maine Science Festival, including the complete schedule, visit mainesciencefestival.org. Follow on Instagram at [instagram.com/mainesciencefestival](https://www.instagram.com/mainesciencefestival).

Bayer produces event where stories, science collide in Bangor

09 Mar 2016

Stephen Colbert introduced millions to Skylar Bayer’s marine reproductive ecology research. When [“The Colbert Report”](#) aired a mock crime story about missing scallop gonads and a lonely lady scientist performing experiments, the audience laughed while it learned. That funny, true, personal stories can both inform and entertain resonates with Bayer, a doctoral candidate based at the University of Maine Darling Marine Center. In 2014, Bayer first took the stage at a storytelling event in Massachusetts to share [“Phoning Home from Alvin”](#) about her experience in a deep-sea submersible. “People want to hear about people; we are hardwired to hear stories about other humans. It’s how we relate to one another,” says Bayer. “As scientists we need to convey our emotions whether it be joy, sadness, frustration or excitement in our research so that we can be heard not only as scientists but as passionate, dedicated people.” She’s now a producer for “The Story Collider” — live shows and podcasts in which people share both heartbreaking and hilarious experiences that involve science. Bayer and Erin Barker, senior producer of “The Story Collider,” are co-hosting a show 1–3 p.m. Sunday, March 20, in the Barrel Room at the Sea Dog, at 26 Front St. in Bangor. Storytellers at the free event, which is part of the Maine Science Festival, are: Lt. Bill Harwood — The director of the Maine State Police Crime Laboratory is a UMaine graduate and has worked as a patrol trooper, crisis and hostage negotiator, forensic scientist and homicide investigator. Jeni Lloyd — The 11-year breast cancer survivor is sales director with a pink cosmetic company, a fundraiser with EMHS Foundation and a binge watcher of Turner Classic Movies. Claire Lupien — The senior at Medomak Valley High School is intrigued by all things science, as well as music and theater. She plans to study chemical engineering. Charles Rodda — The doctoral student in UMaine’s Climate Change Institute moved to the state to learn about horse-powered logging. He is a cyclist, gardener, soccer player and chef. Aric Rogers — The assistant professor at the MDI Biological Laboratory investigates the aging process and how genes can enhance longevity and resist disease. “Producing and storytelling with ‘The Story Collider’ have taught me not only the important elements to a good story but also how important people are in the story of science,” says Bayer, whose first manuscript from her Ph.D. dissertation was recently accepted for the Marine Ecology Progress Series. For more information, visit storycollider.org/shows/2016/3/20/maine-science-festival. To learn more about UMaine’s participation in the Maine Science Festival, visit umaine.edu/news/blog/2016/03/09/umaine-and-maine-science-festival. Contact: Beth Staples, 207.581.3777

Littlefield Gallery Artist-in-Residence Series continues with the return of sculptor Andreas von Huene to UMaine April 25

09 Mar 2016

In April, sculptor Andreas von Huene of Woolwich, Maine will spend a week at the University of Maine mentoring students and creating a piece of art that will be permanently installed on campus. His residency is part of the Littlefield Gallery Artist-in-Residence Series at UMaine, now in its second year. Last year, sculptor Mark Herrington of Franklin was in residence at UMaine, culminating in his work “Tec.ton.ic,” installed near UMaine’s Sculpture Studio, across from the Collins Center for the Arts. In 2016–17, Kazumi Hoshino of Nagoya, Japan, will be on campus as part of the sculpture visiting artist series, sponsored by UMaine and Littlefield Gallery in Winter Harbor. In the Littlefield Artist-in-Residence Series, artists join the UMaine community in the fall to give a lecture and demonstration. In the spring, they spend a week on campus, collaborating with students and completing their works on-site. The visiting artist series brings professionals to work side by side with students and helps form a sense of community at UMaine, says Greg Ondo, a UMaine assistant professor of art and a sculptor. From Herrington, von Huene and Hoshino, young artists can be inspired to make their own contributions. When von Huene returns April 25, he will be carving a 1-ton, 12-inch diameter piece of salt and pepper granite. For his design, he is collaborating with Tim Shay, using the Indian Island,

Maine sculptor and his family members as models. His work will be part of a growing body of granite sculptures on campus. Other stoneworks include three created as part of the 2012 Schoodic International Sculpture Symposium on campus: "Line Totem: Man and His Dog Walking into the Forest" by Shay, sited near Nutting Hall; "Metamorphosis" by Lee Zih-Cing of Taiwan, sited across from Emera Astronomy Center; and "A New Dawn" by Johnny Turner of New Zealand, sited at Buchanan Alumni House. Also among the recent sculptures on campus is one created by alumnus Matthew Foster of Milo, "Relic in Time," sited at Buchanan Alumni House. Jane and Kelly Littlefield donated four pieces at Buchanan, Fosters' "Relic in Time," Herringtons' "Ianna," Hugh Lassens' "Sea Form" and the late Don Meserves' "Pylon." Contact: Margaret Nagle, 207.581.3745

High school and college student projects awarded Maine Hunger Dialogue mini-grants

10 Mar 2016

Fourteen student-led projects addressing food insecurity on college campuses, in high schools and in communities statewide have been awarded mini-grants from the Maine Hunger Dialogue, a University of Maine Cooperative Extension-led initiative that mobilizes the power of higher education to end hunger in the state. The recipients of mini-grants of as much as \$500 are: Mt. Ararat High School, Kennebec Valley Community College, York County Community College, University of New England, University of Maine, University of Maine at Fort Kent, University of Maine at Presque Isle, University of Maine at Machias, University of Maine at Farmington, University of Maine at Augusta (UMA) and UMA Bangor, and University of Southern Maine (USM) and USM's Lewiston-Auburn College. The new Maine Hunger Dialogue-funded projects:

- Kennebec Valley Community College: Team members plan to open a food pantry called Campus Cupboard, as well as a "grab-and-go bar" on the Fairfield campus. The team plans to donate a portion of fresh garden vegetables grown on the college-owned farm to the pantry. They also hope to extend their reach into the surrounding community.
- York County Community College: Team members will open a resource cabinet called the Coyote Den that will be stocked with food and personal hygiene items. It will be located in a shared teacher/student lounge. In the near future, the team envisions a larger office space to accommodate a campus food pantry.
- Two grants to the University of Southern Maine: The student-led Husky Hunger and school-sponsored Wellness Center are exploring ways to end hunger. Both organizations are co-sponsoring a free weekly "Wellness Breakfast," consisting of day-old bread items donated from Panera Bread. The ultimate goal is to open the Husky Wellness Food Pantry. In addition, USM team members will raise awareness about hunger and homelessness in the Portland and Gorham communities, and mobilize students to take action through service projects during National Hunger and Homelessness Awareness Week in November 2016.
- University of Southern Maine Lewiston-Auburn College: The LAC Resource Hub was established several years ago and then revitalized last year with funds provided by the Hunger Dialogue. The resource hub provides meals, clothes and personal hygiene items for students. The hub is located in the student lounge.
- Mt. Ararat High School: Team members opened the Eagles Food Pantry, which can be accessed through the Guidance Office. They are also in communications with the community action group Partners For a Hunger Free York County, exploring ways to engage students and parents to build awareness of the free/reduced lunch program.
- University of Maine at Augusta: Social science faculty created the course SSC 334: Cultivating Community: The Garden Seminar, with the goal of revitalizing the community garden. Partnering with the student government, the social science class will grow vegetables and donate bounty to area food pantries.
- University of Maine at Augusta Bangor: Team members will continue their project from last year and print copies of the student penned cookbook, Hungry Moose Cookbook: A College Students Guide to Cheap Healthy Eating, which will be donated to the campus library, Maine State Library and surrounding local libraries. Team members are planning a mini Hunger Dialogue to explore steps needed to open a campus-based food pantry.

- University of Maine at Machias: The Food Recovery Network (FRN) student club will resume food production at UMM's greenhouse and community garden. As part of its service requirement to graduate, UMM students will tend to the gardens with the help of community volunteers. Vegetables will be donated to local food pantries. FRN also is sponsoring a student cooking class in the residence hall kitchen. The goal is to demonstrate how to buy and prepare nutritious food on a budget.
- University of Maine at Farmington: Team members will establish a resource hub called Commuter and Community Commons. The goal is to bring social service information to students in need, offer gardening classes and provide a food pantry.
- University of Maine at Fort Kent: Team members propose to open the Bengal's Outreach Food Pantry at the Learning Center, home of the university's TRiO program. TRiO program students and staff will volunteer to maintain the pantry. The local community food bank board meets quarterly and has offered to involve student volunteers to establish a productive partnership between campus and community in the fight to end hunger.
- University of Maine: University of Maine's Bodwell Center for Service and Volunteerism sponsored a multi-campus pack-out for the Martin Luther King Jr. Day of Service. An estimated 120 volunteers came together, raised \$5,880, packed 23,520 meals in 73 minutes, and distributed meals to 10 different food pantries in two Maine counties.
- University of Maine at Presque Isle: To build hunger awareness on campus and in the community, team members will sponsor a campuswide pack-out. Organizers plan to reach out to the local community college and area high schools.
- University of New England: University of New England will expand its community garden and continue to donate vegetables to its Food Recovery Program and local food pantries. UNE also is establishing a Resource Hub to connect at-risk students with service information and distribute food weekly.

The goal of the Maine Hunger Dialogue is to inspire students to take action to address hunger on their campuses and in their communities. To help in that effort, Hunger Dialogue campus teams can apply for as much as \$500 in startup funds to implement a new project, or expand/strengthen/build sustainability for an already existing hunger-related project. Projects could include activities such as a new campus food pantry or expansion of an organic garden to provide larger quantities of fresh vegetables for local homeless shelters. Funding for the mini-grants comes from generous support from corporate sponsors, including Sodexo, Bangor Savings Bank, Performance Food Group North and Allagash Brewing Co. The second Maine Hunger Dialogue was held at UMaine last November, with 150 students and staff from 19 universities and colleges statewide packing 10,000 nutritious, nonperishable meals for food pantries, and reporting on hunger-alleviation projects implemented in the inaugural year. The event grew out of the UMaine Extension Maine Harvest for Hunger (MHH) program. Since MHH's inception, participants have distributed more than 2.19 million pounds of food to people in Maine experiencing food insecurity. In 2015, record-breaking donations of over 318,000 pounds of food went to 188 distribution sites and directly to individuals. Nearly 500 program volunteers in 14 counties collectively logged more than 5,000 hours. The value of the produce was over \$537,000, based on an average \$1.69 per pound. The Maine Hunger 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 to help some of the 48 million Americans estimated by Feeding America to be living in food insecure households. The next Maine Hunger Dialogue is tentatively scheduled for Nov. 4–5 at Colby College. More information on this year's dialogue is online: extension.umaine.edu/programs/hunger-dialogue. Past recipients of Maine Hunger Dialogue mini-grants in the first year were:

- Mt. Ararat High School: Since 2007, Mt. Ararat High School students from the National Honors Society and Interact Club have led an annual food drive called Cram the Van. Members of the community are asked to help the two clubs fill both a van and a bus with nonperishable food items for the Mid Coast Hunger Prevention Program. Mt. Ararat students who attended the 2014 Hunger Dialogue applied for a mini-grant to sponsor a bake sale called "Let's get ready to crumble" to benefit Cram the Van. In addition to raising funds for the Mid Coast Hunger Prevention Program, students participated in a pack-out event with Bates College students at a local

church, packing more than 10,000 mac and cheese meals for local food banks.

- Southern Maine Community College: A 2012 survey at SMCC found one in six students go without nutritional food for themselves and their families. In response, the Captain's Cupboard food pantry opened its doors in November 2013, serving as many as 30 clients by distributing a few hundred pounds of food a week. Captain's Cupboard applied for and was awarded a \$500 mini-grant to purchase a refrigerator and freezer to offer fresher perishable foods. Plans are in the works to establish a second cupboard on SMCC's Brunswick campus.
- University of Maine at Augusta Bangor: The vision of students and staff from UMA Bangor was to open a campus-based food pantry. To aid in this potential project, student campus visionaries invited Good Shepherd Food Bank (GSFB) to participate in a community food project called Rock the Truck. April 7, UMA students and a staff adviser distributed 953 pounds of food to 130 households located within half an hour's drive of campus. Rock the Truck was such a success GSFB asked to return this fall with double the food to distribute.
- University of Maine: September 2014 saw the state's first-ever edible park break ground at Manna Ministries in Bangor. Once home to a community farm, the land will again be used to provide native fruits, herbs and nuts for local citizens. Students from UMaine helped initiate the Bangor Edible Park and the mini-grant was used to help develop the website as a capacity-building measure.
- University of New England: In February 2015, UNE students established a national chapter of the Food Recovery Program. Student volunteers recovered more than 1,500 pounds of food from three UNE dining halls during the first semester of operation and then donated the food to the Bon Appetit food pantry in Biddeford. Together, with the help of the UNE AmeriCorps VISTA member, students also expanded a six-plot community garden. Faculty, staff and students planted flowers and vegetables for members of the university community. A portion of the garden was used to grow fresh vegetables for Bon Appetit.
- University of Southern Maine Lewiston-Auburn College: The USM LAC Resource Hub was revitalized with funds provided by the Hunger Dialogue. The resource hub provides meals, clothes and personal hygiene items for students as needed. The hub is located in the student lounge.

Contact: Margaret Nagle, 207.581.3745

Registration open for second annual Jr. Bears Triathlon

10 Mar 2016

Registration is open for the second annual Jr. Bears Triathlon that will be held on the University of Maine campus Saturday, June 4. The Jr. Bears Triathlon is a fundraiser for Black Bear Aquatics (BBA), a competition-based swim team located at UMaine's Wallace Pool. The group aims to provide technical development and racing skills for all age levels. BBA has a growing youth team as well as a Black Bear Masters team for swimmers 18 and older. The triathlon is open to children 6–14 years old. Athletes will swim in the Wallace Pool and bike and run on closed roads and paths. Participants who are 6–9 years old will swim 50 yards, bike one mile and run half a mile. Those who are 10–14 years old will cover twice the distance with a 100-yard swim, 2.3-mile bike ride and mile run. Trophies will be awarded to top age group finishers, and all participants will receive a finisher's medal. Early registration is [online](#) and costs \$25 per athlete until April 30. Regular registration will be available for \$30 from May 1 through June 2. Registration also will be available from 7:30–8 a.m. on race day for \$40 per athlete. The first 50 athletes to register will be entered into a drawing for two pairs of tickets to a Waterfront Concerts event this summer in Bangor. The first 100 participants to register will receive a T-shirt. More than 70 children from around the state participated in last year's inaugural race. This year, BBA is partnering with the Black Bear Race Series, organizers of the second annual Black Bear Marathon to be held on June 5. Offering the triathlon the same weekend as the marathon provides an opportunity for children of marathon runners to participate in their own race on the UMaine campus. More information about the Jr. Bears Triathlon is available on [Facebook](#), BBA's [website](#) or by contacting organizer Andrea Oldenberg at andreaoldenburg@gmail.com or 216.375.5248. People also can support BBA by eating at Moe's Original Bar B Que in Bangor on Tuesday, March 22, when the restaurant will donate 10 percent of its profits to the group. More information about BBA is [online](#).

Classical pianist plays Carnegie Hall, correctional centers, now CCA

10 Mar 2016

American classical pianist Simone Dinnerstein will perform at 3 p.m. Sunday, March 20, in Minsky Recital Hall at the University of Maine. The Juilliard School graduate has played at correctional centers in Louisiana and Maryland and in 2014 she launched the “Bachpacking” initiative, wherein she takes a digital piano provided by Yamaha to public school classrooms to give interactive performances. Dinnerstein gained an international following with her recording of “JS Bach Goldberg Variations,” which she raised funds to produce. It ranked No. 1 on the U.S. Billboard Classical Chart and was named to The New York Times Best of 2007 list. The concert is part of the John I. and Elizabeth E. Patches Chamber Music Series. For more information and tickets, which are \$8 for students and \$35 for adults, including fees, visit the CCA [website](#).

Maine Edge previews Eastern Maine Sportsmen’s Show

10 Mar 2016

[The Maine Edge](#) advanced the Penobscot County Conservation Association’s 78th Eastern Maine Sportsmen’s Show to be held March 11–13 at the University of Maine. The show, which will be held in the New Balance Field House and Memorial Gym, will include more than 120 exhibitors of canoes, fishing and fly-tying equipment, hunting dogs, taxidermy, boat and marine supplies, outdoor wear, archery, camping, backpacking, ATVs and other outdoor recreational equipment, according to the article. There also will be a variety of interactive demonstrations and outdoor-related presentations. Proceeds from the show will help support conservation activities sponsored by PCCA, including investments in scholarships for students majoring in wildlife ecology at UMaine and in wildlife biology at Unity College, the article states. The [Bangor Daily News](#) also advanced the show.

MassLive reports on collaborative wind turbine anchoring system project

10 Mar 2016

[MassLive.com](#) reported a team of researchers, including Melissa Landon, an associate professor of civil engineering at the University of Maine, is developing a new mooring system for floating offshore wind turbines that uses an integrated network of anchors and lines to hold dozens of turbines in place in the ocean. Landon is working with engineers from the University of Massachusetts and Texas A&M on the three-year project that is being funded by a \$497,341 grant from the National Science Foundation. The team is working with Vryhof Anchors, an international industrial partner that produces offshore anchoring systems, according to the article. The goal of the project is to develop offshore floating wind farms where individual floating wind turbines are moored using the networked series of anchors and cables that hold the entire farm in place, the article states.

LePage to unveil plan to prepare for spruce budworm outbreak, AP reports

10 Mar 2016

The Associated Press reported Gov. Paul LePage and the Maine Spruce Budworm Task Force will release a report March 16 about how to prepare for the possibility of a spruce budworm outbreak. The defoliating insect can damage large areas of commercially valuable forest land, according to the AP. The plan and risk assessment includes about 70 recommendations, some of which have already been implemented, which include increased monitoring, use of insecticides where they are needed and changing strategies for forest management, the AP reported. According to the task force, spruce budworm destroyed more than a fifth of the fir trees in Maine during an outbreak in the 1970s and ’80s. The Maine Spruce Budworm Task Force was formed in 2013 by the University of Maine, Maine Forest Service and Maine Forest Products Council to determine what economic and ecological effects another outbreak might have on the state, and what can be done to minimize those effects. WLBZ (Channel 2), WABI (Channel 5) and Daily Journal carried the AP report.

Jackson quoted in Press Herald article on bill to help farmers sell meat

10 Mar 2016

The [Portland Press Herald](#) reported on a bill recently introduced by Sen. Angus King that aims to ease a shortage of commercial meat-processing facilities in Maine, allowing more farmers to sell in-demand local meats to customers. The legislation, however, faces opposition from large-scale processors who say it undermines food safety, according to the article. The bill would permit states to allow beef, pork, goat and lamb processed at facilities that don't face the most rigorous state or federal inspections to be sold to consumers, restaurants, hotels and grocery stores, the article states. The bill addresses a significant roadblock that farmers face when trying to sell products locally, said Tori Jackson, an associate professor with University of Maine Cooperative Extension and author of a 2013 [report](#) stressing the need for more slaughterhouses. If custom slaughterhouses were permitted to process meat for consumption by the general public, more small farmers would likely try to sell their meat commercially, Jackson said. "Meat processors have been hitting their heads against the wall over this issue for a number of years," she said. "In the circles that I travel, this issue comes up every day in some form."

Maine Spruce Budworm Task Force to release risk assessment, response plan

10 Mar 2016

In advance of the next predicted eastern spruce budworm outbreak, officials with the University of Maine, Maine Forest Service and Maine Forest Products Council have published a risk assessment and disaster preparedness plan to keep forest landowners, government officials and the general public informed. The report includes an assessment of the last outbreak and how to prepare for the coming flare-up using research and information from experts and landowners. Gov. Paul LePage and members of the Maine Spruce Budworm Task Force will unveil "Coming Spruce Budworm Outbreak: Initial Risk Assessment and Preparation & Response Recommendations for Maine's Forestry Community" in the Cabinet Room of the State House in Augusta at 9 a.m. Wednesday, March 16. "Maine assembled an impressive team of experts in advance of this spruce budworm outbreak to learn from the last outbreak and take steps to help minimize damage from this one," LePage said. "I commend members of the Maine Spruce Budworm Task Force for their time, expertise and recommendations on how to address the infestation. The last spruce budworm infestation cost Maine's forest-based economy hundreds of millions of dollars and had a devastating effect on the forest products industry in Maine." The eastern spruce budworm is believed to be the most damaging forest insect in Maine and North America. Outbreaks of the insect that kills balsam fir and spruce trees occur every 30 to 60 years. Severe defoliation already has occurred in an area the size of Maine in southern Quebec. An update will be provided during the event on the insect's progress toward Maine. During the last outbreak, which lasted from 1970 through 1985, the insect decimated up to 25 million cords of spruce-fir wood — 21 percent of all fir trees in the state, according to the Maine Forest Products Council. The infestation cost the state's forest-based economy hundreds of millions of dollars and had lasting effects on Maine forest management. The Maine Spruce Budworm Task Force formed in 2013 to determine the economic and ecological effects another outbreak might have on the state and a strategy to minimize those effects. Leading the task force were Robert Wagner, the Henry W. Saunders Distinguished Professor in Forestry and director of the Cooperative Forestry Research Unit (CFRU) at UMaine; Patrick Strauch, executive director of the Maine Forest Products Council; and Doug Denico, director of the Maine Forest Service. Task force teams included about 65 experts who focused on wood supply and economic impacts; monitoring and protection; forest management; policy, regulatory and funding; wildlife habitat; communications and outreach; and research priorities. A draft of the report was released for public review in November 2014. Task force team leaders presented the report to municipalities, environmental groups, the legislature, logging contractors and economic development consortiums. The report includes about 70 recommendations, several of which have already been implemented. The report's recommendations on preparing for the outbreak include increasing monitoring efforts, applying insecticides where needed, changing forest management strategies such as harvesting, and seeking markets for presalvage trees that likely would be lost. The final version of "Coming Spruce Budworm Outbreak: Initial Risk Assessment and Preparation & Response Recommendations for Maine's Forestry Community" will be available online following the March 16 event. More information about the Maine Spruce Budworm Task Force is on the group's website. *Read more about the university's role in preparing the report in the latest issue of UMaine Today.* Contact: Elyse Kahl, 207.581.3747

MAAV to host screening, discussion of documentary 'Living for 32'

10 Mar 2016

A survivor of the 2007 mass shooting at Virginia Tech will join University of Maine's Male Athletes Against Violence for a screening of the film "Living for 32" as well as a discussion about gun violence on Wednesday March 23. Colin Goddard was shot four times during the Virginia Tech incident. His 911 call brought police to the scene, but not before 32 people lost their lives. Goddard was one of 17 people injured in the attack. The gunman took his own life. "Living for 32" is Goddard's story of that day and his subsequent role as an activist for stricter gun control laws as a volunteer for the Brady Campaign to Prevent Gun Violence. The film, directed by Kevin Breslin and produced by Maria Cuomo Cole, was featured at the 2011 Sundance Film Festival. "Hosting this film is in line with the work of Male Athletes Against Violence," says Chase Hoyt, a child development and family relations major and student coordinator of the peer education program. Hoyt, a senior offensive lineman on the football team, says MAAV believes challenging social norms and institutions that condone or promote violence can help prevent mass shootings. "We hope this event will help springboard the discussion of gun violence in America," he says. MAAV has invited Maine Moms Demand Action For Gun Sense to make a few comments after the screening. Amy Hughes, a field organizer for the Maine Moms group, calls the film "very heart-wrenching." "It is incredibly moving how Colin chose hope," Hughes says. "He has taken a very negative event and tried to turn it into a positive." The screening of "Living for 32" will take place on Wednesday March 23 at 7 p.m. in D.P. Corbett Business Building, Room 100. The event is free and open to the public. MAAV also will be hosting an informational table in Memorial Union from 11 a.m. to 2 p.m. March 21-23. For more information, contact Sandra Caron, professor of family relations/human sexuality and MAAV director, 207.581.3138; scaron@maine.edu.

UMaine to host, compete in regional cybersecurity contest

10 Mar 2016

The University of Maine will compete in and host the 2016 Northeast Collegiate Cyber Defense Competition (NECCDC) March 11-13 on the Orono campus. The UMaine Cyber Defense Team is one of 10 groups from around the region scheduled to take part in the competition. The team earned its spot in the contest after competing in a preliminary contest 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. This year marks UMaine's third time hosting the event. Last year, the UMaine Cyber Defense Team was one of 10 colleges to compete in the regional contest that was hosted by Syracuse and the School of Information Studies (iSchool). Throughout the weekend, UMaine also will host the 2016 NECCDC Symposium with presentations by the participating teams and vendors. The focus will be on job and internship opportunities in cybersecurity, as well as preparing teams for cybersecurity competitions. Sponsors for the event include the U.S. Department of Homeland Security, U.S. Air Force, Akamai, HP (Hewlett-Packard), Cisco, U.S. National Security Agency, Amazon Web Services and IIS Technology. A complete list of sponsors is [online](#). The award luncheon on Sunday will feature remarks by retired Adm. William Leigher, director of Raytheon's Government Cyber Solutions. Joshua Abraham, vice president of professional services at Praetorian, will deliver the keynote presentation, "Running the Security Marathon." UMaine Cyber Defense Team members participating in the contest are John Woodill (captain) of Cranbury, New Jersey; Ben Grooms of Madison, Maine; Lucas Ashbaugh of South Portland, Maine; Avery Dunn of Dayton, Maine; Greg Antonellis of Harwich, Massachusetts; Mitch Vezina of Springvale, Maine; Ted Farnsworth of Cape Elizabeth, Maine; and Dayton Arey of Milbridge, Maine. Alternates are Matt Loewen of Farmington, Maine and Alina Ramazanova of Tashkent, Uzbekistan. George Markowsky, professor of computer science at UMaine, is the team's faculty adviser. More information about the competition, including a schedule, is [online](#).

'Documenting China' photo exhibition opens March 25 at Hudson Museum

11 Mar 2016

"Documenting China," an exhibition of photographs by University of Maine Professor of Art Laurie Hicks, taken during

three research trips beginning in 2010, will be on display March 25–June 30 at UMaine's Hudson Museum. An artist's reception will be held from 5:30–7 p.m., March 31. The Hudson Museum, located in the Collins Center for the Arts, is open 9 a.m.–4 p.m., Monday–Friday; 11 a.m.–4 p.m., Saturday. Hicks is a documentary photographer for the ChinaVine Project, which was created to make information about China's cultural traditions accessible to an English language audience. In 2010, 2012 and 2015, she traveled with colleagues and students from the University of Oregon and University of Central Florida to document the work of contemporary artists and crafts people, and the cultural and material contexts in which they create. On the last two trips, Hicks also traveled with two UMaine alums. The 20 images in the exhibition were selected from more than 10,000 taken in and around Beijing, Shanghai, Kunming, Dali and the Ganzi Tibetan Autonomous Prefecture. Documentary photographs can be sources of data and artistic forms, Hicks says. In addition, they are, inevitably, interpretations — reflections of an evaluation made by the photographer. There is a central struggle between the desire to simply record in an objective, self-explanatory way, and the photographer's particular point of view regarding the experience — ultimately affected the images, Hicks says in her artist's statement. "There was, and continues to be a very real tension in the thought process that lies behind my role as a documentary photographer and the images I take as I travel in China," Hicks says.

Research Administrators' Network announces spring meetings

11 Mar 2016

The Office of Research and Sponsored Programs invites all staff who support research activities at the University of Maine to attend the Research Administrators' Network (RAN) spring meetings. The meetings will be held 2–4 p.m. Thursday, March 17 and Monday, May 16 in Wells Conference Center, Room 3. More information, including registration instructions, is on the [ORSP Newslink](#).

UMaine to host Maine National History Day April 9

11 Mar 2016

For the third year in a row, the University of Maine will host hundreds of students and teachers from around the state as they participate in the Maine National History Day competition on Saturday, April 9. About 325 students and teachers from 35 middle and high schools are expected to take part in the event. Maine National History Day is a partnership between UMaine and the Margaret Chase Smith Library, with support from the Maine Humanities Council and the Maine Historical Society. 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 in grades 6–12. More than half a million students, working with thousand of teachers, participate in the national contest annually. Student exhibits, papers, websites, documentaries and performances will be judged from 10 a.m. to 1 p.m. at several locations on campus including the Page Farm and Home Museum, Wells Conference Center, Stevens Hall and Fogler Library. All exhibits are open to the public. This year's theme is "Exploration, Encounter, Exchange in History." A history scavenger hunt also will take place for participants throughout the day. An awards ceremony is scheduled for 2:30 p.m. in Wells Conference Center. 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. Online student registration is open until March 19. Judges also are needed and are encouraged to register. Student registration information is on the UMaine [website](#). A public recognition ceremony for the state NHD participants will be held 4–5 p.m. April 12 in Augusta's Cultural Building atrium in partnership with the Maine State Museum, Archives and Library. Guests are invited to celebrate NHD students and view their work during a light reception. Robert "Bob" Patrick, director of the Veterans History Project at the Library of Congress, will speak at the event. NHD students, parents and teachers will receive free all-day admission to the Maine State Museum. The NHD recognition ceremony will be followed by the fourth annual Maine Humanities Summit from 5:45–8 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, at 474.7133 or john.m.taylor@maine.edu. More information on Maine NHD is [online](#).

Lobster Institute cited in AP report of four-clawed crustacean

11 Mar 2016

The Associated Press cited statistics from the Lobster Institute at the University of Maine for an article about a rare four-clawed lobster that was bought by Portland seafood wholesaler Ready Seafood Co. The crustacean, which was sold from a Canadian dealer, has three claws on one arm and one on the other, according to the article. Genetic defects sometimes cause lobsters to have different coloration than their typical brownish hue, the AP article states. According to UMaine's Lobster Institute, blue lobsters are about a 1-in-2 million occurrence, and other colors are much rarer. A marine researcher with the Gulf of Maine Research Institute told the AP it's difficult to say exactly how uncommon it is to find a four-clawed lobster. [Sun Journal](#), [The Detroit News](#), Chron and [U.S. News & World Report](#) carried the AP article.

Broadly interviews Blackstone about how height, weight affect pay

11 Mar 2016

Amy Blackstone, a sociology professor at the University of Maine, spoke with [Broadly](#) for the article, "How height and weight affect your pay." A new study found that tall men and thin women are paid more than those who are shorter or larger, according to the article. Blackstone told Broadly that employers aren't intending to amount an employee's value to physical characteristics beyond their control, but that doesn't mean gender biases don't invade the workplace. "No doubt [employers] like to think that they value and reward employees based on their contributions at work," Blackstone said. "These findings highlight the need for continued vigilance and tracking on the part of employers to look for patterns that may suggest unintended discrimination." She added she isn't surprised to hear taller men receive higher pay, because "height connotes power and authority." The fact that overweight women are paid less at work is even less surprising, given the cultural obsession with thinness, the article states. "For women, being thin means taking up less space, something that is expected of women both literally and symbolically," Blackstone said.

Telegraph reports on Alternative Breaks volunteer project in Georgia

11 Mar 2016

[The Telegraph](#) of Macon, Georgia reported students from the University of Maine and Boston University are in town during spring break to help Rebuilding Macon with home repairs. Rebuilding Macon is a volunteer organization that works with the community to rehabilitate the houses of low-income homeowners, particularly the elderly and disabled. The UMaine students are volunteering with Alternative Breaks, a student-led organization that promotes community involvement. So far, the students have helped build three wheelchair ramps and paint homes, according to the article. Phil Hill, construction supervisor for Rebuilding Macon, said the organization "could not survive without volunteers."

UMaine College of Education and Human Development debuts 'Maine Schools in Focus' on website

14 Mar 2016

The University of Maine College of Education and Human Development has launched a new online resource, "Maine Schools in Focus," for educators and policymakers statewide. The website features informative, research-based briefings to enlighten and stimulate dialogue about issues in Maine public school education today. "Our goal is to advance the cause of our children and schools by making these issue-focused resources available to anyone interested public education and its future in Maine," said Susan Gardner, interim dean of UMaine's College of Education and Human Development. "This new initiative is in keeping with the college's leadership role in education initiatives statewide." Gordon Donaldson, UMaine professor emeritus of education, serves as editor and wrote the first three "Maine Schools in Focus" posts. He works with an advisory board that includes Associate Research Professor Janet Fairman, Lecturer in Educational Leadership George Marnik, Associate Professor of Educational Leadership Sally Mackenzie and former MSAD 75 Superintendent J. Michael Wilhelm. Other authors are expected to include College of Education and Human Development faculty and school leaders in Maine spanning different educational disciplines. Contributions from the public are welcome. To sign up for email notification of new content, go to the [Maine Schools in Focus homepage](#). Contact: Casey Kelly, 207.581.3751, casey.kelly@maine.edu

Damariscotta River productivity focus of SEANET public meeting

14 Mar 2016

Students and faculty from the Darling Marine Center and Bigelow Labs, aquaculture industry partners, and the Damariscotta River Association (DRA) will hold a public meeting titled “The Damariscotta River: Understanding What Makes a Productive Estuary” 5–7 p.m. Friday, April 1, at the DRA facility at Round Top Farm, 3 Round Top Lane, Damariscotta. Presenters will share oceanographic research ranging from riverbed composition mapping to water quality monitoring planned for 2016 in the Damariscotta River Estuary. The focus will be research conducted under the Sustainable Ecological Aquaculture Network (SEANET) project. This five-year, \$20 million grant from the National Science Foundation will help scientists explore how different types and scales of aquaculture fit into Maine’s multi-use working waterfront and the river ecosystem. Working with nine partner institutions and more than a hundred researchers, the SEANET project will ultimately replicate oceanographic work being conducted in the Damariscotta to five other study areas along Maine’s coast. Other SEANET research around the state includes innovations in aquaculture, the effects of a changing environment, and the human dimensions of expanding aquaculture in Maine. Attendees can speak with panelists, ask questions and participate in discussions. Refreshments will be provided. For more information, contact Meggan Dwyer at 207.745.0834 or meggan.dwyer@maine.edu. EPSCoR (Experimental Program to Stimulate Competitive Research) is a federal program directed at states that have historically received smaller portions of federal research and development funding. The program provides states with financial support to develop partnerships between their higher education institutions, industry, government, and others in order to affect lasting improvements in infrastructure, capacity and national competitiveness. Maine EPSCoR at the University of Maine is responsible for administering and implementing the NSF EPSCoR program for the state. For more information, visit umaine.edu/epscor. Contact: Andrea Littlefield, 207.581.2289

Maine Sea Grant blog offering weekly updates

14 Mar 2016

The Maine Sea Grant College Program at the University of Maine offers the latest news and event information on a blog on the organization’s website. Catherine Schmitt, communications director for Maine Sea Grant, will post weekly updates throughout the spring.

O’Chang Comics releases second part of animated series created with Maine Sea Grant, UMaine Extension

14 Mar 2016

O’Chang Studios has released Part II of the animated series, [A Climate Calamity in the Gulf of Maine: Acid in the Gulf](#). The cartoon, which describes how ocean acidification affects coastal waters and marine resources, premiered in early March as part of a scientific panel on ocean acidification at the 41st annual Maine Fishermen’s Forum in Rockport. The Maine Sea Grant College Program at the University of Maine, Dalhousie University, Marine Environmental Observation Prediction and Response Network (MEOPAR), Northeastern Regional Association of Coastal and Ocean Observing Systems (NERACOOS), Northeast Coastal Acidification Network (NECAN), NOAA’s North Atlantic Regional Team, and University of Maine Cooperative Extension supported production of the video. More about the series is on the Maine Sea Grant website.

Lecture to focus on environmental history, landscape of Canada

14 Mar 2016

The University of Maine History Department and Canadian-American Center will co-host a reception and public lecture about Canada’s environmental history, landscape and historic parks on March 21. “Because It’s 2016: Rethinking the Frontier Myth and ‘Canada’s National Interest’” will be held in Wells Conference Center, Room 3. A light reception will be held at 3 p.m. Claire Campbell, a history professor at Bucknell University in Pennsylvania, will lead a lecture and discussion beginning at 3:15 p.m. Campbell is the author of “Shaped by the West Wind: Nature and History in Georgian Bay” and has edited collections on Parks Canada and environmental history in Atlantic Canada. Her current book project, “What Once Were You? Historic Landscapes in Canada,” is a study of historic sites across Canada as

places of environmental history. For more information or to request a visitor parking permit for campus, contact Liam Riordan at riordan@umit.maine.edu.

Intentional Endowments Network reports on launch of peer group

14 Mar 2016

The [Intentional Endowments Network](#) (IEN) announced the launch of a peer network designed to support endowment investment practices that address environmental, social, governance and sustainability factors in order to enhance financial returns and align with institutional mission and values. The network launched with 77 founding members including 27 asset owners, according to an IEN news release. The University of Maine is one of the founding members, according to the release.

Silka writes op-ed for BDN

14 Mar 2016

The [Bangor Daily News](#) published the opinion piece, “Maine reinvents research to tackle ‘wicked problems,’” by Linda Silka, a senior fellow at the University of Maine’s Senator George J. Mitchell Center for Sustainability Solutions. Silka wrote that researchers working with the Senator George J. Mitchell Center are focusing on sustainable and complex collaborative research, which is leading to many payoffs.

Media cover sportsmen’s show held at UMaine

14 Mar 2016

[WABI](#) (Channel 5), [WVII](#) (Channel 7) and [WLBZ](#) (Channel 2) reported on the Penobscot County Conservation Association’s 78th Eastern Maine Sportsmen’s Show that was held in the University of Maine’s New Balance Field House and Memorial Gym. The show included a variety of interactive demonstrations and outdoor-related presentations, as well as more than 120 exhibitors of canoes, fishing and fly-tying equipment, hunting dogs, taxidermy, boat and marine supplies, outdoor wear, archery, camping, backpacking, ATVs and other outdoor recreational equipment. Proceeds from the event will help support conservation activities sponsored by PCCA, including investments in scholarships for students majoring in wildlife ecology at UMaine and in wildlife biology at Unity College.

BDN publishes op-ed by Cowan, Howard

14 Mar 2016

The [Bangor Daily News](#) published the opinion piece, “What the Stephen E. King Chair in Literature will bring to UMaine,” by Laura Cowan, an associate professor and chair of the English department at the University of Maine; and Gregory Howard, assistant professor and graduate coordinator of the master’s program in English at UMaine. “The million dollar gift to the University of Maine Foundation that will allow UMaine’s English department to establish the Stephen E. King Chair in Literature honors a great Maine alumnus and reminds us of the potential of philanthropy,” the authors wrote.

102.9 WBLM, BDN report on Part II of Gulf of Maine cartoon

14 Mar 2016

[102.9 WBLM](#) in Portland and the [Bangor Daily News](#) reported on the release of Part II of O’Chang Studios’ animated series, [A Climate Calamity in the Gulf of Maine: Acid in the Gulf](#). The cartoon, which describes how ocean acidification affects coastal waters and marine resources, is “fun to watch as well as educational,” according to the report. University of Maine Cooperative Extension and the Maine Sea Grant College Program at UMaine were among the organizations that supported production of the video.

BDN reports on sheep shearing school offered by UMaine Extension

14 Mar 2016

The [Bangor Daily News](#) reported on a recent sheep shearing school offered by the Maine Sheep Breeders Association and University of Maine Cooperative Extension at Wolfe's Neck Farm in Freeport. The groups hold workshops every spring when sheep need to be shorn, according to the article. "There seems to always be a need for qualified shearers to get out there and harvest the wool," said Richard Brzozowski, a food system program administrator at UMaine Extension who was facilitating the class. "It's an interesting skill. Even if you don't end up becoming a professional shearer, you do know about wool."

AP mentions UMaine in report on Arctic diplomacy forum

14 Mar 2016

The University of Maine was mentioned in an Associated Press report about a forum on Arctic diplomacy slated to take place in Portland this October. The Arctic Council's Senior Arctic Officials meeting will focus on issues such as climate change and shipping, according to the article. Officials from the council's eight member nations, including the United States, and a host of non-governmental organizations will assemble for event, the report states. The director of the Maine North Atlantic Development Office said holding the council meeting in Maine illustrates the state's "long history with the Arctic and our contributions in climate science and ocean ecosystem studies" through entities like Bigelow Laboratory for Ocean Sciences and the University of Maine. ABC News, [The Washington Times](#) and [Portland Press Herald](#) carried the AP report.

WVII airs first 'Science with Sturm' segment

14 Mar 2016

David Sturm, an instructional laboratory and lecture demonstration specialist at the University of Maine, visited the studio of [WVII](#) (Channel 7) for the first installment of "Science with Sturm." Sturm brought in liquid nitrogen and dry ice to teach viewers about colder temperatures.

Press Herald reports on robotic technology for dairy farmers, meeting in Waterville

14 Mar 2016

The [Portland Press Herald](#) reported on an informational meeting about robotic dairy systems hosted by the University of Maine Cooperative Extension at Governor's restaurant in Waterville. The meeting was designed for dairy farmers and industry leaders to learn more about available robotic technology. In coming weeks, UMaine Extension faculty plan to discuss bringing robotics to Witter Farm, the university's teaching dairy farm in Old Town, according to the article. Richard Kersbergen, a UMaine Extension educator on sustainable dairy and forage systems who organized the conference, spoke about his visit to the Netherlands while on sabbatical in the fall of 2014. He said robotic systems are used on about half of the country's dairy farms, and he visited 30 to 40 farms on his trip. "You see a difference in how the animals behave," Kersbergen said. "They are much quieter, and it is a much more calm atmosphere because they are not being pushed around all the time." The systems caught on in Europe in large part because labor costs there are so much higher, the article states. "If you talk to most dairy farms, the hardest job is finding someone to milk cows and milk them well," Kersbergen said.

Gabe, McConnon speak with WABI about Bar Harbor cruise ship season

14 Mar 2016

University of Maine economics professors Todd Gabe and Jim McConnon spoke with WABI (Channel 5) at a recent meeting of the Bar Harbor Cruise Ship Committee that was held to discuss the effect of cruise ships on local merchants.

More than 120 ships and nearly 160,000 passengers are already booked for Bar Harbor's 2016 season, according to the report. The committee is requesting a new economic study from UMaine to look at the demographics and spending habits of passengers, which will be the first of its kind in 14 years, the report states. "Since 2002, the number of ships visiting Bar Harbor has really increased. About 60 or so ships in 2002, and that number has almost doubled," said Gabe, who conducted the previous study. The research has shown the ships tend to bring in tourists who are wealthier and from further away, WABI reported. "The cruise ship passenger is different, and one of the things that we're able to get are these demographics directly from these passengers, not only in terms of who they are and where they came from, but why they're here and what they're interested in spending their money on," McConnon said.

Media report on regional cybersecurity contest held at UMaine

14 Mar 2016

The Associated Press, WABI (Channel 5) and WLBZ (Channel 2) reported on the 2016 Northeast Collegiate Cyber Defense Competition (NECCDC) held at the University of Maine. The UMaine Cyber Defense Team was one of 10 groups from around the region to participate in the three-day competition. 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 weekend also included presentations by teams and vendors, with a focus on job opportunities in cybersecurity. "Understand that once you put something on a computer that it isn't necessarily private and other people can get access to it," John Woodill, UMaine's team captain, told WLBZ. "This event is bringing people together so that we can kind of share stories, figure out what needs to be done and how to stay current," George Markowsky, professor of computer science at UMaine and the team's faculty adviser, told WLBZ. "We're trying to train the next generation of cyber defenders," he said on WABI. The Maine Public Broadcasting Network and Daily Journal carried the AP report.

Black Bears to challenge Bobcats in WNIT

15 Mar 2016

The University of Maine women's basketball team (26–8) will play at host Quinnipiac (24–8) on Friday, March 18, in the first round of the Women's National Invitational Tournament (WNIT). Both teams were selected for the WNIT after losing in their respective conference tournament championships. In a thriller, UAlbany nipped UMaine 59–58 in the America East final while Quinnipiac, which won the Metro Atlantic Athletic Conference regular season, lost to Iona 69–53 in the MAAC tournament championship. The loss broke the Bobcats' 19-game win streak. Maine and Quinnipiac have played twice before, with the Bobcats winning in 2007 and 2009. The Black Bears also played in the WNIT last season, losing 71–60 to Villanova in the first round. It will be UMaine's fifth overall appearance in the WNIT, as the squad advanced in 1990, 2003 and 2005. In 1990, the Black Bears topped Wyoming 68–48. Friday's game time will be announced Tuesday afternoon. Stay tuned to goblackbears.com or follow UMaine women's basketball on [Twitter](https://twitter.com/UMaineWB) for postseason updates. To see the WNIT field and matchups, view the full bracket [online](#).

UMaine, Bangor Public Library to host three Pulitzer Prize winners

15 Mar 2016



To celebrate 100 years of the Pulitzer Prizes, the University of Maine's

Department of Communication and Journalism along with the Bangor Public Library will host three winners of journalism's top award. Amy Ellis Nutt of The Washington Post, Kathleen Kingsbury of The Boston Globe, and Jim Sheeler of Case Western Reserve University will visit UMaine journalism classes throughout March 24–31, as well as lead public presentations on campus and at the Bangor Public Library. Organizers say the event offers an unprecedented opportunity to bring multiple Pulitzer Prize-winning journalists to the Bangor-Orono area to participate in public forums, educate students and engage residents on topics of public interest while impressing upon the community the essential civic role of quality journalism. The public events from 3–4 p.m. at Wells Conference Center on campus and 6:30–7:30 p.m. at the Bangor Public Library will be tailored to the specific theme of each journalist's award-winning or chosen work. The talks offer opportunities to consider how journalism interacts with the public on important social issues. The library presentations will be introduced by journalists from The Bangor Daily News, including Erin Rhoda, editor of Maine Focus; and Anthony Ronzio, director of news and audience. Nutt, a health and science reporter at The Washington Post and author of "Becoming Nicole" will speak on campus and at the library Thursday, March 24. The 2011 award winner will discuss her book about a Maine family that triumphed in a landmark discrimination case for transgender rights. Kingsbury, a 2015 award winner for editorial writing and deputy managing editor of The Boston Globe, will speak Tuesday, March 29. The author of the award-winning series "Service Not Included" will discuss labor and exploitation in the restaurant industry. Sheeler, the Shirley Wormser Professor of Journalism and Media Writing at Case Western Reserve University in Cleveland, Ohio, will give a presentation Wednesday, March 30 on casualty notification, the topic of his 2006 award-winning feature for the Rocky Mountain News titled, "Final Salute." In addition to visiting journalism classes, the guests will have lunch with the Department of Communication and Journalism's Honor Society and participating faculty. The experience of learning directly from veteran practitioners awarded journalism's highest honor represents an invaluable opportunity for UMaine undergraduates, organizers say. Pulitzer Week is made possible by a grant from the Maine Humanities Council with support from the University of Maine Humanities Center and the UMaine Department of Communication and Journalism's Alan Miller Fund for Excellence in Communication and Journalism. Community partners include the Bangor Public Library, Bangor Daily News and Peace & Justice Center of Eastern Maine. Since 2007, the Department of Communication and Journalism has brought respected journalists to campus through the Alan Miller Fund for Excellence in Communication and Journalism. Pulitzer Prize-winning journalists who have previously visited campus courtesy of the fund include Bettina Boxall of Los Angeles Times and Mark Feeney of The Boston Globe. Pulitzer Week allows the department to expand upon the success of the Alan Miller Fund program by increasing the number of visiting journalists and adding more public outreach and community engagement. More information about Pulitzer Week is on the UMaine Department of Communication and Journalism website, as well as The Pulitzer Prizes [website](#). Contact: Elyse Kahl, 207.581.3747

Maine Sea Grant's work with lobstering communities featured in U.S. Climate Resilience Toolkit

15 Mar 2016

The National Oceanic and Atmospheric Administration (NOAA) has highlighted work by the Maine Sea Grant College Program at the University of Maine in the U.S. Government's [Climate Resilience Toolkit](#). The project, which was led by Esperanza Stancioff of Maine Sea Grant and University of Maine Cooperative Extension and funded by NOAA's Climate Program Office, focused on the state's lobstering communities. The study gathered lobstermen's understanding of biology, markets, environment and expenses and translated the insights into a systems dynamics model to evaluate ways to improve industry-wide management options, especially during ocean heat wave events. More information about the project is on the Maine Sea Grant website.

UMaine Research, Conference Services among latest programs to debut new website

15 Mar 2016

[UMaine Research](#) and [Conference Services](#) are among the latest programs to upgrade to the university's new website template. [The William S. Cohen Institute for Leadership & Public Service](#), [Academ-e](#), [Maine Autism Institute for Education and Research](#) and [Student Records](#) 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.

Registration open for coastal, estuarine monitoring workshop

15 Mar 2016

Registration is open for TORCH ([Training for Observation and Research of Coastal Habitats](#)), a workshop sponsored by the University of Maine Darling Marine Center, Maine Coastal Observing Alliance and Damariscotta River Association. The coastal and estuarine monitoring program will be held 8 a.m.–6 p.m. Sunday, April 10 at the Darling Marine Center in Walpole. The goal of the TORCH workshop is to support citizen scientists by developing effective, efficient and collaborative approaches to confront problems facing coastal waters. Talks and demonstrations from professionals and citizen scientists will be offered as well as hands-on training in the use of monitoring technology and equipment. Presenters will include aquaculturists, fishermen, conservationists, government and academic researchers, and community group members. More information and registration is [online](#). The deadline to register is March 25.

Boothbay Register cites UMaine rockweed statistics in article on seaweed industry

15 Mar 2016

The University of Maine was mentioned in a [Boothbay Register](#) article about Robert Morse and his business, North American Kelp. The Waldoboro-based company processes kelp harvested off the coast of Maine, according to the article. Morse cited a UMaine study that found more than one million tons of rockweed exist on the state's coast. Currently being harvested annually is around 1.4 percent or 14,000 tons, the article states.

UMaine Extension video of Sabattus couple featured on BDN

15 Mar 2016

The [Bangor Daily News](#) reported on a University of Maine Cooperative Extension [video](#) featuring Ed and Pat Jillson, owners of Jillson's Farm & Sugarhouse in Sabattus. The Jillsons have been married nearly six decades, and have been farming for several decades — opening their first vegetable stand in 1966, according to the article. UMaine Extension created the video of last year's Maine Maple Sunday to bring consumers closer to farmers and producers, to better showcase what's important to them and how they make decisions behind the scenes, the article states. UMaine Extension plans to release more videos as part of a series called "[Growing Maine](#)."

Brewer speaks with MPBN about 1st Congressional District race

15 Mar 2016

Mark Brewer, a political science professor at the University of Maine, spoke with the [Maine Public Broadcasting Network](#) for the report, "3 GOP candidates emerge to take on Chellie Pingree." This June, Republican voters will decide who they believe is the best candidate to take on Democratic incumbent U.S. Rep. Chellie Pingree in the fall, according to the report. But given Pingree's popularity in the district, and the district's historically liberal slant, the emergence of three GOP candidates comes as a surprise to some political analysts, the report states. "It boggles my mind to think that a Republican, especially a conservative Republican, could think they could go in and have a decent chance of beating Chellie Pingree in the 1st Congressional District," Brewer said. "I just don't see it happening." He added that the GOP struggled to find someone to run against Pingree two years ago, and she has won re-election by big margins. Brewer said the 1st District is more progressive and liberal leaning on issues than the state as a whole.

BDN previews Maine Science Festival, mentions UMaine participants

15 Mar 2016

The [Bangor Daily News](#) advanced the second annual Maine Science Festival set for March 18–20 throughout Bangor. The University of Maine is participating in several demonstrations, hands-on activities and panels at the festival, which seeks to stimulate interest in science and heighten awareness of its impacts. The article mentioned 10 can't-miss events at this year's festival, including a "Five Minute Genius" presentation on offshore wind by Habib Dagher, executive

director of UMaine's Advanced Structures and Composites Center; art workshops at the University of Maine Museum of Art; and the "Science on Tap" event for adults led by experts from UMaine, the Mount Washington Observatory in New Hampshire and The Rock & Art Shop in Bangor that will take a scientific look at some of the seven deadly sins. A full list of UMaine participants is [online](#).

UMaine initiative helping students reduce debt, graduate on time

15 Mar 2016

This new initiative is aimed at encouraging students to complete 30 credits per year so they can graduate in four years, while saving money and reducing debt. The university began sharing [Think 30](#) with incoming first-year students and their families at New Student Orientation in 2015. UMaine's Office of Institutional Research and the Provost's Committee for Retention and Student Success are tracking students' progress and outcomes. The first major plank of Think 30 is UMaine's online Winter Session, featuring 20 high-demand courses taught by key faculty and supported by instructional design staff in the Division of Lifelong Learning. In 2015, the first Winter Session offering, enrollment was nearly three times the initial projection of 300 participants as students jumped at the chance to build an additional three-credit class into their academic course load through a high-quality online learning experience.

UMaine College of Education and Human Development ranks among top education grad schools on U.S. News & World Report's annual list

16 Mar 2016

The 2017 U.S. News & World Report Best Graduate Schools rankings again list the University of Maine College of Education and Human Development among the top education graduate schools in the nation. The college tied for 93rd in the annual rankings, making it the only ranked education graduate program in the state. The UMaine College of Education and Human Development offers more than 20 graduate programs at the master's, Certificate of Advanced Study and doctoral levels. Programs of study include curriculum, assessment and instruction, special education, literacy education, educational leadership, STEM education, prevention and intervention studies, and higher education. U.S. News & World report surveyed 376 schools granting education doctoral degrees, getting responses from 255 colleges. The rankings are based on quality assessment scores from faculty of other education programs, school administrators and other experts, as well as factors such as student selectivity, faculty resources and research activity. Contact: Casey Kelly, 207.581.3751, casey.kelly@maine.edu

'Sin and Redemption' offered at CCA

16 Mar 2016

Be transported from rousing Saturday night juke joint music to Sunday morning church gospel with "True Blues: Sin and Redemption" at 8 p.m. Saturday, March 26, at the Collins Center for the Arts at the University of Maine. True Blues (Corey Harris, Guy David and Alvin Youngblood Hart) and the Campbell Brothers (Chuck Campbell, Phillip Campbell, Carlton Campbell and Darick Campbell) will collaborate to illuminate the connection between the blues and gospel. Harris and Hart were featured in Martin Scorsese's "The Blues: A Musical Journey," which documents Harris' travels from Mississippi to West Africa. The Campbell Brothers play lap and pedal steel guitars to produce Sacred Steel, a gospel strain that developed in Pentecostal churches. For more information and to buy tickets, which range from \$26 to \$40, including fees, visit the CCA [website](#).

22nd annual Rural Living Day April 2

16 Mar 2016

University of Maine Cooperative Extension and the Waldo County Extension Association are hosting the 22nd annual Rural Living Day from 9 a.m. to 3 p.m. Saturday, April 2 at Mount View High School, 577 Mount View Road, Thorndike. Workshops include building small homes, baking bread, birding, pasturing chickens, plant propagation, making maple sugar and candy, and growing berries in Maine. Participants can choose to learn more about topics such

as beekeeping, home butchery, tomato grafting, timber harvesting, extending the garden season, natural building and living roofs. A \$20 donation for adults, \$15 for children is requested. Proceeds will allow Waldo County youth to attend Tanglewood 4-H Camp & Learning Center in Lincolnville. Registration is required and includes three workshops and a lunch featuring local foods. More information, including registration is [online](#). To request a disability accommodation or register by phone, call 342.5971 or 800.287.1426 (in Maine).

Registration open for Jr. Bears Triathlon, Maine Edge reports

16 Mar 2016

[The Maine Edge](#) published a University of Maine news release announcing registration is open for the second annual Jr. Bears Triathlon that will be held on the University of Maine campus Saturday, June 4. The Jr. Bears Triathlon is a fundraiser for Black Bear Aquatics (BBA), a competition-based swim team located at UMaine's Wallace Pool. The group aims to provide technical development and racing skills for all age levels. BBA has a growing youth team as well as a Black Bear Masters team for swimmers 18 and older. The triathlon is open to children 6–14 years old. Athletes will swim in the Wallace Pool and bike and run on closed roads and paths. Participants who are 6–9 years old will swim 50 yards, bike one mile and run half a mile. Those who are 10–14 years old will cover twice the distance with a 100-yard swim, 2.3-mile bike ride and mile run. More information about the triathlon is available on [Facebook](#) and BBA's [website](#).

Boothbay Register reports on Maine AgrAbility presentation at garden club meeting

16 Mar 2016

[Boothbay Register](#) published a Boothbay Region Garden Club news release about the group's recent meeting that focused on safer and more comfortable ways to garden. Ellen Gibson of Maine AgrAbility led the group through simple stretching exercises, according to the article. As a member of the Maine AgrAbility staff, Gibson provides information and technical assistance to farmers and gardeners who suffer injuries, pain or disabilities, the article states. For the garden club presentation, she focused on the two major problems encountered by people who do extensive gardening: lower back pain and arthritis. The Maine AgrAbility program is a nonprofit partnership among the University of Maine Cooperative Extension, Goodwill and Alpha One that assists farmers, loggers and fishermen with disabilities and chronic illnesses so they may remain active in production agriculture.

Maine Edge advances international affairs conference

16 Mar 2016

[The Maine Edge](#) published a University of Maine news release previewing the April 1 conference, International Affairs: An Interdisciplinary Study. The intersection of anthropology, political science and history in international affairs will be the focus of the free program that will be held from 9:15 a.m.–4 p.m. in Wells Conference Center. The event is sponsored by the UMaine International Affairs Program, with support from the School of Policy and International Affairs.

Student studying chemistry through UMaine partnership wins contest, Ellsworth American reports

16 Mar 2016

[The Ellsworth American](#) reported Ella Marshall, an eighth-grade Deer Isle-Stonington Elementary School student, won a statewide chemistry competition and received an expenses-paid trip to compete at the national level. Marshall became the state's 2016 You Be the Chemist Challenge champion and will represent Maine at the national contest in Philadelphia, according to the article. The contest, which was developed by the Chemical Educational Foundation, is a question-and-answer competition that motivates fifth- to eighth-grade students to sharpen their knowledge of chemistry concepts and their real-world applications, the article states. The program relies on partnerships between community members who seek to foster student engagement with science, including industry, schools universities and community

organizations. Mickie Flores, Deer Isle-Stonington Elementary School science teacher, said the eighth grade studies chemistry as part of a physical science partnership with the University of Maine.

Student group, UMaine Dining staff cited in Press Herald article on vegan food options

16 Mar 2016

The University of Maine was mentioned in the [Portland Press Herald](#) article, “Two national companies aim their vegan products at non-vegans.” According to the article, UMaine is now serving egg-free and vegan Just Mayo in salads and sandwiches instead of conventional mayonnaise and has added four vegan cookies to its daily baked goods display. It’s a move taking place at other campuses and institutional dining services across the country, which like UMaine are attracted to the product’s sustainable footprint, lack of cholesterol and suitability for special diets, the article states. The vegan mayo also is being used with non-vegan items, such as tuna salad and chicken salad because “it has a better sustainability mark than regular mayo,” said Kerry Chasteen, quality assurance manager for UMaine Dining. UMaine has a sustainability office and a goal of reducing “the environmental footprint of the campus,” the article states. Glenn Taylor, director of UMaine Dining, said Just Mayo is “as good as or better than anything else.” The new menu items were added because members of the newly formed student group Vegan Education & Empowerment Coalition asked UMaine Dining to give vegans more choices, the Press Herald reported.

Don Oakes: Sails translate to sales for CEO of Sea Bags

16 Mar 2016

When Milo native Don Oakes was a boy it was a big deal to travel 40 or so miles to Bangor to buy school clothes and supplies. Oakes, now CEO of Sea Bags, describes his life in the '70s in the town with 2,500 people and three rivers as similar to his favorite TV show, “Mayberry R.F.D.” His childhood, he says, was simple, secure and normal; he rode his bike, played in the woods and excelled at science fair projects. In high school, he worked part time at the hardware store. His family had one phone — a party landline. They knew everybody in town and everybody knew them. And why not? Over the span of 50 years, his father, Walter “Eddie” Oakes was a fixture as an educator. He taught science to three generations of families in the Penquis Valley region. For nearly 40 years, the University of Maine graduate taught kids to drive. And he tended the game clock at more than 1,500 Patriots’ basketball games. After Don Oakes graduated from the home of the Patriots — Penquis Valley High School — many of his friends went to work in a shoe shop, mill or the woods. Oakes, though, headed to UMaine, like his father had. He liked math and thought working with numbers that had dollar signs in front of them would be even more fun. “I’m a big believer in being yourself,” says Oakes, who graduated in 1983 with a degree in business. “Authenticity is important.” So too, he says, are lifelong learning and growing, engaging in worthwhile work and making a positive impact. Putting those beliefs into action helped catapult Oakes to a successful career that has included working as a consultant and executive at L.L. Bean before becoming CEO of Sea Bags. At Sea Bags, Oakes relishes managing all aspects of the business that’s anchored on a working Portland wharf alongside a fish market and docked lobster boats. In the large workshop, people design and craft tote bags, duffle bags, wine bags, pillows, backpacks, purses and diaper bags from used sails that have, as the website indicates, soaked up “sun, salt, smiles and adventure.” Oakes is proud that sustainability is a cornerstone of the Sea Bags. Well over 500 tons of sails — which would have gone into landfills — have been upcycled into bags and accessories that retail for \$30 to \$230. In 2012, Oakes left his position as senior vice president at L.L. Bean running the iconic catalog and website. And after considering a variety of options, Oakes landed at Sea Bags. While his responsibilities at Sea Bags are broader than at L.L. Bean, in many ways they are similar. The biggest difference, he says, is financial scale — or “where the decimal point is” with regard to sales and profits. Taking risks, says Oakes, also can be an important part of career and business growth. “I’ve been fortunate that most of the time they [risks] work out well, but when they don’t, you have to adjust, move on, and not belabor the point. The important part is learning from the experience.” Oakes says he’s blessed to be part of a company where people want to learn and are willing to work hard and where customers love the product. A word cloud made from the most-repeated words in online reviews of Sea Bags includes “Love” in the center surrounded by “great” and “perfect.” The company, which has doubled in size the last two years, has retail locations in Freeport, Maine, as well as in Rockport and Chatham, Massachusetts and Cape May, New Jersey. More than two decades ago, Oakes returned to Maine from the Boston area. He arrived at the iconic family-owned outdoor retailer after deciding to make a lifestyle and location change. Oakes had been logging grueling hours as a consultant and he wanted

to spend more time with his two young children. And he wanted his boys to grow up in an environment similar to the one he had. It so happened that when Oakes was looking to make a move, L.L. Bean was looking for a quality manager. “I wanted to come back to Maine for the quality of life, and was fortunate that I was able to land at L.L. Bean,” he says. Over the next 20-plus years, Oakes put his expertise to use in several capacities, including as head of the factory stores. Then, he was given the key to the crown jewels — overseeing the L.L. Bean brand. UMaine, says Oakes, prepared him well and helped put him on his career path. In addition to challenging business courses, the self-described serious student says he benefited from the rigor and substance of constitutional law courses and that he gained confidence and skills in a public speaking class. Oakes also was president of the Student Senate, vice president of the student body and a member of the Senior Skull Society, an honor group that promotes outstanding leadership, scholarship and citizenship in the university community. And he supported the men’s ice hockey team, which then was in its infancy. As graduation neared, Oakes was unsure of which future options — including law school or banking — to pursue. His adviser, Charles “Chick” Rauch, encouraged him to take the Graduate Management Admissions Test in addition to the Law School Admission Test. After diligently preparing for the LSAT, Oakes says he did OK. He hadn’t studied for the GMAT, and he aced it. He did so well, in fact, he was granted deferred admission at Harvard Business School. During the two years before he entered Harvard, Oakes, also at Rauch’s urging, joined a consulting firm. Today, Oakes remains a fan of the UMaine men’s ice hockey team. This past fall, he cheered on the Black Bears at the 2015 Ice Breaker Tournament in Portland, where the two-time NCAA champs hosted powers Michigan State, North Dakota and Lake Superior State. Oakes, his wife Valerie and their 14-year-old daughter Christina, live in Falmouth, a southern Maine coastal community of 11,000. They also have two sons — Matt, 27, who lives in Seattle, and Casey, 25, who lives Portland after time in Washington, New Jersey and Massachusetts. In many ways, life has dramatically changed since Oakes’ boyhood in Milo. For one, smartphones have replaced party landlines. And rather than making a once-a-year trek to Bangor to buy school clothes, people can use smartphones 24 hours a day to purchase items from Sea Bags and L.L. Bean. In other ways, though, Oakes’ world remains much the same. He still treasures family, Maine, the outdoors and life’s simple pleasures — including kayaking, hiking, skiing and bike riding. Contact: Beth Staples, 207.581.3777

Mayewski a most-influential climate change author

16 Mar 2016

Paul Mayewski has been rated one of the most-cited and influential climate change authors. His article “[Holocene climate variability](#)” was ranked No. 58 of the all-time top 100 papers on climate change by Carbon Brief, a website in the United Kingdom that covers developments in climate science, climate policy and energy policy. As of August 2015, Mayewski’s paper, published in November 2004 by “Quaternary Research,” had been cited 852 times. In the paper, the director of the University of Maine Climate Change Institute analyzed climate variability in the Holocene Period (from about 11,500 years ago to the present). His examination of global paleoclimate records revealed significant rapid climate change from 9,000–8,000, 6,000–5,000, 4,200–3,800, 3,500–2,500, 1,200–1,000 and 600–150 calendar years ago. Several intervals, he discovered, coincided with major disruptions of civilization, demonstrating the significance of people on Holocene climate variability. His work and discoveries have been recognized before. In April, he’ll receive a Hans Oeschger Medal in Vienna, Austria. The medal was established by the European Geosciences Union in recognition of Oeschger, a physicist from Switzerland and pioneering expert on the effects of greenhouse gases on the planet. In 2015, the World Ocean Observatory hailed Mayewski as a Citizen of the Ocean for his inspiring contributions to ocean knowledge and advocacy. The Explorers Club Fellow and medal winner also was awarded the first Medal for Excellence in Antarctic Research from the Scientific Committee for Antarctic Research. Last summer, Mayewski was named one of the state’s 50 Bold Visionaries by “Maine” magazine. He also was featured in the Emmy Award-winning Showtime series “Years of Living Dangerously” that focused on 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.” To learn more about Carbon Brief’s criteria, visit carbonbrief.org/analysis-the-most-cited-climate-change-papers. A list of 100 papers is available [online](#).

ADVANCE Rising Tide Center to celebrate first five years March 24

17 Mar 2016

The ADVANCE Rising Tide Center at the University of Maine will mark its fifth anniversary with a celebration March

24. The 1 p.m. event will be held in the McIntyre Room of the Buchanan Alumni House to thank everyone who has supported or participated in ADVANCE initiatives during the last five years. The ADVANCE program is funded by the National Science Foundation and seeks to develop systemic approaches that can be institutionalized at higher education institutions to increase the representation and advancement of women in academic science, technology, engineering and mathematics (STEM), and social-behavioral science careers. "While the NSF ADVANCE grant is designed to support women faculty in the STEM and social-behavioral sciences, this initiative has improved hiring, mentoring, peer-review, and promotion and tenure processes across the campus," says Jeffrey Hecker, ADVANCE principal investigator and UMaine's executive vice president for academic affairs and provost. "The Rising Tide Center has elevated and enriched the UMaine community. We've come a long way in five years and are excited to celebrate the accomplishments and commit to continuing the work." Over the last five years, the UMaine project has gained many accomplishments, including a grants program leading to 104 new collaborations, 39 supported graduate students, 67 conference presentations, 18 publications and more than \$700,000 in external grant funding. The project has led to the development and support of family-friendly workplace policies, the Male Advocates and Allies program, career recognition and faculty mentoring recognition awards, targeted mentoring and training programs, and new faculty orientation and networking events. The ADVANCE Rising Tide Center also co-wrote a handbook on diversifying faculty searches and established Maine Career Connect, a nonprofit consortium of area employers providing dual career and family services for employees new to Maine. The center has offered an annual networking conference; workshops on topics such as bias literacy, negotiations, fostering collegiality and mentoring; and a variety of online resources, including those available through the [ADVANCE website](#). In fall 2016, the ADVANCE Rising Tide Center will become the UMaine Rising Tide Center. The center's mission will expand to include women faculty from all disciplines with the goal of improving gender equality on campus and throughout the community. The anniversary event's keynote speaker, Meredith Hastings of Brown University and co-founder of the [Earth Science Women's Network](#), will discuss "From Ice Cores to Cities to Oceans: Fingerprinting Reactive Nitrogen Sources and Chemistry." Hors d'oeuvres and live music will be provided at a 2 p.m. reception following Hastings' presentation. The event is free and open to the public. Attendees are encouraged to register [online](#). Hastings is an associate professor at Brown University. Her research interests span air quality, atmospheric chemistry, acid deposition and biogeochemistry, and she teaches courses on weather, climate and climate change. Prior to joining the faculty at Brown in 2008, Hastings was a Joint Institute for Study of the Atmosphere and Ocean (JISAO) postdoctoral fellow at the University of Washington. She completed her Ph.D. at Princeton University, working with researchers in the Department of Geosciences and at the National Oceanic and Atmospheric Administration's Geophysical Fluid Dynamics Laboratory. Hastings is an NSF CAREER Award and American Geophysical Union's Atmospheric Science Ascent Award recipient. She also was recently named as one of Insight into Diversity's 100 Most Inspiring Women in STEM. More information about the event and ADVANCE Rising Tide Center is [online](#). Contact: Elyse Kahl, 207.581.3747

New dean named for College of Education and Human Development

17 Mar 2016

University of Maine Executive Vice President and Provost Jeffrey Hecker has named Timothy Reagan the dean of the College of Education and Human Development, effective July 1. The appointment is pending approval by the University of Maine System Board of Trustees. Reagan replaces UMaine Professor of Higher Education Susan Gardner, who has served as interim dean for the past nine months. "Dr. Reagan has a more than 30-year career in education as a faculty member, researcher and administrator — demonstrated engagement and expertise essential to helping fulfill the statewide mission of the Maine's flagship university," says Hecker. "In addition, he has international experience that will provide important perspective on global issues in education in Maine and beyond. "I also want to take this opportunity to thank Dr. Gardner for her leadership as interim dean, effectively positioning the college to advance its teaching, research, innovation and engagement initiatives." UMaine's College of Education and Human Development prepares more Maine teachers and education leaders than any other institution. In the land grant tradition, the college is engaged in nearly all of Maine's more than 140 school districts. UMaine's graduate education programs are nationally ranked. "I am delighted to be joining the University at an especially exciting time in its history," Reagan says, "and look forward to working closely with colleagues in the College of Education and Human Development, and, of course, with our many partners in the community to address the many challenges and opportunities that face us as we move forward to continue to serve the state and the nation." Reagan recently returned to the United States, having served for three and a half years as founding dean of the Graduate School of Education at Nazarbayev University in Astana, Kazakhstan. He

has held a variety of senior faculty and administrative positions at institutions in the U.S. and South Africa, including Gallaudet University, University of Connecticut, Roger Williams University, Central Connecticut State University and University of the Witwatersrand. He holds a Ph.D and master's degree in educational policy studies from the University of Illinois at Urbana-Champaign. Reagan says the core values that have guided his career include a belief in the role of a liberal education as a foundational part of the preparation of educators; a deep respect for diversity and inclusivity in schools and society, broadly conceived and grounded in a powerful concern for social justice; and, most important, a commitment to working to ensure that the highest quality of education is available to students at all levels of the educational system. His areas of expertise include teacher education and teacher education reform, language policy and planning in education, foreign language education, sign languages, and comparative and international education. Reagan is the author of more than a dozen books and 150 refereed journal articles and book chapters on educational and applied linguistics, educational policy studies, educational reform — especially at the preK–12 level, teacher education, comparative education and philosophy of education. Contact: Margaret Nagle, 207.581.3745

Hart paper on higher education, sustainability published in journal, cited by Ensia magazine

17 Mar 2016

A paper that focuses on the work of the Senator George J. Mitchell Center for Sustainability Solutions at the University of Maine and other leading sustainability institutions was recently published in a journal and cited in a magazine. “Mobilizing the power of higher education to tackle the grand challenge of sustainability: Lessons from novel initiatives,” was originally published in [Elementa: Science of the Anthropocene](#) and recently was featured in the magazine Ensia. The paper is an assessment of the emerging field of sustainability science and focuses on five lessons that reflect the challenges in the design and implementation of six different sustainability programs. David Hart, director of the Senator George J. Mitchell Center for Sustainability Solutions, is the paper’s lead author. Linda Silka, a senior fellow at the Senator George J. Mitchell Center for Sustainability Solutions, is one of the paper’s nine co-authors. The other co-authors represent five additional U.S. institutions who are leaders in the sustainability field. Ensia showcases environmental solutions in action by sharing stories to spark conversations that motivate and empower people to create a more sustainable future. A synopsis of the Elementa paper is featured in [Ensia](#) magazine’s “Notable” section. The full journal article is on the Elementa [website](#).

Livestock 101 Field Day April 2

17 Mar 2016

Basic practices appropriate for small-scale livestock producers and 4-H project leaders will be the focus of a Livestock 101 Field Day from 11:45 a.m. to 3:15 p.m. Saturday, April 2, at the University of Maine J. Franklin Witter Teaching & Research Center, 160 University Farm Road, Old Town. The free public program will demonstrate hands-on methods for those starting out or thinking about raising livestock. Potential topics include measuring livestock vital signs, grain and feed quality assessment, sheep hoof trimming, poultry and sheep handling, injection techniques and biosecurity for small farms. Speakers include staff from program co-sponsors UMaine Extension; UMaine School of Food and Agriculture; the Maine Department of Agriculture, Conservation and Forestry; and the Maine Organic Farmers and Gardeners Association. Preregistration is required online. For more information, to register by phone or to request a disability accommodation, contact Melissa Libby, 581.2788, 800.287.7170 (in Maine), melissa.libby1@maine.edu.

Page Farm and Home Museum to host Maine maple event March 26

17 Mar 2016

Families are invited to join the Page Farm and Home Museum’s Maine maple celebration from 1–3 p.m. Saturday, March 26. The event begins at the museum with the video, “The Maple Sugaring Story.” For children in grades K–5, there will be activities, games and stories about syrup making — one of Maine’s oldest traditions and seasonal business enterprises. UMaine’s sugar bush in the University Forest off College Avenue Extension, approximately 1.5 miles from the campus, will be open for tours. Visitors can see sap being made into syrup in the sugarhouse, sample syrup and take part in a “sugar-on-snow” party. Preregistration is required. A \$4 per person fee covers materials. Children must be

chaperoned by an adult with transportation. For more information, to preregister or to request disability accommodations, call 581.4100. Maine Maple Sunday is the fourth Sunday in March, however many sugarhouses around the state are offering events throughout the weekend, according to the Maine Maple Producers Association.

BDN publishes op-ed by Curran

17 Mar 2016

The [Bangor Daily News](#) published the opinion piece, “The one day set aside for everyone to be Irish,” by Hugh Curran, who teaches courses in Peace and Reconciliation Studies at the University of Maine. Curran was born in Donegal, Ireland, and immigrated to Canada with his parents before moving to Maine.

Gabe’s syrup study cited in MaineBiz report on misleading maple claims

17 Mar 2016

University of Maine economist Todd Gabe’s 2014 study on the maple industry’s financial impact on the state was cited in the [MaineBiz](#) article, “Lawmakers push for action against misleading maple claims.” A delegation from Maine, including U.S. Sens. Angus King and Susan Collins, as well as U.S. Reps. Chellie Pingree and Bruce Poliquin, joined 27 other members of Congress in a letter urging the commissioner of the U.S. Food and Drug Administration to exercise legal authority to investigate and take action against products that falsely claim to contain maple syrup, according to the article. Another letter signed by 11 maple producers’ associations, including the Maine Maple Producers Association, was included with the lawmakers’ letter to the commissioner. The letter from the maple producers alleges widespread intentional mislabeling of products as containing real maple syrup, the article states. Gabe’s study found that including multiplier effects, Maine’s maple syrup industry annually contributes \$49 million in revenue, 805 full- and part-time jobs, and \$25 million in wages to the state’s economy.

CKD News cites UMaine research on cognitive deficits in kidney disease

17 Mar 2016

Research conducted at the University of Maine was mentioned in the [CKD News](#) article, “Study evaluates cognitive deficits in chronic kidney disease patients.” Chronic kidney disease (CKD) is a significant risk factor for cognitive impairment, and previous studies have examined differences in cognitive impairment between those with and without kidney disease using multiple cognitive outcomes, but few have done this for an extensive battery of cognitive tests, according to the article. The article cites a new study published in the journal [Nephrology Dialysis Transplantation](#) and titled “[Risk for cognitive impairment across 22 measures of cognitive ability in early-stage chronic kidney disease](#).” For the study, researchers at UMaine, Temple University and the University of Maryland revealed normative data for participants of the Maine-Syracuse Longitudinal Study (MSLS), a 35-year study of cognition and cardiovascular risk-factors, with early-stage chronic kidney disease that will allow clinicians to select the most appropriate tests for their patients’ needs. The data will hopefully allow scientists to compare the cognitive functioning of study participants with end-stage renal disease with that of an appropriate reference group, the article states.

Media cover release of report on preparing for spruce budworm outbreak

17 Mar 2016

The Associated Press, [Portland Press Herald](#), [Bangor Daily News](#), Maine Public Broadcasting Network, [WGME](#) (Channel 13 in Portland), WLBZ (Channel 2), [WVII](#) (Channel 7) and [MaineBiz](#) reported on the release of a report that looks at how the state is preparing for the next cyclical infestation of a pest that could cause severe economic damage to the state’s forest products industry. Described as the most damaging forest insect in North America, the spruce budworm is not yet killing trees in Maine, but has already defoliated 15 million acres in Canada, according to the Press Herald. The report was created by the Maine Spruce Budworm Task Force and includes a plan and risk assessment with about 70 recommendations, some of which have already been implemented. Preparation recommendations for the next expected outbreak include increased monitoring, use of insecticides where they are needed and changing strategies for

forest management. The Maine Spruce Budworm Task Force was formed in 2013 by the University of Maine, Maine Forest Service and Maine Forest Products Council to determine what economic and ecological effects another outbreak might have on the state, and what can be done to minimize those effects. “The thing I am most proud of is that we all came together, had critical conversations and prepared a detailed plan before the first tree was defoliated in the state,” Robert Wagner, a forestry professor and director of UMaine’s Center for Research on Sustainable Forests, told the Press Herald. “We hope this report will allow Maine to learn from past successes, avoid previous mistakes and take advantage of the many new opportunities that are out there.” [The Washington Times](#) and WABI (Channel 5) carried the AP report.

Dwyer quoted in BDN article on second-generation potatoes

17 Mar 2016

Jim Dwyer, a crops specialist with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for an article about second-generation potatoes. A new genetically engineered potato has been ruled safe by the U.S. Food and Drug Administration and has been deregulated by the U.S. Department of Agriculture, according to the article. Made by the Idaho-based J.R. Simplot Company under the brand name Innate, the second-generation potato is under review and must still be approved by the federal Environmental Protection Agency after a decade of scientific development, safety assessments and extensive field tests, the article states. Innate potatoes only contain genes from wild and cultivated potatoes and are grown in the same way as conventional potatoes, according to the company. Dwyer said recently he and officials from the Maine Potato Board attended a presentation by Simplot. “We got a presentation a few weeks ago about the technology that they are bringing to the table,” Dwyer said. “They have several varieties, such as the Russet Burbank Generation 2, that they talked to us about, and there were good traits such as less bruising and more resistance to late blight.”

Bangor High School senior, SMART participant wins national contest, media report

17 Mar 2016

[Bangor Daily News](#), WABI (Channel 5), [Portland Press Herald](#) and [Society for Science & the Public](#) reported a Bangor High School senior who invented a gadget for improving water quality received one of three first-place awards — worth \$150,000 — at the Intel Science Talent Search awards ceremony in Washington, D.C. The awards are a program of the Society for Science & the Public and the nation’s most prestigious precollege science and math competition, according to the BDN. Paige Brown won the First Place Medal of Distinction for Global Good, which recognizes a finalist who demonstrates great scientific potential through their passion to make a difference, the BDN reported. Brown participated in the NSF-EPSCoR supported Stormwater Management Research Team (SMART) program at UMaine in 2014 and 2015, and studied the water quality of six environmentally impaired local streams with high E. coli levels and five with high phosphate contamination levels. Aria Amirbahman, a UMaine professor of civil and environmental engineering, advised Brown on her award-winning project, helping her with experimental design and data modeling. Some of Brown’s work for the project was conducted on campus at the CES Environmental Chemistry Lab and the Woodard Environmental Engineering Lab. She also collaborated in her research with UMaine graduate student Sudheera Yaparathne. The [BDN](#) and WABI (Channel 5) also published follow-up reports after interviewing Brown.

High student demand prompts implementation of UMaine waitlist for fall admission

17 Mar 2016

The University of Maine’s commitment to affordability, strategic investments in signature strengths and aggressive marketing have paid off. With a record number of qualified applications for fall 2016, UMaine will begin notifying most students who have applied and not yet been accepted that they have the option to be wait-listed for admission consideration. “The interest in UMaine among prospective students is truly exciting and speaks to the value of the University of Maine and Maine itself. Our commitment to providing a high-quality education at an affordable price resonates with students and families,” says University of Maine President Susan J. Hunter. The projected incoming class of 2,150 students is the right size for UMaine, allowing the university to grow its enrollment while maintaining quality. With well over 14,000 qualified applications, UMaine is in a position to be more selective about its entering class. As

part of the One University initiative, UMaine will collaborate with the other University of Maine System campuses so that every qualified Maine student will be able to pursue his or her education at a state public university. Applicants opting for UMaine wait list status — the first in the recent history of the state’s flagship university — will learn whether they have been accepted by May 6. If UMaine is unable to offer admittance for the fall, wait-listed students will be guaranteed admission at the University of Maine at Augusta, University of Maine at Fort Kent, University of Maine at Machias, University of Maine at Presque Isle and the University of Southern Maine. “The strong interest in UMaine has resulted in a highly competitive applicant pool,” says Jeffrey Hecker, UMaine executive vice president and provost who oversees enrollment management. “We’re attracting students from throughout New England who are interested in the educational experience associated with a nationally ranked research university. Our location in one of the most attractive states in the country and our competitive tuition are also draws for out-of-state students.” Maine’s public universities have sustained a five-year tuition freeze for Maine residents to improve the affordability of public higher education. The College Board recently recognized Maine as the only state in the country to lower the real cost of in-state, four-year public higher education. The inflation-adjusted cost of public university tuition and fees declined in Maine by 2 percent over the last five years. Nationally, tuition and fees at public universities increased by 13 percent during the same period. At its March meeting, the University of Maine System Board of Trustees voted to extend the tuition freeze for a sixth year. “The personalization, research opportunities and internships for undergraduate students are very significant when compared to other flagship universities. Our Define Tomorrow campaign speaks to alumni success and job placement, areas where the University of Maine stands out. Inquiries from prospective students for the class entering in the fall of 2018 are already over 100 percent ahead of last year at this time — from 17,000 to 36,000,” says Joel Wincowski, UMaine vice president of enrollment management. This past fall, UMaine launched a new marketing campaign and strategic recruitment efforts, including greater interaction with high schools throughout Maine and New England, and new scholarship programs reaffirming the university’s commitment to making higher education affordable for Maine students, and bringing the best and brightest into the state — future leaders, community members and tomorrow’s workforce. As of March 11, the number of UMaine first-year student applications was up 17 percent over the same time last year. The number of transfer student applications also is up from last year. UMaine has instituted waitlists in the past for specific academic programs, but the high number of applications this early in the student recruitment season has prompted implementation of a universitywide waitlist. “Our commitment to providing every first-year student with a quality experience requires that we limit the size of the entering class,” says Hecker. Amid Maine’s demographics that include fewer high school graduates, UMaine continues to attract students from every county in the state who make up more than 70 percent of the university’s enrollment. The university also has been growing its out-of-state enrollment. Between fall 2010 and fall 2015, the percentage of nonresident degree-seeking undergraduate students increased from 17 percent to 28 percent. Applicants can choose to accept a place on UMaine's waitlist by emailing umainewaitlist@maine.edu or by calling 207.581.1561. More information about UMaine's waitlist is online. Contact: Jennifer O’Leary, 207.515.3341

Robbins inducted into Maine Franco-American Hall of Fame

18 Mar 2016

Rhea Cote Robbins, a Franco-American Studies instructor, was inducted into the Maine Franco-American Hall of Fame March 16. Robbins, a UMaine alumna, was an editor of *Le FORUM* at the Franco-American Center from 1986-96, and in 1997, won the Maine Chapbook Award for her nonfiction book, *Wednesday's Child*. She teaches courses in Franco-American women's experiences, contact literature and creative nonfiction writing. Robbins is a founder and the executive director of the Franco-American Women's Institute, based in Brewer.

Suffolk Times lauds performance of University Singers

18 Mar 2016

[The Suffolk Times](#) mentioned the outstanding performance of the University of Maine Singers in Orient, New York. During spring break, the 66-member group performed free concerts in Maine, New Hampshire, Massachusetts and New York.

Maine Edge previews Rural Living Day

18 Mar 2016

[The Maine Edge](#) ran a press release about the University of Maine Cooperative Extension and the Waldo County Extension Association's 22nd annual Rural Living Day on Saturday, April 2, at Mount View High School. Workshop topics will include building small homes, baking bread, birding, pasturing chickens, plant propagation, making maple sugar and candy and growing berries.

Women's basketball scores coverage prior to WNIT

18 Mar 2016

Several media outlets ran stories about the University of Maine women's basketball team prior to the squad's matchup with Quinnipiac in the opening round of the WNIT. WABI (Channel 5) talked with coach Richard Barron, the [Portland Press Herald](#) featured Liz Wood and the [Bangor Daily News](#) highlighted Mikaela Gustafsson.

WABI explores 'Expanding Horizons' conference for girls

18 Mar 2016

WABI (Channel 5) broadcast a story about 270 middle school girls from around the state participating in a University of Maine event that provides an encouraging environment and hands-on approaches to explore science, technology, engineering and math (STEM). The 29th Expanding Your Horizons conference featured workshops for students and teachers from 16 participating schools.

Media report on application increase, waitlist at UMaine

18 Mar 2016

A number of media outlets reported the number of first-year student applications to the University of Maine is up 17 percent over last year and the university has instituted a waitlist for the first time in recent history. About 14,000 qualified students applied for admission and the projected incoming class will be about 2,150. Maine applicants who opt for waitlist status will be notified whether they're accepted by May 6; if they do not gain admittance, they will be guaranteed admission to other designated University of Maine system universities. Media reporting the story included the [Portland Press Herald](#), [The Morning Sentinel and Kennebec Journal](#), [WCSH6](#), [Bangor Daily News](#), [Maine Public Broadcasting Network](#), [WVII](#) (Channel 7) and [Mainebiz](#).

UMaine announces 2016 Correll Book Awards

18 Mar 2016

Five children's books are being honored as part of the 2016 Correll Book Awards for Excellence in Early Childhood Informational Text. "Spectacular Spots" by Susan Stockdale (Peachtree Publishers) is the winner in the birth to 3-year-old division. The book impressed the selection committee with its effective blend of engaging illustrations and factual information made accessible to the youngest literacy learners. Honorable mention in the division goes to "A Bird is a Bird" by Lizzie Rockwell (Holiday House). In the ages 4-8 division, the winner is "Families" by Shelley Rotner and Sheila M. Kelly (Holiday House). This photo-illustrated book is the first social studies-themed work to receive the award. Committee members cited the diverse representation of families, clear, accurate language and bright engaging photos as reasons for its selection. The ages 4-8 category has two honorable mention titles: "Emergency Vehicles" by Rod Green, illustrated by Stephen Biesty (Templar Books) and "What in the World? Numbers in Nature" by Nancy Raines Day, illustrated by Kurt Cyrus (Beach Lane). This is the fifth year of the Correll Book Awards, created through the University of Maine College of Education and Human Development to bring attention to quality informational text for young children. UMaine Associate Professor of Literacy Education Susan Bennett-Armistead chairs the seven-member Correll Committee, which chooses the winners as exemplars of the genre, appropriate for the age group, engaging for young children and sources of accurate information. All of the winning books were published in English in

the U.S. during the previous calendar year. This year, the committee reviewed more than 60 submissions from publishing houses across the country. Bennett-Armistead says an event is being planned for August to recognize this year's winners. Past winners include: "Gorillas" by Gail Gibbons, "A Place for Bats" by Melissa Stewart, "Look!" by Ted Lewin, "Best Foot Forward" by Ingo Arndt, "Full Speed Ahead! How Fast Things Go" by Marie-Laure Cruschi, and "Swamp Chomp" by Lola Schaefer. Contact: Susan Bennett-Armistead, susan.bennett-armistead@maine.edu

UMaine Educational Leadership program seeks Washington County teachers and administrators for new master's cohort

18 Mar 2016

The University of Maine Educational Leadership program is seeking Washington County superintendents, principals and teacher leaders for a regional group that will be part of a new master's degree cohort starting in fall 2016. An informational open house for interested applicants will be held April 8 from 4–6 p.m. at the Cobscook Community Learning Center. The Washington County Leadership cohort is designed for working professionals to foster ownership and invention in leadership learning. Educators selected to be part of the regional group will meet once a month on a weekday evening at a location in Washington County, as well as once a month on a weekday evening online. Additionally, classes will meet one Saturday a month. Students are typically full-time employed educators. Coursework includes simulation, reflective journals, observation and feedback in practice and examination of group dynamics, in addition to conventional university learning activities, all sequenced developmentally to build leadership competence, including administration, curriculum coordination and teacher leadership. Building on outreach efforts already underway in Washington County, this regional cohort will develop aspiring leaders to address educational issues related to poverty experienced in both public and tribal schools in the region. University of Maine Educational Leadership faculty members Richard Ackerman, Catharine Biddle, and Ian Mette are already working in Washington County through the Transforming Rural Experiences in Education (TREE) outreach program as part of the [Cobscook Community Learning Center](#) in Trescott, Maine. The TREE project is a grant supported pilot project aimed at informing school transformation based on poverty and trauma informed research. Educational leaders interested in the Master of Education or Certificate of Advanced Study cohort programs should apply online through the [University of Maine Graduate School](#). Applicants should know their status within a month of completing the application process. For additional information about the program or the open house, contact Jo-Ellen Carr, 207.581.2455; joellen.carr@maine.edu.

'Growing Maine' Video Released for Maple Season

21 Mar 2016

University of Maine Cooperative Extension has launched an ongoing documentary video series featuring Maine farmers and food producers telling their stories. "Growing Maine" debuts with Pat and Ed Jillson, owners of Jillson's Farm in Sabattus, telling the story of their family farm against the backdrop of last year's Maine Maple Sunday. The video series helps consumers get to know their food sources better, as farmers and producers share a bit "behind the scenes" of how decisions are made. For those aspiring to farm, the videos are a way to hear directly from farmers and producers about what is most important to them. UMaine Extension helps support and grow the food-based economy statewide, and is the only entity that touches every aspect of the Maine Food System, where policy, research, education, production, processing, commerce, nutrition, and food security and safety are integral and interrelated. Videos in the Growing Maine series can be viewed [online](#). Viewers also have the opportunity to suggest future story ideas for new videos that will be released throughout the year. For more information contact Leslie Forstadt, 207.581.3487, leslie.forstadt@maine.edu.

Maines, Pelletier named 2015 Steve Gould Award recipients

21 Mar 2016

Two members of the University of Maine community have been named recipients of the 2015 Steve Gould Award: Wayne Maines, executive director of safety, health services, transportation and security; and Melinda "Mindy" Pelletier,

an administrative specialist in the Office of Academic Affairs and Provost, and president of the Classified Employees Advisory Council. The Gould Award is presented to members of the UMaine community who have, by their conduct, demonstrated superior qualities of unselfishness and compassion in the course of serving UMaine and its ideals. The Steve Gould Award will be presented at the Employee Recognition and Awards Ceremony, 11:30 a.m.–1 p.m., April 8 at Wells Conference Center. Maines was cited for his community leadership in recent years that enlightened members of the UMaine community, the state of Maine and the nation about transgender people. Maines is the father of two children, one of whom is transgender. His family's story is told in the book "Becoming Nicole: The Transformation of an American Family," by Pulitzer Prize-winning author Amy Ellis Nutt. In raising awareness of issues facing the transgender community, Maines has become a civil rights advocate for anyone facing discrimination. In his nomination letter, UMaine Professor of History Howard Segal noted that Maines teaches us all to be more sensitive, accepting and open to each other. "Wayne Maines champions the underdog, changes lives and makes us all better people. He is a true hero," Segal said. Pelletier, a UMaine alumna, was cited for her dedication to making meaningful contributions that improve the lives of those around her, and for advancing the UMaine mission. As president of the Classified Employees Advisory Council, Pelletier has worked tirelessly to advance the organization and its members. She advocates for opportunities for individuals to advance their skills, talents and career mobility potential, and she is dedicated to safety in the workplace. In her community leadership, Pelletier mobilizes local people and resources to meet needs. Her initiatives have included a drive to compile and distribute personal care supplies for the homeless, and collect donations and nonperishable food items for the Black Bear Exchange. Pelletier's nomination letters cite her compassion, integrity, generosity, humor and "dedication to being a good person" — characteristics she embodies daily in all she undertakes. "Mindy shows me every day what a pleasure it is to be part of the University of Maine community," noted Administrative and Fiscal Officer Dianne Avery in her nomination letter. The annual Steve Gould Award was created to honor the former UMaine police chief. Gould had a 14-year career with the Maine State Police before joining the UMaine community in 1956. During his 13 years as UMaine police chief, Gould was noted for his student-centered approach. Gould was an active community volunteer and musician who went on to serve in the Maine House of Representatives.

Robin Avery named 2016 Outstanding Professional Employee

21 Mar 2016

Robin Avery, University Forest operations manager for the past 19 years, will receive the 2016 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 Ceremony, 11:30 a.m.–1 p.m., April 8 at Wells Conference Center. Avery has helped shape the management of 13,500 acres of forestland owned by the UMaine and the University of Maine Foundation, including the 1,740-acre Dwight B. Demeritt Forest in Orono and Old Town. In his personal and professional commitment to responsible stewardship of forest resources, he also has influenced the education and careers of many UMaine forestry majors, and provided essential support to School of Forest Resources researchers. Avery also has mentored students employed by the University Forest Office to help safely and sustainably manage the woodlands — young workers whose hands-on experience makes them sought-after in the industry. In his work, Avery can be found consulting with logging contractors, leading demonstrations for classes in the School of Forest Resources and introducing third graders to maple sugaring activities in the University Forest. Avery is well-respected for his deep roots in forestry and his Maine work ethic, and his knowledge of Maine forests, wildlife management, road construction and forest operations. He grew up in a Marsh Island logging family and worked as a logging contractor before joining the UMaine community. For the past two decades, Avery has been active in Maine's Certified Logging Professionals (CLP), a program dedicated to training and certifying loggers in safe, efficient and environmentally sound logging practices. Avery is a CLP board member and instructor. His leadership, including curriculum development, has helped promote professionalism, and decrease injuries and fatalities in the state's logging industry. Avery also is a registered Maine Guide and serves on the wildlife board of Downeast Lakes Land Trust. Throughout his career, Avery's expertise has been tapped for numerous committees of the Maine Department of Inland Fisheries & Wildlife.

Animals, juggling inspire Popovich Comedy Pet Theater

21 Mar 2016



The Collins Center for the Arts will go to the dogs. And cats, parrots, goats and a miniature horse when the World Famous Popovich Comedy Pet Theater takes the stage at 3 p.m. Sunday, April 3. For the last nine years, the family-friendly extravaganza has been based at Planet Hollywood Resort and Casino in Las Vegas. It includes European-style clowns, juggling acts and adorable performing pets, including cats and dogs rescued from animal shelters. Popovich, a master animal trainer, employs positive-reinforcement techniques to coach animals to perform tasks based on their individual personalities and talents. The child of Russian circus performers holds the world record in a balancing/juggling feat in which he stands atop a 9-foot, free-standing ladder and juggles nine rings. The World Famous Popovich Comedy Pet Theater, a finalist on “America’s Got Talent” has appeared on “Late Night with David Letterman” and “The Tonight Show” and has been featured in People, The New Yorker and USA TODAY. The Circus Fans Association of America named Popovich the 2009 Entertainer of the Year. For more information and tickets, which are \$14 for children 12 and younger and \$22 for adults, including all fees, visit the CCA [website](#).

Learn to safely ‘cook for crowds’ with Cooperative Extension

21 Mar 2016

Volunteer cooks will have three opportunities in April to learn how to safely prepare food for large numbers of people. University of Maine Cooperative Extension in Cumberland County will present the Cooking for Crowds — Food Safety Training for Volunteer Cooks workshop from 9 a.m. to noon April 5, 13 and 28, at UMaine Regional Learning Center, 75 Clearwater Drive, Suite 104, Falmouth. The workshop offers up-to-date information about safely preparing, handling, transporting, serving and storing food 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 per-person fee includes materials; limited financial assistance is available. 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.

Stack quoted in Press Herald ‘Maine Gardener’ column

21 Mar 2016

Lois Berg Stack, an ornamental horticulture specialist with the University of Maine Cooperative Extension, was mentioned in the latest column in the [Portland Press Herald](#) “Maine Gardener” series. In the article, “Building a garden from scratch is scary,” the author recalls advice provided by Stack during her landscape design class. “The hardest landscape to design is a big, open space around a new house,” Stack said, adding that’s partly because you usually only do it once and there are a variety of factors to consider. “Good landscapes are functional. They solve problems,” Stack said in the course. “They are sustainable, ecology-based without compromising any future owner from getting the full benefits of the land.”

Ellsworth American publishes op-ed by Curran

21 Mar 2016

[The Ellsworth American](#) published the opinion piece, “The return of the ‘Know-Nothings?’” by Hugh Curran, who teaches courses in Peace and Reconciliation Studies at the University of Maine.

Judd speaks with Press Herald about Year Without a Summer

21 Mar 2016

Richard Judd, the McBride Professor of History at the University of Maine, spoke with the [Portland Press Herald](#) for the article, “More than 200 years later, Maine still feels a chill from the Year Without a Summer.” In April 1815, Indonesia’s Mount Tambora had one of the most powerful volcanic eruptions in recorded history, according to the article. The eruption released tons of sulfur dioxide into the stratosphere, which became a layer of sulfuric acid that eventually covered the planet and is widely understood to have caused in 1816 the Poverty Year, or Year Without a Summer, the article states. “On the coast, we were very much into a commercial economy. Up the rivers, there was a local barter and exchange economy,” said Judd, who has examined that period in Maine history. Away from the coast and towns that grew up along the Kennebec and Penobscot rivers, most of the territory was considered frontier and most of the farmers were subsistence farmers, the Press Herald reported. The possibility that the freakish weather might become the new normal and mean the end of farming in Maine caused many families to move to Ohio in search of better agricultural conditions. “They left in droves,” Judd said.

School of Economics study cited in BDN article on Maine’s craft beer boom

21 Mar 2016

A 2013 study conducted by the University of Maine School of Economics was cited in the [Bangor Daily News](#) article, “Craft beer boom challenges Maine’s antiquated alcohol laws.” The article states that according to the study, breweries across Maine employ about 1,500 people, source hops and grains locally, and attract [beer tourists](#) to the state. [WGME](#) (Channel 13 in Portland) also carried the BDN report.

WVII interviews Camire about wild blueberries, memory loss

21 Mar 2016

[WVII](#) (Channel 7) interviewed Mary Ellen Camire, a University of Maine professor of food science and human nutrition and past president of the Institute of Food Technologists, for a report about how eating wild blueberries could combat memory loss. According to the report, a new University of Cincinnati study that was conducted on older adults with memory problems suggests wild blueberries may help in the fight against Alzheimer’s disease. Camire said the antioxidants in the berries are responsible for providing the health benefits.

Bayer, Steneck quoted in Press Herald article on Sweden’s proposed lobster ban

21 Mar 2016

Robert Bayer, executive director of the University of Maine's Lobster Institute; and Robert Steneck, a leading marine biologist at UMaine's School of Marine Sciences, spoke with the [Portland Press Herald](#) for an article about Sweden wanting the European Union to put Maine lobster on its international list of invasive species. The ban would stop all live lobster exports to its 28 member nations, according to the article. If approved, the ban would cost the U.S. lobster industry about \$150 million a year, including a loss of more than \$10 million in Maine, the article states. Bayer said there is no scientific basis for Sweden's proposed ban. "I think what they're saying, for the most part, is incorrect," he said, adding Swedish officials have expressed concerns about the spread of three diseases: epizootic shell disease, gaffkemia or "red-tail," and white spot syndrome. Bayer said shell disease is a noncontagious bacterial infection, red-tail is no longer present in the American lobster population, and white spot syndrome only affects shrimp, not lobsters. "The most demographically important disease is the shell disease, but it requires water temperatures warmer than about 65 degrees (Fahrenheit)," Steneck said. "Europe's summer water temperatures are cooler than ours — typically about 53 degrees — so it is very unlikely that the disease would take hold in the eastern North Atlantic." Bayer also spoke about the topic on WRKO AM 680: The Voice of Boston and was quoted in articles by [The Wall Street Journal](#), [Ellsworth American](#), [The Christian Science Monitor](#) and Canadian Press. The Canadian Press report was published by [680 News](#) and [CBC News](#), as well as cited by [PRI's The World](#).

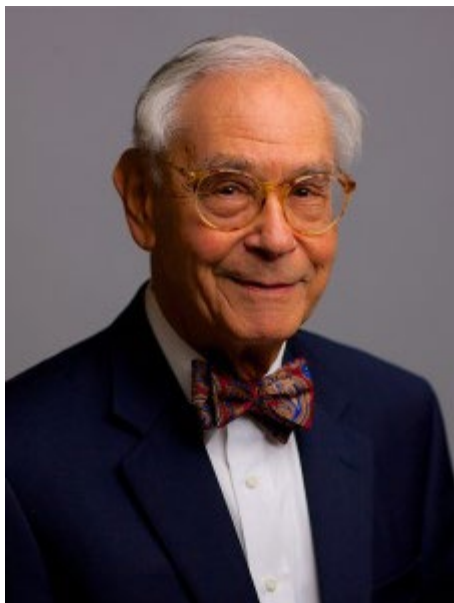
Ambassador Pamela White to give UMaine Commencement address, to receive honorary degree with community leader Leonard Minsky

21 Mar 2016



United States diplomat Pamela White, the former ambassador to Haiti and The Gambia, will deliver this year's Commencement address at the University of Maine on May 14. She and another UMaine alumnus, Leonard Minsky, community leader and retired president of Superior Paper Products Inc., will be awarded honorary doctorates as part of UMaine's 214th Commencement. White, a native of Auburn, graduated from UMaine in 1971 with a degree in journalism and began a decades-long career in public service across the globe. She spent the first two years as a Peace Corps volunteer in Cameroon, then earned a master's degree at the School for International Training in Vermont in 1974. In 1999, she also earned a master's degree in national resource strategy from the Industrial College of the Armed Forces. White joined the U.S. Agency for International Development (USAID) in 1978 and was assigned to West Africa for two years. As a USAID deputy executive officer, she served in Senegal and Haiti; as an executive officer, she served in Haiti, Egypt and South Africa. From 1999 to 2001, White was deputy director for East Africa in Washington, D.C., coordinating the delivery of much-needed food to Ethiopia and Eritrea, helping develop a six-year Ugandan strategy, and overseeing the expansion of programs in the Sudan and Congo. She then headed to Mali as deputy and mission director for USAID. Her leadership is credited with tripling the number of girls in primary school, doubling the percentage of children receiving vaccinations and increasing the number of elected

women leaders by 200 percent. For her exemplary work, White was awarded Mali's highest distinction — the Knight of the National Order of Merit. For two years, White was mission director in Tanzania, where she directed a \$130 million aid program focused on HIV/AIDS prevention, malaria control, primary education, conservation of natural resources and control of corruption. During that time, confirmed cases of malaria were reduced by 85 percent. In 2008, White went to Liberia as a mission director to implement USAID's second-largest development budget in Africa. Two years later, she was named the ambassador to The Gambia. After two years, White was named ambassador to quake-ravaged Haiti. White holds the rank of career minister with the senior Foreign Service. For her lifetime achievements, White was awarded the Bernard Lown '42 Humanitarian Award from the University of Maine Alumni Association. Today, she



makes her home on Orrs Island. UMaine's second honorary degree recipient, Leonard Minsky of Bangor, Maine and Sanibel Island, Florida, graduated Phi Beta Kappa from UMaine in 1950 with a degree in business administration. He is an honorary member of the UMaine Class of '44. Minsky was a staff officer in the U.S. Merchant Marine in World War II, and spent 42 years as owner and president of Superior Paper Products Inc., a wholesale distribution firm. He was a founding member and past board chair of Network Services Company of Schaumburg, Illinois. He is a former director of Northeast Bank and Bancorp, and Merrill Merchants Bancshares of Bangor, and former chair of the Maine State Chamber of Commerce. He served as president for the Bangor Historical Society, Jewish Community Council and the Bangor Lions Club. His leadership in Maine also includes serving on the boards of the Maine Community Foundation, University of Maine Alumni Association, and UMaine's Board of Visitors, as well as chair of the President's Development Council, and as a life member of the University of Maine Foundation. Minsky chaired the city of Bangor's Bicentennial Committee. Minsky is an advisory board member of UMaine's School of Policy and International Affairs, and founder of the Bangor Foreign Policy Forum. He also served for 30 years as chair of UMaine's Patrons of the Arts. Leonard and his wife, Renee, are longtime champions of the visual and performing arts, including the establishment of an endowed fund at the UMaine School of Performing Arts, and an endowed arts education fund at the Maine Community Foundation benefiting Maine public school students. At the state's flagship university, the couple has made naming gifts for the Leonard and Renee Minsky Music Recital Hall in the Class of 1944 Hall, home of the School of Performing Arts, and the Hudson Museum's Minsky Gallery in the Collins Center for the Arts, and established endowments to sustain both. The Minskys' recent philanthropic contributions in the community include naming gifts to Eastern Maine Medical Center and Bangor Public Library. For their vision and generosity that have enhanced and advanced the arts, education and health care in Maine, the couple has received numerous awards through the years, including the fourth annual Vincent A. Hartgen Award in 2003 and a 2012 Stillwater Presidential Award, both at UMaine. Leonard Minsky also received the 1998 Norbert X. Dowd Award from the Bangor Region Chamber of Commerce and the Black Bear Award from the University of Maine. Contact: Margaret Nagle, 207.581.3745

Ocean technology in New England and Atlantic Canada the focus of April conference at UMaine

22 Mar 2016

Ocean technology in New England and Atlantic Canada will be the focus of a conference at the University of Maine

April 27–28, organized by UMaine's Canadian-American Center and the Maine International Trade Center. The conference will bring together researchers, business leaders and policymakers in ocean technology and strategy to promote a network of collaboration. The goal is to facilitate the integration of research, product development and technology transfer opportunities in the growing ocean technology sectors in New England and Atlantic Canada. Ocean technology sectors include companies, institutions, and organizations dedicated to ocean and marine technology, education, training, research, promotion, delivery and application. The two-day conference begins with a reception and dinner April 27, followed the next day with four sessions on marine food and aquaculture; offshore energy and marine infrastructure; ocean observation and science; and marine transportation and collaboration to build the green ship of the future. Speakers are expected to include Barry Costa-Pierce, University of New England Marine Science Center; Paul Anderson, Maine Sea Grant; Michael Szemerda, Cooke Aquaculture; Sebastian Belle, Maine Aquaculture Association; Nate Johnson, Ocean Renewable Power Company; Habib Dagher and Krish Thiagarajan, UMaine Advanced Structures and Composites Center; Bruce Colbourne, Department of Ocean and Naval Architectural Engineering, Memorial University; Erin Donahue, Consulate General of Canada; John Henshaw, Maine Port Authority; and Dana Eidsness, Maine North Atlantic Development Office. A tour of UMaine's Harold Alfond W² Ocean Engineering Laboratory at the Advanced Structures and Composites Center concludes the conference. "Ocean Technology in New England and Atlantic Canada: Promoting a Network of Collaboration" is open to the public. The cost is \$50 per person and registration is available [online](#). Event sponsors include TD Bank, the Canadian Consulate in Boston and Maine Sea Grant. Contact: Margaret Nagle, 207.581.3745

School of Biology and Ecology, Career Center among latest programs to debut new website

22 Mar 2016

The [School of Biology and Ecology](#) and [Career Center](#) are among the latest programs to upgrade to the university's new website template. The [Department of English](#), [Bachelor of University Studies](#) and [Board of Visitors](#) 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.

UMaine Extension offers 'Signs of the Seasons' training

22 Mar 2016

University of Maine Cooperative Extension will offer multiple training sessions to those interested in identifying and recording seasonal changes in their communities in support of understanding Maine's changing climate. Volunteers of all ages are invited to become citizen scientists through trainings offered around the state between now and the end of June. New this year, a subset of trainings will focus on observing loons, as well as 18 other indicator species. "Signs of the Seasons" will be available 6–8 p.m. March 24 at Thomas Memorial Library, Cape Elizabeth; 4–6:30 p.m. April 7 at Audubon Gilsland Farm, Falmouth; and 9:30 a.m.–noon April 28 at Coastal Maine Botanical Gardens, Boothbay. Additional training dates and locations are being scheduled. Trainings with an emphasis on loon populations will be offered in partnership with Maine Audubon as follows:

- 4–6:30 p.m. April 11, UMaine Extension Knox-Lincoln office, Waldoboro
- 4–6:30 p.m. May 23, Lakes Environmental Association, Bridgton
- 4–6:30 p.m. May 25, Central Maine Community College, Auburn; hosted by Stanton Bird Club
- 4:30–7 p.m. June 8, UMaine Extension Hancock office, Ellsworth
- 4–6:30 p.m. June 29, Maine Lakes Resource Center, Belgrade

"Signs of the Seasons" is a 6-year-old University of Maine Cooperative Extension and Maine Sea Grant program that looks at phenology, the study of seasonal changes, which can help illuminate the local effects of a changing climate. In hands-on training, participants will learn how to identify and record changes in plants and animals found in their own backyards, schoolyards and other favorite outdoor locations. Information collected by participants contribute to an online database hosted by the National Phenology Network. All trainings are free; registration is required and available [online](#). For more information or to request a disability accommodation, contact Pam Doherty at 832.0343, pamela.doherty@maine.edu.

Media report on Pro Day with NFL scouts

22 Mar 2016

[Portland Press Herald](#), [92.9FM The Ticket](#), [Bangor Daily News](#), WVII (Channel 7) and WABI (Channel 5) reported on the University of Maine's football Pro Day. Two former Black Bears and seven outgoing seniors auditioned for 10 NFL scouts during the team's annual event, media reported. Among the hopefuls was Westbrook native Trevor Bates, according to the [BDN](#) and Press Herald.

Mount Desert Islander advances Borns' ice age talk in Bar Harbor

22 Mar 2016

Mount Desert Islander reported Hal Borns, professor emeritus with the University of Maine Climate Change Institute and School of Earth and Climate Sciences, will speak about whether the Earth is still in an ice age during the next Acadia Senior College Food for Thought event at Birch Bay Village in Bar Harbor. Borns will speak at noon Friday, March 25. "We are in the latest of the many warm interglacials, and we were well on the way into the next glacial cycle when the man-induced (I believe) global warming set in, putting a damper on the cooling trend," Borns said. "Here is our dilemma: If we reverse the global warming, will we then put ourselves back onto the interrupted cooling trend leading to the next glaciation? Which is worse for humanity?" The event is open to the public. The lecture is free, and a hot buffet lunch for \$11 is available at 11:30 a.m. Reservations are required, and can be made by contacting the Acadia Senior College at 288.9500 or learn@acadiaseniorcollege.org.

Sun Journal cites UMaine Extension soil testing services in response to reader's question

22 Mar 2016

The University of Maine Cooperative Extension was included in an answer to a [Sun Journal](#) reader's question about acidic soil in the garden. According to the article, adding compost to your garden can help regulate the soil pH and provide valuable nutrients to encourage plant growth, however it's important to test the pH of the compost first. UMaine Extension offers laboratory services at reasonable prices, the article states, adding it also is a great source for advice on other gardening problems.

WLBZ interviews Garland about spring plants

22 Mar 2016

Kate Garland, a horticulturist with the University of Maine Cooperative Extension, spoke with WLBZ (Channel 2) for the report, "Nurseries and garden shops itch for spring." According to the report, nursery owners who opened early are hoping this past snowstorm is the season's last. Even with the late March snow, Garland said Maine plants are hearty. "Plants are well adapted to our unpredictable seasons," she said. "What growth they are pushing this time of year tends to be hardier growth that's able to tolerate some of those late season cold snaps that we may get." Nitrogen found in snow may help fertilize plants as it melts in time for growing season, the report states. "Nitrogen is an essential element for plant growth," Garland said. "Late spring snowfall can bring it in time for the plants to start growing and having it at a time when they can use it up." Garland also said this is the perfect spring to prune trees and shrubs, since heavy snow isn't crushing limbs.

Innovate for Maine program matches interns with growing companies

22 Mar 2016

The University of Maine's Foster Center for Student Innovation is seeking motivated, innovative Maine companies that want to make a difference for the state through the Innovate for Maine Fellows program. The Innovate for Maine Fellows program connects the best and brightest Maine college students with the state's most exciting, growing

companies as a way to create and sustain jobs in Maine through innovation and entrepreneurship. The program, which is now accepting applications for companies, offers paid internships that place students with businesses to receive real-world job experience and training in innovation and entrepreneurship. Innovate for Maine interns are able to conduct tasks such as develop market research, write marketing messages and innovation descriptions, and run “fail fast, fail cheap” experiments, such as prototyping and sales forecasting. “There are a number of Maine companies developing new innovations that are eager for talented students who understand the innovation process,” says 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.” Trained innovation experts guide and mentor the student and 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) aims 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. The application deadline for companies is March 30. Fellows can work full or part time during the summer with the possibility of continuing part time during the academic year. More information and applications for the Innovate for Maine program are [online](#). Contact: Angela Marcolini, 581.1429

Tri Delta to re-establish Alpha Kappa Chapter at UMaine

23 Mar 2016

The University of Maine Panhellenic Council has selected Tri Delta to re-establish its Alpha Kappa Chapter at UMaine in the 2016–17 academic year. Tri Delta (Delta Delta Delta) will become the eighth National Panhellenic Conference organization on campus, joining Alpha Omicron Pi, Alpha Phi, Chi Omega, Delta Phi Epsilon, Delta Zeta, Phi Mu and Pi Beta Phi, as well as associate member Kappa Delta Phi National Affiliated Sorority, Inc. The Interfraternity Council at UMaine also currently recognizes 18 fraternities. Colonization details have yet to be announced, according to a Tri Delta news release. The local leadership of the chapter made the decision to close after the 2000–01 academic year. The decision was not prompted by any campus disciplinary action. Since 2006, sorority membership at UMaine has grown by more than 80 percent. The addition of Tri Delta will continue to add to the positive growth of the community. More information, including the full news release, is on the Tri Delta website.

UMaine, community invited to learn about Islamic faith and culture during week of events

23 Mar 2016

Members of the University of Maine and surrounding communities are invited to learn about Islamic faith and culture during a week of activities, March 28–April 2. Islamic Awareness Week events will be held on the UMaine campus, as well as at the Islamic Center of Maine, 151 Park St. in Orono. Activities including henna tattoos, Arabic name writing and hijab wrapping will take place Monday through Friday at the UMaine Muslim Students’ Association (MSA) table in the Memorial Union. The “Faith, Fear, & Freedom” themed week will end with two free keynote presentations. Jonathan Brown, the Alwaleed bin Talal Chair of Islamic Civilization in the School of Foreign Service at Georgetown University in Washington, D.C., will speak 5–7 p.m. Friday, April 1. Brown’s presentation, “The Message of Peace: Spread by the Sword?” will be held in the Bangor Room of the Memorial Union. Refreshments will be served. Nouman Ali Khan, a Muslim American speaker and world renowned Qur’anic scholar, will present “Cooperate in Matters of Goodness” from 5–7 p.m. Saturday, April 2 at the Islamic Center of Maine. Khan also is founder and CEO of Bayyinah, an organization that aims to make Arabic and Qur’anic studies accessible to the world. Khan’s talk also will be part of the seventh annual Islamic Center of Maine Open House. Refreshments featuring foods from around the world will be served. Limited seats are available and preference will be given to Greater Bangor area residents. Islamic Awareness Week is organized by the MSA, Islamic Center of Maine and the Honors College, with support from several UMaine programs.

Laurie Fullerton named 2016 Outstanding Classified Employee

23 Mar 2016

Laurie Fullerton, administrative support supervisor in the College of Engineering for 29 years, will receive the 2016 Outstanding Classified Employee Award. The annual award, presented by UMaine's Classified Employees Advisory Council, recognizes exceptional, dedicated service to the university. Recipients inspire others through dedication, commitment and work ethic; maintain the highest level of professional service; and provide outstanding service that helps create a better environment for employees, students and the UMaine community. The Outstanding Classified Employee Award will be presented at the Employee Recognition and Awards Ceremony, 11:30 a.m.–1 p.m. April 8 at Wells Conference Center. In the College of Engineering, Fullerton is the administrative support person overseeing academic affairs. She is a passionate advocate for undergraduates and is the first point of contact for many prospective students. Whether helping engineering majors register for their required classes or organizing tours for new students and their parents, Fullerton champions the College of Engineering. For countless alumni, Fullerton had a significant role in their UMaine student experience and academic success. Members of the College of Engineering community characterize her dedication to students as legendary. As a “fountain of knowledge” about UMaine's undergraduate program, Fullerton is a resource for administrators and support staffs in College of Engineering departments. In addition, her leadership has led her to be tapped for UMaine committees. Since its inception in 2014, Fullerton has served on the Provost's Committee on Retention and Student Success, where her ideas about best practices, new opportunities and resources to support students have contributed to the success of the initiative. Fullerton has been a member of the UMaine community for nearly 36 years.

Ph.D. candidate quoted in National Geographic blog post on community-supported fisheries

23 Mar 2016

Josh Stoll, a Ph.D. candidate in ecology and environmental sciences at the University of Maine, was mentioned in a post on the [National Geographic](#) blog, “Voices: Ideas and Insights from Explorers.” According to the article, “Community-supported fisheries: A better way to buy fish?” community-supported fisheries (CSFs) replace the typical seafood-purchasing model, which is largely based on importing seafood from other parts of the world, with one that is almost entirely local. CSFs are based on the same basic concept as community-supported agriculture, the article states. “Consumers know who caught their fish and when/where/how it was landed,” said Stoll, founder of LocalCatch.org, an online platform that connects American consumers with local fishers participating in CSF programs. Stoll said CSFs also facilitate communication between consumers and those who catch the fish they eat, which is “something that does not exist in the broader seafood economy where most product is detached from its history or its underlying socioeconomic or ecological implications.”

Fifteen UMaine faculty members receive tenure and/or promotion

23 Mar 2016

Tenure and/or promotion for 15 University of Maine faculty members has been approved by the University of Maine System Board of Trustees. 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 caliber of these faculty members reflects the breadth and depth of the world-class academic, research and engagement excellence at the state's flagship university," says Hunter. "Their nationally and internationally recognized contributions make a difference in our service in Maine and beyond, and in the educational experience we offer our undergraduate and graduate students." University of Maine Faculty Promoted and/or Tenured, 2015-16 **Promoted to Professor** *College of Education and Human Development*

- Richard Kent, Literacy Education

College of Engineering

- Zhihe Jin, Mechanical Engineering
- Paul Villeneuve, Electrical Engineering Technology

College of Liberal Arts and Sciences

- John Thompson, Physics

College of Natural Sciences, Forestry, and Agriculture

- Joseph Zydlewski, Fisheries Science

Maine Business School

- Stephanie Welcomer, Management

Promoted to Research Professor *College of Liberal Arts and Sciences* Marcella Sorg, Anthropology, Margaret Chase Smith Policy Center, Climate Change Institute **Promoted to Associate Professor with Tenure** *College of Engineering*

- John Allen, Electrical Engineering Technology
- William Manion, Construction Management Technology

College of Natural Sciences, Forestry, and Agriculture

- Amanda Olsen, Earth Science
- Michelle Smith, Biological Sciences, Maine Center for Research in STEM Education
- Timothy Waring, Social-Ecological Systems Modeling, Senator George J. Mitchell Center for Sustainability Solutions

Granted Tenure at Current Rank of Professor *College of Liberal Arts and Sciences*

- Anne Knowles, History

Granted Tenure at Current Rank of Associate Professor *College of Natural Sciences, Forestry, and Agriculture*

- Gayle Zydlewski, Marine Sciences

Promoted to Associate Extension Professor with Continuing Contract

- Jason Bolton, Cooperative Extension

Contact: Margaret Nagle, 207.581.3745

Explore the outdoors at UMaine Extension 4-H vacation camps

24 Mar 2016

University of Maine Cooperative Extension 4-H Camps and Learning Centers will host April vacation day camps in Lincolnville and Tenants Harbor from 8:30 a.m. to 3:30 p.m. Tuesday, April 19 through Friday, April 22. Campers at Tanglewood in Lincolnville, which is open to youth ages 4–12, take part in ecology-themed outdoor activities in the forest. Attendees at Blueberry Cove in Tenants Harbor, which is for children ages 8–12, explore the seashore and do team-building activities. Cost is \$155 per child. Register online by April 8. For more information, or to request a disability accommodation, contact Patti Chapman, 789.5868, patricia.chapman@maine.edu.

Distinguished Maine Policy Fellow David Bernhardt to visit campus April 6

24 Mar 2016

Margaret Chase Smith Distinguished Maine Policy Fellow David Bernhardt, Maine's Commissioner of Transportation, will visit the University of Maine on Wednesday, April 6. 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. Bernhardt was appointed as Maine's Commissioner of Transportation by Gov. Paul LePage and was sworn into office in February 2011. Bernhardt's career with the Maine Department of Transportation began in 1984. Before becoming commissioner, he served as MDOT's director of engineering and operations. Bernhardt will be honored with a reception from 4–5:30 p.m. at the University Club in Fogler Library. All are welcome to attend the event, no RSVP is required. The event is co-sponsored by the Margaret Chase Smith Policy Center and the Department of Civil and Environmental Engineering.

Media cover Virginia Tech shooting survivor's visit to UMaine

24 Mar 2016

[WLBZ](#) (Channel 2), [WABI](#) (Channel 5) and the Associated Press covered the University of Maine's Male Athletes Against Violence (MAAV) screening of the film "Living for 32" and discussion about gun violence with a survivor of the 2007 mass shooting at Virginia Tech. Colin Goddard was shot four times during the Virginia Tech incident. His 911 call brought police to the scene, where 32 people were killed. "Living for 32" is Goddard's story of that day and his subsequent role as an activist for stricter gun control laws as a volunteer for the Brady Campaign to Prevent Gun Violence. The [Maine Public Broadcasting Network](#) carried the AP report.

Waterville students learn from FoodCorps program, Morning Sentinel reports

24 Mar 2016

The [Morning Sentinel](#) reported a FoodCorps service member is working with students at the Albert S. Hall School in Waterville to encourage healthful eating and living. About 70 fifth-grade students recently took part in a farm-to-school taste-testing event that included a discussion with Nell Finnigan of Misty Brook Farm in Albion, which supplied the vegetables; and Sam McClean, a FoodCorps service member who has been working with the children since September, according to the article. FoodCorps is part of AmeriCorps, and service members work in schools and with educators and community leaders to help encourage children to eat good food and lead healthful lives. McClean, who will continue working at the school this year and next year, has been teaching the students about nutrition, engaging them in hands-on activities such as gardening and cooking, and ensuring them access to school meals created with produce from local farms, the article states. The University of Maine Cooperative Extension oversees the Maine FoodCorps, which is the state branch of the national program. The [Portland Press Herald](#) also published the article.

30th annual Maryann Hartman Awards to be presented April 5

24 Mar 2016

The 30th annual Maryann Hartman Awards at the University of Maine will celebrate the achievements of three Maine leaders — Maine Attorney General Janet Mills; calligrapher and book artist Nancy Ruth Leavitt of Stillwater, Maine; and Joyce Taylor Gibson, dean of the University of Southern Maine's Lewiston-Auburn College. The Young Women's Social Justice Award will be presented to Anabiri M. Benjamin, an advocate for disadvantaged and imprisoned youth. She is a junior from Westbrook, Maine currently attending Baxter Academy for Technology and Science. The Maryann Hartman Awards will be presented in a ceremony beginning at 5 p.m. April 5 at UMaine's Buchanan Alumni House. The event, which is free and open to the public, is sponsored by the Women's, Gender, and Sexuality Studies program at the University of Maine. The keynote address will be given by Maryann Hartman Award recipient and UMaine alumna Trish Riley, executive director of the National Academy for State Health Policy. The awards recognize Maine women whose achievements in the arts, politics, business, education, health care and community service provide inspiration for women. They honor the legacy of the late Dr. Maryann Hartman, an associate professor of speech communication who was a distinguished educator, feminist, scholar and humanitarian. Registration for the Maryann Hartman Awards ceremony is online. Contact: Margaret Nagle, 207.581.3745

Conference to focus on state of Penobscot watershed region

25 Mar 2016

Residents of the Penobscot watershed are invited to meet with scientists, researchers, business leaders, nonprofit organizations, fishermen and government representatives to discuss the state of the region past, present and future at the [Penobscot Watershed Conference](#), scheduled for April 8–9 at Point Lookout in Northport. “We wanted to bring together concerned community members for a conversation about sustainable economic development in the region —

development that protects or even enhances ecosystem functions while simultaneously providing high quality of life for all people in the Penobscot watershed,” said Stephen Miller, executive director of Islesboro Islands Trust and chair of the conference planning committee, which includes representatives from 16 Maine organizations, including Maine Sea Grant and University of Maine Cooperative Extension. The conference will open with a ceremony by Butch Phillips of the Penobscot Nation and remarks by Penobscot Nation Chief Kirk Francis, Curt Spaulding of the Environmental Protection Agency Region 1 Office, and U.S. Rep. Chellie Pingree. UMaine professor and marine biologist Robert Steneck will give a keynote presentation about Penobscot Bay. The presentation will be followed by six concurrent workshops on the themes of maritime heritage and industry, watershed economy, indicators of environmental health, collaborations, recreation and tourism, and environmental policy issues. The workshops will feature presentations and panel discussions by more than 70 experts from the watershed and beyond. On Friday, April 8, the Island Institute and other members of the conference planning committee will show the film, “The Great Bear Sea: Reflecting on the Past — Planning for the Future,” as part of the Ocean Frontiers film series. More information, including a draft conference program and registration, is on Maine Sea Grant’s [website](#).

Tractor and farm safety classes in Maine

25 Mar 2016

With spring’s arrival, University of Maine Cooperative Extension is offering farm and tractor safety classes in cooperation with equipment dealers throughout the state. Originally designed for teenagers to learn how to operate farm equipment as part of their employment, the program now includes instruction for beginning farmers and new tractor owners who want to learn how to safely operate equipment. While farm equipment has become safer over the years, knowing how to operate and maintain tractors and implements is critical in helping to avoid accidents, which are numerous and can be fatal. Often farms use older equipment without many of today’s safety features, making safe operation essential to protecting employees and family members. More information, including class locations, is available [online](#) or by calling 342.5971.

Johnson speaks with WAGM about new potato bacteria

25 Mar 2016

Steve Johnson, a crops specialist with the University of Maine Cooperative Extension in Presque Isle, spoke with [WAGM](#) (Channel 8 in Presque Isle) about Dickeya, a bacterial pathogen that’s threatening Maine seed potatoes and causing crop loss. Johnson said the bacteria is an increasing problem that needs to be dealt with immediately, according to the report. “How can we manage it? If we know how it moves, where it comes from, how it spreads in handling, we can develop management practices to deal with it, and doing the research is the first step with this,” Johnson said, citing recent funding awarded to UMaine and other research institutions for advancing the technology in detecting, diagnosing and controlling Dickeya through survey, genetic and molecular investigation. “It simply just takes a lot of boots on the ground to do this — in the dirt, in the soil, in the field, in the lab,” he said.

Sorg cited in Current article on remains found at unmarked burial site

25 Mar 2016

Marcella Sorg, a research professor at the University of Maine, was mentioned in the Current article, “Remains of three people found in unmarked, 1800s burial site in Scarborough.” Construction workers at a house lot found the unmarked graves of three people while digging the home’s new leach field last month, according to the article. With the help of Sorg, a board-certified forensic anthropologist who consults with the state medical examiner’s office, it was determined

that the bones are from the early 1800s, when it was common to bury deceased relatives on family land, the article states. Sorg said it's unlikely she will be able to determine the exact ethnicity or time of death, but she thinks the bones are from the 19th century. She said she also believes the remains are male and that the wood fragments intermixed with the bones were likely from their coffins.

Bustle quotes Blackstone in article on body confidence

25 Mar 2016

Amy Blackstone, a sociology professor at the University of Maine, was quoted in the [Bustle](#) article, "Body positivity needs to talk about combating the harmful effects of fat discrimination." The article cited a recent interview Blackstone gave to [Broadly](#) about why plus-size women are discriminated against in interviews and their careers. "For women, being thin means taking up less space, something that is expected of women both literally and symbolically," she told the publication.

Rural Living Day advanced in BDN

25 Mar 2016

The [Bangor Daily News](#) previewed the 22nd annual Rural Living Day slated from 9 a.m. to 3 p.m. Saturday, April 2 at Mount View High School in Thorndike. The University of Maine Cooperative Extension and the Waldo County Extension Association are hosting the event that will include workshops on topics such as building small homes, baking bread, birding, pasturing chickens, plant propagation, making maple sugar and candy, and growing berries in Maine. "All our topics are awesome," said Caragh Fitzgerald, a UMaine Extension educator and professor of agriculture. "It's a great day. There are always really interesting topics, and it's a good chance for people to catch up with gardening friends. I just really enjoy the diversity of it all." Fitzgerald will share tips on extending the gardening season, an idea she said recently has been taking root in Maine, where gardeners contend with a shorter season than their counterparts in warmer states, according to the article. "People are trying to find ways to get more produce out of the growing season," she said. Vina Lindley, a food systems/youth development professional with University of Maine Cooperative Extension in Waldo County, also visited the WABI (Channel 5) studio to speak about the event.

4-H STEM Ambassador program focus of Morning Sentinel report

25 Mar 2016

The [Morning Sentinel](#) reported on a new collaboration between the University of Maine at Farmington, University of Maine Cooperative Extension's 4-H Youth Development Program and participating Regional School Unit 9 classrooms. The STEM Ambassadors program aims to have UMF students majoring in education or a STEM-affiliated major go into RSU 9 classrooms to teach science, technology, engineering and mathematics (STEM) lessons, according to the article. UMF's inclusion in the community outreach program that is offered at other University of Maine campuses began in February, the article states. The STEM ambassadors, through the 4-H program, are provided with lesson plans, worksheets and materials needed for classroom activities for each lesson.

Coffin speaks about Livestock 101 Field Day on WABI

25 Mar 2016

Donna Coffin, a University of Maine Cooperative Extension educator and professor, visited the WABI (Channel 5) studio to talk about Livestock 101 Field Day set for Saturday, April 2 at the UMaine J. Franklin Witter Teaching & Research Center in Old Town. Basic practices appropriate for small-scale livestock producers and 4-H project leaders will be the focus of the event from 11:45 a.m. to 3:15 p.m. The free public program will demonstrate hands-on methods for those starting out or thinking about raising livestock. "I work with a lot of new farmers or wannabe farmers and many times they want to be involved with livestock and they've never had any livestock experience before," Coffin said. "So we're trying to cover some of the basic things like, how do you take their temperature? How do you tell when they're well? How do you take their pulse? How do you hold them?" Speakers will include staff from program co-

sponsors UMaine Extension; UMaine School of Food and Agriculture; the Maine Department of Agriculture, Conservation and Forestry; and the Maine Organic Farmers and Gardeners Association.

BDN covers first Pulitzer Week talk in Bangor

25 Mar 2016

The [Bangor Daily News](#) reported on a presentation by Pulitzer Prize-winning journalist Amy Ellis Nutt of The Washington Post. Nutt, a health and science reporter and author of “Becoming Nicole,” spoke at the Bangor Public Library as part of Pulitzer Week. To celebrate 100 years of the Pulitzer Prizes, the University of Maine’s Department of Communication and Journalism, along with the Bangor Public Library, will host three winners of journalism’s top award throughout March 24–31. The guests will visit UMaine journalism classes, as well as lead public presentations on campus and at the library. The 2011 award winner spoke about her latest book, which is a true story of a transgender girl who grew up in Orono, her identical twin brother, her family’s fight against discrimination and their journey to understand, nurture and celebrate the uniqueness in every person, according to the article.

Mnozil Brass to meld music, humor at CCA

28 Mar 2016

Mnozil Brass, often called the “Monty Python of the music world,” will perform at 4 p.m. Sunday, April 10, at the Collins Center for the Arts at the University of Maine. The seven-member ensemble features talented musicians who earn a living by not taking themselves too seriously. Thomas Gansch, Robert Rother, Roman Rindberger, Leonhard Paul, Gerhard Fussl, Zoltan Kiss and Albert Wieder will meld impeccably accomplished musical performances with humor in their new show, “Yes, Yes, Yes.” In 1992, the men founded Mnozil Brass, which takes its name from Gasthaus Mnozil, a tavern across the street from the Conservatory in Vienna where they met and played at a regular open mic night. Each year, the brass ensemble performs about 130 shows around the world. Its repertoire of folk, classical, jazz and pop is for all ages and is executed with fearlessness, technical skill and sarcastic charm. Dead River is the show sponsor. For more information and tickets, which are \$19 for students and from \$29 to \$34 for adults, including all fees, visit the CCA [website](#).

Fogler Library to host Human Dimensions of Climate Change Film Series screening

28 Mar 2016

Fogler Library will host a screening March 29 as part of the Human Dimensions of Climate Change Film Series. “This Changes Everything” will be shown at the library beginning at 6 p.m. Following the film, a discussion will be facilitated by Robert Glover, an assistant professor of political science and Honors at the University of Maine and cooperating faculty in the Margaret Chase Smith Policy Center. Filmed over 211 shoot days in nine countries and five continents over four years, “This Changes Everything” is an attempt to re-imagine the vast challenge of climate change, according to the film’s [website](#). Fogler Library has a suite of resources related to the film series, which is jointly sponsored by the library; Climate Change Institute; and the UMaine departments of anthropology, communication and journalism, and political science. For more information about the series, contact Jen Bonnet, jenbonnet@maine.edu.

Sun Journal previews open house for Auburn community garden

28 Mar 2016

The [Sun Journal](#) reported the Auburn Community Garden Initiative will hold an open house for its first community garden on Webster Street. The garden is a collaborative effort among the city, St. Mary’s Nutrition Center; the National Park Service Rivers, Trails, and Conservation Assistance program; the University of Maine Cooperative Extension; and the Androscoggin Land Trust, according to the article. The initiative aims to build at least three community gardens across the city over the next three to five years, the article states.

Registration open for Penobscot Watershed Conference, Republican Journal reports

28 Mar 2016

[The Republican Journal](#) reported residents of the Penobscot watershed are invited to meet with scientists, researchers, business leaders, nonprofit organizations, fishermen and government representatives to discuss the state of the region past, present and future at the [Penobscot Watershed Conference](#), scheduled for April 8–9 at Point Lookout in Northport. UMaine professor and marine biologist Robert Steneck will give a keynote presentation about Penobscot Bay. The presentation will be followed by six concurrent workshops on the themes of maritime heritage and industry, watershed economy, indicators of environmental health, collaborations, recreation and tourism, and environmental policy issues. The workshops will feature presentations and panel discussions by more than 70 experts from the watershed and beyond. More information, including a draft conference program and registration, is on Maine Sea Grant's [website](#).

Mount Desert Islander advances Sader's forest mapping talk in Bar Harbor

28 Mar 2016

Mount Desert Islander reported Steve Sader, a professor of forest resources and director of the Maine Image Analysis Laboratory at the University of Maine, will discuss "Mapping and Monitoring 40-plus Years of Forest Change in Maine's North Woods" at 5:30 p.m. April 6 in Bar Harbor. Sader will speak as part of MDI Science Café at McKay's Public House. The talk will address NASA and UMaine initiatives that use satellite imagery to manage Maine's forest landscape, according to the article. Sader will discuss methods for monitoring forest sustainability across large landscapes, addressing such issues as estimating forest biomass, assessing vulnerability to an outbreak of spruce budworm, monitoring conservation easements and evaluating the impact of harvest and regeneration patterns, the article states.

Sturm demonstrates science of baseball on WVII

28 Mar 2016

David Sturm, an instructional laboratory and lecture demonstration specialist at the University of Maine, visited the studio of [WVII](#) (Channel 7) for an installment of "Science with Sturm." To mark the start of baseball season, Sturm demonstrated the science behind spin and drag.

Bennett-Armistead quoted in Public News Service report on video learning series

28 Mar 2016

Susan Bennett-Armistead, a professor of literacy education at the University of Maine, was quoted in a [Public News Service](#) report about a video learning series that claims to help infants read and learn. Bennett-Armistead said videos lack the ability to interact and provide the human contact that is vital to early learning. "So, if I'm reading to my baby, I'm looking at her face," she said. "I might notice that she's maybe drifting in her attention, so I'm going to make my voice a little louder or a little quieter, or I'm going to do something to regain her attention. And a video is static, it can't respond in those same ways." Bennett-Armistead said Maine is ranked among the top states in the nation for parents reading aloud to children, and added it doesn't require a big investment, as books can be checked out from the local library.

WABI covers MBS Corps basketball tournament to benefit Bangor Humane Society

28 Mar 2016

[WABI](#) (Channel 5) reported on the "Nets for Pets" basketball tournament held at the University of Maine to benefit the Bangor Humane Society. The MBS Corps, the Maine Business School's community outreach organization, organized the tournament that was held at the New Balance Student Recreation Center. Registration was \$15 per team of three, and donations were accepted. The tournament raised almost \$200 for the humane society, according to the report. In

addition, organizers said the event was a way to raise awareness of what the MBS Corps does for the community, the report states. "It really brings the student body together," said MBS Corps member Anna Bolduc. "It helps get different majors involved and some people you'd never meet. I've made a lot of new friends doing MBS Corps and I've made a lot of new friends today getting involved in things like this."

Crandall cited in Morning Sentinel article on state's forest products industry

28 Mar 2016

Mindy Crandall, an assistant professor of forest landscape management and economics at the University of Maine, was cited in the [Morning Sentinel](#) article, "Maine's forest products industry weathering paper industry woes." Despite a recent series of paper mill closings, the forestry industry remains an important part of Maine's economy, according to the article. Some area forest products manufacturers and experts are hopeful that the sector will continue to thrive, despite the recent hits to the paper industry, the article states. Maine also could benefit from expanding its markets for biomass and renewable energy, Crandall said. Biomass is a viable market for low-grade material — trees that are too small to be used for saw timber or trees that may not be a good species for wood products — but that can be used to create energy, the article states. Eliminating that material from the forest is critical to sustainability practices, according to Crandall, and it frees up the forest for bigger, healthier trees to grow for lumber and other uses. Crandall added that ensuring Maine's forest products sector remains viable also means continuing to invest in the state's remaining paper mills. The [Portland Press Herald](#) also published the article.

UMaine digital humanities research on the Holocaust receives NEH grant

28 Mar 2016

A University of Maine-led digital humanities research project to study and, ultimately, "map" how Holocaust survivors use spatial terms to describe their experiences has been awarded a more than \$73,000 grant from the National Endowment for the Humanities. UMaine Professor of History Anne Knowles was awarded the NEH Digital Humanities Start-Up Grant for the project, "Visualizing Spatial Experience in the Holocaust." It was one of three NEH grants awarded in Maine, part of the \$21.1 million in new NEH grants for 248 projects focused on research, education, preservation and public programs in the humanities. Spatiality refers to experiences, both lived and imagined, that are embedded in space and time. In the Holocaust, two kinds of spatiality operated simultaneously — the spatiality of Nazis and of their victims. The Nazis created and destroyed many places in order to carry out the Holocaust. Their victims also shaped places to the extent they could. Both groups experienced the places of the Holocaust and endowed them with meaning, significance and emotion. "Maintaining the complexity of these spatial perspectives is essential to a full understanding of the geographies of the Holocaust," said the seven-member research team in its proposal. "Our long-term goal is to develop historical-geographical methods to visualize, analyze and integrate the complex spatial interactions between and among perpetrators and victims of the Holocaust, including built, planned and experiential landscapes." Knowles is considered a pioneer in applying GIS to history. She has edited several books on historical GIS, including "Geographies of the Holocaust" in 2014, and is an internationally recognized leader in the digital and spatial humanities. Her many awards include a 2012 American Ingenuity Award for Historical Scholarship from Smithsonian Magazine and a 2015 Guggenheim Fellowship. In her digital humanities research, Knowles has studied the spatiality of Nazi plans and actions by building historical geographic information system (GIS) data sets of concentration and labor camps, creating new mappings of the spatial implementation of the Holocaust. In the new project, Knowles and her research team will develop a new hybrid methodology to study the spatial, experiential content of survivor testimony in video interviews and transcripts. The project will employ computational linguistics and natural language processing techniques to study testimonies from the University of Southern California's Shoah Foundation Center collection and other archival sources. "We want to push the boundaries of spatial textual analysis to capture not just topographical references such as place names, but topological references to important places, spaces and spatial relationships that cannot be expressed as proper nouns, such as 'home,' 'in the barracks,' 'by the road.' This will contribute an important new dimension to spatial understanding, not just of the Holocaust, but of the phenomenology of experience," the researchers noted in their proposal. This project could be a first step toward development a methodology to enable close, comprehensive analysis of the spatialities of human experience at the scale of significant historical events, such as the Holocaust, the researchers say. Contact: Margaret Nagle, 207.581.3745

Maine sustainability issues focus of annual conference

28 Mar 2016

From sessions on climate change and extreme weather events to dams, safe beaches and shellfish, and building sustainable food systems, the [2016 Maine Sustainability & Water Conference](#) will feature an expanded agenda on topics affecting the state, region, country and globe. The Senator George J. Mitchell Center for Sustainability Solutions at the University of Maine will host this year's event from 8:30 a.m. to 4 p.m. Tuesday, March 29 at the Augusta Civic Center. The conference will feature 16 sessions on sustainability and water resource topics, a poster exhibition, and a plenary session featuring keynote speaker Carol Collier, Senior Advisor for Watershed Management and Policy at Drexel University's Academy of Natural Sciences. During her talk, "Bridging the Gap Between Science and Policy: Lessons Learned from the Delaware River Watershed," Collier will share her experiences from more than 15 years at the Delaware River Basin Commission and her current work on the Delaware River Watershed Initiative. "This is a great opportunity to take stock of the many challenges facing Maine," says David Hart, director of the Senator George J. Mitchell Center for Sustainability Solutions. "It is at gatherings like these where great ideas are born and where creative partnerships are formed in the search for sustainable solutions." One of the largest environmentally related conferences in Maine, the event draws presenters from universities, all levels of government, private companies, national organizations and nonprofit agencies. The annual event was founded in 1994 by the Mitchell Center as a forum for the exchange of information and presentation of new findings on water resource issues in Maine. In 2014, the conference expanded its focus to become the Maine Sustainability & Water Conference, creating a joint spotlight on water resources and sustainability. More information about the conference is available [online](#) or by contacting David Sims, 581.3244, david.sims@umit.maine.edu.

Liz Wood: On course and full speed ahead

28 Mar 2016

When Liz Wood was young she sped up and down her Virginia driveway in her battery-powered Barbie Jeep. The 22-year-old biology major with a premed concentration and captain of the women's basketball team is still a driving force. The last four years, two of her athletic goals included an America East conference playoff title and a ticket to NCAA March Madness. In 2016, the Black Bears came tantalizing close to both but fell one agonizing point short, 59–58, to UAlbany in the conference championship game. So instead of getting invited to the Big Dance, for the second straight season, UMaine settled for the WNIT. Upstart Quinnipiac promptly trounced the stunned senior-laden squad, 90–44. Despite the harsh not-the-way-it-was-supposed-to-end season ending, Wood's future will likely include more basketball — at the professional level — and more classes — in medical school. "Being a student-athlete has shaped me for the rest of my life," she says. And in 2012, Wood opted to attend UMaine for her educational and basketball experiences, in part, because she liked the direction coach Richard Barron had the Bears headed. "I chose UMaine for a couple different reasons. When I came on my visit and I talked to coach Barron and the staff, I just really loved the vision they had for me and the program," she says. "Maine is a beautiful state. I love the people. I love the campus. I really felt I could make a difference here." That she has. In 2012–13, her first season wearing a Maine blue uniform, the going was often tough for the 4–24 squad. In late February, after a bus transporting team crashed in Massachusetts, players, coaches and administrators opted to not compete in the AE Tournament. League coaches still recognized Wood's talents, choosing her as America East Co-Rookie of the Year. The next two campaigns, Wood and her teammates continued to develop. In 2013–14, when the squad catapulted to 17–16, Wood was named to the America East Second Team and America East All-Defensive Team. In 2014–15, the Black Bears took another leap. They added another half-dozen victories to the season total, finishing 23–9 and earning a share of the AE regular season title. Wood, then a junior, was named to the America East First Team and America East All-Defensive Team. She also was selected America East Co-Defensive Player of the Year America East Fans' Choice Pre & Post Season Player of the Year. And in 2015–16, when the Black Bears, who again were co-champions of AE regular season and finished 26–9, the inspirational leader was named to the AE second team, All-Defensive team and All-Academic team. The community was ripe for UMaine hoops to make a comeback, says Wood, a graduate of Liberty High School in Catlett, Virginia. Ready and appreciative. Fan support was tremendous on the Bears' new home court — the Cross Insurance Center in Bangor. More than 3,200 loyal followers cheered the squad during its 2016 Valentine's Day matchup with then-first-place Albany, which the Black Bears won 65–53. And on Senior Day — UMaine's last home regular-season contest — nearly 3,500 enthusiasts thanked the elite

eight for their efforts and results. The Black Bears responded, blasting Binghamton 69–37 to clinch a tie with UAlbany for the regular season AE title. While striving to continually improve and win the league championship, Wood says it was important for her to cherish each moment with her teammates. “We’ll never be together the same way again and I’m trying to soak it all up,” Wood said in February. “Basketball is one thing but the relationships I’ve created here with my teammates and my coaches, that’s the best part. That’s definitely unforgettable,” says Wood. Last summer, the Bears traveled to Italy to play international competition, bond and sightsee. The games, food and adventures with friends and family made for an extraordinary experience. “The word for that trip was ‘unreal,’” says Wood, laughing and recalling she ate Margherita pizza almost every meal. Wood refers to the team as “family” and says its cohesion and chemistry are special. “We always have each other’s back. At end of the day, we’re family. We care about each other so much and if we’re hard on each other we know it’s because we expect a lot of each other. That makes us even closer,” she says. To meet and exceed expectations, the players commit to a demanding, regimented schedule: wake up; eat breakfast; attend classes; participate in practice, which can include as many as four hours of film, lifting and drills; eat dinner; study; and go to bed. The routine has helped Wood shine. During the 2015–16 season, UMaine recorded 26 wins, one shy of the program’s single-season record. Wood posted her 23rd career double-double and garnered the program’s first-ever triple-double with 11 points, 13 boards and 10 assists. During the 35-game campaign, she averaged 9.4 points, 7.4 rebounds and 2.8 assists per game for the Black Bears. Through 127 games in four years, every single one of which she started, Wood poured in 1,462 points, hauled down 903 rebounds, dished out 364 assists, logged 282 steals and blocked 60 shots. And while she’s recognized as one of the best to ever play for the women’s program, she has earned as many kudos for her in-class academic prowess as she has for her on-court achievements. The Honors College student has a 3.95 GPA and has earned dean’s list status every semester. In March, she and teammate Sigi Koizar were named to the 2015–16 CoSIDA (College Sports Information Directors of America) Academic All-America Team. The summer after her sophomore year, Wood participated in a NASA-funded cancer biology internship project at Colorado State University. She explored whether radiation that astronauts experience in space may cause cancer that’s different than what afflicts people on Earth. In 2015, Wood received the Dean Smith Award, which recognizes a scholar-athlete who demonstrates outstanding academic and athletic achievement, citizenship and community service. She also was the 2015 America East Female Scholar-Athlete of the Year, is a two-time America East Women’s Basketball Scholar-Athlete of the Year and is a multitime selection to the America East Commissioner’s Honor Roll. Twice, Wood has earned the highest GPA in her class in the School of Biology and Ecology and has been a two-time finalist for the Women’s Basketball Coaches Association (WBCA) All-State Good Works Team for her impact in the community and classroom and on the court. Her dedication to excellence and tenacious work ethic were instilled early. “As soon as I was old enough to pick up a basketball, my mom [Jane] was out there with me. She was actually my first coach,” says Wood, who also has participated in volleyball, soccer, T-ball, figure skating, gymnastics and football. “My mom is probably the hardest worker I know. She’s always putting others before herself and I think I get that from her. And my dad, [Larry], he keeps it light. He’s really funny but he knows when to be serious and caring, too. So I think both of them I really look up to.” Wood isn’t sure exactly when she knew she wanted to be a doctor but it may have been when she was young girl mending her Barbie dolls; she says matter-of-factly that a couple of them lost their heads. What sealed the deal, though, was when she was a student at Liberty High School and watched a three-hour open-heart surgery while job-shadowing an orthopedic surgeon. “I was locked-in the whole three hours of the surgery,” she remembers. “I was fascinated. As an athlete, the human body has always fascinated me.” As has learning about how the body works and how it can be treated and healed. Wood credits the Honors College at UMaine with prodding her to think deeply about things that matter. Her Honors research, which is centered on preventing Type 2 diabetes, involves exploring nerve function, calories, energy expenditure and fat storage. She’s used to keeping a lot of balls in the air, so to speak. Handling multiple commitments has provided her with opportunities to hone her time management, communication and leadership skills as well as deal in a mature manner with setbacks and frustrations. A habit Wood began in the sixth-grade — tweeting — still serves her well. When she was a junior, she was voted by her peers as Social Media MVP of America East. Twitter, she says, has an important tool for players to use to be in contact with fans and raise awareness of the program. The handle she picked more than decade ago — [@DryyCountyGirl](#) — comes from what was her favorite Rascal Flatts song. Some of Wood’s favorites today — watching movies, especially “Hitch” with Will Smith; listening to The Zac Brown Band; eating raw red bell peppers and ice cream; and hiking with her dog, Molly. Wood shared recently via Twitter that her 2016 New Year’s resolution was to journal every day. “It’s really nice, it’s kind of the only thing I’d ever had that’s just my own. It’s not for anyone else or for an assignment. It’s for me to reflect on my day, my thoughts, what I’m feeling and to explore my own mind.” After a post-graduation trip to California with her senior teammates, she expects her near future to include pursuing a professional basketball career then attending medical school. “I want to do something I love and be good at it. I want to be happy and I want to be

competitive,” says Wood, who these days has traded in her Barbie Jeep for a 2005 Jeep Liberty. Contact: Beth Staples, 207.581.3777

Foster Center, SEANET debut new websites

29 Mar 2016

The [Foster Center for Student Innovation](#) and [Sustainable Ecological Aquaculture Network \(SEANET\)](#) are among the latest programs to upgrade to the university’s new website template. The [Aquaculture Research Institute](#), [Evolutionary Applications Lab](#), [Student Wellness Resource Center](#), [Children’s Center](#), Peace & Reconciliation Studies and [Maine Studies](#) also recently upgraded. The new umaine.edu and related pages debuted in summer 2015. For more information on the UMaine website conversion, contact Mike Kirby at mike.kirby@maine.edu or 581.3744.

UMaine to host ‘Power Dialog’ on state’s energy, climate policies

29 Mar 2016

The University of Maine will take part in “Power Dialog: Maine’s Energy Future,” an event that aims to engage students, faculty and staff at high schools, colleges and universities throughout Maine in a weeklong discussion with state officials about energy and climate policies. Organized locally by Unity College, UMaine and Maine Conservation Alliance, the Power Dialog is a nationwide, nonpartisan educational event focused on bringing students face-to-face with officials in 30 states, according to a Unity College news release. Faculty in each state will teach energy and climate policy in their classes, and students will then travel to Power Dialog sites to engage policymakers, the release states. The Maine Power Dialog event will be held from 2:30–4:30 p.m. Wednesday, April 6 at Wells Conference Center. State officials will present five- to 10-minute overviews of their roles in Maine’s energy policy, and describe how their efforts connect with regional and national climate plan developments. Their remarks will be followed by a facilitated Q&A session with students attending Maine’s Power Dialog classes. The April 6 event is free and open to college and high school students. Registration is [online](#). More information about “Power Dialog: Maine’s Energy Future,” including the full news release and agenda, is on the Unity College website.

WLBZ interviews Vice President Dana about anti-Semitic fliers sent to campus

29 Mar 2016

Robert Dana, vice president for student life and dean of students at the University of Maine, spoke with WLBZ (Channel 2) about anti-Semitic fliers that were sent to UMaine’s network-connected printers and fax machines. UMaine was among several universities across the country that received the fliers. A representative of the Anti-Defamation League said a neo-Nazi group appears to have hacked into school information systems in what might be a new tactic among hate groups, the [Portland Press Herald](#) reported. “Well, it’s certainly a new frontier — high technology and its ability. It’s different than putting a flier on a car or posting one,” Dana told WLBZ, adding the hateful messages will not be tolerated on campus and hopes in the coming weeks, the community can discuss how to move forward. “We’ll engage these difficult issues and have these difficult conversations because this allows our students to understand that they’re the change agent, they’re the people who can push back on this kind of hate,” said Dana, who also spoke with WABI (Channel 5). The Associated Press and [Bangor Daily News](#) also reported on the incident.

Gabe speaks with Sun Journal about Oxford Casino growth

29 Mar 2016

Todd Gabe, an economics professor at the University of Maine, was quoted in the Sun Journal article, “Oxford Casino grows bottom line, could see big year in 2016.” Players bet, on average, more than \$831,000 per slot machine at Oxford Casino in 2015, according to a new state report — up \$50,000 from the year before, the article states. Last year, more than \$710 million was wagered on Oxford Casino’s slots and more than \$431 million on Hollywood Casino’s slots in Bangor, according to the annual report of the Maine Gambling Control Board. Gabe, who in 2010 researched the economic impact of the then-proposed Oxford Casino, said he wasn’t surprised to see \$1.14 billion gambled at the two

casinos last year. His work was based on Oxford having 1,500 slot machines — part of the originally pitched resort experience — and he had forecast it could bring in even more gaming revenue, according to the article. “A lot of money goes through casinos anywhere,” Gabe said. “The experience in Bangor was when they increased the size of their facility and actually had a hotel, it was a substantial impact on the amount of gaming.” He said he expects the same effect when Hampton Inn opens across the street from the Oxford Casino this summer.

BDN reports on Islamic Awareness Week

29 Mar 2016

The [Bangor Daily News](#) reported members of the University of Maine and surrounding communities are invited to learn about Islamic faith and culture during Islamic Awareness Week, March 28–April 2. UMaine’s Muslim Students’ Association (MSA) and the Islamic Center of Maine, an Orono mosque, are sponsoring the seventh annual event, which culminates with two guest speakers, according to the article. “We aim to open our doors to our neighbors who do not share our faith, who may be skeptical of their Muslim neighbors and colleagues to have the opportunity to ask and express their concerns directly to the Muslims of this community in an open and safe environment,” said Omar Conteh, outreach coordinator for the Islamic Center of Maine. Jonathan Brown, the Alwaleed bin Talal Chair of Islamic Civilization in the School of Foreign Service at Georgetown University in Washington, D.C., will deliver “The Message of Peace: Spread by the Sword?” 5–7 p.m. April 1 in the Bangor Room of the Memorial Union. Nouman Ali Khan, a Muslim American speaker and world renowned Qur’anic scholar, will present “Cooperate in Matters of Goodness” from 5–7 p.m. April 2 at the Islamic Center of Maine. Other activities will include henna tattoos, Arabic name writing and hijab wrapping between 10 a.m. and 2 p.m. Monday through Friday at the MSA table in the Memorial Union. WABI (Channel 5) also reported on the events. “We’re not all that different,” said Waleed Rahmatullah, vice president of MSA. “You know, you may see us on TV and that may be your only view of what Islam might be. But there’s a whole other world to it, and if you get to talk to us, you get to make friends with us, we’re pretty cool people.”

Maine Home + Design publishes feature on Kinghorn, UMMA

29 Mar 2016

George Kinghorn, executive director and curator of the University of Maine Museum of Art in downtown Bangor, was featured in the April issue of [Maine Home + Design](#) magazine. Kinghorn was drawn to UMMA’s impressive contemporary art collection, which includes 3,800 works, with a concentration in original prints and photography, and potential for growth, according to the article. Bangor’s walkable, downtown setting and close-knit community also drew Kinghorn to the museum in 2008, the article states. “My work hasn’t been confined within the walls of the museum,” Kinghorn said, adding there has been an incredible amount of growth in the city in recent years and he has had the opportunity to get involved, and play a role in that development. Since Kinghorn arrived at UMMA, museum visitation has increased 268 percent, the article states. “Visitors are surprised to see exhibitions of this caliber here in Bangor. I take that as a compliment,” he said.

Moxley, Robinson, Miller receive top faculty honors in College of Liberal Arts and Sciences

29 Mar 2016

Faculty in English, anthropology and philosophy have been named for top honors in the University of Maine College of Liberal Arts and Sciences. Recipients of the 2016 College of Liberal Arts and Sciences Faculty Awards are: Jennifer Moxley, professor of English, for Research and Creative Achievement; Brian Robinson, associate professor of anthropology, for Teaching and Advising; and Jessica Miller, associate professor of philosophy, for Service and Outreach. The recipients will be honored at the College of Liberal Arts and Sciences Awards Ceremony at 4 p.m. April



26, Buchanan Alumni House.

Moxley sees the poet's art as a lifelong vocation. As she wrote in the preface to her first volume, "poetry is not for the passive." Poetry keeps the human imagination alive, while safekeeping a history of and a future for the mind's prerogative to exist as more than a memory of its milieus. Her 2014 book of poems, "The Open Secret," won the Poetry Society of America's 2015 William Carlos Williams award and was a finalist for the 2016 Kingsley Tufts Poetry Award. Moxley also has published five other books of poetry, a memoir and a book of essays. Her 2002 book, "The Sense Record," was chosen as one of the five best books of the year by Small Press Traffic in San Francisco and Stride Magazine in London. Moxley's poems have been included in "Postmodern American Poetry: A Norton Anthology" (2013), "American Hybrid: A Norton Anthology of New Poetry" (2009), and "Best American Poetry" (2002). Her translations from French include Jacqueline Risset's "The Translation Begins" (1996) and "Sleep's Powers" (2008), and Anne Portugal's "Absolute bob" (2010). Since her first book came out in 1996, Moxley's poems have appeared in many periodicals, including The Nation, Virginia Quarterly Review, Iowa Review, Gulf Coast, A Public Space, Colorado Review and Denver Quarterly. Moxley has been invited to present at more than 70 venues, including the Centre Georges Pompidou, University of Pennsylvania, St. Mark's Poetry Project, Georgetown, Bard College, the Beinecke, DIA Art Foundation, Princeton, Case Western, Naropa University, and the



Miami International Book Fair.

Robinson is recognized for his passionate teaching style and ability to seamlessly incorporate active research and community engagement into the student learning experience. The Maine Academic Prominence Initiative (MAPI), in which Robinson takes a pivotal lead role, is the centerpiece of his educational and student-centered accomplishments. In partnership with Native American Studies, it serves to shape his instructional, intellectual and community engagement activities. The initiative is designed to develop a coastal archaeology program that emphasizes education, scholarship and collaboration between UMaine and Maine's Native American people. In this context, Robinson regularly directs an intensive summer field school, provides student scholarships and funds guest speakers in an interdisciplinary, intercommunity, hands-on approach to Maine's pre-

European past. The MAPI field program has been an incredible success in fully funding students' participation in the four-week summer course, and providing hands-on archaeological training and engagement with Maine's Native American communities. A rewarding aspect of this endeavor is the data it has produced over the years, making possible the integration of excavated archaeological materials into a variety of Robinson's course offerings. The most tangible application of this is his laboratory techniques course, in which students study and analyze artifacts and data generated directly from the field school. The intersecting nature of his teaching portfolio with active research is an experience



students value immensely. Miller is passionate about helping Maine residents appreciate and address ethical issues in health care. She led an initiative at Eastern Maine Medical Center (EMMC) to create a new ethics committee and a formal ethics consultation service, which she now manages and chairs. Today, EMMC is a model for ethics programs around the United States. Miller volunteers at Hospice of Eastern Maine (HOEM), supporting dying patients and their caregivers, and providing ethics education and training for HOEM's employees and volunteers. She also currently is helping to revitalize and restructure the ethics program at Acadia Hospital. In 2009, she led planning for a statewide clinical ethics conference attended by more than 100 clinicians. She also has given more than 100 ethics trainings, workshops and addresses to such groups as the Maine Academy of Family Physicians, Nurse Anesthesia of Maine, Daniel Hanley Center for Health Leadership, and the Maine Department of Health and Human Services. She has testified before the Maine State Legislature, has given Bangor Daily News interviews related to bioethics, and has published significant articles aimed toward extending health care ethics education throughout the state and beyond. In addition to significant service to her profession, Miller contributes in vital ways to the ethical culture on campus, through her forging of the philosophy department's ethics minor; her work with the Rezendes Ethics Initiative — for which she has chaired the Rezendes Ethics Essay prize committee for 15 years; the university's Institutional Review Board for the Protection of Human Subjects; the Scientific Misconduct Committee; and her work with student groups, such as the Health Professions Club.

Textbook Alternative Program: Helping keep costs down for UMaine students

29 Mar 2016

UMaine is piloting a program designed to help students manage costs by replacing expensive textbooks with online open-access and other resources. Five faculty members were awarded modest grants in the summer 2015 to explore low- or no-cost alternatives to expensive textbooks through the Textbook Alternative Program. This year, over 450 students will benefit from the program, with an average savings of \$246 per course. That's over \$110,000 in student savings. The goal for 2016–17 is to double the number of courses using textbook alternative, expanding the number of students who will save on educational expenses.

University of Maine Symphonic spring tour to feature performance with Casco Bay Wind Symphony

30 Mar 2016

The annual spring tour of the University of Maine Symphonic Band April 6–9 will feature 10 free public performances, including school assemblies and community concerts. The Symphonic Band, directed by Christopher White, is an auditioned group of 45 woodwind, brass and percussion performers with a repertoire that spans nearly 250 years. The band will feature solo competition winners Amanda Bloss and Annie Morgan in “Fandango” by Joseph Turrin, and clarinet faculty and department chair Beth Wiemann performing the third movement of Ticheli’s “Clarinet Concerto.” Other selections to be performed on tour include works of Gorb, Sousa and Daughtrey. The performance schedule:

- April 6 — Cony High School in Augusta 9 a.m.; Westbrook High School, 12:15 p.m.; South Portland High School, 7 p.m.
- April 7 — Durham Community School, 9 a.m.; Falmouth High School, 1 p.m., Falmouth High School, 7 p.m.
- April 8 — Massabesic High School in Waterboro, 9 a.m.; Oak Hill High School in Wales, 1 p.m.; and Leavitt High School in Turner, 7 p.m.

The tour concludes April 9 when the Symphonic Band performs with the Casco Bay Wind Symphony at Gorham High School at 7 p.m. Tickets are required for the April 9 performance and may be purchased [online](#). The Symphonic Band and Concert Band will give a joint concert April 28 at 7:30 p.m. at the Collins Center for the Arts. Tickets are \$9; free with a student *MaineCard*, and can be purchased at the door or by calling the box office, 207.581.1755

Androscoggin-Sagadahoc Counties Extension Association to hold annual meeting

30 Mar 2016

The Androscoggin-Sagadahoc Counties Extension Association (ASCEA) will hold its annual meeting and elect new officers at 6 p.m. Monday, April 11 at the University of Maine Cooperative Extension office, 24 Main Street, Lisbon Falls. The meeting is open to the public, and will include presentations by Tori Jackson and Kristy Ouellette, UMaine Extension educators; and Laura Personette, UMaine Extension 4-H professional staff. A catered meal will follow the meeting. The ASCEA is actively recruiting new members. In partnership with UMaine Extension staff, the members of each county association assist with providing input on local educational programming needs and oversee the county budget appropriations that support Extension educational programs for county residents. For more information, to RSVP or to request a disability accommodation, call 353.5550 or email kymnoelle.sposato@maine.edu.

Registration open for 2016 Maine Sea Grant Research Symposium

30 Mar 2016

Registration is open for the 2016 Maine Sea Grant Research Symposium: Research in a Time of Rapid Change. The event will be held from 1–5 p.m. Thursday, April 14 in Buchanan Alumni House on the University of Maine campus. The biennial event serves as a forum for new and seasoned Maine Sea Grant investigators and students to share their research plans and outcomes with fellow staff and stakeholders; receive input from the community; and plan collaborative outreach activities. New research projects to be presented at this year’s symposium:

- Deepwater lobster settlement across thermal gradients in the Gulf of Maine
- Improving assessment of critical habitat for Atlantic salmon in a rapidly changing climate
- Lost to the sea: Maine’s ancient coastal heritage

Registration is available online or by contacting kvillarral@maine.edu, 581.1435.

Ellsworth American previews free Silver Duo concert

30 Mar 2016

The Ellsworth American reported the Ellsworth Community Music Institute will present the Silver Duo — cellist Noreen Silver and pianist Phillip Silver — in a free concert from noon to 1 p.m. on Thursday, April 7 at the General Bryant E. Moore Community Center theater. The husband-and-wife Silver Duo was founded when the musicians were students at the New England Conservatory of Music and has gone on to earn accolades from audiences and critics

throughout Europe, Israel, the United States, Scandinavia and the Czech Republic, according to the article. Phillip Silver is a professor of music in the School of Performing Arts at the University of Maine, where Noreen Silver also teaches as an adjunct faculty member.

Ocean technology in region focus of conference, Maine Edge reports

30 Mar 2016

[The Maine Edge](#) published a University of Maine news release announcing ocean technology in New England and Atlantic Canada will be the focus of a conference at UMaine April 27–28. The conference, which is organized by UMaine’s Canadian-American Center and the Maine International Trade Center, will bring together researchers, business leaders and policymakers in ocean technology and strategy to promote a network of collaboration. The goal is to facilitate the integration of research, product development and technology transfer opportunities in the growing ocean technology sectors in New England and Atlantic Canada. Ocean technology sectors include companies, institutions, and organizations dedicated to ocean and marine technology, education, training, research, promotion, delivery and application. Mount Desert Islander also advanced the conference.

Honors, political science student writes about research in BDN

30 Mar 2016

University of Maine student Jaymi Thibault wrote an article for the [Bangor Daily News](#) titled “Bangor wants to know how to communicate with you. Here’s your chance to spill.” Thibault is an undergraduate political science student and member of the Honors College. This year, Thibault will be conducting research in collaboration with the city of Bangor to examine which methods of communication residents prefer when it comes to hearing from the city, as well as what types of information residents want to know, according to the article. The research will help decision makers in Bangor hone their community outreach methods to ensure that residents are getting the information they need, the article states. A survey for Bangor residents is [online](#). Those interested in participating in an hour-long focus group discussing the issues in greater depth can contact Thibault at jaymi.thibault@maine.edu or 402.0135.

Brewer speaks with WABI about presidential race, Wisconsin primary

30 Mar 2016

Mark Brewer, a political science professor at the University of Maine, spoke with [WABI](#) (Channel 5) about the presidential race ahead of the April 5 primary in Wisconsin. Brewer said he thinks the Democrats are closer to having a nominee and “at this point Hillary Clinton seems to, if not have the nomination locked up, have a pretty tight grip on it.” However, for Republicans, Brewer said Wisconsin’s primary, in which the winner takes all the delegates, could be a possible game changer. “I mean right now still looking at it on paper is still Donald Trump becoming the Republican nominee. But I do think if he loses Wisconsin that makes the odds of him doing that even tougher,” Brewer said, adding that if no candidate has the necessary delegates to receive the Republican nomination, it would be decided at the GOP convention and could open the door for a candidate who’s not currently in the race.

BDN covers talk by 2015 Pulitzer Prize winner

30 Mar 2016

The [Bangor Daily News](#) reported on a presentation by Kathleen Kingsbury, a Pulitzer Prize-winning journalist and deputy managing editor of The Boston Globe. The 2015 award winner for editorial writing spoke at the Bangor Public Library as part of Pulitzer Week. To celebrate 100 years of the Pulitzer Prizes, the University of Maine’s Department of Communication and Journalism, along with the Bangor Public Library, are hosting three winners of journalism’s top award throughout March 24–31. The guests visit UMaine journalism classes, as well as lead public presentations on campus and at the library. Kingsbury, who wrote the award-winning series “Service Not Included,” discussed labor and exploitation in the restaurant industry. “Despite a recovery in the economy, wages are still too low for too many workers. Too many families are struggling to survive, to put food on the table and make sure their family’s future is

brighter than their own,” she said.

Annabelle Wilson: A runner with her sights set on teaching in Maine

30 Mar 2016

Annabelle Wilson did not take the well-traveled path to the University of Maine. Originally from Geelong in southern Australia, she was recruited to run cross country and track for the Black Bears. So how does a young woman from a “coastal surfing area” more than 10,000 miles from Orono like it here? “I’ve loved Maine,” she says, “I really want to stay (here), that’s my goal.” Wilson has a summer job lined up as a counselor at the Portland YMCA, and she’s been applying for teaching jobs at schools in southern Maine. An elementary education major with concentrations in English and human development, she did her student teaching at McGraw School in Hampden and Leonard Middle School in Old Town. She’s also been involved in student-athlete mentoring and tutoring throughout her UMaine career. That led to an internship this winter at Carrabassett Valley Academy, where she helped set up a peer mentoring program for the school’s elite ski and snowboard athletes. “We have 12 students who are mentors for the rest of the school,” says Wilson. “What we’re working on at the moment is how they see themselves as CVA athletes, and how they want to be seen, and what things impact the way they want to be seen. So, what are some positive steps they can take to make sure they’re seen the way they want to be seen?”

Watch a video interview with Annabelle Wilson: [From Down Under to Down East](#)

As an athlete herself, Wilson is in a unique position to advise the student-athletes at Carrabassett Valley. But she sees herself as a role model for all students. “I think that really being involved in sports, whether it’s running or anything else, there’s a great deal of things you can learn through teamwork and leadership, and just generally being able to find something you enjoy outside of academics to balance everything all around,” she says. In a few months, Wilson will graduate and embark on the next phase of her life. She says she’ll remain forever grateful for the opportunities she received at UMaine. “It’s given me a whole different sense of place and being, especially coming from Australia,” she says. “I see myself teaching and living long-term here in the U.S., and Maine in particular. I think that’s something pretty cool.” **Why UMaine?** I was recruited here for cross country and track. But at the time I was just going to college back in Australia and I was living at home, and I just figured I have two choices here: I could stay home and it would be fine, or I could take this opportunity and see where it takes me. I remember a lot of people telling me how cold it was in Maine, and my coach was like, “Have you ever seen snow before?” But I’ve loved Maine. **Can you tell us about your hometown?** My hometown is Geelong in Victoria, Australia. Geelong is the town and Victoria is the state. It’s definitely a coastal surfing area in southern Australia. It’s most well known for quite a few big surfing competitions. I don’t surf at all, but it’s definitely one of the places where I love to run. You have the beaches, and then some forested areas and really nice places to run just by the beach. **How often do you get to go home?** Maybe once a year I’m able to get back home. It’s really nice when I get a chance to. I was home last summer for about two weeks. **What do you enjoy about running cross country and track?** I enjoy the competitive aspect of it, and I also really enjoy the aspect of being on a team. In general, I enjoy just being fit, and I suppose you could say doing something that makes me healthy physically and mentally. I think running is a great way to de-stress. **What are some of your major achievements as a runner?** This year particularly, I’ve been really proud to captain both the cross country and track and field teams. I’ve been really proud of myself, and how I’ve come back from some setbacks. Like, in my sophomore year, I fractured my foot. It was the first time I’d really sustained a major injury. And, to come back after taking eight weeks off, that challenge taught me a lot in terms of why I really enjoy running and what it is I enjoy competing. **How do you think running has prepared you to be a teacher?** I think the sense of being a positive role model for my students in how I deal with setbacks and challenges. Also, I think what it’s taught me in terms of general well-being and looking after myself. I hope that whatever classroom I end up working in, I can show that to my students. I think that really being involved in sports, whether it’s running or anything else, there’s a great deal of things you can learn through teamwork and leadership, and just generally being able to find something you enjoy outside of academics to balance everything all around. **Can you tell us about the peer mentoring program you started at Carrabassett Valley Academy?** Over the past four years I’ve been involved in student-athletic mentoring and tutoring at UMaine, and that got me really interested in working with student-athletes. So after my student teaching ended, I wanted to maintain classroom contact even though I didn’t have to credit-wise to graduate. So, CVA presented as a really cool opportunity. It’s a school for really elite snowboarding and skiing athletes. I went to them and I said, “If I’m up here a day or so a

week, how can I best help?" And I told them a bit about myself and what I'd been involved with here at the University of Maine. And when I mentioned the tutoring and mentoring program that was something they were really interested in. We have 12 students at the moment who are peer mentors for the rest of the school. And it's sort of in the establishing stages, where I'm still training the mentors. **What sort of training do you give them?** It's a lot of different things actually. Like, if they see students who need help with studying or learning how to study when they're traveling. Or maybe they see students who are having problems with friendships. What we're working on at the moment is how they see themselves as CVA athletes, and how they want to be seen, and what things impact the way they want to be seen. So, what are some positive steps they can take to make sure they're seen the way they want to be seen? **Tell us about the mentoring and tutoring work you've done at UMaine.** I started off the second semester of my freshman year as an English composition tutor for English 101. And the following year I kept tutoring and I took on board mentoring of freshman students. It's really rewarding to see some of the students I've mentored and tutored at the student-athlete banquet being recognized for good GPAs and things like that. I might only meet with them for a few months, but to see how much you can help them is really cool. I know for me, I found the transition from high school to college really different, and the transition from a college setting in Australia to a college setting here in the U.S. hard. **How would you describe the academic atmosphere at UMaine?** I've really loved the last year or so of my education here, particularly because I feel like I've formed some close friendships with people in my graduating class. I think that's one of the nicest things. We've got such a comprehensive and large-scale program, but with such small class sizes, and particularly when you come toward the end of your senior year. All of your methods courses and your student teaching seminars are done with the same 20 people or so. **Have you worked closely with a mentor, professor or role model who has made your UMaine experience better, and if so, who and how?** There's been so many people in the advising center who have helped me — Faith Erhardt and Erin Straine. Mary Mahoney-O'Neil has been a fantastic help. Whether it's been a bit of advice on what college course to take, or how at the moment I'm starting to apply for jobs. So, all that advice on how to write a cover letter or how to approach going to job interviews, I think that's really helpful advice that I definitely really appreciate. **Have you had an experience at UMaine — either academically or socially — that has changed or shaped the way you see the world?** I really, really loved my student teaching placement at Leonard Middle School in Old Town. I always had the perception that I wanted to work with younger children, maybe K–3. And I remember one of my professors, Frank Page, he said to me, "Don't discount anything. Always take these opportunities that you've been given." Going into it, I wasn't looking forward to that placement, but it ended up being the best eight weeks of my student teaching. It really changed the way I viewed taking opportunities and being open. It's changed the jobs I want to pursue now after graduating. I definitely want to work in that middle school field now. **Describe UMaine in one word** Opportunity. The opportunity to try different things in the teaching profession or whatever degree you go into. I think that no matter what degree you take here at the University of Maine it presents so many opportunities for you now or later in life, whether it's the friendships that you make or connections within your profession. And just the opportunity I had in being here. Like, the opportunity I had when I was back home in Australia to either pursue coming here or stay back home. **What is your most memorable UMaine moment?** It was really, really nice the other week, Mary Mahoney-O'Neil wrote me a letter of recommendation. And to hear her read it back to me, that was really memorable. I was really proud of that, to hear someone say how proud they were of what I'd achieved here. **What do you hope to do after graduation and how has UMaine helped you reach those goals?** Right now I've got lots of plans of what I hope will happen. I really want to stay in Maine, that's my goal. I'm hoping to find a job in the southern Maine area. I got a job working this summer at the YMCA in Portland as a summer counselor, living with some UMaine alumni. I'm hoping to find a teaching job in the Portland area. I've applied for a few, and right now I'm just waiting for more jobs to come up. There are so many ways UMaine has helped me through my experiences as a student teacher, as well as indirectly, such as some of the opportunities I've had through All Maine Women, through being a part of the UMaine Athlete Advisory Committee. A lot of those opportunities have helped me grow as a leader and develop skills in terms of learning to work with a lot of different people, and develop things such as communication and organization skills. **How has your experience in the classroom helped prepare you for life after graduation?** I think it's taught me the theory behind teaching when I go into working classrooms. My methods classes in particular were really great for that, giving me a bit of background on different English curriculums, or different classroom management strategies. Where I feel like I've learned the most is sort of reflecting upon that content when actually in the classroom and practicing it. **What is the most interesting, engaging or helpful class you've taken at UMaine?** There's been a lot that have been helpful. But I think that perhaps the seminar component of my student teaching was really helpful, because it encouraged me to really reflect upon my teaching and I think that's such a powerful component of teaching. It's something that if you learn to practice it regularly, it's a really powerful tool for continuing to improve always as a teacher. **What difference has UMaine made in your life?** It's given me a whole different sense of place and being,

especially coming from Australia. I see myself teaching and living long-term here in the U.S., and Maine in particular. I think that's something pretty cool. Contact: Casey Kelly, 207.581.3751

Law enforcement training exercises on campus March 31

30 Mar 2016

Orono Police Department will conduct training exercises in and around Coburn Hall on Thursday, March 31, from 6–9 p.m. Members of the UMaine community may see police department vehicles and personnel in the area.

Portland trip to feature Shakespeare's First Folio, map collections

30 Mar 2016

Members of the University of Maine community and general public are invited to join a bus trip to Portland to tour collections at the Osher Map Library, as well as attend a public lecture and view William Shakespeare's First Folio at the Portland Public Library. The UMaine Humanities Center (UMHC) and Department of English are co-sponsoring the April 2 event, which begins at 8:45 a.m. when the bus departs from the Collins Center for the Arts parking lot on the UMaine campus. The bus is scheduled to arrive at the Osher Map Library in Portland around 11 a.m. for guided tours of Shakespeare-era maps and the new "Golden Age of American Pictorial Maps" exhibit, which was curated by UMaine geographer Stephen Hornsby. At 1 p.m. the bus will take participants to the Portland Public Library for lunch and exploration downtown. Richard "Dick" Brucher, a UMaine English professor, will deliver "Learning from the First Folio" in the library's Rines Auditorium at 3 p.m. Visitors will have the opportunity to tour Shakespeare's First Folio exhibit before or after the lecture. The bus is slated to depart from the library at 5 p.m. and return to UMaine around 7 p.m. Email Sarah Harlan-Haughey at sarah.harlanhaughey@maine.edu to reserve a spot on the luxury coach. The subsidized cost is \$10 for UMaine students, faculty and staff; and \$20 for the general public. Guests also can join the trip on a first-come, first-served basis by meeting in front of the Collins Center for the Arts starting at 8:30 a.m. April 2. For more information, including a schedule for the day, visit the center's website or contact Liam Riordan, UMHC director, at riordan@umit.maine.edu or 581.1913.

College of Education and Human Development announces 2015–16 faculty, staff awards

30 Mar 2016

The University of Maine College of Education and Human Development has announced the 2015–16 faculty and staff awards. The awards are:

- Teaching Excellence Award — Susan Bennett-Armistead, a full-time associate professor of literacy; and Dick Young, a part-time lecturer
- Research and Creative Achievement Award — Sandra Caron, professor of family relations and human sexuality
- Faculty Service Award — John Maddaus, associate professor of education
- Staff Service Award — Phyllis Thibodeau, administrative coordinator

The recipients will be honored at a recognition ceremony April 29 at the Wells Conference Center.

Designing, building low-cost milking parlors focus of Hinckley workshop

31 Mar 2016

Designing and building low-cost, efficient milking parlors for dairy herds is the focus of a free workshop 10 a.m.–2 p.m. Thursday, April 14 at Kennebec Valley Community College Alford Campus, Recreation Center, Route 201, Hinckley. Larry Tranel, dairy specialist with Iowa State University Cooperative Extension, will discuss TRANS-Iowa parlors, designed to be more ergonomically friendly, and improve milking speed and cow movement. University of Maine Cooperative Extension, Maine Organic Milk Producers (MOMP) and Coastal Enterprises Inc. (CEI) are sponsoring the workshop. The cost of milking cows in Maine is higher than many areas of the nation, according to UMaine Extension

professor Rick Kersbergen. This cost translates to lower profit margins and productivity. One reason for the high cost is the amount of time associated with milking in inefficient facilities. Additionally, many Maine farmers suffer debilitating physical ailments due to poorly designed systems and barns. The workshop, which will be held in conjunction with MOMP's annual meeting, is free to all Maine dairy farmers and includes lunch. Pre-registration is requested and available online. For more information or to request a disability accommodation, contact Kersbergen at 342.5971 or richard.kersbergen@maine.edu.

Citizen scientist training offered around state, Maine Edge reports

31 Mar 2016

[The Maine Edge](#) published a University of Maine news release about "Signs of the Seasons," a University of Maine Cooperative Extension and Maine Sea Grant program that offers multiple training sessions for those interested in identifying and recording seasonal changes in their communities in support of understanding Maine's changing climate. Volunteers of all ages are invited to become citizen scientists through trainings offered around the state between now and the end of June. New this year, a subset of trainings will focus on observing loons, as well as 18 other indicator species. In hands-on training, participants will learn how to identify and record changes in plants and animals found in their own backyards. Information collected by participants contribute to an online database hosted by the National Phenology Network. All trainings are free and open to the public; registration is required. More information, including registration, is [online](#).

Seacoast Online reports on York County's record-breaking Harvest for Hunger donations

31 Mar 2016

[Seacoast Online](#) reported University of Maine Cooperative Extension's statewide Maine Harvest for Hunger program in York County broke all previous records in 2015 with a harvest of 64,705 pounds. The fresh produce was distributed to 37 county donation sites, including food pantries, soup kitchens and low-income senior centers. [Fosters.com](#) also published the report.

Maine Edge previews April star shows at Emera Astronomy Center

31 Mar 2016

[The Maine Edge](#) advanced scheduled public star shows in April at the University of Maine's Emera Astronomy Center. Star shows are held throughout the month at 7 p.m. Fridays and 2 p.m. Sundays. On Fridays, viewers can see "To Space and Back." On Sunday afternoons, younger viewers can experience "In My Backyard." Admission to all shows is \$6, and seating is limited. More information is [online](#).

Global Aquaculture Advocate reports on salmon disease research conducted at UMaine

31 Mar 2016

Global Aquaculture Advocate reported that since Daniel Makrinos, a researcher at the University of Maine, began studying the salmonid disease salmonid rickettsial septicaemia (SRS) in February, he has been "entrenched" in researching the destructive bacterium that causes it. Makrinos has been studying published research and growing samples in his lab to greater understand, and hopefully control, the bane of Chile's farmed salmon industry, the article states. Costing the industry a reported \$100 million or more annually in economic losses, the *Piscirickettsia salmonis*, or P. sal, bacterium is difficult to detect and can spread quickly, causing massive mortalities if not treated quickly, Makrinos told the Advocate. He will present his P. sal findings during the second annual International Conference of Fish & Shellfish Immunology, June 26–30 in Portland. The University of Maine Aquaculture Research Institute is hosting this year's conference on behalf of the International Society of Fish & Shellfish Immunology.

ClimateWire interviews Mayewski about pioneering glaciologist

31 Mar 2016

Paul Mayewski, director of the Climate Change Institute at the University of Maine, spoke with [ClimateWire](#) for an article about glaciologist Claude Lorius. Over a half-century beginning in 1956 when Antarctica was a scientific mystery, Lorius assembled proof from the continent showing that humans are warming the planet by pumping out carbon at rates never before seen in Earth's history, according to the article. His findings became the bedrock of scientific knowledge about climate change, the article states. "He went out on a limb a lot more than people have to now," said Mayewski, who trained with Lorius in France in the 1980s. "Now, it is accepted the sort of things he did are important. You don't have to go to Antarctica for 12 or 16 months, you don't have to build a laboratory and develop a new technique in order to make this big breakthrough." Lorius was elegant in speech and looks and had a commanding presence, Mayewski recalled. In 1974, Lorius helped set up a drilling program with the Soviets and Americans at Vostok Station, and in 1984, he went there and brought back samples to France, the article states. "[The Vostok core] stands to this day as the most important record demonstrating the relationship between temperature and greenhouse gases," Mayewski said. [Scientific American](#) published the article.

Ph.D. student quoted in Hakai Magazine article on warming waters, lobsters

31 Mar 2016

Samuel Belknap, a Ph.D. student in the Adaptation to Abrupt Climate Change NSF IGERT Fellowship program pursuing a degree in anthropology and environmental policy at the University of Maine, was quoted in the [Hakai Magazine](#) article, "A warming threat to Maine's lobsters." In 2012, lobstermen started showing up at Belknap's family dock in Bristol with lobsters covered in lesions from shell disease, according to the article. The appearance of the disease inspired Belknap to start his Ph.D. program at UMaine where he studies the ways shell disease and climate change may affect the lobster industry, the article states. Belknap said that on a longer timescale, temperature monitoring could add urgency to ongoing efforts to diversify the fisheries industry in Maine. Today, Belknap said lobster fishermen seem much less concerned with shell disease than they were in 2012 and 2013. "When things are good, people don't see looming threats on the horizon," he said. [The New York Times](#) included a link to the article on its homepage April 1.

College of Education and Human Development co-sponsors Literacy Tea event

31 Mar 2016

The University of Maine College of Education and Human Development is again co-sponsoring the annual Literacy Tea organized by Literacy Volunteers of Bangor. The event will be held Sunday, April 3, from 3–5 p.m. at John Bapst Memorial High School in Bangor. Children's book author Mark Scott Ricketts will read from his book "Adventures in Vacationland." UMaine Associate Professor of Literacy Susan Bennett-Armistead will be a featured speaker. Bennett-Armistead started the Literacy Tea to honor her late mother-in-law who held a similar event every year in Michigan. Literacy Volunteers took over the event in 2013, with the College of Education and Human Development remaining involved as a major sponsor. It has become the group's largest fundraiser, bringing in about \$17,000 last year. For tickets or more information about the event, contact Literacy Volunteers of Bangor at 207. 947.8451, or visit lvbangor.org/literacytea.

Maine Sea Grant awards funds for three UMaine research projects

31 Mar 2016

The Maine Sea Grant College Program has awarded funds to University of Maine faculty for three new research projects representing more than \$500,000 in investment from the National Oceanic and Atmospheric Administration and matching sources. Hamish Greig, an assistant professor of stream ecology in the School of Biology and Ecology, plans to study the fate of Atlantic salmon, an endangered fish that is designated as one of eight "Species in the Spotlight" by the U.S. government. Stephen Coghlan, an associate professor of freshwater fisheries at UMaine, and Joseph Zydlewski of the UMaine-United States Geological Survey (USGS) Cooperative Fish and Wildlife Research Unit are co-

investigators on the two-year project that focuses on how habitat variation influences competitive interactions among salmon, native brook trout, and non-native smallmouth bass in Maine streams, which are getting warmer as a result of global climate change. The team, which includes graduate student Nicole Ramberg-Phil, will integrate mesocosm experiments, modeling and field validation, working with colleagues in the Maine Department of Marine Resources and U.S. Fish and Wildlife Service. Alice R. Kelley, Joseph Kelley, Daniel Belknap and Brian Robinson of UMaine's School of Earth and Climate Sciences and the Climate Change Institute will investigate the development of a noninvasive, rapid method of assessing coastal archaeological sites. Maine has about 2,000 such sites, some as old as 4,000 years, but they — and the cultural and scientific information they contain — are being lost due to erosion and flooding from rising sea levels. Given limited resources, archaeologists can only excavate about three sites per year. Kelley and her team will work with Arthur Spiess of Maine Historic Preservation Commission to see if their findings can guide prioritization and decisions about which areas to excavate and/or protect. Richard Wahle of the School of Marine Sciences will continue to study the larval or juvenile “settlement” phase of the American lobster. Wahle builds on his earlier Sea Grant research, which developed the American Lobster Settlement Index as a predictive tool for informing decisions about lobster fishery management. The new project will examine factors behind the unprecedented surge in small lobsters in the historically cold eastern and deeper parts of the Gulf of Maine in the last decade, or juvenile lobsters settling in shallow nurseries and then moving into deeper water. Wahle is working with both regulatory and industry partners, including fishermen Curtis Brown of Portland, Matt Parkhurst of Boothbay Harbor, and Norbert Lemieux of Cutler. All three research projects will be presented at the Maine Sea Grant Biennial Research Symposium on April 14 at the University of Maine Buchanan Alumni House. More information about the research and symposium is on the Maine Sea Grant [website](#). Maine Sea Grant is a program of the state of Maine and the National Oceanic and Atmospheric Administration and one of 33 NOAA Sea Grant programs across the nation, which this year are celebrating 50 years of putting science to work for coastal communities. Contact: Catherine Schmitt, 581.1434

Great Maine Bike Swap, Maine Bound Gear Sale April 10

01 Apr 2016

The New Balance Student Recreation Center at the University of Maine will hold the Bicycle Coalition of Maine's Great Maine Bike Swap and Maine Bound Adventure Center's annual Gear Sale on Sunday, April 10. From 10 a.m. to 1 p.m., Great Maine Bike Swap attendees can choose from hundreds of gently used bicycles, including hybrids, road bikes, mountain bikes, children's bikes and recumbents at a variety of prices. Admission is \$3 cash; free for UMaine students, children younger than 12 and those selling bicycles at the event. The group also will hold a swap Sunday, May 1 in Portland. More information about the Great Maine Bike Swap, including how to sell a bike, is online. Also at the center from 9:30 a.m. to 1 p.m., Maine Bound will sell new and used gear for outdoor activities such as hiking, climbing, skiing, kayaking and cycling. Alpenglow Adventure Sports also will have items for sale. Those looking to sell their sporting goods can drop off equipment at the [Maine Bound Adventure Center](#) during regular front-desk hours or at the New Balance Student Recreation Center from 5–7 p.m. April 9 and 8–9 a.m. April 10. Cash and checks are preferred at the Gear Sale. More information about the sale is on [Facebook](#).

UMaine No. 1 among '20 Great Recreation Centers at Small Colleges'

01 Apr 2016

[Great Value Colleges](#) has named the University of Maine's New Balance Student Recreation Center No. 1 in its list of “20 Great Recreation Centers at Small Colleges.” “This \$25 million fitness center is LEED Silver certified and was built with an open-floor plan and windows that stretch from the floor to the ceiling so that students on one of the 140 pieces of workout equipment can enjoy the view of the stunning Maine countryside,” the article states. In addition to several awards the building has received, the post also mentions the center's amenities including its pool area with a hot tub and sauna; ski and snowshoe rentals for exploring the 15-plus miles of trails within the DeMeritt Forest outside the facility; and its well-equipped circuit training area. “One of the best parts of Maine life is its recreation opportunities and outdoor activities,” said Robert Dana, vice president for student life and dean of students at UMaine. “Through the New Balance Student Fitness Center, campus recreation offers everything from recreation facilities to intramurals, to sports clubs to fitness classes. We are proud to be No. 1 in this ranking and offer this great recreation center to our students.” The top recreation centers were selected and ranked based on affordability; awards and recognition; and notable

features, such as spa amenities or historical relevance. Great Value Colleges is a website that assists students in finding the best degree, school and career options, and resources for a chosen degree and career, according to its [website](#).

Mount Desert Islander advances Leslie's coastal ecosystem conservation talk

01 Apr 2016

Mount Desert Islander reported Heather Leslie, director of the University of Maine Darling Marine Center, will discuss coastal ecosystem conservation during the College of the Atlantic's Human Ecology Forum at McCormick Lecture Hall in Bar Harbor at 4:10 p.m. Tuesday, April 5. Her "Sustaining Coastal Marine Systems" talk is free and open to the public. Leslie conducts research on the ecology, policy and management of coastal marine ecosystems, according to the article. Leslie believes coastal conservation must involve scientific ecosystem management and consideration of people who live and work in the areas, the article states. "By studying the ecological and human dimensions in an integrative way, we are in a better position to manage fisheries to meet both biodiversity and human well-being objectives," she said.

MPBN interviews Dill about this year's mosquito, tick forecast

01 Apr 2016

Jim Dill, a pest management specialist with University of Maine Cooperative Extension, spoke with the [Maine Public Broadcasting Network](#) for the report, "How bad will mosquitoes and ticks be this year?" Dill said deer ticks, which escape harsh temperatures by finding warmer places to burrow, didn't have much to cope with this winter. "I don't expect that many ticks were killed off by the winter temperatures," he said. "So I expect that we're going to have a good population of ticks this year." However, due to a light snowpack, especially in the southern third of the state, Dill predicts the "early-season mosquitoes probably won't be as bad." The first crop of mosquitoes rely on pools of melted water to thrive, according to the report.

Boston Globe publishes op-ed by Socolow

01 Apr 2016

[The Boston Globe](#) published an opinion piece by Michael Socolow, an associate professor in the Department of Communication and Journalism at the University of Maine, titled "Trump is trapped in the moment."

Play, programs focus on challenges Iranian women face

01 Apr 2016

The University of Maine will host several public programs centered around a free performance of a play that offers historical and contemporary insight into the plight of women in Iran. "The Poets and the Assassin" will be performed at 7:30 p.m. Thursday, April 7 in Minsky Recital Hall on campus. The play portrays struggles Iranian women face against religious and cultural tyranny and counters stereotypes about women and Islam. "Despite dealing with a very oppressive regime, Iranian women always manage to be present and participate in the political scene in Iran," said Reza Jalali, the play's author and coordinator for the Office of Multicultural Student Affairs at the University of Southern Maine. "This story has remained untold. It's amazing. Iranian women have always historically been in the forefront of a national struggle for independence, for freedom and for democracy, and they've paid a huge, huge price." The production will be performed by theater students from Bates College in Lewiston and directed by Kati Vecsey, a theater professor at Bates. The performance will conclude with the cast, director and playwright taking questions from the audience. The 60-minute play takes place in five parts, each featuring a monologue from a different actress. In each scene, an Iranian woman from a different time period speaks to the audience about topics including history, art, protest and the struggles of Iranian women in today's society. Ahead of the performance, Jalali will speak about "Feminism in Contemporary Iran" from 12:30–1:45 p.m. in the Bangor Room, Memorial Union. The presentation is part of the Socialist and Marxist Studies Lecture Series. At 8:30 a.m. Friday, April 8, the Honors College will host a panel and audience discussion on "The Poets and the Assassin" and related issues. The talk will be held during breakfast on the fourth floor of Colvin

Hall. Panelists will include Jalali; Maryam Kashkooli, an undergraduate economics major and member of the Honors College; Simin Khosravani, part-time faculty member in the Department of Mathematics & Statistics; and Niloofar Yousefi, a graduate student in the School of Forest Resources. Emily Haddad, dean of the College of Liberal Arts and Sciences, will moderate. The free performance is co-sponsored by many UMaine programs, including the University of Maine Humanities Center; School of Policy and International Affairs; College of Liberal Arts and Sciences; Honors College; Women's, Gender, and Sexuality Studies; Department of History; Wilson Center; and International Affairs; as well as the Department of Theater and Dance at Bates College. More information is available on the UMaine Humanities Center website and by contacting Liam Riordan, UMHC director, at riordan@umit.maine.edu or 581.1913.

President Hunter interviewed for ATO 'Women in Science' project

04 Apr 2016

University of Maine President Susan J. Hunter was interviewed for a service project, "Women in Science," by members of the UMaine chapter of Alpha Tau Omega. The video interview with President Hunter about her career as a faculty member, researcher and administrator is featured in an April 1 post on the ATO Roadshow [website](#).

UMaine Extension to host National 4-H Shooting Sports instructor training

04 Apr 2016

University of Maine 4-H Camp and Learning Center at Bryant Pond has been selected to host the 2016 National 4-H Shooting Sports instructor training this summer at 17 Conservation Lane, Bryant Pond. This is the first time Maine has been selected to host the event, which will be held Monday through Friday, June 6–10. The 4-H instructor training, held in one or two locations each year, attracts participants from around the country. Open to Level I instructors, the training includes youth development, risk management and safety, and opportunities to share knowledge and ideas. Upon successful completion, participants become certified as a Level II instructor trainer, which allows them to train instructors in their home state in one of several shooting sports disciplines, including archery, rifle, shotgun, muzzleloader and pistol. The \$300 registration fee includes meals and lodging. Financial assistance is available for Maine instructors on a first-come, first-served basis. The training is sponsored by Cabela's. Level I instructor training also will be held April 15–17 at Bryant Pond. Level I certification is required to teach shooting sports to youth under 18. Registration and more information are online. For more information, to register for the Level II training in June, or to request a disability accommodation, contact Ron Fournier, 207.665.2068, ronald.fournier@maine.edu.

UMaine Extension mentioned in BDN article on building Maine grain economy

04 Apr 2016

The University of Maine Cooperative Extension was mentioned in the [Bangor Daily News](#) article, "To build Maine grain economy, advocates focus on infrastructure." Grains and oilseeds such as soybeans need to be harvested at specific moisture levels, sorted into different sizes, dried and stored until they can be turned into malted barley for beer, oats for granola, or wheat for bread, according to the article, which mentioned last month's Maine Grain Conference sponsored by UMaine Extension. Over the last several years, UMaine Extension and others have been promoting grains to Maine farmers, including Aroostook County potato growers who already are growing grains as rotation or cover crops but not harvesting them for the human food market, the article states. Last year, UMaine Extension also helped three farms grow spelt, which was milled at Maine Grains in Skowhegan and then sold to bakeries around the Northeast.

WABI reports on Popovich Comedy Pet Theater performance at CCA

04 Apr 2016

WABI (Channel 5) reported on a performance by the World Famous Popovich Comedy Pet Theater at the University of Maine's Collins Center for the Arts. For the last nine years, the family-friendly extravaganza has been based at Planet Hollywood Resort and Casino in Las Vegas. It includes European-style clowns, juggling acts and performing pets.

Popovich, a master animal trainer, employs positive-reinforcement techniques to coach animals to perform tasks based on their individual personalities and talents. Each of the show's 15 cats and 10 dogs were rescued from animal shelters, according to the report, and the Bangor Humane Society was on hand during the performance to encourage pet adoption. "I think it's wonderful when we can bring a show here that brings families together. And also obviously encouraging fostering of animals and pets and seeing that they can be treated well," said Danny Williams, executive director of the Collins Center.

Lewiston area high schools to perform with UMaine Symphonic Band, Sun Journal reports

04 Apr 2016

The [Sun Journal](#) reported bands from Leavitt, Edward Little and Lewiston high schools will perform a free concert with the University of Maine Symphonic Band at 7 p.m. Friday, April 8, at the Leavitt Area High School. The show is part of the UMaine Symphonic Band's performance tour through southern Maine that includes 10 free public performances, school assemblies and community concerts, according to the article. The UMaine band is an auditioned group of 45 woodwind, brass and percussion performers with a repertoire that spans nearly 250 years. It is conducted by Chris White, an alumnus of the Edward Little High School class of 1984, the article states.

BDN highlights advice from Jemison on growing organic gardens

04 Apr 2016

John Jemison, a soil and water quality specialist with the University of Maine Cooperative Extension, provided advice for the [Bangor Daily News](#) article, "What you need to know to garden organic." "There is so much information out there now," said Jemison, who has been gardening for 40 years. In April, Jemison teaches Mainers how to get the most out of their own food production by offering Grow Your Own Organic Garden classes. The courses, which are sponsored by the Maine Organic Farmers and Gardeners Association, are held in adult education facilities across the state, according to the article. Jemison, who runs the Orono Community Garden, strives "to teach people how to grow food effectively," the article states.

Ocean engineering lab cited in Fosters.com article on wave energy prototype

04 Apr 2016

The Harold Alfond W² Ocean Engineering Lab at the University of Maine Advanced Structures and Composites Center was mentioned in a [Fosters.com](#) article about York-based RTI Wave Power, a subsidiary of Rohrer Technologies, Inc. The research and development company was formed to create a scale-model prototype to extract energy from ocean waves, according to the article. The company is a finalist in the \$1.5 million DOE Wave Energy Prize to continue research. When 20 teams were selected as semifinalists, they had to build 1/50th scale models that participated in small-scale tank testing, the article states. One of the five DOE sites chosen nationwide to conduct the tests is the new ocean engineering lab at UMaine, which is equipped with a high-performance rotating wind machine over a multidirectional wave basin, according to the report. "We were very fortunate," John Rohrer, president of Rohrer Technologies, said of having the lab in their backyard. "Maine now has the best wave tank in the country."

WLBZ interviews student about efforts to raise funds, awareness of cancer

04 Apr 2016

[WLBZ](#) (Channel 2) spoke with fourth-year University of Maine student Matt Dexter about his efforts to raise funds and awareness for cancer. Dexter is the president and founder of the Christine B. Foundation — named in honor of his mother who died of stomach cancer when he was 13. To positively affect people fighting cancer, he has organized a seven-day relay run this July that begins in Portland, Maine and ends in New York City. Throughout the event, runners will stop at hospitals along the way to deliver care bags to patients and their families, bringing a little hope and strength to those who need it, according to the report. "We're trying to form a well-rounded support system that we can give to

everyone affected by cancer, and that is quite a lot of people,” Dexter said.

UMaine Center on Aging, EAAA to offer free documentary screening, BDN reports

04 Apr 2016

The [Bangor Daily News](#) reported the University of Maine Center on Aging and Eastern Area Agency on Aging (EAAA) are offering a free screening and guided discussion of the short documentary [“Nine to Ninety.”](#) The half-hour film captures the true story of an elderly couple in California living with one of their adult daughters, her husband and a 9-year-old granddaughter. When the health of one of the older adults takes a turn for the worse, the family must decide how to best meet everyone’s needs, according to the article. The screening and discussion will be held from 1–2:30 p.m. Sunday, April 10, in Room 115 of the D.P. Corbett Business Building on the UMaine campus. Staff from the UMaine Center on Aging and EAAA, as well as film producer Juli Vizza, will be on hand to facilitate discussion and provide resources for families who need guidance as they plan for eldercare, the article states. Dyan Walsh of EAAA also visited the [WABI](#) (Channel 5) studio to speak about the film and screening.

Islamic Awareness Week wraps up with keynote presentations, WLBZ reports

04 Apr 2016

WLBZ (Channel 2) reported on the wrap up of Islamic Awareness Week, which invited members of the University of Maine and surrounding communities to learn about Islamic faith and culture. UMaine’s Muslim Students’ Association (MSA) and the Islamic Center of Maine, an Orono mosque, sponsored the seventh annual event, which culminated with two guest speakers — Jonathan Brown, the Alwaleed bin Talal Chair of Islamic Civilization in the School of Foreign Service at Georgetown University; and Nouman Ali Khan, founder and CEO of Bayyinah, an organization that aims to make Arabic and Qur’anic studies accessible to the world. “If you are ignorant about something, you might hate it. You might have negative ideas and attitudes toward it,” said Yahya Mahmoud, a member of the MSA. Members of the group told WLBZ the week was successful and they think it brought the community closer. [IINA](#) (International Islamic News Agency) cited the WLBZ report.

Porter quoted in Press Herald ‘Maine Gardener’ column about new potato varieties

04 Apr 2016

Greg Porter, a professor of agronomy at the University of Maine, was quoted in the latest column in the [Portland Press Herald](#) “Maine Gardener” series, titled “UMaine research leads to the introduction of two new potato varieties.” The author wrote he was surprised last winter when he saw Caribou Russet and Pinto Gold, two new potato varieties developed at UMaine, offered in several garden catalogs. Porter, who has been in charge of the university’s potato breeding and variety development program since 2007, said the two new varieties are aimed at different segments of the potato market. He said Caribou Russet is a main-crop potato, good for baking, boiling and french fry production, while Pinto Gold is a gourmet/specialty potato intended to reach a niche market. The potatoes appeared in catalogs available to home gardeners because of the relationship the breeding program has developed with small farms that grow seed potatoes and with Winslow-based company Johnny’s Selected Seeds, according to Porter. “We’ve been able to introduce these to both organic growers and standard growers,” he said. “It has been kind of a nice small-scale success story.”

Brucher, student speak with WLBZ about Shakespeare’s First Folio

04 Apr 2016

WLBZ (Channel 2) reported on the Portland Public Library’s exhibit of William Shakespeare’s First Folio. The University of Maine Humanities Center and Department of English co-sponsored a bus trip to Portland to tour collections at the Osher Map Library, as well as attend a public lecture and view Shakespeare’s First Folio. “I think anything that brings young people to the theater to watch the plays, anything that keeps people reading them is great,” said Richard “Dick” Brucher, a UMaine English professor, who delivered “Learning from the First Folio” at the library.

“I’m surprised how much I learned,” said UMaine student Emmaline Lovely about the exhibit. “I was interested to hear a lot of new facts I didn’t know.”

Media report on Literacy Tea event in Bangor

04 Apr 2016

[WABI](#) (Channel 5), [WLBZ](#) (Channel 2) and [WVII](#) (Channel 7) reported on the fourth annual Literacy Tea event held at John Bapst Memorial High School in Bangor. The University of Maine College of Education and Human Development co-sponsored the event that was organized by Literacy Volunteers of Bangor. Susan Bennett-Armistead, a professor of literacy education at UMaine, started Literacy Tea to honor her late mother-in-law who held a similar event every year in Michigan. Literacy Volunteers took over the event in 2013, with the College of Education and Human Development remaining involved as a major sponsor. It has become the group’s largest fundraiser, bringing in about \$17,000 last year. More than 300 members of the community came out to show their support for the program that provides free English language tutoring, according to the reports.

Free play on women in Iran, Islam advanced in BDN op-ed

04 Apr 2016

The [Bangor Daily News](#) published the opinion piece, “Here’s my big hope: One day, being born a female won’t be a curse,” by Reza Jalali, coordinator the Office of Multicultural Student Affairs at the University of Southern Maine. Jalali is the author of “The Poets and the Assassin,” a play about women in Iran and Islam. A free performance of the play will be held at 7:30 p.m. Thursday, April 7 in Minsky Recital Hall on the University of Maine campus “to shine a spotlight on the rights of women in Muslim societies,” according to the article. “For my part, sitting in the dark theater to join UMaine students and community members for the production of my play, I’ll mutter prayers for women fighting battles that easily could be ours, and against ignorance, institutional sexism, transnational terrorism and outdated cultural, traditional, tribal and religious practices,” Jalali wrote.

Tick ID program mentioned in Press Herald article on mild temperatures

04 Apr 2016

The tick identification program offered by the University of Maine Cooperative Extension was mentioned in a [Portland Press Herald](#) article about the effects this winter’s mild temperatures have had on Maine creatures. Typically, ticks are prevalent in Maine for just over half the year, from the middle of spring to the middle of the fall, according to the article. The unusually warm weather this winter, however, meant having only two months free from the pests, said Griffin Dill, coordinator of UMaine’s tick identification program. Dill said the last tick submitted to the program last year arrived on Christmas Day, and samples started coming back before the middle of March, more than a month early. More ticks tend to die during the winter when there are a few weeks in a row of temperatures around zero with no snow on the ground to provide insulation, he said, but that never happened this year. “They are going to be out early in higher numbers,” Dill said. The UMaine tick ID lab also was mentioned in a [WVII](#) (Channel 7) report about vets seeing an increase in Lyme disease among pets, as well as a [Maine Edge](#) article on Lyme disease prevention.

WABI covers Rural Living Day

04 Apr 2016

WABI (Channel 5) reported on the 22nd annual Rural Living Day held in Thorndike. The University of Maine Cooperative Extension and the Waldo County Extension Association hosted the event that included workshops on topics such as building small homes, baking bread, birding, pasturing chickens, plant propagation, making maple sugar and candy, and growing berries in Maine. Proceeds from the event will allow Waldo County youth to attend Tanglewood 4-H Camp & Learning Center in Lincolnville. Organizers told WABI the day is a great way for people to learn about local industries. “We have the opportunity to teach people who want to learn from local speakers. We also get to take the

funds to be able to send kids to camp and they can learn there,” said Vina Lindley, a food systems/youth development professional with University of Maine Cooperative Extension in Waldo County.

Hoskins, Erich speak with BDN about soil testing for home gardens

04 Apr 2016

Bruce Hoskins, a scientist of plant, soil and environmental sciences at the University of Maine; and Susan Erich, director of UMaine’s School of Food and Agriculture, spoke with the [Bangor Daily News](#) for an article about testing soil for home gardens. “The whole local food movement is built on soil health. It’s a huge deal,” said Hoskins, who conducts tests on soil sent in from gardeners, farmers and institutions across Maine, countrywide and abroad. At UMaine’s Analytical Laboratory, he tests for microbial activity, pH levels, chemicals and nutrients, according to the article. “A fundamental piece about farming or gardening is to know your soil,” said Erich, who also is a professor of plant soil and chemistry. “If it’s wet or flooded it can’t change, but sand can be good for certain crops. There is a whole range of soils that can be cropped productively.”

Annual Juried Student Exhibition to open April 8

04 Apr 2016

The University of Maine Department of Art will present the 2016 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 8 to May 6 in the Lord Hall Gallery. The venue provides the opportunity for undergraduate students at all levels to exhibit their work. This year, 60 pieces were selected from more than 300 submissions in a range of media. Paintings, drawings, prints, photographs, collages and design, as well as sculpture and ceramic work are included in the exhibition. The exhibition was juried by Kelly and Jane Littlefield, co-owners of Littlefield Gallery in Winter Harbor; along with Department of Art faculty members Constant Albertson and Andy Mauery. During the April 8 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 prizes, 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.

Putnam blazes ice age career path

05 Apr 2016

Aaron Putnam has been awarded one of most prestigious grants for an early-career scientist. Early career indeed. Putnam has been on the job at the University of Maine for about eight months as the George H. Denton Assistant Professor in the School of Earth and Climate Sciences. In May, he’ll take the reins of a \$591,000 Faculty Early Career Development (CAREER) grant from the National Science Foundation. Over five years, using surface-exposure and radiocarbon dating techniques, Putnam will develop a chronology of mountain glacier retreat during the last great global warming that ended the ice age in the interior mountains of Asia approximately 20,000 to 11,000 years ago. “Chronology is everything in Earth sciences,” he says. “It is essential to know when and how rapidly regions around the planet warmed in order to diagnose what mechanisms led to the warming, and to test available hypotheses.” For Putnam, who earned his doctorate in Earth sciences in 2011 at UMaine, the last glacial termination represents a spectacular natural experiment. It was the last time atmospheric CO₂ rose by a substantial amount prior to the industrial period and clues to this event were imprinted onto the landscape by the glaciers, which are incredibly sensitive to climate change. By examining the signature of the last great warming that drove mountain glacier retreat in the interior of Asia, Putnam seeks to understand the role of radiation-forcing factors — including greenhouse gases and orbital variations — in driving the Earth’s climate. Putnam chose the glaciated mountain ranges of interior Asia because the air temperature in the center of the largest continent is dominated by radiative heating of the landmass. Moderating ocean effects have little influence. Putnam and his team will venture into the Altai Mountains of Mongolia and the Himalayas of China to map and date landforms that document retreat of glaciers at the close of the last ice age. He’ll explore the

role of carbon dioxide and “calibrate” how ice melts and water supplies are reduced in a warming climate. That, he says, will inform understanding of processes that propel the Earth out of an ice age. “If our chronology shows that mountain glaciers receded at the same time as the Antarctic ice cores recorded a ~50 percent increase in atmospheric CO₂ concentrations, then rising CO₂ could be regarded as a viable candidate for what ended the last ice age,” he says. “On the other hand, if our chronology shows that the glaciers receded before, or more rapidly than CO₂ rose, then it would suggest that other factors were involved, such as changes in Earth’s orbit and/or internal reorganizations of the ocean and atmospheric circulation systems.” Putnam has been curious about the natural world and unsolved mysteries for much of his life. His interest in climate science was catalyzed in high school during a scientific cruise through the Arctic Ocean aboard the U.S. Coast Guard icebreaker *Polar Sea*. He worked with scientists from the U.S. Army Corps of Engineers studying physical, chemical and biological properties of Arctic sea ice. “I was living in Barrow, Alaska at that time, where sea-ice concentrations were undergoing noticeable year-to-year changes,” he says. “I was exposed to the importance of developing an interdisciplinary approach to understanding how the climate system works and how it can change.” The NSF CAREER award is, in part, intended to bolster early-career scientists who exemplify the role of teacher-scholar through their research, education and integration of the two. An important goal of Putnam’s project titled “CAREER: The Last Glacial Termination in Interior Asia” is to establish international educational and scientific partnerships. Those collaborations will feature immersive, international, cooperative educational experiences. Putnam and UMaine undergraduate and graduate students will be joined on the project by high school students and teachers from Gary Comer College Prep, public charter school devoted to improving lives of underserved minority students from the South Side of Chicago; science journalism students at Medill School of Journalism at Northwestern University; and graduate and undergraduate scholars from Mongolian and Chinese universities. “All students and instructors will team together to address this important problem of Earth sciences, and will learn by teaching and helping each other,” he says. Last summer, Putnam and UMaine doctoral student Peter Strand conducted glacial geology research and collected samples in Mongolia, a landlocked nation bordered by China and Russia. He’ll analyze samples collected during that expedition for this project. “This work allows me to explore extraordinarily beautiful and remote environments in search of clues that are trying to tell us about how the Earth system works,” he says. Putnam will give a talk titled “The Last Great Global Warming,” at 6 p.m. Thursday, April 14, in Room 57 of Stodder Hall. His free, public presentation is the Invited University of Maine Alumni Lecture, which is part of the 24th annual Harold W. Borns Jr. Symposium. Contact: Beth Staples, 207.581.3777

UMaine’s 2016 Valedictorian and Salutatorian

05 Apr 2016

Nicholas Fried of Millerstown, Pennsylvania, is the 2016 University of Maine valedictorian and Connor Smart of Lincoln, Maine, is the salutatorian. The honors students will receive their degrees at UMaine’s 214th Commencement in Harold Alfond Sports Arena May 14. Fried majored in animal and veterinary sciences, with a minor in chemistry. This fall, he will be an M.D./Ph.D. student at the Louisiana State University Health Sciences Center, Schools of Medicine and Graduate Studies in New Orleans. He plans to become a primary care physician in a medically underserved community and conduct research in zoonotic epidemiology. Smart double majored in accounting and finance, and is the Outstanding Graduating Student in the Maine Business School. He was the 2012 valedictorian of Mattanawcook Academy. After graduation, Smart plans to pursue a career as a certified public accountant in Maine, and be actively



involved in nonprofit and social service organizations. Fried's numerous academic honors include a J. Franklin Witter Undergraduate Research Grant from UMaine, the Helen Louise Stinchfield '18 Memorial Scholarship from the University of Maine Foundation, and the Inez Boyd Environmental Research Award from the Penobscot Valley Chapter of Maine Audubon. As an undergraduate, Fried collaborated on two research projects. In the laboratory of Professor of Chemistry Howard Patterson, Fried assisted Patrick Sheldon, a master's student in chemistry, in research on the degradation of pharmaceutical contaminants in water. In addition, Fried collaborated with veterinarian and associate professor James Weber on his honors thesis research to determine the genetic relatedness of *Haemonchus contortus*, a parasitic worm of small ruminants, found in domestic sheep and wild white-tailed deer in Maine. In 2013–14, Fried spent two summers as a biological field technician stationed in northeastern Montana, participating in the United States Geological Survey's testing of a sylvatic plague vaccination for prairie dogs. In addition, during one of his spring breaks, he worked at the USGS National Wildlife Health Center in Madison, Wisconsin, assisting in the lab work associated with that project. Fried participated in Michigan State University College of Osteopathic Medicine's Summer Undergraduate Physician-scientist-training Education & Research (SUPER) program. In SUPER, he conducted Lyme disease research with professor Jean Tsao and Ph.D. student Seungeun Han, and shadowed physicians in multiple disciplines. Fried also has job-shadowed with physicians at Newport Family Practice near his hometown in Pennsylvania. On campus, Fried was a tutor of student-athletes in biology, physics, chemistry, organic chemistry, biochemistry and medical physiology. He was a member of the UMaine Health Professions Club and the service organization Operation H.E.A.R.T.S. Fried also helped found and serve as vice



president of EWE-Maine Icelandics sheep club. In the spring 2015 semester, Smart interned with the certified public accountants firm of Edwards, Faust & Smith in Bangor, Maine. On campus, he was a peer tutor in accounting and student ambassador in the Maine Business School, and worked in summer 2014 in UMaine's Office of Research and Sponsored Programs. The title of his honors thesis is "A Conceptual Value Function

to Explain the Benefits Derived from Users of Free-to-Play Video Games.” Smart served as president of the UMaine chapter of the Institute of Management Accountants, and was a member of UMaine's Black Bear Men's Chorus. Contact: Margaret Nagle, 207.581.3745

Maine Adolescent Peer Project recruiting participants

05 Apr 2016

The Peer Relations Lab at the University of Maine is currently recruiting youth for the Maine Adolescent Peer Project (MAPP). This study is for youth ages 13 to 17. Youth will visit the lab with a friend of their choosing, answer questions about their friendship and feelings, and be observed while interacting with their friend. About three and six months later, youth will be contacted to complete some follow-up questionnaires. Youth and their friends can earn up to \$60 for completing the project (one 5-minute screening to determine eligibility, one 90-minute lab visit, and two online follow-up questionnaires three and six months later that would each take 60 minutes). Permission from a parent or guardian is required. For more information and to schedule an appointment, visit umaine.qualtrics.com/SE/?SID=SV_9n6walgexPWgzVb, call 581.2757, email the MAPP team, umainepeerlab@gmail.com, or contact Peer Relations Lab director Rebecca Schwartz-Mette, 581.2048; rebecca.schwartzmette@maine.edu.

Ph.D. student pens BDN piece about consequences of early spring

05 Apr 2016

The [Bangor Daily News](#) published Zachary T. Wood's outdoors article about what an early spring can mean for Maine's lakes. Wood is a Ph.D. student in the ecology and environmental sciences program at the University of Maine. During an early ice-out, Wood said the upper reaches of a lake warm faster and lake stratification (a warm layer on top of a cold layer) can happen earlier. If an early spring is followed by a hot summer, he says lake stratification will be stronger and last longer than in an average year. This can result in the lower layer being sealed off without a supply of oxygen. "During a long period of stratification, the lower layer can eventually run out of oxygen completely," Wood writes.

PPH advances Paper Days on April 13–14

05 Apr 2016

The [Portland Press Herald](#) advanced the University of Maine Pulp & Paper Foundation's 66th annual Paper Days slated for April 13–14, at Wells Conference Center. Doug Hall, founder of Eureka! Ranch and a teacher of innovation engineering at UMaine, will present as part of the "Packaging Maine for the Future."

Maine Music Box migrating to Digital Commons

06 Apr 2016

A project to bring full-text scores from the Maine Music Box database into Digital Commons is underway. The first of several series to be migrated is the "Vocal Popular Sheet Music Collection" with 5,200 illustrated sheet music scores now available on [Digital Commons](#). Materials in the public domain, or published before 1923, may be downloaded in full. A selection will include MP3 instrumental recordings of the piece to download.

Fogler offering 'African American Communities' database trial

06 Apr 2016

Fogler Library is offering a trial of the database "African American Communities" from Adam Matthew. According to the website, the database "showcases a diverse range of primary source material focusing on race relations across social, political, cultural and religious arenas. ... Focusing predominantly on Atlanta, Chicago, St. Louis, Brooklyn, and towns and cities in North Carolina, this collection presents multiple aspects of the African-American community through personal diaries and scrapbooks, pamphlets, newspapers and periodicals, correspondence, official records and in-depth

oral histories.” The database trial will be available through April 13 and can be accessed on the [Fogler Library website](#).

High school students to celebrate World Languages Day April 8

06 Apr 2016

About 60 students and teachers from area high schools are expected to celebrate World Languages Day at the University of Maine on Friday, April 8 with a culture bowl, campus scavenger hunt, poetry readings, skits, games and traditional dance lessons. The event will be held from 8:30 a.m. to 1:30 p.m. in the Bangor Room of the Memorial Union, Little Hall and elsewhere on campus. World Languages Day offers an opportunity for local high school students in upper level French and Spanish classes to spend a day at UMaine immersed 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. Students from Bangor High School, Brewer High School and Foxcroft Academy in Dover-Foxcroft are scheduled to attend. Throughout the day, students will get the chance to learn traditional dances from France and Latin America; recite a short poem in French or Spanish; and take part in a campus scavenger hunt and bag skit, an impromptu performance incorporating items drawn from a bag. The UMaine Department of Modern Languages and Classics, along with the Foreign Language Association of Maine (FLAME), is hosting World Languages Day for the third 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, UMaine Humanities Center, Canadian-American Center and FLAME. For more information about World Languages Day, email Maria Sandweiss at maria.sandweiss@umit.maine.edu.

Mitchell speaks at Skowhegan high school, Morning Sentinel reports

06 Apr 2016

The [Morning Sentinel](#) 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, spoke at Skowhegan Area High School on Native American Recognition Day, March 18. Educational events on Native American culture at the school are making inroads toward understanding in the years-long debate over the school’s Indians nickname, according to the article, but school officials say they don’t see the nickname changing anytime soon. Mitchell’s talk, along with a presentation from Barry Dana, the former chief of the Penobscot tribe, were well received, the article states. “It was a great day,” Mitchell said of his Maine native history presentation. “Administration and teachers were awesome and many, many students talked to me afterwards — all good things.”

Ellsworth American interviews Borns about predicted global sea level rise

06 Apr 2016

[The Ellsworth American](#) spoke with Hal Borns, professor emeritus with the University of Maine Climate Change Institute and School of Earth and Climate Sciences, for the article, “Global sea level rise predictions double.” The article cites a study recently published in the journal Science that suggests global sea rise is happening faster than anyone thought, and it could drastically reshape the Maine seacoast and inundate major cities throughout the world by the end of the century. Borns was involved with some of the earliest studies of Antarctic glaciers, according to the article. He said the Antarctic ice sheets were outflows from glaciers on the continent, and they are anchored to the sea bottom. As the sea level rises, the ice sheet floats higher and the “grounding line retreats inland,” Borns said. As that happens, chunks of the shelf “the size of Rhode Island” break off the main glacier and float out to sea. The area above the water melts in the warm atmosphere and contributes to the increase in the sea level, the article states. “If the ocean keeps warming, it’s going to be self-perpetuating,” Borns said. “If nothing changes, it’s going to self-destruct.”

DMC explorers to share ideas, spark discussion at TEDx talks

07 Apr 2016

University of Maine doctoral student Skylar Bayer and oceanographer Bob Steneck will deliver TEDx talks at separate events in May. Bayer, based at the Darling Marine Center in Walpole, will take the stage at TEDxPiscataquaRiver “On

the Edge” on Friday, May 6, at 3S Artspace in Portsmouth, New Hampshire. Bayer, a doctoral candidate in marine biology researching fertilization ecology of the giant sea scallop, is one of 11 scheduled speakers or performers. “Why the sex lives of our seafood matter” is the title of Bayer’s presentation. The recipient of the 2015 Outstanding Service Award from the College of Natural Sciences, Forestry and Agriculture has produced shows for “The Story Collider” and has appeared on “The Colbert Report.” “I am very flattered and see this as a unique and exciting opportunity to present my passion for science and my research,” says Bayer. Tickets are sold out for “On the Edge” but the Portsmouth Public Library is slated to host a watch party from 9 a.m. to 5 p.m. The event also will be streamed at tedxpiscataquariver.com. For more information, visit tedxpiscataquariver.com. Steneck, also based at the DMC, will present at TEDxDirigo “Ebb + Flow: A Special Spring Adventure” on Saturday, May 21, at the 1932 Criterion Theatre in Bar Harbor, Maine. The event, which will celebrate Acadia National Park and the National Park System’s 100th anniversary, will explore how human communities have shaped the form and history of Mount Desert Island and vice versa. The professor of oceanography, marine biology and marine policy whose research has ranged from lobsters and sea urchins in the Gulf of Maine to coral and parrotfish in the Caribbean, will discuss “Sea change: our underwater revolutions — past, present and future.” “We have a revolution going on along the coast of Maine but it is underwater and out of sight,” Steneck says. “Our marine ecosystem can change faster than people or management can adapt. We need to reinvent fishing and management in the near future if we are to preserve Maine’s maritime heritage.” TEDx events are independently organized and created in the spirit of TED’s mission of “ideas worth spreading.”

School of Marine Sciences students to present capstone research

07 Apr 2016

Undergraduate students from the School of Marine Sciences will present the research they conducted for their capstone projects on Thursday, April 7 in Wells Conference Center. Students prepared posters to explain their research, and will be available to answer questions from 3 to 5 p.m. An award ceremony will follow.

UMaine Dining offering Taste of the World April 7

07 Apr 2016

University of Maine students can enjoy authentic cuisine from France, Regional Italy and the Mediterranean at three on-campus dining locations during UMaine Dining’s Taste of the World on Thursday, April 7. During the annual event, menus, decor and music at each dining facility — Hilltop Commons, York Commons and Wells Central — will spotlight a different culture, often in consultation with students or other resident experts from the university’s international community. Hilltop will offer various French dishes, including beef bourguignon, chicken veronique and made-to-order sweet crepes with mascarpone and toppings. Regional Italy will be showcased at York where menu items will include chicken scallopini with prosciutto and provolone cheese; seafood risotto; and an antipasto display of cheeses, tapenades, breads, and marinated and roasted vegetables. Wells Central will highlight a Mediterranean Cruise sampling fare from Sicily, Lebanon and the South of France. Dishes will include lamb and turkey shawarmas, chicken coq au vin, tabbouleh, hummus, baba ganoush, olives and breads. UMaine Dining uses local foods and produce in its recipes, including the international cuisine for Taste of the World. A part of UMaine Dining’s mission is to raise awareness of the value and sustainability of supporting locally sourced produce and products. Although aimed primarily at resident students, anyone in the UMaine community can enjoy the all-you-care-to-eat cosmopolitan menus for \$11.99 per adult; \$5.99 per child 12 or under. The international fare will be served starting at 4:30 p.m. The three dining facilities will close at 2 p.m. for event preparation.

Morning Sentinel cites waste study in article on Waterville composting program

07 Apr 2016

A 2011 waste characterization study by the University of Maine School of Economics was cited in the [Morning Sentinel](#) article, “Waterville launches pilot residential composting program.” The study estimated that more than 38 percent of the trash Maine residents threw away could be composted instead.

Maine Edge advances 22nd HOPE Festival

07 Apr 2016

[The Maine Edge](#) reported the 22nd HOPE Festival will take place from 11 a.m. to 3 p.m. Saturday, April 23 at the New Balance Student Recreation Center at the University of Maine. An organizational fair of more than 50 tables sponsored by progressive groups in Eastern Maine also will be part of the event, according to the article. The festival will focus on creativity — storytelling, art, poetry, puppets, sculpture and film — with activities for the whole family. UMaine art professor Constant Albertson and her art education students will give an illustrated presentation of their community art service project “Weaving a Story,” and will provide the opportunity for participants to help build a weaving, the article states. The HOPE Festival is sponsored by the Peace and Justice Center of Eastern Maine and the Peace and Reconciliation Studies program at UMaine. WABI (Channel 5) also advanced the event.

Gov. LePage addresses students attending ‘Power Dialog,’ media report

07 Apr 2016

The Maine Public Broadcasting Network, WABI (Channel 5) and [WCSH](#) (Channel 6 in Portland) reported on Gov. Paul LePage’s speech during “Power Dialog: Maine’s Energy Future” at the University of Maine. LePage told students attending the event that as they explore future energy options for the state, young Mainers have to consider the effect those choices will have on them, according to MPBN. He said that while clean energy sources are intriguing, currently their costs are not competitive, and this is keeping energy prices high in the state and forcing young Mainers to seek job opportunities elsewhere, MPBN reported. “Power Dialog: Maine’s Energy Future” aims to engage students, faculty and staff at high schools, colleges and universities throughout Maine in a weeklong discussion with state officials about energy and climate policies. Organized locally by Unity College, UMaine and Maine Conservation Alliance, the Power Dialog is a nationwide, nonpartisan educational event focused on bringing students face-to-face with officials in 30 states.

President Hunter quoted in media reports on UMaine, Machias campus partnership

07 Apr 2016

University of Maine President Susan J. Hunter was quoted in [Bangor Daily News](#) and [Portland Press Herald](#) articles about the University of Maine System’s smallest campus, the University of Maine at Machias, entering a “primary partnership” with the flagship campus in Orono. Officials are planning to restructure the Machias campus to integrate some of its administration and academic offerings with UMaine in an attempt to attract students and improve finances, according to the reports. President Hunter said UMaine could benefit from new partnerships and opportunities at a coastal university, considering the university’s integral role in Maine aquaculture, marine science and engineering, according to the BDN. “We really see opportunities back and forth,” she told the Press Herald. [The Ellsworth American](#) and [Mainebiz](#) also reported on the partnership, and the [BDN](#) and [Press Herald](#) published editorials on the topic.

Department of Sociology, Office of Multicultural Student Life debut new websites

08 Apr 2016

The [Department of Sociology](#) and [Office of Multicultural Student Life](#) are among the latest programs to upgrade to the university’s new website template. The [Center for Cooperative Aquaculture Research](#) and [Newman Center](#) also recently upgraded. The new umaine.edu and related pages debuted in summer 2015. For more information on the UMaine website conversion, contact Mike Kirby at mike.kirby@maine.edu or 581.3744.

Fogler offering online guide for conference preparation

08 Apr 2016

Reference Services at Fogler Library has created an [online guide](#) for anyone preparing posters, presentations or papers

for conferences. The tool may be particularly helpful to students participating in the 2016 UMaine Graduate and Undergraduate Student Research Symposium on April 27 at the Cross Insurance Center in Bangor.

Roscoe named 2016 Distinguished Maine Professor

11 Apr 2016

University of Maine anthropologist Paul “Jim” Roscoe has been named the 2016 Distinguished Maine Professor by the University of Maine Alumni Association. Roscoe, a world-renowned leader in cultural anthropology, is a professor of anthropology, and a cooperating professor in UMaine’s Climate Change Institute and the School of Policy and International Affairs. Sponsored by UMaine’s classes of 1942 and 2002, the Distinguished Maine Professor Award annually honors a professor who exemplifies the highest qualities of teaching, research and public service. The recipient is chosen from among nominees and is determined by a selection committee consisting of UMaine alumni and faculty



members.

The award will be presented at the UMaine Alumni Association’s Dining with Distinction event, at which past award recipients, university leaders and alumni will gather. The event will be held from 6–8 p.m. on Thursday, May 12 at Buchanan Alumni House. Thanks to an endowment fund established by the Class of 1942, the award recipient receives a \$4,200 prize, a distinctive blazer and a pewter academic medallion. Roscoe also will be honored as part of the President’s Faculty Recognition Luncheon on May 14. Roscoe joined the University of Maine faculty in 1984. His internationally recognized research interests include the anthropology of war, ecological anthropology and political evolution. His years of fieldwork among the Boiken, the second largest ethnolinguistic group in the East and West Sepik Provinces of Papua New Guinea, led to important theories on the origins of war, incest taboos and political evolution. It also is informing his most recent research focusing on the human dimensions of climate change — how anthropological research can be used in predicting, mitigating and adapting to climate change. Roscoe is lauded for the innovative, interdisciplinary work he brings to bear on the social science, including quantitative and empirical skills, and the ability to tie theoretical reflection to ethnographical data. Roscoe has authored a number of seminal essays in leading anthropology and archaeology journals, and earned one of the field’s most prestigious international honors, the Curl Essay Prize in 1992 from the Royal Anthropological Institute. The Distinguished Maine Professor designation is the latest in a string of prestigious awards Roscoe has received from the UMaine community. He also has received UMaine’s 2010 Presidential Research and Creative Achievement Award and 1996 Presidential Outstanding Teaching Award, and the 2008 Research and Creative Achievement Award from the UMaine College of Liberal Arts and Sciences. Roscoe is described as an inspiring, dedicated educator who successfully incorporates his interdisciplinary research in the classroom to benefit student learning. His teaching ranges from introduction to anthropology and 400-level topics classes to graduate courses in the Adaptation to Abrupt Climate Change NSF IGERT Fellowship program. Students note that his accessibility in and out of class, and his compassion for students make him a model mentor, whether advising a capstone project, honors thesis or Ph.D. dissertation. Roscoe was one of the faculty members who was instrumental in designing and seeking approval for the Department of Anthropology’s new Ph.D. program in anthropology and environmental policy, and a new undergraduate degree in human dimensions of climate change. Other examples of his service to UMaine include two terms as department chair, and development and curation

of a major Hudson Museum exhibition, “Art from the Sepik Basin: The Past in the Present.” Prior to joining the UMaine community, Roscoe was a research associate in the American Museum of Natural History, and an assistant professor of anthropology at Hobart and William Smith Colleges. He received a Ph.D. in anthropology from the University of Rochester in 1983. Founded in 1875, the UMaine Alumni Association represents 107,000 members residing in all 50 states and 112 countries. For more information visit umainealumni.com. Contact: Margaret Nagle, 207.581.3745

Emerging climate change research focus of Hal Borns Symposium

08 Apr 2016

University of Maine graduate students and faculty will make more than 60 presentations about emerging climate change research on topics from lobsters to deer ticks at the 24th annual Harold W. Borns Jr. Symposium on April 14–15, in Stodder Hall. The symposium namesake, Professor Emeritus Harold “Hal” Borns, founded the Climate Change Institute at UMaine in 1973. Aaron Putnam and Richard Judd are the two featured speakers at this 43rd anniversary celebration of the CCI, one of the nation’s leading centers for exploration and research about the climate of the past, present and future. Putnam, the George H. Denton Assistant Professor in the School of Earth and Climate Sciences, will deliver the Invited University of Maine Alumni Lecture 6–6:45 p.m. April 14, in Room 57 of Stodder Hall. Putnam graduated from UMaine with a doctorate in 2011. The title of his lecture is “The Last Great Global Warming.” Judd, the McBride Professor of History at UMaine, will present the David Clayton Smith Lecture from 11:15 a.m. to noon April 15, also in Room 57 of Stodder Hall. Judd’s talk is titled “‘The Year Without a Summer’: Agriculture, Environment, and New England, 1816 and After.” In addition, graduate students and faculty will make oral and poster presentations 12–5:15 p.m. Thursday and 8–11:30 a.m. Friday in Room 57 of Stodder Hall and in the adjacent hallway. More information, including the complete schedule is online.

Times Record advances wild apple pruning workshop in Alna

08 Apr 2016

[The Times Record](#) reported the Midcoast Conservancy will host a wild apple pruning workshop from 2–4 p.m. April 11 at Trout Brook Preserve in Alna. Liz Stanley, of the University of Maine Cooperative Extension in Knox, Lincoln and Waldo counties who coordinates home and school horticulture programs, will lead the workshop, according to the article. Participants will learn how to improve overall health and fruit production of backyard or field apple trees, the article states.

Great Maine Bike Swap previewed in BDN column

08 Apr 2016

The Great Maine Bike Swap at the University of Maine was included in the [Bangor Daily News](#) roundup “5 Things to do this Weekend.” The New Balance Student Recreation Center will hold the Bicycle Coalition of Maine event from 10 a.m. to 1 p.m. Great Maine Bike Swap attendees can choose from hundreds of gently used bicycles, including hybrids, road bikes, mountain bikes, children’s bikes and recumbents at a variety of prices. Admission is \$3 cash; free for UMaine students, children younger than 12 and those selling bicycles at the event. Also at the center from 9:30 a.m. to 1 p.m., Maine Bound will hold its annual Gear Sale.

Sun Journal reports on 4-H STEM Ambassador program in Farmington

08 Apr 2016

The [Sun Journal](#) reported fifth-graders at Cascade Brook School in Farmington have been learning about chemistry from University of Maine at Farmington students who are majoring in secondary science education. The lessons are possible through a partnership between UMF, local educators and schools, and the 4-H STEM Ambassadors Program, according to Dave Allen, a 4-H youth development professional with the University of Maine Cooperative Extension. The STEM ambassadors, through the 4-H program, are provided with lesson plans, worksheets and materials needed for classroom activities.

Camire quoted in Bicycling article on essential nutrients for older athletes

08 Apr 2016

Mary Ellen Camire, a University of Maine professor of food science and human nutrition and past president of the Institute of Food Technologists (IFT), was quoted in the [Bicycling](#) article, “6 essential nutrients for athletes 50 and up.” Nutritional needs continue to evolve as people grow older, according to the article, which is especially noticeable after age 50 when the body may need higher levels of certain essential nutrients to maintain good health and optimal muscle function, at the same time that the body may not be absorbing the nutrients as efficiently as it used to. The IFT recently published a paper summarizing key essential nutritional ingredients that active adults — including cyclists — need after 50, the article states. “Riding places a lot of demands on your body, and as you get older and your body starts breaking down here and there, it’s especially important to stay on top of the nutrition you need to support it and keep it strong and healthy,” Camire said. “These foods and nutrients, as part of a balanced healthy diet, can help.”

Understanding how humanities support veterans focus of annual summit

08 Apr 2016

The fourth annual Maine Humanities Summit aims to deepen the understanding of how the humanities play a crucial role in the post-war homecoming of service people, as well as their family members and communities. The public is invited to join the conversation and enjoy a buffet dinner starting with a reception at 5:45 p.m. Tuesday, April 12 at the Senator Inn in Augusta. “The human experience of war can be captured through storytelling, writing and creative works. Each of these allows returning veterans an emotional outlet to open their hearts and minds, and they allow us to understand a little more about what war is all about,” says Robert “Bob” Patrick, director of the Veterans History Project, a program of the American Folklife Center at the Library of Congress in Washington, D.C. Patrick is one of several panelists who will speak briefly beginning at 6:15 p.m. to initiate a facilitated discussion with the audience examining the question, “What’s the Connection between Veterans and the Humanities?” Other panelists include:

- Lizz Sinclair, director of programs for the Maine Humanities Council, where she leads the council’s Veterans Programs, including the Veterans Book Group;
- Jeff Sychterz, an English professor at the University of Maine at Augusta’s Bangor campus, veteran, and facilitator of the Veterans Book Group at the Bangor Vet Center; and
- Thomas Hayden, a UMaine student majoring in international affairs, president of the UMaine Veterans Association, and a staff sergeant in the Maine Army National Guard who was deployed to Iraq in 2008–2009 and 2011.

Liam Riordan, a history professor and director of the UMaine Humanities Center, says the humanities lead to a deeper self-awareness that is best grasped when explored in a practical manner. The summit panelists were selected for their ability to speak in tangible ways about how literature, history and sharing ideas and experiences are essential to building sustainable communities based on common values, he says. “Veterans already know the humanities,” Sychterz says. “When they come together, they tell stories. Humanities programming simply encourages veterans to discover the connections between their personal stories and the larger human narrative. It is simple but profoundly important work.” The discussion will be followed by dinner at 7:15 p.m. This year’s Maine Humanities Summit is co-hosted by the UMaine Humanities Center (UMHC) and the Cole Land Transportation Museum with additional financial support from the University of Maine at Augusta, as well as the Margaret Chase Smith Policy Center and Maine Folklife Center at UMaine. Registration for the free event can be completed online. For more information or to request a disability accommodation, visit the UMHC website or contact Riordan at riordan@umit.maine.edu or 581.1913. The summit is one of many UMHC events planned for 2016. A public recognition ceremony for Maine National History Day participants will be held 4–5 p.m. before the summit in Augusta’s Cultural Building atrium in partnership with the Maine State Museum, Archives and Library. Guests are invited to celebrate NHD students and view their work during a light reception and talk by Patrick. Contact: Elyse Kahl, 207.581.3747

Nursing students, UVAC to participate in disaster simulation on campus

11 Apr 2016

A bus accident with multiple injuries will be the focus of a disaster simulation April 27 at the the University of Maine for students in the School of Nursing and University Volunteer Ambulance Corps (UVAC). The event, from 1–4 p.m. on campus, will feature a simulated bus accident and 31 actors with a range of injuries, including those that are life-threatening. The bus will be sited in a parking lot beside Alford Stadium; a mock hospital will be set up in the School of Nursing, first floor of Dunn Hall. The simulation will provide hands-on training for 34 UMaine senior nursing students in a 400-level community and population health class, led by assistant professor Kelley Strout. The students will be evaluated on their disaster response, including triage of victims. UVAC staff, led by Student Chief Nicholas Montemurro, a senior nursing student, and Assistant Chief Aiden Koplovsky, a junior who is a zoology pre-med major, will be joined in the accident training exercise by area fire and rescue personnel in the area. Numerous volunteers from the UMaine community are involved in the planning and implementation of the disaster simulation, including makeup artists from the Division of Theatre and Dance in the School of Performing Arts. Directing the simulation is Charlene Ingwell-Spolan, UMaine assistant professor of nursing.

WVII reports on Relay for Life held at UMaine

11 Apr 2016

[WVII](#) (Channel 7) reported on the American Cancer Society's Relay for Life event that was held at the University of Maine. Organizers said they expected more than 300 people to participate in the fundraiser that included walking in the indoor track at the New Balance Student Recreation Center from 6 p.m. Friday to 6 a.m. Saturday, according to the report. "We really want to make sure that people are aware of what's going on," said UMaine student Sara Baird. "Cancer can affect anybody anywhere at anytime, and it's really important that people know, especially a college community. It's important, as young as they are, to get themselves out there and fight back."

Hopkins quoted in BDN article on maple syrup business

11 Apr 2016

Kathy Hopkins, a maple syrup expert with the University of Maine Cooperative Extension, was quoted in a [Bangor Daily News](#) article about Frontier Sugarworks, a maple syrup business owned by VJ Guarino and Carrie Braman. The couple is leasing a 200-acre sugarbush in Sandy Bay Township from the Maine Bureau of Parks and Lands, according to the article. Maine Department of Agriculture, Conservation and Forestry Commissioner Walt Whitcomb said the state is interested in developing its maple syrup industry, the article states. "If we decide to get organized, get more young people and develop the market. ... Maine could do anything it wants," Hopkins told the BDN in 2014.

Media cover Great Maine Bike Swap, Maine Bound Gear Sale

11 Apr 2016

WABI (Channel 5), WLBZ (Channel 2) and [WVII](#) (Channel 7) reported on the Bicycle Coalition of Maine's Great Maine Bike Swap and Maine Bound Adventure Center's annual Gear Sale. The events were held at the New Balance Student Recreation Center at the University of Maine. Bike swap attendees could choose from hundreds of gently used bicycles, including hybrids, road bikes, mountain bikes, children's bikes and recumbents at a variety of prices. During its annual sale, Maine Bound offered new and used gear for outdoor activities such as hiking, climbing, skiing, kayaking and cycling. "A lot of the stuff has been used by the Maine Bound program," Kaitlyn Fowle, Maine Bound coordinator told WABI. "The Maine Bound program runs trips in whitewater rafting or rock climbing or ice climbing or skiing. It's stuff we've moved out of the program so we can sell it to the public for pretty cheap."

Sturm discusses planets, orbits on WVII

11 Apr 2016

David Sturm, an instructional laboratory and lecture demonstration specialist at the University of Maine, visited the studio of [WVII](#) (Channel 7) for an installment of “Science with Sturm.” Sturm spoke about the science of spinning, specifically in relation to planets and their orbits, and demonstrated the motions with an orrery.

UMaine Center on Aging, EAAA offer free documentary screening, WABI reports

11 Apr 2016

[WABI](#) (Channel 5) reported on a free screening and guided discussion of the short documentary “Nine to Ninety.” The University of Maine Center on Aging and Eastern Area Agency on Aging (EAAA) held the event April 10 at the D.P. Corbett Business Building on the UMaine campus. The half-hour film tells the story of an aging couple and the choices they make regarding their health and well-being with their family, according to the report. Following the screening, a discussion on services for the elderly was held, the report states.

WVII covers Employee Recognition and Awards Ceremony

11 Apr 2016

[WVII](#) (Channel 7) reported on the University of Maine’s Employee Recognition and Awards Ceremony held at the Wells Conference Center. The event celebrated employees who have reached 25, 35 and 45 years of service, as well as the 2016 recipients of the Outstanding Classified and Professional Employee Awards and the Steve Gould Award. “With the number of people we have here who are celebrating their service recognition, when you add them all up, this is 1,900 years of service to the University of Maine,” said Larry Lewellen, director of human resources at UMaine.

UMaine cheerleading team wins national title, media report

11 Apr 2016

The [Bangor Daily News](#) and WABI (Channel 5) reported the University of Maine cheerleading team captured a national title during a National Cheerleaders Association competition in Daytona, Florida. UMaine recorded 82.50 points from 10 different categories to win the NCA’s Intermediate All-Girl I title, the BDN reported.

WABI reports on Maine National History Day

11 Apr 2016

[WABI](#) (Channel 5) reported the University of Maine hosted the Maine National History Day competition for the third year in a row. More than 300 middle and high school students and teachers from across the state showcased their work at the event that promotes research and critical thinking through projects in the form of documentaries, websites, papers and performances. “It really is a chance to encourage students to dig deep into a topic they’re passionate about,” said Liam Riordan, a UMaine history professor and director of the UMaine Humanities Center. “So it’s not a kind of history by memorization or a standardized test or fill-in-the-bubble. They have to really be directed by their own passions.” Maine National History Day is a partnership between UMaine and the Margaret Chase Smith Library, with support from the Maine Humanities Council and the Maine Historical Society. Top state winners will be eligible to compete in the national contest in Washington, D.C. in June.

Birkel, Dill quoted in Sun Journal report on warming weather, increase in insects

11 Apr 2016

The Sun Journal quoted research and personnel from the University of Maine in an article on Maine’s warming weather and its effect on insects and the diseases they carry. Between 1895 and 2014, Maine warmed 3 degrees, according to “[Maine’s Climate Future: 2015 Update](#),” a report produced by UMaine’s Climate Change Institute (CCI) and Maine Sea Grant. Even in the midst of the warming trend, there were cold years, many attributed to major volcanic eruptions, according to the article. There will likely be such cool periods again, but “overall, the warming’s probably going to

continue,” said Sean Birkel, Maine State Climatologist, research scientist at CCI and co-author of the report. Extremely cold temperatures kill both ticks and mosquitoes, but as Maine gets warmer, the bugs — and the diseases they carry — are increasingly at home here, the article states. Griffin Dill, an integrated pest management professional and tick ID program coordinator for the University of Maine Cooperative Extension, said he thinks one-quarter to one-third of Maine’s deer ticks will carry Lyme disease this year, depending on the region. “In some cases it could be as high as 50 percent or more,” he said.

Maine Harvest for Hunger featured in BDN

11 Apr 2016

The [Bangor Daily News](#) published an article on Maine Harvest for Hunger, a University of Maine Cooperative Extension program that for the last 15 years has organized gardeners, farmers, businesses, schools and civic groups to grow and donate produce to food pantries, shelters and other food distribution points in the state. Last year the effort brought more than 318,000 pounds of food to 188 distribution centers and individuals with an estimated value of \$537,000, according to the article. “Maine Harvest for Hunger was born out of the realization of rising food insecurity among Maine’s general population,” said Frank Wertheim, an associate professor with UMaine Extension in York County and director of the program. “We had this network of gardeners and volunteers in Maine who met with people at Good Shepherd [Food Bank of Maine] and other food pantries and asked what can we do to help with fresh produce.” Since the program began, it has provided close to 2.2 million pounds of food to people in Maine where the U.S. Department of Agriculture estimates 16.2 percent of Maine households are food insecure, the article states. Now is the time for gardeners wanting to work with Maine Harvest for Hunger to start thinking about potential crops, said Kate Garland, a horticulturist with UMaine Extension. “It’s one of the favorite parts of my job,” Garland said of being involved with the program. “The stories that I hear are really powerful.”

No-till corn planter clinic in Skowhegan

12 Apr 2016

The University of Maine Cooperative Extension and the Somerset County Soil and Water Conservation District will offer a no-till corn planter clinic 10 a.m.–noon Friday, April 22, at Hewett’s Farm, 678 East River Road, Skowhegan. With many Maine dairy farmers reaping the environmental and economic benefits of switching to no-till corn planting, it is critical that the necessary equipment be properly maintained and adjusted. Rico Balzano, an agronomy specialist with the University of Vermont Cooperative Extension and member of the Champlain Valley Crops Team, will lead the meeting. No-till corn production provides several benefits to farms, including time and nutrient management, which contribute to overall cost savings and improved profitability. The workshop is free, and registration is not required. For more information, or to request a disability accommodation, contact the UMaine Extension Waldo County office, 342.5971.

22nd HOPE Festival slated April 23 on campus

12 Apr 2016

The 22nd annual HOPE Festival will be held from 11 a.m. to 3 p.m. Saturday, April 23 at the University of Maine’s New Balance Student Recreation Center. With a theme of “Creating the Future: Art and Social Change,” this year’s event will focus on creativity — storytelling, art, poetry, puppets, sculpture and film — with activities for the whole family. An organizational fair of more than 50 tables sponsored by progressive groups in Eastern Maine also will be part of the event. UMaine art professor Constant Albertson and her art education students will give an illustrated presentation of their community art service project “Weaving a Story” and will provide the opportunity for participants to build a weaving. The free event also will offer food from local vendors, as well as entertainment in the form of documentary films, poetry readings and theater group performances. The HOPE festival, which stands for Help Organize Peace Earthwide, is sponsored by the Peace and Justice Center of Eastern Maine and the Peace and Reconciliation Studies program at UMaine. It is held as a way to celebrate the Earth and the people on it. More information about the HOPE Festival is online.

WVII covers Destination Imagination celebration at UMaine

12 Apr 2016

[WVII](#) (Channel 7) reported more than 300 children visited the University of Maine to take part in the 2016 Maine State Destination Imagination Celebration. Destination Imagination is a nonprofit, volunteer-led, cause-driven organization that aims to inspire and equip students to become the next generation of innovators and leaders. Activities allowed participants to improve skills such as project and time management, teamwork and setting goals, according to the report. Chad Reynolds, Maine's affiliate director of the program, told WVII the event is "all about learning while having fun."

Brewer quoted in AP report on candidate's fundraising for 2nd District race

12 Apr 2016

The Associated Press spoke with Mark Brewer, a political science professor at the University of Maine, for a report about Maine congressional hopeful Emily Cain announcing her fundraising effort is ahead of her 2014 pace. The Democrat running for the 2nd District said she has raised more than \$385,000 in the first quarter, lifting her fundraising total over \$1 million, according to the article. She said her fundraising report to be filed later this week with the Federal Election Commission will show that she has \$785,000 cash on hand, indicating she's chipping away at the fundraising advantage of Republican Rep. Bruce Poliquin, the article states. Brewer said the numbers indicate Poliquin will have a competitive opponent in a high-profile race that's drawing national attention. "You've got a challenger here who's going to have the resources it takes to run a very competitive race against an incumbent seeking his first re-election," he said. The [Maine Public Broadcasting Network](#), [Portland Press Herald](#), [Sun Journal](#), [WMTW](#) (Channel 8 in Portland) and [The Republic](#) carried the AP report.

UMaine Extension bulletin cited in Coshocton Tribune column on farm family relationships

12 Apr 2016

A University of Maine Cooperative Extension [bulletin](#) was cited by the [Coshocton Tribune](#) in a column written by an Ohio State University Extension educator. The article, "Words of appreciation can help farm family relationships," cited a bulletin written by UMaine Extension professors Leslie Forstadt and Tori Jackson, titled "Why 'Thank You' Matters: Expressing Appreciation Toward Partners and Family Members Farming Together." The column included the passage, "Part of running a healthy farm is nurturing the relationships of the people who work and live there. It takes effort and commitment to express and share personal feelings with family members and other people who work with you on the farm. Sharing a few simple words of appreciation and love can make a dramatic difference in farm family relationships."

AP quotes Bayer, Wahle in article on Sweden's proposed lobster ban

12 Apr 2016

Robert Bayer, executive director of the University of Maine's Lobster Institute; and Rick Wahle, a marine scientist at UMaine, were quoted in an Associated Press article about Sweden wanting the European Union to bar imports of live American lobsters. Sweden says the crustaceans could spread disease and overwhelm the smaller European variety by outcompeting them for food, according to the article. Bayer said research on shell disease does not suggest it is contagious, and red-tail disease hasn't been seen in years. Wahle dismissed the danger of interbreeding, another risk raised by Sweden, the article states. He said there is no evidence hybrids of the two lobster species — American and European — are viable in the wild. "Attempts to introduce American lobsters elsewhere have failed," Wahle said. "A newly introduced lobster would face a gantlet of different species that it has no experience with." Bayer also was quoted in a [Portland Press Herald](#) article and [editorial](#) on the proposed ban. [ABC News](#), [WAGM](#) (Channel 8 in Presque Isle), [Savannahnow](#) and [Gloucester Times](#) carried the AP report, and [Mainebiz](#) cited the Press Herald article.

UMaine ROTC field training April 15–17 in Plymouth

13 Apr 2016

About 80 cadets in the University of Maine Army ROTC program will take part in a field training exercise April 15–17 at the Maine National Guard Plymouth Area Training Site in Plymouth. The three-day, two-night 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. This year, the UMaine students will be joined by 60 cadets in the University of New Hampshire Army ROTC program. 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](#).

Media advance Go Bananas Comedy Night

13 Apr 2016

WABI (Channel 5), [Z107.3](#) and [WVII](#) (Channel 7) advanced Go Bananas Comedy Night at Alfond Arena on April 15. The event begins at 6 p.m. with a VIP reception and auction, and a show featuring comedian Jimmy Dunn is slated for 8 p.m., according to the reports. Tickets are available online. Proceeds from the event support the Black Bear Fund, which provides scholarships for UMaine student-athletes, the reports state.

BDN publishes op-ed by Barkan

13 Apr 2016

The [Bangor Daily News](#) published the opinion piece "Tax day, Monopoly and the American nightmare," by Steve 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.

Media report on UMaine Alumni Association's free tuition raffle

13 Apr 2016

[WGME](#) (Channel 13 in Portland), [WVII](#) (Channel 7), WABI (Channel 5) and the [Bangor Daily News](#) reported the University of Maine Alumni Association will hold its annual tuition raffle May 9 at the Buchanan Alumni House on campus. One UMaine student, parent or friend will win free tuition for the 2016–2017 academic year, according to the reports. Tickets can be bought for a suggested donation of \$5 [online](#) or at the the Buchanan Alumni House until May 2. Proceeds from ticket sales will go to student organizations, the reports state.

Brewer quoted in BDN article on Portland's role in North Woods national monument proposal

13 Apr 2016

Mark Brewer, a political science professor at the University of Maine, spoke with the [Bangor Daily News](#) for the article, "Why the path to a North Woods national monument could run through Portland." Greater Portland may have the population and economic base to tip the scales in the controversial national monument debate — even though the region is hours away from the proposed site, and many people neighboring the property have said they don't want it to fall into federal hands, according to the article. While rallying support in southern Maine may help the park's case in Washington, it may hurt it among people nearest the property, the article states. Brewer said those are the constituents who could convince the state's congressional delegation to support the next-level change from a national monument to a national park, which must be approved by Congress. He also called national monument talks in Portland "problematic in terms of political optics." "Anybody anywhere in the state could play a role in this," Brewer said. "But I think most

would agree that the role for a place like Portland should be smaller than the role for a place like Millinocket.”

Gabe contributes to analysis of Republican primaries, CityLab reports

13 Apr 2016

Todd Gabe, an economics professor at the University of Maine, was mentioned in a [CityLab](#) article written by Richard Florida, co-founder and editor at large of CityLab and a senior editor at The Atlantic. Florida wrote the article based on his analysis of the geography of this year’s Republican primaries, which he conducted with a team of political, demographic and economic researchers. The research examines the key economic and demographic characteristics of the counties that voted for each of the three remaining GOP candidates — Donald Trump, Ted Cruz and John Kasich — as well as Marco Rubio, who exited the race last month, according to the article. David Wasserman of The Cook Political Report shared his dataset of Republican primary votes by county. Gabe then matched Wasserman’s primary voting data to data on the economics and demographics of counties, and ran the correlation analysis, the article states.

Press Herald reports on UMaine Business Challenge finalists

13 Apr 2016

The [Portland Press Herald](#) reported on the finalists for the UMaine Business Challenge, the state’s largest student entrepreneurship competition. One of the 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. The competition, which encourages innovation and entrepreneurship, was opened to all Maine college students in 2014. In addition to the top prize, a \$10,000 award also will be given for the best technology-based idea, the article states. Finalists from UMaine are Zechariah Palmetier, who plans to use software to provide a virtual reality experience to those with disabilities; Shaun Veilleux and Kevin Conroy, who have developed an adjustable speedometer that calibrates to the tire size on a vehicle to increase safety and reliability; and Hoang Anh “Christine” Le and Andrea Cunney, who are developing a smartphone application that provides a centralized management platform for organizations to promote events on campus and for students to stay current on social activities; and Nicholas Aiken and Chris Giroux, winners of the Black Bear Hackathon who created an aquaponics system called Aquabuddies. The pitch contest will be held April 23 at UMaine. [Mainebiz](#) also reported on the finalists.

Doctoral candidates organize club, author ‘Oceanography’ article

13 Apr 2016

Three University of Maine marine science students authored an article about developing camaraderie and job skills in “Oceanography” magazine. Doctoral candidates Karen Stamieszkin, Melissa A. May and Alison Chase wrote about their experience creating the Marine Science Professional Development Club (MSPDC) and planning three student retreats at the seaside Darling Marine Center in Walpole. “Indeed, personal connection has been the consistent theme throughout the life of the MSPDC,” they wrote. “It is beneficial to learn from your peers, as well as build relationships that will later become professional collaborations.” During the first two-day retreat, the 20 or so attendees shared prior experiences — which included goat farming and bat habitat specialization. Invited panelists discussed career paths and workshop leaders offered advice on interview skills and salary negotiation. The second retreat included tips on personally connecting with different audiences and how to share compelling stories about their research. At the third retreat, marine scientists gave attendees recommendations about securing a job, including tailoring the curriculum vitae and cover letters. The students’ article, titled “Student-led retreats for graduate student cohesion and career success,” is in the March 2016 special issue [Graduate Education in the Ocean Sciences](#). “Oceanography” is the official magazine of The Oceanography Society. Stamieszkin is a doctoral candidate in oceanography based at the DMC. May is a doctoral candidate in marine biology and Chase in oceanography. They are based in Orono.

UMaine agrees to four-year extension with women's basketball coach Richard Barron

13 Apr 2016

University of Maine Director of Athletics Karlton Creech announced on Wednesday, April 13 that head women's basketball coach Richard Barron has signed a four-year contract extension. "I am very grateful for this offer and the faith that Karlton Creech and President Susan Hunter have shown in me," said Barron. "I am deeply appreciative of the commitment of our players and staff, past and present, who have helped change the culture of our program. I am clearly the beneficiary of their hard work. UMaine is a wonderful university made up of talented people. The women's basketball program has enjoyed a unique and special role representing the university and it is that relevance which makes coaching here such a privilege. I am excited about our returning players, our staff, our incoming players and next year's schedule. While we have made great strides over the past five years, I believe we have an even brighter future. Maureen and I have really enjoyed living in Maine and our children are thriving here. We appreciate the wonderful opportunities that UMaine and this community have afforded us. I appreciate the encouragement and kind words from fans over these past few months and I look forward to seeing you in a packed Cross Insurance Center next November. Again, thank you all for this opportunity." Barron, originally hired as the Black Bears' head coach in 2011, is currently in his fifth year at the helm at UMaine and his 16th overall. The extension runs through the 2020 season with an annual compensation of \$150,000 and increasing by \$5,000 each year. In just five seasons, Barron, the 2015 America East Coach of the Year, has transformed the Black Bears from a four-win team into a perennial favorite in the America East. Under his guidance, the Black Bears have captured back-to-back America East regular season titles, racking up more than 20 wins in each of the last two years. For three straight seasons, the Black Bears have earned spots in postseason tournaments, including two consecutive trips to the Women's National Invitational Tournament (WNIT). With its triumphs on the court, UMaine has evolved into a mainstay member of the Mid-Major Top-25 Poll, finishing 2016 ranked at No. 16. Barron's mentoring has accounted for several all-conference and weekly accolades, along with a number of record-breaking individual and team performances. Barron has reignited a buzz around UMaine women's basketball, one that stretches to all corners of the state. In his first five years, UMaine's home attendance has increased by 62.9 percent, with an atmosphere at the Cross Insurance Center unmatched by any other in the America East conference. UMaine's success on the court continues to be matched by its community service and academic excellence. Academically, the Black Bears finished the 2014–15 season ranked 24th nationally in the Women's Basketball Coaches Association (WBCA) Academic Top 25 Honor Roll with a 3.399 grade point average. Following the 2015–16 season, all 16 members of the team were honored at the UMaine Academic Awards night for achieving individual GPAs of 3.0 or better. Outside of their time committed on the court and in the classroom, members of Barron's team are involved in the community, participating in numerous clinics, school visits and holiday service events. "We are extremely delighted to have Coach Barron staying at the University of Maine," said Creech. "Coach Barron's team has become a model of excellence on the court, in the classroom, and throughout the community. We are happy with the growth and success of the women's basketball program over the last five years but even more excited about the future of this program under his guidance."

2016 ADVANCE Career Recognition Awards to be presented to Van Beneden, White

14 Apr 2016

Rebecca Van Beneden, professor of biochemistry and marine sciences, and Adrienne White, professor of human nutrition, will be honored with University of Maine 2016 ADVANCE Career Recognition Awards at a celebration April 22. The ADVANCE Career Recognition Awards Celebration is from 11 a.m.–1 p.m. in Wells Conference Center. Highlighting the event will be presentations by the award winners: "Research, Rotations, Relationships: A Career of Collaboration and Mentorship" by White; "Human and Environmental Health: Fishing for Answers" by Van Beneden. Van Beneden, director of the School of Marine Sciences, received a Ph.D. in biochemistry from Johns Hopkins University and completed postdoctoral training in molecular oncology at the National Cancer Institute. She was a research assistant professor at Duke University before joining the UMaine community in 1993. Her research focus has been on understanding the mechanisms of response to environmental stressors, including efforts to characterize activation of cancer genes in fish exposed to pollutants. She has studied softshell clams exhibiting gonadal cancers in areas of eastern Maine with a high prevalence of ovarian and other reproductive cancers in women, and mummichog and zebrafish to investigate at the molecular level the response to environmentally relevant levels of arsenic, a common contaminant in Maine groundwater. White received a Ph.D. from the University of Tennessee and became a registered dietitian. She started her career at UMaine in 1988 and currently directs the dietetic internship program. Her research is

developing, implementing and evaluating theory-based nutrition education interventions. She is part of a multistate research team that, since 2001, has been awarded five USDA grants to study young adult behavior, obesity prevention in children and environmental supports for healthful lifestyles. She is principal investigator of iCook: A 4-H Program to Promote Culinary Skills and Family Meals for Obesity Prevention, funded by USDA-National Institute of Food and Agriculture. The ADVANCE Rising Tide Center introduced the Career Recognition Awards in 2014 to celebrate the significant accomplishments of women faculty at UMaine through their teaching, research, constituent service and campus leadership. Highlighting their achievements raises the profile of women scientists and is intended to inspire colleagues at every rank. The event is free and open to the public. To register, contact the ADVANCE Rising Tide Center, risingtide@maine.edu.

Rubin named director of Margaret Chase Smith Policy Center

14 Apr 2016

Carol Kim, University of Maine's vice president for research and dean of the Graduate School, has named economics professor Jonathan Rubin the director of the Margaret Chase Smith Policy Center. The Margaret Chase Smith Policy Center is a nonpartisan, independent research and public service unit of UMaine. Rubin has been a member of the center's faculty since 1998. He received his bachelor's degree in economics from the University of Rochester in 1984 and his Ph.D. in agricultural economics in 1993 from the University of California, Davis. Rubin was a Fulbright Scholar at the Clean Energy Research Centre, University of Botswana and a Visiting Fellow at the Cambridge Centre for Climate Change Mitigation Research, University of Cambridge. He is the chair of the Environment and Energy Section of the U.S. Transportation Research Board of the National Academies of Sciences, Engineering and Medicine. Rubin's research has been supported by the U.S. Department of State, National Science Foundation, U.S. Environmental Protection Agency, U.S. Department of Energy, New England University Transportation Center, and the Maine Department of Transportation. He has provided testimony to the Maine State Legislature and has been featured on Maine television and radio programs.

Maine Edge advances Hal Borns Symposium

14 Apr 2016

[The Maine Edge](#) published a University of Maine news release about the 24th annual Harold W. Borns Jr. Symposium to be held April 14–15 in Stodder Hall. UMaine graduate students and faculty will make more than 60 presentations about emerging climate change research on topics from lobsters to deer ticks. The symposium namesake, Professor Emeritus Harold “Hal” Borns, founded the Climate Change Institute at UMaine in 1973. Aaron Putnam and Richard Judd are the two featured speakers at this 43rd anniversary celebration of the CCI, one of the nation's leading centers for exploration and research about the climate of the past, present and future.

UMaine research cited in Alternative Daily article on organic, nonorganic produce

14 Apr 2016

Research from the University of Maine was cited in [The Alternative Daily](#) article, “The truth about organic and non-organic fruits and veggies.” A [study](#) conducted by UMaine's Department of Food Science and Human Nutrition found distilled water is equal or better than three different commercial fruit and vegetable washes, according to the article. Using water also saves money, the article states.

Media report on contract extension for women's basketball coach Barron

14 Apr 2016

Multiple news organizations, including the [Bangor Daily News](#), [Portland Press Herald](#), WLBZ (Channel 2), WABI (Channel 5), WVII (Channel 7) and [WGME](#) (Channel 13 in Portland) reported University of Maine women's basketball coach Richard Barron has signed a four-year contract extension. “This is a great day. I'm really excited about continuing to build the program,” Barron told media. “This is a great place. I have a lot invested in the people that are

here and they obviously have a lot invested in me.” Barron, originally hired as the Black Bears’ head coach in 2011, is currently in his fifth year at the helm at UMaine and his 16th overall.

Carlson speaks about Maine AgrAbility for BDN article on goat farm

14 Apr 2016

Lani Carlson, Maine AgrAbility Project coordinator with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for an article about how the program helped the owner of Gentle Meadow Goat Farm in Winterport. The Maine AgrAbility program is a nonprofit partnership among UMaine Extension, Goodwill and Alpha One that assists farmers, loggers and fishermen with disabilities and chronic illnesses so they may remain active in production agriculture. “It’s a completely free resource for people working in production agriculture in Maine,” Carlson said. After an initial assessment in which Maine AgrAbility staff visited Shea Rolnick’s farm and observed how she worked, the program helped her implement changes on the farm, according to the article. “It’s a way of developing a life for me that works around my health concerns,” said Rolnick, who has suffered from PTSD and other health issues, such as asthma and muscle spasms, the article states. “She took our ideas and made a beautiful work room in her home for her soap,” Carlson said. “It’s very methodically designed in terms of her work flow.” [WGME](#) (Channel 13 in Portland) also carried the report.

Science of brewing being taught, researched by School of Food and Agriculture professors

14 Apr 2016

Something’s brewing at the University of Maine. Two professors in the School of Food and Agriculture at the University of Maine have been teaching about the science of brewing, and have been conducting research related to brewing. For the past three years, Jason Bolton and Brian Perkins have taught a course they developed — FSN 121 Brewing with Food Science. This is such a popular course, enrollment has had to be capped at 80 students per semester. Several students who have taken the class are now working in the Maine brewing industry. Bolton and Perkins also have a research brewery, complete with a pilot brewing system and a temperature-controlled fermentation system. Currently, the researchers are completing a project in collaboration with Nexcelom Bioscience, using one of its high-tech instruments to follow *Brettanomyces* yeast cell growth and viability. Their findings will help inform the new Belgian-style “sour beer” frontier. Perkins’ laboratory has an array of analytical instruments, most of which have been purchased through competitive grants from USDA and industry partnerships, to help grow the Maine food economy. This instrumentation has been used for numerous research projects, ranging from work with lobsters, sea urchins, apple cider, tomatoes, blueberries, potatoes, etc. And, for the past few years, beer and unique/novel mineral spirits. UMaine has several research collaborations with Maine breweries, including Allagash, Orono and Black Bear Brewing. UMaine graduate students involved in the research include Brian Martyniak, who is working in collaboration with Allagash on *Brettanomyces* yeast strains for fermenting sour beer. Graduate student Matt Hodgkin is beginning research on mycotoxin prevention in hard cider, which is becoming another important Maine product. UMaine’s Highmoor Farm in Monmouth is conducting research to assess the viability of various hop varieties grown in Maine climate conditions. Perkins will help identify and quantify the individual alpha and beta acids produced by the hops. The goals of all this research are to work with Maine food businesses, including breweries and other fermentation facilities, to help answer questions regarding the quality and safety of processes and products. In addition, incorporating coursework and research into UMaine graduate and undergraduate programs will help provide a highly educated workforce for Maine’s burgeoning brewing, fermentation and distilling industries.

Gorse evaluates how much aquaculture regions can support

14 Apr 2016

Graduate research assistant Libby Gorse, whose lab is in the basement of Boardman Hall at the University of Maine, is excited about research she’s spearheading for a Sustainable Ecological Aquaculture Network (SEANET) project. She and Aria Amirbahman, professor of civil and environmental engineering, are studying the effects that aquaculture farms have on sediment below them. Gorse, a civil engineering Ph.D. student, has been interested in chemistry and has been

using chemistry lab equipment since she was a youth. Her father was an analytical chemist and Gorse followed in his footsteps and studied chemistry at Baldwin Wallace University in Berea, Ohio. Maine EPSCoR at the University of Maine administers the SEANET project. A five-year, \$20 million grant from the National Science Foundation is being utilized to learn how different types and scales of aquaculture fit into the state's multiuse working waterfront. Researchers will monitor the environment through field investigations, lab analysis and buoy-based sensor technology to learn about trophic dynamics of aquaculture in Maine's coastal ecosystem. Specifically, they'll study how nutrients move from the physical environment into living organisms and are then recycled. SEANET has split the state into three bioregions to study in-depth and determine how much aquaculture an area can support. The Maine coast serves as a living laboratory, allowing researchers to explore the special feasibility of aquaculture operations. Gorse will explore each bioregion to contribute to an understanding of the carrying capacity — what density of aquaculture operations can be maintained, what kind of sites, and how many sites are appropriate — considering local conditions. "My study will look at the different biodeposits from oysters, mussels, finfish and all the different operations Maine supports," she says. "We need to grasp how to balance aquaculture operations to keep everything healthy and know how many sites or types of sites are appropriate." By studying the sediment below aquaculture farms, Gorse and Amirbahman seek to learn how best to advise aquaculture farmers regarding growth and placement of farms along the coast. "It's important to know the footprint — chemical and biological — of these farms," Amirbahman says. "It's especially important for us to understand the role that these operations have on the overall nutrient budget of these systems. It will help us understand where to site — for instance how far apart from each other these operations should be. What kind of flushing rate you have, for instance — dilution via the tide or the current that can solve a lot of problems." **Collaboration across departments** To create equipment for her study, Gorse worked with UMaine's Advanced Manufacturing Center (AMC) to construct flux chambers to hold sediment samples. A pump system moves water through the chambers and a chiller unit keeps the temperature of the samples at a consistent bottom water level of 45–55 degrees Fahrenheit. John Belding, AMC director, says facility professionals and researchers collaborate to fabricate products and move research forward. "For Libby's project, we worked from drawings and pictures of other systems that were used at other universities," he says. "We came up with a design that met their needs based on what they were doing. Libby's research is specialized, so it needed some special equipment to accomplish it." Belding says engineering students employed at the AMC get an opportunity to work on different parts and components of the project, from doing drafting drawings to being hands-on engineers. "It teaches students a lot about what it means to be a project manager," he says. After months of testing and trial and error, Gorse's system works just as she envisioned it. She plans to have preliminary results from the project in two to three months. **Working with stakeholders** The next phase of the study, likely in summer 2017, will be to gather samples from beneath aquaculture farms and obtain comparison samples from outside the area. Work like this has never been done in Maine, Amirbahman says, and will be important for the next stage of research. And, just as it's important for various UMaine departments to collaborate, it's key for researchers to work closely with farmers. "We look forward to being educated and informed on the very practical aspects of this work," Amirbahman says. "These are aspects that you don't read in scientific papers or books. These are people with experience. We need to get a better understanding of the impact of these facilities, especially on the environment and being able to inform them about the carrying capacity of the region." This research, say Gorse and Amirbahman, will help grow a viable aquaculture economy in Maine. Contact: Andrea Littlefield, 207.581.2289

Business students invite community to International Trade Show

14 Apr 2016

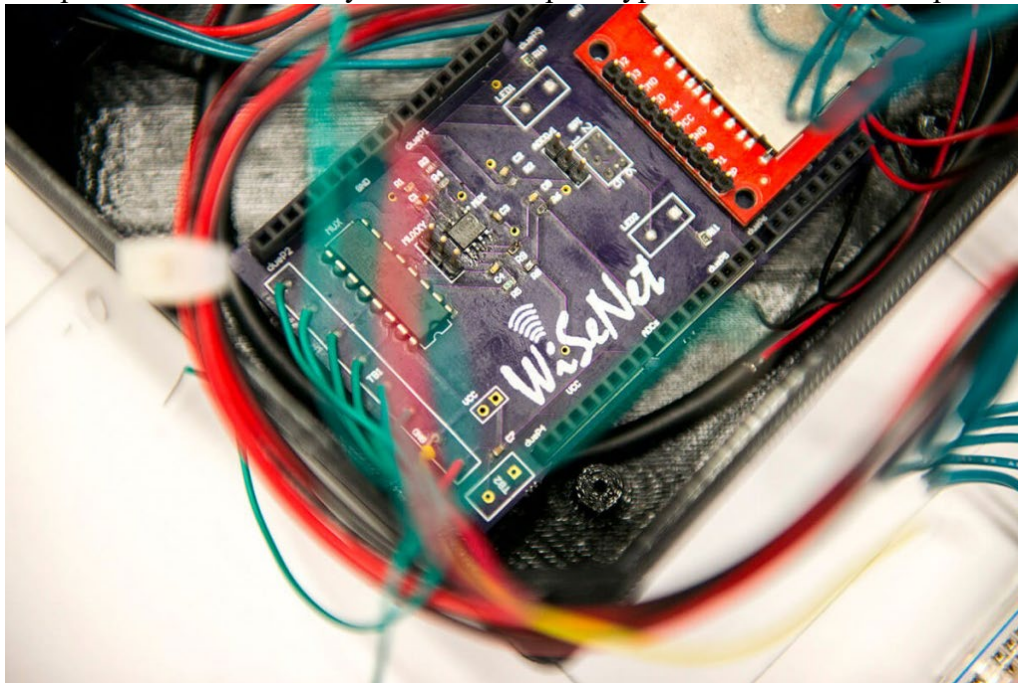
Planning a trip to Norway, Fiji, Australia, Italy or Thailand? Eager to know more about its customs, food, languages and transportation? The Second Annual International Trade Show at the University of Maine is just the ticket to learn about these countries and 30 other global destinations. UMaine students in Clint Relyea's Introduction to International Business course invite people from campus and surrounding communities to the trade show from 10 a.m. to 2 p.m. Tuesday, May 3, at the New Balance Student Recreation Center. More than 100 student "economic development officers" will be discussing the exports, history, education and health care systems of the selected countries, said Relyea, a Maine Business School lecturer in management. To prepare, students have corresponded with consulates and embassies from Barbados to Turkey to learn about U.S. businesses in the global economy. They've focused on world trade and investments, international economic relationships and understanding cultural diversities. They also analyzed challenges and opportunities involved with establishing, conducting and maintaining business activities in worldwide markets, Relyea said. The student exhibitions will be evaluated on content — including relevance and quality of

information — as well as overall appearance and creativity. Judges will be: Jeffrey Porter, director of the U.S. Export Assistance Center of Maine; Jeffrey Bennett, senior trade specialist for the Maine International Trade Center; and Lucy Sommo, director of international recruitment at the University of Maine. Relyea said last year's well-attended show — intended to introduce the world to the Maine Business School and introduce the Maine Business School to the world — was a hit with students and attendees. In reflective papers, Relyea said students indicated they learned a great deal from the hands-on, experiential project. One team was so inspired and curious, it visited Austria — the country it had researched. To share the show's academic successes with a wider audience, Relyea and Sarath Nonis from Arkansas State University will present a paper they authored at the June meeting of the Academy of International Business in New Orleans. Contact: Beth Staples, 207.581.3777

UMaine researchers' wireless leak detection system bound for International Space Station

14 Apr 2016

A wireless leak detection system created by University of Maine researchers is scheduled to board a SpaceX rocket bound for the International Space Station this summer. The prototype, which was tested in the university's inflatable lunar habitat and Wireless Sensing Laboratory (WiSe-Net Lab), could lead to increased safety on the ISS and other space activities. This is the first hardware from UMaine in recent history that is expected to function in space for a long period of time, according to the researchers. In advance of the Aug. 1 launch, UMaine researchers are working with NASA to prepare three of the wireless leak detector boxes for flight. From April 18–20, electrical engineering graduate students Casey Clark and Lonnie Labonte will test the payload, perform an electromagnetic interference (EMI) test, and complete the Phase 2 safety review of the prototype at NASA Johnson Space Center in Houston, Texas.



The project was one of five in the nation to receive funding from NASA–EPSCoR for research and technology development onboard ISS. Ali Abedi, a UMaine professor of electrical and computer engineering, was awarded the three-year, \$100,000 NASA grant through the Maine Space Grant Consortium in 2014. Collaborators on the project include Vince Caccese, a UMaine mechanical engineering professor, and George Nelson, director of the ISS Technology Demonstration Office at the NASA Johnson Space Center. Leaks causing air and heat loss are a major safety concern for astronauts, according to Abedi. It is important to save the air when it comes to space missions — find the leak and fix it before it's too late. The project involves the development of a flight-ready wireless sensor system that can quickly detect and localize leaks based on ultrasonic sensor array signals. The device has six sensors that detect the frequency generated by the air as it escapes into space and triangulates the location of the leak using a series of algorithms. The device then saves the data on SD cards that are sent back to Earth. The device is fast, accurate and capable of detecting multiple leaks and localizing them with a lightweight and low-cost system, according to Abedi. “Our goal is to push the boundaries of hardware and software to design a highly accurate, ultra-low-power and lightweight autonomous leak detection and localization system for ISS,” says Abedi, who directs the WiSe-Net Lab. Similar systems on the market require astronauts to walk

around with a device, scanning walls to detect holes, while the team's prototype offers a "set-it-and-forget-it" solution, says Clark of Old Town, who graduates in May and will begin work this summer as a ground segment engineer at SpaceX in Hawthorne, California. "This is the first step in a very progressive movement to monitor structural parameters of spacecraft and the ISS," says Labonte of Rumford. The lab prototype was developed from scratch by Clark and Labonte, and includes components that were both created with a 3-D printer and bought off the shelf. Their work followed that of UMaine Ph.D. student Joel Castro and postdoctoral fellow Hossein Roufarshbaf, who developed a leak localization algorithm as part of a previous NASA EPSCoR project. The additional funding allowed the researchers to make the system more rugged and capable for microgravity environment testing at the NASA Johnson Space Center, and eventually onboard the ISS. While the devices are in space, astronauts who live in the ISS will install each of the three identical boxes and allow them to collect data for two intervals of about 30 hours, for a total of 60 hours each, according to the researchers. "While the hardware is in space, our team at UMaine will be on standby mode until data collection is completed," Clark says. "The system is designed to be automated. So we do not interact with the device during on-board operations." After each device collects data, NASA will send the information to the researchers for analysis and processing. Once the hardware returns to Earth on a re-entry vehicle sometime next year, the team will observe how well the devices survived the launch, deployment and return with the intention of proposing a new design for the next generation, the researchers say. Contact: Elyse Kahl, 207.581.3747

Conference hosting available through Digital Commons

15 Apr 2016

DigitalCommons@UMaine offers online conference hosting to members of the university community. The platform allows organizers to manage workflows, recruit submissions, embed multimedia features, accept registrations, and publish proceedings in an open-access forum that is search engine optimized and expands the scholarly impact of a conference to a global scale. An example of online conference hosting is the [website](#) for the 2nd International Conference of Fish and Shellfish Immunology. To learn more about this free resource, contact your [library subject specialist](#) or Kimberly Sawtelle, 581.1692, kimberly.sawtelle@maine.edu.

Student groups to raise awareness of sexual assault during ninth annual Healthy High

15 Apr 2016

More than 700 people are expected to participate in the ninth annual Healthy High 5k/10k and 1-mile run/walk at the University of Maine on Wednesday, April 20. The race, which begins at 4:20 p.m. outside UMaine's New Balance Student Recreation Center, promotes health and wellness for members of the university and surrounding community. This year, UMaine's Sexual Assault and Relationship Violence Prevention Committee is sponsoring the free 1-mile fun run/walk. Participants of the mile event are encouraged to wear teal — the ribbon color for sexual assault awareness. UMaine student organization Male Athletes Against Violence (MAAV) also will host the awareness event, "Man Enough to Walk a Mile in her Shoes." Members of the group will walk the 1-mile course wearing red high heels to symbolize the challenges of being a woman in today's society, as well as to raise awareness about sexualized violence against women. Those interested in making a poster to line the 1-mile route should email Arianna Sessoms, arianna.sessoms@maine.edu or Elizabeth Lavoie, elizabeth.lavoie@maine.edu. Registration for the 5k/10k is available [online](#) or in the Memorial Union, Room 235. Early registration fees for the 5k are \$5 for students, \$20 for others. Early fees for the 10k are \$10 for students, \$25 for others. Race day registration fees for both the 5k and 10k races are \$10 for students; \$25 for others. Proceeds benefit the UMaine Bodwell Center for Service and Volunteerism and the Black Bear Exchange food pantry and clothing exchange. In addition, donations of used footwear will be collected for Soles4Souls. Prizes will be awarded to 5k and 10k participants, as well as T-shirts for the first 500 registrants. UMaine employees who take part are eligible to earn RiseUP wellness points. Volunteer opportunities are available on race day from 10 a.m. to 6:30 p.m. For more information about volunteering, email Mamie Clarke, mamie.clarke@umit.maine.edu. For more about the event or to request a disability accommodation, visit the race [website](#) or call Lauri Sidelko at the Student Wellness Resource, 581.1423

Safety alert for Healthy High Road Race April 20

15 Apr 2016

UMaine's ninth annual Healthy High 5k/10k road race will be held Wednesday, April 20, from 4:20–6 p.m. More than 800 runners, walkers and volunteers are expected to participate. Members of the university community driving on campus, and on Park Street and College Avenue in Orono during that time are asked to use caution and expect delays. The 5k race route will take runners from the New Balance Recreation Center to Rangeley Road and out the Park Street campus entrance. Runners will proceed to College Avenue and return to campus via the Alford entrance, ending at the New Balance Student Recreation Center. Expect delays at all UMaine street entrances. Yield to runners and pedestrians. Information about participating in the ninth annual Healthy High 5k/10k road race is [online](#). Cheering is encouraged.

Parking lot to replace fraternity house, BDN reports

15 Apr 2016

The [Bangor Daily News](#) reported the University of Maine plans to demolish the century-old Sigma Nu fraternity house this summer after the property association that owns the run-down structure hands over ownership. Since renovations costs have been estimated at \$1 million, the association, which currently leases the house to another fraternity, decided its best option was to give the building to UMaine, according to the article. The university, which is trying to reduce its overall building footprint, will demolish the structure about a month after taking ownership, said Robert Dana, UMaine's vice president for student life and dean of students. "Losing a fraternity and its house is a sad moment for UMaine and at this point, since fraternities and sororities are not interested in UMaine managing their properties, we were unable to consider other options for the building," Dana said. The University of Maine System Board of Trustees approved the property acquisition and demolition project during a meeting last month, the article states. The university plans to convert the space into a parking lot, but has the option of developing something else there in the future, Dana said.

UMaine Extension cited in Press Herald article on meat processing, packing facility

15 Apr 2016

The University of Maine Cooperative Extension was mentioned in a [Portland Press Herald](#) article on Central Maine Meats, the first new USDA-inspected meat processing and packing facility to open in Maine in years. The owner of the Gardiner business said he knew enough about the local food movement to know that there was a need for more slaughterhouses and butchers to prepare Maine-raised beef, pigs and lamb for retail sale, according to the article. In a survey conducted for the Maine Sustainable Agricultural Society, UMaine Extension found 61 percent of producers said that the lack of processor availability was a barrier to growth, the article states.

UMaine, Orono police launch pedestrian safety campaign, WLBZ reports

15 Apr 2016

[WLBZ](#) (Channel 2) reported the University of Maine is partnering with the Orono Police Department to launch Heads Up, a pedestrian and crosswalk safety campaign. In 2015, the state experienced the highest number of pedestrian deaths in almost 20 years. The goal of Heads Up is to raise awareness that drivers on campus and in Orono need to slow down and pay attention for pedestrians trying to cross in crosswalks. "We have officers working special details right now that are out looking for distracted driving, people that are not stopping for pedestrians in the crosswalks and for speeders and for other violations," said Orono Police Chief Josh Ewing. In addition, pedestrians are reminded of the need to use crosswalks and sidewalks where possible, avoid wearing dark clothing at night, and look both ways before crossing a road. When walking at night, reflective clothing and flashlights are recommended. [WABI](#) (Channel 5) also reported on the campaign.

College of Natural Sciences, Forestry, and Agriculture to honor three outstanding faculty members

15 Apr 2016

The University of Maine College of Natural Sciences, Forestry, and Agriculture will honor faculty in economics, agronomy and forestry during a ceremony at 3 p.m. April 25 in Nutting Hall. The recipients are:

- Outstanding Teacher: Caroline Noblet, assistant professor, School of Economics
- Outstanding Public Service: Gregory Porter, professor of agronomy, School of Food and Agriculture
- Outstanding Research: Aaron Weiskittel, associate professor of biometrics and modeling, School of Forest Resources, Irving Chair of Forest Ecosystem Management



Noblet overhauled the School of Economics undergraduate academic program and established a teaching laboratory that has reached thousands of students during her short tenure. According to peers, Noblet's work also is exemplary in the classroom, where she introduces many students to the field of economics for the first time. "She brings her research program to the classroom, infecting her students with understanding that economics is a discipline alive, not just chapters in a textbook," said Alan Kezis, former associate dean for the college. Noblet is a Maine native who enjoys studying natural resource decision-making and working with students at the undergraduate and graduate level. In 2012, she earned the college's 2012 Outstanding Graduate Mentor Award. Noblet is most interested in considering the changing environmental and economic landscape of her home state and how UMaine students can be



prepared to step in as leaders.

Porter has dedicated three decades at UMaine to solving challenges faced by potato growers in the state and beyond. His research and service focus on solving nutrient management problems, improving soil productivity through crop rotation and soil amendment use, and developing new potato varieties. In the past two years, in partnership with the Maine Potato Board, he introduced three new varieties in an effort to provide growers with high-quality potatoes that have higher yields and better disease resistance than current varieties. Porter's time is officially devoted to research and instruction. But he also regularly responds to questions from

the public and frequently shares his expertise in state and national forums. Porter has served the college on a number of committees, sometimes as chair. The nature of Porter's research, coupled with his efforts to ensure his findings are accessible to those working on the ground, provide a public service for potato growers and consumers the world over.



Weiskittel joined UMaine in 2008 and has garnered nearly \$5 million in competitive extramural funding for his research, published more than 65 articles in forestry and scientific journals and authored a book titled "Forest Growth and Yield Modeling." He is globally regarded as an authority on forest biometrics and modeling and is the associate editor for three journals of forestry. New forest growth and yield models, which Weiskittel recently unveiled for Maine's Acadian forests, are vital tools for scientists and land managers to predict future wood supplies, wildlife habitat and ecological conditions. "Forest growth models are only unveiled every few decades in most regions. So, Dr. Weiskittel's accomplishment represents a significant milestone in forest management. He is literally on a path that will significantly improve forest management efforts across the region," said Robert Wagner, director of the Center for Research on Sustainable Forests and the Henry W. Saunders Distinguished Professor in Forestry. "Dr. Weiskittel's research accomplishments exemplify the highest performance we hope for in professors at a land grant university." Contact: Erin Miller, 207.581.3204

Zimmerman Memorial Fitness Challenge to be held April 23

18 Apr 2016

The Blue and Gold Team at the University of Maine will host the 2016 1st Lt. James R. Zimmerman Memorial Fitness Challenge on April 23. 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, as well as surrounding fields and trails. The challenge was established in 2011 to honor and remember Zimmerman, a 2008 UMaine Naval Reserve Officer Training Corps (NROTC) graduate from Houlton, 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 for UMaine students, faculty and staff; \$80 per team for others. T-shirts are included with registration and can also be purchased for a suggested \$20 donation. Proceeds from the event go toward the 1st Lt. James R. Zimmerman Memorial NROTC Award to aid future graduates of the UMaine NROTC program. A free barbecue for all participants will be held after the challenge. More information about Zimmerman and the event is available on the event's [website](#) and [Facebook](#) page or by emailing zimmermanfc@gmail.com.

UMaine to host JROTC 100th Anniversary 5K Fun Run

18 Apr 2016

The University of Maine is one of more than 800 organizations around the world that will host a 5K Fun Run to commemorate the 100th anniversary of the Junior Reserve Officer's Training Corps (JROTC) on Saturday, April 23.

Runs will be held simultaneously beginning at 11 a.m. EST. UMaine's run will start outside the Harold Alfond Sports Stadium. Organizers of the international effort are encouraging members of the public to participate to help JROTC cadets attempt to break a world record and make the event the largest run in military history. Cadets from high schools in Bangor, Brewer, Hermon and Old Town, as well as Nokomis in Newport, are expected to take part. In addition to hosting, UMaine ROTC cadets also will participate. "The young men and women of the JROTC programs live and breathe service," says UMaine Army ROTC Master Sgt. Sean O'Brien. "We have seen them in both our schools and communities working tirelessly to make them better. I am proud of their hard work, dedication and service. The University of Maine Army ROTC is proud to join them in celebrating their 100th year anniversary." The walk/run is open to anyone. Registration is free for JROTC/ROTC cadets; \$24 for others. Registration is [online](#) and includes a commemorative T-shirt. UMaine's ROTC program will receive \$5 for each noncadet who registers for the event. For more information or to request a disability accommodation, contact Adrienne Germanakos at adrienne.germanakos@umit.maine.edu, 516.640.6555. JROTC is a military-supported high school program that aims to educate high school students in leadership roles while making them aware of the benefits of active citizenship. The JROTC curriculum emphasizes academics, citizenship, character development, leadership skills, physical fitness and community service. More about the JROTC 100th Anniversary 5K Fun Run is [online](#).

President Hunter, Dagher inducted as honorary members of honor societies

18 Apr 2016

On April 17, University of Maine President Susan J. Hunter was inducted as an honorary member of All Maine Women Honor Society. Professor Habib Dagher, executive director of the Advanced Structures and Composites Center, was inducted as an honorary member of Senior Skull Honor Society. All Maine Women, founded in 1925, recognizes distinguished leadership, scholarship and service to UMaine and the campus community by outstanding women in the incoming senior class. The Class of 2017 is Emily Illingworth, Elizabeth Proctor, Kathryn Asalone, Allison Scully, Kayley Johnson, Ginger Kieffer, Cecelia McEachern, Allyson Eslin, Natalie Bolduc, Meredith Stewart, Sage Duguay and Rachel Dow. Senior Skull, founded in 1906, recognizes dedicated UMaine service. Newly inducted members of the Class of 2017 are Matthew Beauregard, Thomas Beutler, Kevin Bois, Zachary Bowen, Jordan Carr, Brady Davis, Joey Davis, Timothy Edison, Ryan Flanagan, William Nash and Ryan Nicols.

Schmitt to release book on park history, Mount Desert Islander reports

18 Apr 2016

Mount Desert Islander reported Catherine Schmitt, communications director for Maine Sea Grant College Program at the University of Maine, will release her newly published book, "Historic Acadia National Park," at a launch party May 18. The event will take place at 5:30 p.m. at the Northeast Harbor Library in collaboration with the library and the Mount Desert Island Historical Society, according to the article. Schmitt's book is a collection of true stories about the natural and human history of Acadia National Park, including some new and unfamiliar tales of one of America's most popular parks, the article states.

Yarborough cited in BDN article on USDA purchase of Maine blueberries

18 Apr 2016

David Yarborough, a blueberry specialist with the University of Maine's Cooperative Extension, was mentioned in a [Bangor Daily News](#) article about the U.S. Department of Agriculture's approval to spend \$13 million to buy 30 million pounds of surplus wild blueberries in Maine. In a joint statement, Maine's congressional delegation said growers faced declining prices and increased competition last year because of record crop sizes in the past two years, the article states. Yarborough told the BDN in January that the average prices for 2015 would likely be lower than the 60 cents per pound received the previous year, according to the article.

Ranco to participate in panel on Edward Curtis' photographs, Press Herald reports

18 Apr 2016

Darren Ranco, chair of Native American Programs and coordinator of Native American Research at the University of Maine, was mentioned in a [Portland Press Herald](#) article about the Portland Museum of Art exhibit, "Edward Curtis: Selections from the North American Indian." Ranco, who also is an anthropology professor at UMaine, will participate in the panel discussion, "Exploring the Legacy of Edward Curtis' Photographs," at 4 p.m. May 6 at the museum, according to the article. The discussion will follow a gallery talk at noon by George Neptune, a Passamaquoddy basketmaker, the article states.

BDN reports on Maine Savings debit card proceeds for UMaine Athletics

18 Apr 2016

The [Bangor Daily News](#) reported on the progress of the Maine Savings Federal Credit Union's Black Bear Debit Card. When the card was unveiled in 2014, the credit union pledged to donate a minimum of \$50,000 to the University of Maine's Black Bear Fund during the course of the five-year deal, according to the article. Barely 19 months into the arrangement, Maine Savings already has generated nearly \$29,000, the article states. Through the Black Bear Debit Card program, Maine Savings donates 5 cents to the Black Bear Fund with every purchase made with the card.

Franklin County Dairy 4-H Club featured in Daily Bulldog

18 Apr 2016

The [Daily Bulldog](#) reported members of the Franklin County Dairy 4-H Club gained firsthand experience in working with cows while participating in two events. Both events helped prepare youth in the 4-H program for participating in dairy competitions at fairs across the state and region later this year, according to the article. At Juniper Farms in Gray, the club participated in the Spring Dairy Workshop, where they got experience in dairy cow nutrition, showmanship, clipping and fitting. And at a dairy judging practice hosted by the Cumberland County Dairy Club, youth learned about dairy cow anatomy, judging terminology and comparisons of different animals, the article states. 4-H is the youth development program of the University of Maine Cooperative Extension.

Family to move into house UMaine students helped renovate, WLBZ reports

18 Apr 2016

WLBZ (Channel 2) reported a Bangor family will soon move into a house in Bradley that was renovated through Habitat for Humanity. Wells Fargo offered the house, which had been foreclosed on and abandoned for three years, to the organization along with \$10,000 to help with renovations, according to the report. Students from the University of Maine and Eastern Maine Community College helped with the project, turning the two-bedroom structure into a three-bedroom home, the report states.

Lancaster Farming covers seminar for pork producers led by Anderson

18 Apr 2016

[Lancaster Farming](#) reported on a daylong seminar for pork producers in Augusta. Gary Anderson, a University of Maine Cooperative Extension professor and animal and bio-sciences specialist, led several sections of the Maine Pork Producers Association seminar which focused on best management practices. Anderson's overview of several management systems provided a background for evaluating cost of production and the effect genetics and nutrition have on meeting production benchmarks, according to the article. "Nutrition is the most important factor to enhance production," he said. "Too much protein can work against you." Also at the seminar, Tori Jackson, an associate professor with UMaine Extension, led a segment on using social media to enhance marketing, the article states.

Media report on UMaine-created technology heading for space

18 Apr 2016

[ValueWalk](#), [Mainebiz](#) and [WLBZ](#) (Channel 2) reported on a wireless leak detection system created by University of Maine researchers that is scheduled to board a SpaceX rocket bound for the International Space Station this summer. The prototype, which was tested in the university's inflatable lunar habitat and Wireless Sensing Laboratory (WiSe-Net Lab), could lead to increased safety on the ISS and other space activities. This is the first hardware from UMaine in recent history that is expected to function in space for a long period of time, according to the researchers. In advance of the Aug. 1 launch, electrical engineering graduate students Casey Clark and Lonnie Labonte are working with NASA at the NASA Johnson Space Center in Houston, Texas to prepare three of the wireless leak detector boxes for flight. [Phys.org](#) and The Maine Edge published the UMaine news release.

WLBZ, WVII cover ROTC field training

18 Apr 2016

[WLBZ](#) (Channel 2) and [WVII](#) (Channel 7) reported on field training exercises performed by the University of Maine Army ROTC program at the Maine National Guard Plymouth Area Training Site in Plymouth. Cadets took part in the three-day, two-night training designed to test resilience, critical thinking and leadership skills. They learned how to lead groups and perform military maneuvers that range from executing a basic attack to interacting with civilians on the battlefield. This year, the UMaine students were joined by cadets from the University of New Hampshire and Maine Maritime Academy, WLBZ reported. "We are all training together for the same purpose, and it is just really cool to see other people trained just the same as we do. And it's nice to get together once in awhile," UMaine senior and ROTC public affairs officer Adrienne Germanakos told WLBZ.

Eating chocolate improves cognitive function, study finds

18 Apr 2016

People who ate chocolate at least once a week performed better on multiple cognitive tasks, compared to those who ate chocolate less frequently, according to a new study by researchers at the University of Maine, University of South Australia and Luxembourg Institute of Health that has garnered international attention. With age, education, gender age and race controlled, cognitive tasks were related to following domains, each, measured by multiple tests: Visual-Spatial Memory and Organization, Working Memory, Abstract Verbal Reasoning, Scanning and Tracking, and overall cognitive functioning. The research team — University of South Australia nutritionist and psychologist Georgina Crichton; UMaine psychologist and epidemiologist Merrill "Pete" Elias; and cardiovascular researcher Dr. Ala'a Alkerwi of the Luxembourg Institute of Health — published their findings in the journal [Appetite](#). The 968 participants ages 23–98 in the study came from the Maine-Syracuse Longitudinal Study, directed by Elias, which has tracked more than 1,000 people over 35 years. The researchers hypothesized that regular intake of cocoa flavanols may be one of several mechanism explaining the cognitive benefits of chocolate. In addition, compared to those who never or rarely ate chocolate, those who ate chocolate weekly had higher total and LDL cholesterol, but lower glucose levels. Hypertension and Type 2 diabetes also were lower in regular chocolate consumers than in nonconsumers. But positive associations between chocolate consumption and cognitive performance remained with control for these variables, other risk factors for cardiovascular disease, and consumption of other food and beverages.

Connor Smart: UMaine salutatorian and top student in Maine Business School

19 Apr 2016

Connor Smart of Lincoln, Maine has been named the 2016 University of Maine salutatorian and the Outstanding Graduating Student in the Maine Business School. The honors student double majored in accounting and finance, and received academic achievement awards in business and accounting. Smart was the 2012 valedictorian of Mattanawcook Academy. In the spring 2015 semester, Smart interned with the certified public accountants firm of Edwards, Faust & Smith in Bangor, Maine. On campus, he was a peer tutor in accounting and student ambassador in the Maine Business School, and worked in summer 2014 in UMaine's Office of Research and Sponsored Programs. The title of his honors

thesis is “A Conceptual Value Function to Explain the Benefits Derived from Users of Free-to-Play Video Games.” Smart won the 2016 Rezendes Ethics Essay Competition with the paper, “Using Utilitarian Theory to Improve Our Food Systems, Our Planet and Ourselves.” Smart served as president of the UMaine chapter of the Institute of Management Accountants, and was a member of UMaine's Black Bear Men's Chorus. After graduation, he plans to pursue a career as a certified public accountant in Maine, and be actively involved in nonprofit and social service organizations. More about Smart's UMaine student experience follows in a Q&A:

What difference has UMaine made in your life and in helping you reach your goals? I honestly believe that I am leaving the University of Maine with a thorough and well-rounded education. Whatever goal or dream I might have had, I know that the University of Maine supplied some way for me to achieve it. For example, I wanted to go to college to become prepared to enter a profession that would be challenging, rewarding and provide a comfortable life. However, I also wanted to stay in touch with my cultural and artistic interests. UMaine has allowed me to achieve both of these goals, and I feel that I am leaving this university with a better sense of who I am as an individual, and with a much stronger feeling of personal confidence. Through the University of Maine, and specifically the Maine Business School, I was able to find a discipline that I felt passionate about and that I could excel in. The satisfaction that this has given me is immeasurable.

Have you had an experience at UMaine that has changed or shaped the way you see the world? I feel like the University of Maine has left me better prepared to view both myself and the world around me more objectively. Because of my education, I feel much more capable of taking a critical look at myself and my environment, and finding ways to make improvements. Specifically, I would say that my experience through the Honors College opened my eyes to a lot of issues and worldviews that I would not considered previously. Prior to coming to the university, I did not have very definitive opinions on issues of religion, health and diet choices, politics, etc. The time that I have spent at the university has given me the insight to reach my own conclusions on these issues. To me, this is very important, because it is these views that have come to define how I see myself as an individual and what kind of person I want to be.

Why UMaine? The University of Maine ended up being the perfect choice for me. It was close enough to home that I could stay in touch with family, but it was enough of a new and challenging experience that I never felt bored, nor did things ever feel too familiar. This university has allowed me to make the best friends of my life, whom I love dearly. I’ve been able to experience more art and culture at this school than I could have every hoped for, and I’m leaving with a degree in a field that I find thoroughly fascinating and rewarding. Attending UMaine was an incredibly positive experience for me, and I’ve had a great time and a lot of fun. But I think the biggest testament to this school is how I’m leaving it feeling prepared and excited for the future, when I can actually put this excellent education to real and tangible use.

How would you define the opportunities for student success at UMaine? Personally, the biggest resource that helped me succeed was the faculty. Whether they were educators with the Maine Business School or the Honors College, I found every faculty member I ever interacted with to be incredibly insightful, kind and nurturing. I could always count on my professors and advisers to offer their advice. I’ve always felt that they really care about me as a person — and my success. I cannot adequately describe how comforting this has been for me. I truly feel that the University of Maine provides students with ample opportunities to succeed; there are so many options and things to do here that if a student has a dream, there will probably be a way to achieve it.

Have you worked closely with a professor or mentor? This question is really hard for me, because there are simply too many specific people who are worthy of recognition to name them all. However, I will briefly try to name a few of the people who have helped to make my experience at UMaine wonderful. Stephanie Welcomer was one of the first people I met from the Business School, and her guidance and support have left a lasting impression on me. I feel that I honestly owe a lot of my success to her encouragement and the opportunities she opened for me. Matthew Skaves, my honors thesis adviser and one of my finance professors, has been more kind and helpful to me than I ever could have asked for, and I cannot fully describe how much I appreciate what he’s done for me. Dave Barrett was my first introduction to accounting, and he helped influence my decision to pursue this field. I have always been grateful for his humor and honesty. Wendy Coons was equally important to my decision to pursue accounting. She helped me see how the profession has opportunities for both creativity and ethical judgments. She also has always shown me an immense amount of kindness, and she’s gone out of her way to help me on many occasions. Susan Myrden has been very helpful while on my Honors Committee, and she’s always been supportive and attentive, for which I am very grateful. I would like to mention two professors from the Honors College — David Gross and Jordan LaBouff. Both of these men helped instill in me an appreciation of culture and the humanities, and it was the time that I spent in their classes that truly made the Honors College so special. Lastly, I would like to thank Daniel Williams. Rehearsals for the Black Bear Men’s Chorus quickly became one of my weekly highlights, and I am ever going to be thankful for his good humor and warmth, and the joy he provided.

What advice do you have for incoming students? Get involved as early as you can. It’s okay if you don’t know what you want to do with the rest of your life. I’m not entirely sure I’ve even figured that out yet. But what isn’t okay is to let college go by without getting involved

and meeting some people who could become very special to you. Take the time to learn a new skill or join a club. Some of my favorite memories come from spending time with the friends I've made at the university. Likewise, don't forget about your classes. Talk to your teachers, go to study sessions and actually put the time into studying. Don't waste time trying to cram for exams the night before. Put in a little bit of work every day. You'll be surprised by how well you remember the material and how much your skills will improve.

Nicholas Fried: Top of his class and headed into medicine and research

19 Apr 2016

Nicholas Fried of Millerstown, Pennsylvania has been named the 2016 University of Maine valedictorian. This fall, Fried will be an M.D./Ph.D. student at the Louisiana State University Health Sciences Center, Schools of Medicine and Graduate Studies in New Orleans. He plans to become a primary care physician in a medically underserved community and conduct research in zoonotic epidemiology. Fried is an honors student who majored in animal and veterinary sciences, with a minor in chemistry. His numerous academic honors include a J. Franklin Witter Undergraduate Research Grant from UMaine, the Helen Louise Stinchfield '18 Memorial Scholarship from the University of Maine Foundation, and the Inez Boyd Environmental Research Award from the Penobscot Valley Chapter of Maine Audubon. As an undergraduate, Fried collaborated on two research projects. In the laboratory of Professor of Chemistry Howard Patterson, Fried assisted Patrick Sheldon, a master's student in chemistry, in research on the degradation of pharmaceutical contaminants in water. In addition, Fried collaborated with veterinarian and associate professor James Weber on his honors thesis research to determine the genetic relatedness of *Haemonchus contortus*, a parasitic worm of small ruminants, found in domestic sheep and wild white-tailed deer in Maine. In 2013–14, Fried spent two summers as a biological field technician stationed in northeastern Montana, participating in the United States Geological Survey's testing of a sylvatic plague vaccination for prairie dogs. In addition, during one of his spring breaks, he worked at the USGS National Wildlife Health Center in Madison, Wisconsin, assisting in the lab work associated with that project. Fried participated in Michigan State University College of Osteopathic Medicine's Summer Undergraduate Physician-scientist-training Education & Research (SUPER) program. In SUPER, he conducted Lyme disease research with professor Jean Tsao and Ph.D. student Seungeun Han, and shadowed physicians in multiple disciplines. Fried also has job-shadowed with physicians at Newport Family Practice near his hometown in Pennsylvania. On campus, Fried was a tutor of student-athletes in biology, physics, chemistry, organic chemistry, biochemistry and medical physiology. He was a member of the UMaine Health Professions Club and the service organization Operation H.E.A.R.T.S. Fried also helped found and serve as vice president of EWE-Maine Icelandics sheep club. More about Fried's UMaine student experience follows in a Q&A: **What difference has UMaine made in your life and in helping you reach your goals?** Prior to attending the University of Maine, I was a reserved individual from a small, rural high school. The opportunities afforded to me by the university allowed me to come out of my shell, develop lifelong relationships and transition into a budding professional. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** The Honors College's Civilizations sequence has greatly shaped my perspective. Through close reading of the texts and thoughtful discussion with my peers, I have developed a greater appreciation for the spirituality, art and culture of peoples from all corners of the world. **Why UMaine?** The University of Maine offers the best of both worlds. It is small enough to create the atmosphere of a liberal arts college and a strong sense of community, while also providing the plethora of opportunities for research and extracurricular activities that come with a public land grant university. I chose to attend the University of Maine because of the Honors College and the wonderful professors in the Animal and Veterinary Sciences Department. I could not be happier about my decision. **How would you define the opportunities for student success at UMaine? Is there any particular initiative, program or set of resources that helped you succeed?** The University of Maine has countless resources to assist student success. I, personally, would not be where I am today without the health professions staff at the Career Center. I also advise students to take advantage of campus programs such as work-study, the Tutor Program and the Writing Center. **Have you worked closely with a professor or mentor who made your UMaine experience better?** Many individuals at the University of Maine have positively affected my experience. The most notable of these, however, is Dr. Jim Weber. His teaching, guidance in research, and support throughout my coursework and the medical school application process have been unmatched. I am very thankful for the bond that we formed during my sophomore year in his animal diseases course. **What advice do you have for incoming students to help them get off to the best start academically?** Make an effort to form strong connections with your peers and professors. Find meaningful experiences (research, shadowing, internships, etc.) in your field as quickly as possible. And last, but certainly not least, do not get so engulfed in your studies that you forget

to live. Get out and take part in the wide range of clubs and activities on campus, and form memories that will last a lifetime.

Morgenstern Trio to showcase technique, imagination

19 Apr 2016

A piano trio named after a witty German poet will play at 3 p.m. Sunday, May 1, in Minsky Recital Hall at the University of Maine. Catherine Klipfel, piano; Stefan Hempel, violin; and Emanuel Wehse, cello, compose the Morgenstern Trio, whose namesake is Christian Morgenstern. The musicians met while studying at Folkwang Conservatory in Germany. The group burst onto the classical music scene in 2010 with a succession of top competition awards. Its latest CD, released in January, is titled “Schubert-Schumann.” To listen to selections that showcase the trio’s musical talents, visit the group’s [website](#). The concert is part of the John I. and Elizabeth E. Patches Chamber Music Series. More information and tickets, which are \$8 for students and \$25 for adults, are [online](#).

School of Forest Resources professors write op-ed for BDN

19 Apr 2016

The [Bangor Daily News](#) published the opinion piece, “Bioenergy from working forests is carbon-friendly, with many other benefits to Maine,” by Stephen Shaler, director of the School of Forest Resources at the University of Maine; and Robert Wagner, the Henry W. Saunders Distinguished Professor in Forestry at UMaine. Ivan Fernandez, a professor of soil science and forest resources; and Aaron Weiskittel, a professor of forest biometrics and modeling, also contributed to the piece.

WABI advances ninth annual Healthy High road race

19 Apr 2016

WABI (Channel 5) reported the University of Maine will host the ninth annual Healthy High 5k/10k and 1-mile run/walk at 4:20 p.m. Wednesday, April 20. This year, UMaine’s Sexual Assault and Relationship Violence Prevention Committee is sponsoring the free 1-mile fun run/walk. Participants of the mile event are encouraged to wear teal — the ribbon color for sexual assault awareness. UMaine student organization Male Athletes Against Violence also will walk the 1-mile course wearing red high heels to symbolize the challenges of being a woman in today’s world, WABI reported.

Education World cites UMaine in article on virtual classrooms

19 Apr 2016

The University of Maine was mentioned in the [Education World](#) article, “More universities experiment with virtual classrooms, student avatars.” The article, which cites EdTech Magazine, stated about 80 campuses nationwide, including UMaine, are trying out a virtual classroom of avatars to prepare students who plan to teach. The lab in UMaine’s College of Education and Human Development uses the program TeachLivE, a mixed-reality teaching environment that supports teacher practice in classroom management, methods and content. UMaine began using the virtual classroom in undergraduate classrooms in September, the article states.

UMaine student discusses youth vote on MPBN’s ‘Maine Calling’

19 Apr 2016

Abigail Bennett, a University of Maine student and chair of the Maine Federation of College Republicans, was a recent guest on the [Maine Public Broadcasting Network](#)’s “Maine Calling” radio show. The show, titled “The youth vote,” examined which issues are getting young people involved and engaged this election cycle. Bennett also was featured in the related [MPBN](#) report, “What three millennials have to say about the youth vote.”

Judd speaks about ‘Year Without a Summer’ on ‘Bill Green’s Maine’

19 Apr 2016

Richard Judd, the McBride Professor of History at the University of Maine, was featured on an episode of “Bill Green’s Maine” on WLBZ (Channel 2) and [WCSH](#) (Channel 6 in Portland). Judd spoke about 1816, which is referred to as the “Year Without a Summer,” and took Green to Special Collections in UMaine’s Fogler Library to see the recorded history of the event. The eruption of Mount Tambora in Indonesia spewed enormous amounts of volcanic ash into the stratosphere, lowering the temperature between 4 and 7 degrees worldwide, according to the report. In Maine, the colder temperatures made farming a challenge, the report states. “The story goes that there was snow every month of the year,” Judd said. “No one can confirm that, but it certainly was cold every month of the year. There were hard frosts in September, so any crops that did manage to come up over the course of the summer they lost in September anyway.”

WABI interviews Putnam about ice age research, prestigious grant

19 Apr 2016

WABI (Channel 5) interviewed Aaron Putnam, the George H. Denton Assistant Professor in the School of Earth and Climate Sciences at the University of Maine, about his ice age research and being awarded one of most prestigious grants for an early-career scientist. In May, Putnam will take the reins of a \$591,000 Faculty Early Career Development (CAREER) grant from the National Science Foundation. Over five years, using surface-exposure and radiocarbon dating techniques, he will develop a chronology of mountain glacier retreat during the last great global warming that ended the ice age in the interior mountains of Asia approximately 20,000 to 11,000 years ago. Putnam hopes that by studying the last great warming of the planet, scientists can better understand the forces at play in modern-day climate change and make more accurate projections, according to the report. “Right now humans are injecting CO2 into the atmosphere and yet there’s great uncertainty in terms of how the system will respond to that. And so we can look at this natural example from the Earth’s past as a means of understanding how the climate can react to things like this,” Putnam said.

AP previews Gill’s talk on looking to past to inform modern conservation

19 Apr 2016

The Associated Press reported Jacquelyn Gill, a paleoecologist at the University of Maine, will speak April 19 at the Merryspring Nature Center in Camden about how scientists are looking to the past for clues about threats to modern biodiversity. The assistant professor in the School of Biology and Ecology and the Climate Change Institute will talk about how a “deep-time perspective” can inform modern conservation by allowing for consideration of global events such as past climate change, extinction and species introduction, according to the AP. Gill, whose work focuses on how climate change impacts biodiversity, will discuss ways in which long extinct organisms can also help provide answers to today’s conservation questions, such as whether scientists should attempt to clone mammoths to try to save today’s elephants, the report states. The Maine Public Broadcasting Network, Portland Press Herald, WABI (Channel 5), Daily Journal, WLBZ (Channel 2), [The Washington Times](#), Newsradio WGAN and [Fosters.com](#) carried the AP report.

WABI, WVII report on record turnout at Accepted Student Day

19 Apr 2016

WABI (Channel 5) and WVII (Channel 7) covered the University of Maine’s final Accepted Student Day for students enrolling in fall 2016. A record attendance was expected at the event, as nearly 2,400 prospective students and their family members had preregistered to be on campus for a day of presentations and tours. “As for confirmation of students enrolling, we’re up 16 percent in state in Maine and 62 percent out of state right now,” Joel Wincowski, UMaine’s interim vice president for enrollment management, told WABI. Jeffrey Hecker, UMaine’s executive vice president for academic affairs and provost, spoke with WVII about planning for this fall’s high enrollment.

2016 Student Research Symposium April 27

19 Apr 2016

The research of more than 500 undergraduate and graduate students will be highlighted in a daylong symposium April 27 at the Cross Insurance Center in Bangor. The 2016 UMaine Student Research Symposium will be held from 8 a.m.–5 p.m. The free public event is sponsored by UMaine Graduate Student Government and the Center for Undergraduate Research (CUGR). Following a 9 a.m. opening ceremony, research posters and exhibits will be on display throughout the day. A schedule of the presentations, short performances and other activities is online (umaine.edu/research/symposium). An awards ceremony begins at 4 p.m. Every spring, UMaine graduate and undergraduate students present their research in academic conference-style events. This is the 17th year of Graduate Student Government organizing an event to showcase the work that benefits Maine and beyond. It is the seventh annual undergraduate research showcase coordinated by CUGR. The joint research symposium offers UMaine students opportunities to engage in direct dialogue with people in Maine communities, including those benefitting from the research. “You might watch a presentation on how to protect our wild blueberry crops and their pollinators, participate in a heated discussion on how to address challenges of education in a rural state like ours or marvel at high-quality and expressive media exhibits created by students that help maintain and develop the artistic and cultural scene our state is known for,” says Jack McLachlan, a master’s student in ecology and environmental sciences, and vice president of Graduate Student Government.

UMaine Humanities Center awards \$10,000 to faculty grant projects

19 Apr 2016

The University of Maine Humanities Center (UMHC) has awarded more than \$10,000 to seven faculty grant projects, including several based in the community. Spring 2016 UMHC Faculty Grants were awarded to:

- Constant Albertson, associate professor of art, to support the new media component of her ceramic art project, “Coordinates of Collateral Damage.”
- Kirsten Jacobson, associate professor of philosophy, to support “Philosophy Across the Ages,” a discussion-based program that integrates exchange among UMaine undergraduates, Orono High School students and Dirigo Pines residents.
- Anne Knowles, professor of history, with instructor Benjamin Meader, for “Introduction to Cartography and Geographic Information,” a cross-discipline weekend seminar series for UMaine faculty and graduate students.
- Margo Lukens, professor of English, to support Penobscot tribal members with “Transformer Tales: Stories of the Dawnland,” a performance program in partnership with the Penobscot Theatre Co.
- Annette Nelligan, program coordinator and lecturer in counselor education, with Laura Cowan, associate professor of English, to support community engagement projects during a May-term travel study course on Swan’s Island.
- Greg Ondo, assistant professor of art for his “Veazie Riverside Community” engagement project.
- Michael Socolow, associate professor of communication and journalism for book publication subvention of “Six Minutes in Berlin: Broadcast Spectacle and Rowing Gold at the Nazi Olympics,” printed by University of Illinois Press.

The next deadline for UMHC Faculty Grants will be in fall 2016. More information, including guidelines and the application, are online.

Coaction Lab to host free light, projection show at Thomas Hill Standpipe

20 Apr 2016

Editor's note: Due to predicted rain this event has been rescheduled for May 11. The Coaction Lab at the University of Maine will present “FLOW: An evening of water themed light & projection” at the Thomas Hill Standpipe in Bangor on May 4. The multimedia event — a partnership between the Intermedia MFA program at UMaine, Coaction Lab and Bangor Water District — will take place during the annual spring tour of the standpipe. Faculty and students in the

Intermedia MFA and New Media programs will project onto the structure light, images and videos inspired by the building's history and function. Tours will begin at 5:30 p.m. with the projections beginning at dusk. A rain date is scheduled for May 11. More information is available [online](#) or by contacting Gene Felice II at gene.felice@maine.edu, 614.506.6811.

High school student who studies violin with Wieck wins prize, Ellsworth American reports

20 Apr 2016

[The Ellsworth American](#) reported Brandon Aponte of Brooklin won the Bay Chamber Concerts' 2016 Young Stars of Maine Program for violin, which includes a \$1,000 scholarship. Aponte studies violin with University of Maine music professor Anatole Wieck and is a freshman at John Bapst Memorial High School in Bangor, according to the article. He will perform "Meditation from Thais" by Jules Massenet at 4 p.m. Sunday, April 24, at the Rockport Opera House, the article states.

UMaine R&D spending data cited in MaineBiz article on startups

20 Apr 2016

The University of Maine was mentioned in the [MaineBiz](#) article, "Startups in Maine need to more quickly become mid-sized companies." The Maine Development Foundation's newly released "Measures of Growth 2016" report states Maine's total percentage of gross domestic product spent for R&D in 2011 was \$535 million, which is about 1 percent of the state's GDP and about \$1 billion short of the 3 percent benchmark, according to the article. Maine's percentage of total R&D funding from the private sector — 58 percent — also trailed the nation and region, and universities and colleges had 27 percent of R&D spending, the report found. National Science Foundation data showed that R&D spending at UMaine rose to \$101.2 million in 2014 from \$77.6 million in 2013, the article states.

VillageSoup previews Kids Can Grow program in Rockport

20 Apr 2016

[VillageSoup](#) reported that starting in May, the Maine Coast Heritage Trust and University of Maine Cooperative Extension will host a six-month session of Kids Can Grow at Erickson Fields in Rockport. The youth gardening program introduces children and parents to growing vegetables and herbs to produce healthy food.

Leslie to speak at Lincoln County commission meeting, Boothbay Register reports

20 Apr 2016

[Boothbay Register](#) reported Heather Leslie, director of the University of Maine Darling Marine Center (DMC), will be the guest speaker at the Lincoln County Regional Planning Commission's fifth annual meeting on Wednesday, April 27 at the center in Walpole. Leslie will speak about the changing coastal ocean observed by DMC researchers and area residents, and what the changes mean for Maine's coastal communities, economies and ecosystems, according to the article. DMC tours will begin at 4 p.m., followed by the meeting at 5 p.m. The meeting is free and open to the public, the article states.

Vice president of Graduate Student Government writes op-ed for BDN

20 Apr 2016

The [Bangor Daily News](#) published the opinion piece, "Have a Maine problem? A UMaine student researcher can work on a solution," by Jack McLachlan, a master's student in ecology and environmental sciences and the vice president of the Graduate Student Government at UMaine. McLachlan researches the tidal freshwater wetlands of Merrymeeting Bay in the Kennebec Estuary. His research and that of nearly 400 graduate and undergraduate researchers will be featured at the 2016 UMaine Student Research Symposium from 8 a.m.–5 p.m. April 27 at the Cross Insurance Center

in Bangor.

New York Times quotes Brewer in article on proposed marijuana legalization

20 Apr 2016

Mark Brewer, a political science professor at the University of Maine, was quoted in the [New York Times](#) article, “Marijuana legalization in New England is stalled by opiate crisis.” Legal marijuana advocates are looking to New England to aid efforts to expand legalization nationwide, according to the article, but the largely liberal region is struggling with the devastating effects of opiate abuse, and many lawmakers are balking at the idea of legalizing a banned substance, citing potential social costs. In Maine, a proposed ballot initiative to legalize marijuana that was stopped when the secretary of state invalidated thousands of signatures recently was granted a new review, the article states. Brewer said if the initiative makes the ballot, he thinks it has a “relatively good chance of passage.” [MSN News](#) and [Alaska Dispatch News](#) carried the NYT report.

TEDxUMaine to be held April 23

21 Apr 2016

The Maine Journal, a developing online publication run by University of Maine undergraduate students, will host TEDxUMaine on Saturday, April 23. Beginning at 10 a.m. in Hill Auditorium, Barrows Hall, the independently organized TED event will combine live presentations by UMaine students with TED Talk videos. The event aims to motivate deep thought and conversation while showcasing student ideas. This year’s theme is “Interconnectedness,” meaning the worldview in which people see relationships and find connections between different groups and ideas. Seven speakers are scheduled to present:

- Audrey Cross, “Real Food Challenge: No Ground to Lose;”
- Dale Winslow, “Humanity is the Next Frontier;”
- Merissa Jordan, “Music and its Power to Heal;”
- Cain Landry, “The Butterfly Effect: Interconnectedness of Humans and the Natural World;”
- Katelyn Smith, “Rape Culture, Sports and Social Media;”
- Maria Teresa Paniagua Arand, “[#UNANoTeCalles](#) Paraguayan Student’s Spring;” and
- Stanley Small, “Filtered.”

During the event, registered attendees are encouraged to engage and collaborate to develop ideas. Refreshments will be provided in the morning and during a lunch break, when the audience will have the opportunity to network. TEDxUMaine will be streamed through [Facebook Live](#). Following the event, the students’ presentations and any associated work will be published in the [Maine Journal](#). More information is [online](#).

UMaine agrees to three-year contract extension with baseball coach Steve Trimper

21 Apr 2016

University of Maine Director of Athletics Karlton Creech announced on Wednesday, April 20 that head baseball coach Steve Trimper has signed a three-year contract extension. “I am pleased and honored to continue my coaching career at the University of Maine,” Trimper says. “I would like to thank both President Hunter and our athletic director, Karlton Creech, for providing me the opportunity to be a part of a wonderful university, community and state. “Karlton has built a great foundation of leadership during his two years as our director, and I am looking forward to the bright future of Maine athletics. That, coupled with unbelievable support from our school, our alumni and donors, is what makes Maine special. To me, there is no greater place in college baseball to work with student-athletes and give them a great college experience. “The greater Bangor community means an awful lot to both my wife Lisa, daughters Ally and Morgan, and me, and I look forward to representing the community and university to the best of my ability.” Trimper’s three-year extension will pay him an annual salary of \$86,995 beginning on July 1, 2016 and running through June 30, 2019. Trimper, currently in his 11th season at UMaine, has continued the success of Black Bear baseball, guiding UMaine to a pair of regionals (2006, 2011). After winning the America East title in 2011, Trimper and the Black Bears went on to

defeat No. 20 Florida International in regional play. Along with Stony Brook, UMaine has qualified for the most consecutive America East tournaments, appearing in postseason play each of the last six years. In 10 seasons, a total of 11 of Trimper's former players have gone on to sign Major League Baseball affiliated contracts. Last season, Trimper moved into second on Maine's all-time coaching wins list, trailing only the legendary coach John Winkin. "We are excited for the future of Maine baseball under coach Trimper's leadership and guidance," Creech says. "We are focused on providing our student-athletes with the qualities needed to succeed in the classroom and on the field, and we are confident that coach Trimper is the premier leader to meet our goals." Individually, Trimper was honored as the America East Coach of the Year in 2013 after leading UMaine to the top seed in the conference tournament. Also in that season, Trimper recorded his 400th career win as a head coach. On April 19, Trimper recorded his 300th win while at the helm of the Black Bears.

Three-year contract extension with women's soccer coach Scott Atherley approved

21 Apr 2016

University of Maine Director of Athletics Karlton Creech announced on Wednesday, April 20 that head women's soccer coach Scott Atherley has signed a three-year contract extension. "I want to express my sincerest thanks to President Susan Hunter and Karlton Creech for affording me opportunity to continue to do what I love to do, among the people I care deeply about, at a place I consider home," Atherley says. "I can't think of a better time to be a Black Bear. There are so many positive things happening on our campus and within the athletic department. To be able to continue to share in the excitement with my colleagues and team is truly a privilege." Atherley's extension will pay him an annual salary of \$69,999 beginning July 1, 2016 and running through June 30, 2019. Atherley, who recently completed his 17th season as head coach, continues to guide the women's soccer program in a positive direction. Under his leadership, Maine has become a mainstay in America East postseason play as it has competed in four straight league tournaments. A year ago, the Black Bears hosted New Hampshire in quarterfinal action, defeating the Wildcats 4-3 in penalty kicks. From 2003-06, Atherley guided Maine to four straight America East tournament runner-up showings, starting a stretch which saw Maine in postseason play for eight straight years. The Black Bears returned to the title game in 2010, earning a runner-up showing, after entering as the No. 6 seed and becoming the first team in league history to win two straight road games and earn a spot in the championship. Individually, student-athletes have thrived under Atherley's guidance, achieving numerous athletic and academic accolades. "It's with great excitement that we announce our extension with coach Atherley," Creech says. "As our current longest tenured head coach here at UMaine, we are extremely pleased with the commitment coach Atherley has had with our university. I couldn't be more excited for the future of our women's soccer program and am eager to see the next step in their process."

College of Liberal Arts and Sciences announces top student awards

21 Apr 2016

The College of Liberal Arts and Sciences at the University of Maine has announced its top student awards:

- Outstanding Graduating Senior: Hilary Warner-Evans, anthropology;
- Outstanding Undergraduate International Student Award: Mikaela Gustafsson, sociology;
- Outstanding Graduate Student: Kourtney Collum, anthropology and environmental policy; and Brianne Suldozsky, communication;
- Graduate Student Excellence in Research and Creative Activity: Samuel Belknap, anthropology and environmental policy; and
- Graduate Student Excellence in Teaching: Bryan Picciotto, communication.

The recipients will be honored, along with [faculty award](#) winners, at the College of Liberal Arts and Sciences Awards Ceremony at 4 p.m. April 26, Buchanan Alumni House.

Ward quoted in BDN article on mill auction

21 Apr 2016

Jake Ward, the University of Maine's vice president of innovation and economic development, was quoted in a [Bangor Daily News](#) article about an auction of items from the shuttered Lincoln Pulp and Tissue and Expera Old Town mills. The fate of UMaine's research center for wood-based products located on the former Expera pulp mill site remains up in the air, Ward said. "They are not auctioning the building or the property itself," he said. "We are [renting the location] month to month until they resolve selling the buildings themselves. Then, whoever eventually owns it will hopefully be our new landlord. We have good work going on and hope to continue to be there." Researchers within UMaine's Forest Bioproducts Research Institute are working on campus to create and commercialize new wood-based bioproducts that they test on a larger scale at the Technology Research Center, which opened five years ago and is located in the mill's former finished product storage area on the southern portion of the site, according to the article.

Maine Edge reviews latest Maine Masque production

21 Apr 2016

[The Maine Edge](#) published a review of the Maine Masque production of Bert V. Royal's "Dog Sees God: Confessions of a Teenage Blockhead." Maine Masque is the University of Maine's longtime student-run theater group. The show is viewed as an "unauthorized parody," a bleak and unsettling reimaging of Charles Schultz's beloved "Charlie Brown" characters as they make their way through high school, according to the article. The review calls the play "undeniably different" and refers to it as a challenging piece for theater students. "Academic theatre should be about taking chances; congratulations to the Maine Masque for taking a big one," the review states.

UMaine mentioned in Forecaster article on Topsham vernal pool regulation vote

21 Apr 2016

The University of Maine was mentioned in [The Forecaster](#) article, "Topsham to vote on budget, vernal pools regulations." Topsham residents will vote on a \$9.3 million municipal budget for fiscal year 2017 at the town meeting on May 18, according to the article. Another item that will be put before voters would amend the town code to create a vernal pool overlay zoning district, the article states. Rich Roedner, the town manager, said the change stems from the town's effort a few years ago — with help from a UMaine grant that trained citizen surveyors — to map out significant vernal pools.

BDN, Weekly advance 'La Boheme' production at CCA

21 Apr 2016

The [Bangor Daily News](#) and [The Weekly](#) previewed the Bangor Symphony Orchestra's season-closing concert and semi-staged performance of Giacomo Puccini's "La Boheme." The four-act opera is set for 3 p.m. Sunday, April 24 at the Collins Center for the Arts. The performance will mark the first time in recent memory that a live opera will be staged at the CCA, according to the BDN. "La Boheme" tells a story of bohemian life, love and loss in 19th century Paris, the article states. In addition to the orchestra, the production will feature the University Singers and UMaine's Oratorio Society, as well as the Bangor Area Children's Choir and soloists, according to the reports.

Media report on contract extensions for coaches Trimper, Atherley

21 Apr 2016

The [Bangor Daily News](#), WVII (Channel 7) and WABI (Channel 5) reported that Black Bears baseball coach Steve Trimper and women's soccer coach Scott Atherley both have signed three-year contract extensions. Karlton Creech, University of Maine's director of athletics, announced the extensions Wednesday. Trimper is in his 11th season at UMaine. He has directed the Black Bears to a 300-280-2 record, which places him second behind only the late John Winkin (642-430-3) in program history, according to the BDN. Under Trimper, UMaine won the 2011 America East championship and made NCAA Regional appearances in 2006 and 2011. The Black Bears have made six consecutive conference tournament appearances. Atherley is completing his 17th season as a UMaine head coach. His teams have

posted an overall record of 136-123-32 and last season reached the America East semifinals. Atherley's Black Bears, who have made four straight league tournament appearances, reached the America East finals from 2003 to 2006 and again in 2010, the BDN reported. The [Portland Press Herald](#) also reported on Trimper's extension.

SEANET research project featured on WVII

21 Apr 2016

[WVII](#) (Channel 7) reported on Maine's Sustainable Ecological Aquaculture Network (SEANET), a research program focused on sustainable ecological aquaculture that aims to gain a comprehensive understanding of how sustainable ecological aquaculture can interact with coastal communities and ecosystems. The multi-institutional, public-private partnership is led by UMaine, in collaboration with the University of New England and other institutions in the state. Aria Amirbahman, an environmental engineering professor at UMaine, spoke with WVII about his research related to the five-year project that looks at the effects aquaculture farms have on the sediment below them. "We want to understand sediments at different sites, different areas in Maine and sediments specifically under these aquaculture farms," Amirbahman said. Libby Gorse, a graduate research assistant, said she thinks the project also will open communication between scientists and farmers for the good of the industry.

Alumnus credits Top Gun, Scratchpad Accelerator for success, Press Herald reports

21 Apr 2016

The [Portland Press Herald](#) published an article on Cobbler Technologies, a Bangor startup that aims to revolutionize the footwear industry using 3-D printer technology. "Lots of shoe manufacturers use 3-D printers, but only to make prototypes," said President and CEO Andrew Katon, a 2014 mechanical engineering graduate of the University of Maine. "Ours is designed to be integrated into the manufacturing process. We have 25 different layers of materials that we can change on the fly without interrupting the manufacturing process." Katon said his training in the Top Gun entrepreneurship accelerator program offered by the Maine Center for Entrepreneurial Development and UMaine, as well as his internships at UMaine, gave him the direction and basic business knowledge needed to balance his interest in mechanical engineering. According to the article, Cobbler Technologies won seed financing from the Maine Technology Institute (MTI) and \$25,000 from its Scratchpad Accelerator pitch contest, an event that attracted Boston investors. Scratchpad Accelerator is a pilot program of UMaine in collaboration with MTI.

Media cover Healthy High road race, sexual assault awareness walk

21 Apr 2016

WABI (Channel 5) and the [Bangor Daily News](#) reported on the ninth annual Healthy High 5k/10k and 1-mile run/walk at the University of Maine. About 700 people were expected to participate in the race that promotes health and wellness for members of the university and surrounding community. This year, UMaine's Sexual Assault and Relationship Violence Prevention Committee sponsored a free 1-mile fun run/walk. UMaine student organization Male Athletes Against Violence (MAAV) also hosted the awareness event, "Man Enough to Walk a Mile in her Shoes." About 30 members of the group walked the 1-mile course wearing red high heels to symbolize the challenges of being a woman in today's society. Sandy Caron, the group's founder and director as well as a UMaine professor of family relations and human sexuality, said the event aims to bring attention to the challenges of being a woman and to raise awareness about sexual and other violence against women. "We're symbolically walking in these high heels to show our support for stopping abuse on women and rape on women just to show that we're here to care and that it's a man's issue," said Chase Hoyt, the group's student coordinator.

Art education students leading community projects on storytelling, weaving

22 Apr 2016

University of Maine students in an advanced art education course will present their community art service project, "Weaving a Story," during the 22nd annual HOPE Festival. From 11 a.m. to 11:45 a.m. Saturday, April 23 at the New

Balance Student Recreation Center, the students will provide the opportunity for participants to contribute to a collaborative public interactive weaving. The students also will present their projects at 6 p.m. April 28 in Room 100, Lord Hall. The 10 women in UMaine art professor Constant Albertson's Topics in Art Education class have hosted several community events this semester relating to their project that uses art as a form of storytelling among communities of elders. "In our personal lives, we feel a tangible generation gap between young people and older adults, largely due to this massive shift in how we communicate, with technology playing a huge role," says Hattie Stiles, a member of the class from Eliot, Maine. "We thought it would be nice to create an environment where we could facilitate spoken storytelling, as well as incorporate it into the art making piece itself." In March, several of the students offered a workshop at Eastern Area Agency on Aging (EAAA) in Bangor to lead older adults in a community art project. During the class, participants made circle weavings that will be strung together and hung on the walls of the EAAA Annex studio located in the Airport Mall. Workshop participants were encouraged to bring scraps of fabric or other materials that carry personal meaning to spark conversations and the sharing of personal experiences, according to Stiles. In April, the students collaborated with the Indian Island Housing Authority to host a potluck breakfast, followed by another workshop on weaving and the art of storytelling with members of the Penobscot Nation. The group created a video of their Indian Island project that they will show during their Lord Hall presentation. Every year, the goal of the future art teachers in the course is to work collaboratively in the community to spread knowledge while inspiring creative, positive action. The students choose which community partner to work with and what art project to pursue, and take the lead on making it happen. During the organization of the project, students created a logo for the class as well as their specific group, University of Maine Art Education Community Outreach (UMAECO). They also created a [website](#) and developed several social media pages. More information about the project is on the group's [website](#) as well as social media accounts on [Twitter](#), [Instagram](#) and [Facebook](#).

Vachon in BDN story about Hall of Fame induction

22 Apr 2016

Amy Vachon, University of Maine assistant women's basketball coach and former Cony and UMaine star, was highlighted in a [Bangor Daily News](#) article as one of 12 people being inducted into the Maine Sports Hall of Fame on May 1, at the Cross Insurance Center in Bangor.

UMaine mentioned in BDN piece on citizen scientists

22 Apr 2016

The University of Maine was mentioned in a [Bangor Daily News](#) article touting citizen scientists who are instrumental in surveying the state's bees, bats, butterflies, loons and frogs. UMaine, along with the Maine Department of Inland Fisheries and Wildlife, the University of Maine at Farmington and volunteers are collaborating on the Maine Bumble Bee Atlas project to document the diversity, distribution and abundance of the busy pollinators.

Tijerina promotes Hope Festival on WABI

22 Apr 2016

Stefano Tijerina, University of Maine political scientist, appeared on [WABI](#) (Channel 5) to talk about the 22nd Annual HOPE Festival scheduled for 11 a.m. to 3 p.m., Saturday, April 23, at the New Balance Student Recreation Center on campus. The festival, with a theme of Creating the Future: Art and Social Change, will feature storytelling, art, poetry, puppets, sculpture and film. Tijerina said the event, which is open to the public, is one of many Earth Day celebrations being held all over the planet.

Bayer source for PPH editorial criticizing EU ban

22 Apr 2016

A [Portland Press Herald](#) editorial criticizing the European Union ban on imports of live Maine lobster cited Robert

Bayer, executive director of the University of Maine's Lobster Institute. "I think what they're saying, for the most part, is incorrect," Bayer was quoted as saying in reference to claims by Swedish factions that American lobsters will spread disease or breed with the native species in Sweden. The ban, says the editorial, would translate into a \$10 million hit each year for Maine lobstermen and about a \$150 million hit for the U.S. industry. Bayer also was cited in a [Bangor Daily News](#) editorial on the topic.

Meet UMaine's 2016 Outstanding Graduating Students

25 Apr 2016

Eleven undergraduates have been named 2016 Outstanding Graduating Students at the University of Maine. Among them is **Connor Smart**, the Outstanding Graduating Student in the Maine Business School, and the 2016 [salutatorian](#). The Outstanding Graduating Students will receive their degrees at UMaine's 214th Commencement in Harold Alfond



Sports Arena May 14. The other Outstanding Graduating Students are: **Ahmed Almaghasilah** of Qatif, Saudi Arabia, has been named the Outstanding Graduating International Student in the College of Engineering at the University of Maine. Almaghasilah is an electrical engineering major, with a minor in mathematics. He is a member of numerous honor societies. In 2014, he was invited to China and New Zealand to attend the Envision Global Forum on engineering and technology. Almaghasilah has been a teaching assistant in the Department of Electrical and Computer Engineering, and assisted electrical and mechanical engineering students in their senior projects. A full Q&A with Almaghasilah is [online](#).



Mikaela Gustafsson of Sodertalje, Sweden, has been named the Outstanding

Graduating International Student in the College of Liberal Arts and Sciences at the University of Maine. Gustafsson is majoring in sociology, with a concentration in crime, law and deviance, and minors in psychology, and child development and family relations. She is a member of UMaine's women's basketball team and a scholar-athlete. She received the University of Maine Sociology Department Prize and was an American Sociological Association Honors Program student, presenting a research paper at the national association's annual meeting in 2015. Gustafsson was a member of UMaine's Student-Athlete Advisory Committee and Athletes for Sexual Responsibility. She plans to pursue a professional basketball career and a master's degree in international development, ultimately doing work related to immigration and welfare policies. A full Q&A with Gustafsson is [online](#).

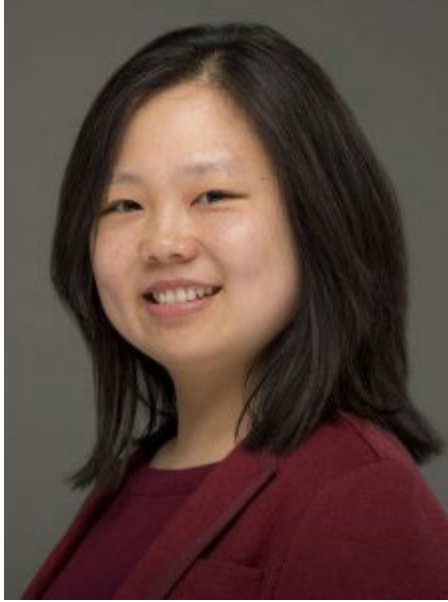


Kathleen Hill, a Lincoln native now living in Ellsworth, has been named the Outstanding Graduating Student in the Division of Lifelong Learning at the University of Maine. Hill is majoring in university studies, with minors in English, psychology and business management. She received an associate degree from Eastern Maine Community College in 2014. Hill has been a University of Maine employee for 18 years, first as a catering supervisor and now as manager of Buchanan Alumni House. She is a member of five honor societies, including being president of the UMaine chapter of Golden Key. For the past three years, Hill has been a peer tutor in UMaine's Writing Center. She also led the winning team in the inaugural International Trade Show, organized by the Maine Business School, and served on the Library Student Advisory Committee. Hill plans to pursue an MBA at UMaine. A full Q&A with Hill is [online](#).



Jade McGuire of Augusta, Maine, has been named the Outstanding Graduating Student in the College of Education and Human Development at the University of Maine in Orono. McGuire, an honors student majoring in elementary education, with a concentration in mathematics, will receive a bachelor's degree with

high honors at UMaine's 214th Commencement May 14. Her research for her honors thesis, "Preservice Teacher Self-Efficacy for Teaching Mathematics," focused on teacher beliefs about teaching math in the elementary grades. McGuire participated in the study abroad program Semester at Sea, and she was active in UMaine Black Bear Mentors and Alternative Breaks. She plans to start her elementary school teaching career in Maine and, ultimately, pursue a master's degree in education. A profile about McGuire's UMaine student experience is [online](#).



Yi Peng of Chongqing, China, has been named the Outstanding Graduating Student in the College of Engineering. Peng, a civil and environmental engineering major and a nontraditional student, is the recipient of numerous scholarships, including those from the Maine Better Transportation Association and Associated General Contractors of Maine. In 2014, she took first place in the student paper presentation at the 64th Maine Transportation Conference. Since 2013, Peng has been employed at UMaine's Advanced Structures and Composites Center, collaborating on research on the VoltturnUS floating offshore wind turbine and ultra-high performance concrete project. She participated in the National Science Foundation 2014 Summer Undergraduate Research Fellowships in Sensor Science and Engineering at UMaine, and the following summer, interned at HNTB Corporation in Westbrook, Maine. Peng is an officer in the UMaine chapter of the American Society of Civil Engineers and the first president of the UMaine Table Tennis and Badminton Club. She will pursue a master's degree in civil and environmental engineering at UMaine and plans a career as a structural engineer. A full Q&A with Peng is [online](#).



Dominika Trzilova of Usti nad Labem, Czech Republic, has been named the Outstanding Graduating International Student in the College of Natural Sciences, Forestry, and Agriculture at the University of Maine. Trzilova, a double major in molecular and cellular biology, and biochemistry, will receive a bachelor's degree at UMaine's 214th Commencement May 14. Trzilova was the recipient of the Susan Elliot Judd Roxby

Memorial Scholarship and the James Totman Scholarship, and is a member of Phi Beta Kappa honor society. In summer 2014, she was a research intern studying signaling controlling bone metabolism at the University of Connecticut Health Center. In summer 2015, she participated in a Biochemistry Summer Undergraduate Research Fellowship (BSURF) at the University of Iowa, where her research focused on stem cell maintenance in the fruit fly. In her junior year, Trzilova joined the UMaine lab of Dr. Robert Wheeler, where she used the zebrafish to analyze the innate immune responses to infections with *Candida albicans*, an opportunistic fungal pathogen that causes severe infections in immunocompromised patients. For her capstone project, she examined the role of macrophages in these fungal infections. In addition to her coursework and research, Trzilova was a resident assistant, a peer tutor in biology and biochemistry, and a microbiology lab teaching assistant. She served as vice president of both the Biology Club and the UMaine chapter of the Maine Society for Microbiology. Trzilova was active in the International Student Association, and participated in intramural basketball, soccer and swimming. This fall, she is enrolled in the Biological and Biomedical Sciences Ph.D. Program at the University of North Carolina at Chapel Hill. A full Q&A with Trzilova is [online](#).



Nipun Vaidya of Katmandu, Nepal, has been named the Outstanding Graduating International Student in the Maine Business School. Vaidya is majoring in accounting and finance. From the Maine Business School he received the Melvin T. McClure Scholarship and the Clark Noyes Liscomb '60 Prize. Vaidya interned with Fairchild Semiconductor in South Portland, Maine, and is a student accounting/finance assistant with UMaine's Advanced Structures and Composites Center. He is president of the UMaine chapter of the Institute of Management Accountants, a student ambassador in the Maine Business School and a resident assistant on campus. Vaidya also participated in intramural soccer. He has been hired as an external auditor with Ernst & Young in Boston, and plans to be a certified public accountant. A full Q&A with Vaidya is [online](#).



Hilary Warner-Evans of West Bath, Maine, has been named the Outstanding Graduating Student in the College of Liberal Arts and Sciences at the University of Maine. Warner-Evans is an honors student majoring in anthropology, with minors in English, folklore and Maine Studies. Her academic honors include the Maine Studies Research and Creativity Award and a University of Maine Humanities Center grant. As a George J. Mitchell Peace Scholar, Warner-Evans studied abroad in Cork, Ireland in 2015. Also that year, she attended a Library of Congress Field School for Cultural Documentation at Utah State University. At UMaine, she has collaborated on research at the Maine Folklife Center, and in the School of Marine Sciences and the School of Biology and Ecology. Warner-Evans' research for her honors thesis, "Themes of Identity and Power in Contemporary Topical Song," involves studies of songs written about Maine's North Pond Hermit and about water charges in Ireland, as well as new adaptations of "Which Side Are You On." She presented her research on the North Pond Hermit songs at three national conferences, including the annual meeting of the American Folklore Society in 2015. Warner-Evans has participated in Maine Peace Action Committee, the UMaine Conversation/Culture Partners program and the Honors College Student Advisory Board. This fall, she will pursue a master's degree in folklore at Indiana University. A full Q&A with Warner-Evans is [online](#).



Annabelle Wilson of Geelong, Victoria, Australia, has been named the Outstanding Graduating International Student in the College of Education and Human Development. Wilson, an elementary education major with concentrations in English and human development, is a member of UMaine's women's cross country, and track and field teams, serving as captain of both this past season. She is a three-time student-athlete scholar, and a member of the All Maine Women and Kappa Delta Pi honor societies. She has been a member of UMaine's Student-Athlete Advisory Committee and student-athlete mentor/tutor, and a co-chair of the UMaine chapter of Colleges Against Cancer. In 2012, the year she joined the UMaine community, Wilson placed 10th overall in the

World Mountain Running Championships, and competed in the Commonwealth Mountain Running Championships. In Maine, she did her student teaching at McGraw School in Hampden and Leonard Middle School in Old Town. This past winter in an internship at Carrabassett Valley Academy in Carrabassett Valley, Maine, Wilson helped establish a peer mentoring program for the school's ski and snowboard athletes. She plans to start her elementary school teaching career in Maine. A profile about Wilson's UMaine student experience is [online](#).



Elizabeth Wood of Catlett, Virginia, has been named the Outstanding Graduating Student in the College of Natural Sciences, Forestry, and Agriculture at the University of Maine. Wood is an honors student majoring in biology with a pre-med concentration, and a minor in chemistry. She is a member of UMaine's women's basketball team, serving as captain for the past two seasons. Her numerous academic and athletic awards include the America East Elite 18 Award, America East Female Scholar-Athlete of the Year and 2015 Dean Smith Award. The summer after her sophomore year, Wood participated in a NASA-funded cancer biology internship project at Colorado State University. At UMaine, her honors research focused on prevention of Type 2 diabetes, exploring nerve function, calories, energy expenditure and fat storage. The title of her thesis: "Novel Role of Neurotrophic Factor in White Adipose Tissue." Wood has served as president of the UMaine Student-Athlete Advisory Committee and the America East Conference representative on the Division I Student-Athlete Advisory Committee. She plans to pursue a professional basketball career, followed by medical school. A profile about Wood's UMaine student experience is [online](#).

Wahle quoted Gloucester Daily Times about lobster industry

22 Apr 2016

University of Maine marine scientist Rick Wahle was quoted in a [Gloucester Daily Times](#) editorial that argued American lobsters are not a threat to the Sweden lobster industry and that U.S. officials need to protect the trade market. "Attempts to introduce American lobsters elsewhere have failed," Wahle was quoted in the editorial. "A newly introduced lobster would face a gauntlet of different species that it has no experience with."

Weekly Packet covers Mayewski being honored in Vienna

22 Apr 2016

The [Weekly Packet](#) reported the European Geosciences Union is honoring University of Maine explorer, scientist and author Paul Mayewski for his achievements in ice research and climatic change. In addition to his research, Mayewski, director of the UMaine Climate Change Institute, is receiving the 2016 Hans Oeschger Medal in Vienna, Austria, for serving as a role model for the next generation of scientists. Mayewski has led more than 55 expeditions around the planet to research climate change and was featured in the Emmy Award-winning Showtime series "Years of Living Dangerously" that highlighted effects of climate change on people and the planet.

Franco American Studies program to host retreat for writers, artists

22 Apr 2016

The Franco American Studies program at the University of Maine will host its fifth annual retreat of Franco-American writers and artists April 22–24 at the Darling Marine Center in Walpole. More than 30 attendees from New England, Quebec and New Brunswick are expected to attend. The event aims to gather members of the Franco-American creative community to share work in a culturally supportive space. Those who participate are encouraged to share their work. The public is welcome to attend the free event Saturday, April 23 to view the presentations. For more information, contact Lisa Michaud, lisa.michaud@umit.maine.edu or Susan Pinette, spinette@maine.edu.

Ahmed Almaghasilah: 2016 College of Engineering Outstanding Graduating International Student

22 Apr 2016

Have you had an experience at UMaine that has changed or shaped the way you see the world? Who you are — your color, language or your religion — does not matter. What matters are the results you yield at the end of the day and your passion for what you doing. **Why UMaine?** UMaine was on the list I was hoping to get in because it has international students and have good engineering department. **Is there any particular initiative, program or set of resources that helped you succeed?** I found the weekly class help sessions with notes given from the professor important because I could sense the meaningful aspects of course the professor is trying to convey to students. Also, most professors at UMaine are willing to help students, out of their office hours. **Have you worked closely with a professor or mentor who made your UMaine experience better?** Dr. Richard Eason. He mixes education and fun at the same time in his classes.

Mikaela Gustafsson: 2016 College of Liberal Arts and Sciences Outstanding Graduating International Student

22 Apr 2016

What difference has UMaine made in your life and in helping you reach your goals? UMaine has made a huge difference in my life. Freshman year I was able to explore a lot of different areas within my academic field to find the right major for me. Interacting with other students and the faculty has helped me find the areas that interest me the most and has given me a better idea of the career path I want to take in the future. Basketball has been huge for me, the support that the UMaine community has for women's basketball is exceptional and it has allowed me to connect with people and different organizations in Maine. Being a student-athlete has also taught me a lot about responsibility, time management, leadership, teamwork and what it means to work hard. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** The diversity on our campus has allowed me to interact with people who come from very different backgrounds and it has definitely helped me to expand my view on the world. Once again, basketball has been huge factor for me and my experience here — it has taught me to appreciate the fact that I get to play basketball and represent the school every time I step on the floor and it has also taught me to be thankful for the opportunity I got to earn a free education through a academic scholarship. **Why UMaine?** Basketball was my number one reason for coming here, but hearing about the close-knit community and the academic opportunities definitely helped. The size of the school and the location felt like a perfect fit for me. When I came to visit in June 2012 I was able to have lunch with the previous UMaine president and his wife at my coach's house and that was a really cool experience. The fact that it had a similar climate to what I was used to in Sweden also played a role. I felt at home at UMaine from the first day I stepped my foot on campus. **How would you define the opportunities for student success at UMaine?** **Is there any particular initiative, program or set of resources that helped you succeed?** My experience in the Sociology Department at UMaine has been great. The faculty offer students great support and are willing to help. My first year I used the advising services from the College of Liberal Arts and Science and my adviser there was great in helping me to figure out what major was going to be the right fit for me. As I student-athlete I have to stress the academic support services and the greatness of their staff in helping student-athletes succeed while balancing busy schedules. They have been my rock in helping me balance schoolwork with practices and travel schedules. **Have you worked closely with a professor or mentor who made your UMaine experience better?** Laurie Cartier in the Sociology Department has been a great resource for me. The classes that I have taken with Dr. Steve Barkan and Dr.

Kyriacos Markides have resulted in greater knowledge, interest and passion for the field of sociology. Also, Ann Maxim from the Student-Athlete Academic Support Center has encouraged me to stay on top of my game and study hard. **What advice do you have for incoming students to help them get off to the best start academically?** First, make sure that you find a field that truly interests and intrigues you because that will make your four years so much easier and interesting. If you are an international student whose first language is not English it can be frustrating at first — but be patient and stay focused and before you know it things will get a lot easier. Study hard and do not settle. Find out when and where you study the most efficiently, my favorite spots are the library and the Memorial Union. Make the most out of your time in college but make sure to prioritize and stay on top of your schoolwork because it will pay off.

Dominika Trzilova: 2016 College of Natural Sciences, Forestry, and Agriculture Outstanding Graduating International Student

22 Apr 2016

What difference has UMaine made in your life and in helping you reach your goals? UMaine has great diversity, both in terms of people and academics. It has really helped me grow and shape my views both as an individual and a scientist. I was able to take advantage of numerous opportunities which helped me maximize my potential and help me get accepted into a research Ph.D. program. Have you had an experience at UMaine that has changed or shaped the way you see the world? While it is tempting to talk about trips to Baxter State Park or all those late nights studying organic chemistry, what UMaine really taught me was to trust in myself. As an international student, with basic fluency in English, those initial days in Knox Hall were pretty scary. But reaching out to other students and developing lasting mentors allowed me to build a wonderful support structure and to gain confidence in my own abilities. No single event was pivotal to my changed world view. It was a gradual overcoming of language and cultural differences, which strengthened me from that shy student arriving from the Czech Republic. **Why UMaine?** In a sense, UMaine chose me. As the recipient of an International Student Tuition Scholarship, I was able to fulfill my dream of studying in the U.S. Once I was here, I found that as a land and sea grant institution, UMaine offered a research breadth many schools of the same size could not. I also appreciated the focus on undergraduate education and the ability to receive world-class education in a friendly environment. **How would you define the opportunities for student success at UMaine? Is there any particular initiative, program or set of resources that helped you succeed?** I would highlight the Black Bear Leaders program (formerly UNUM Leaders). I participated as a first-year student and the program really helped me get connected to resources on campus and find friends. I accepted a paid position with the program as a sophomore to further pass on the knowledge I so much appreciated as an incoming student, and I've had a truly wonderful experience helping students adjust to college life. **Have you worked closely with a professor or mentor who made your UMaine experience better?** My research mentor Robert Wheeler has really helped me improve my scientific skills and identify my research interests. Dorothy Croall is a fantastic educator who holds her students to the very high standards she sets for herself and I have learned a great amount from her. Finally, Karen Boucias, the former Director of International Programs, provided me with a lot of support reaching outside of the academic area. We still regularly enjoy discussions over dinner. **What advice do you have for incoming students to help them get off to the best start academically?** I think it is important to recognize when you need help and use the available resources, like the Resident Assistants or Academic Support Coordinator in your residence hall or the Tutoring Program. I would also advise getting involved on campus as soon as possible, whether it be a club or an intramural sport. The combination of meeting people and feeling connected provided me a support structure during the inevitable stressful times of college life. Finally, seeking out mentors as one's academic career proceeds is invaluable. The experience and advice from someone who has your back can make all the difference to one's level of success.

Kathleen Hill: 2016 Division of Lifelong Learning Outstanding Graduating Student

22 Apr 2016

What difference has UMaine made in your life and in helping you reach your goals? UMaine has made me more cognizant of all of the possibilities in the world and that I have the ability to attain whatever I set my mind to. I have greatly increased my network in my time here, and I know that will serve me well in the future. The classwork itself has made me a more well-rounded person and the gained knowledge has given me more self-confidence. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** My work with a team of nine other

students on the Maine Business School's International Trade Show booth changed my outlook on teams and created a desire in me to learn as much as I can about how teams work and how to improve their impact. **Why UMaine?** I have worked on this campus for almost two decades, so it would be fair to say that UMaine is in my blood and in my heart. When I decided I wanted to obtain a bachelor's degree, there really were no other options for me; it was going to be UMaine or nowhere. **How would you define the opportunities for student success at UMaine? Is there any particular initiative, program or set of resources that helped you succeed?** As with most things in life, success does not simply fall in your lap at UMaine; you have to want it and work for it. Becoming a writing tutor was definitely beneficial to all of my studies, and my adviser was always a good sounding board as well as bank of advice. However, aside from my own drive, the professors themselves were probably my biggest aid in my success. I found all of my professors were more than willing to help with any struggles if I was putting in the effort and approached them with respect and reasonable questions. **Have you worked closely with a professor or mentor who made your UMaine experience better?** I have had several professors who really stand out with me: Deborah Rogers, Clint Relyea, James Brophy, Robert Roper, Niclas Erhardt and Laura Cowan. Each of them helped me reach a new level either academically or personally. However, the biggest impact on my learning and my life has come from Shawn McKenna. His philosophies and teaching practices made learning seamless and fun, and his complete faith in our abilities have brightened my outlook on people and life. He has also been a huge asset as the supervisor for my capstone project. **What advice do you have for incoming students to help them get off to the best start academically?** Buy the books, attend every class, actually take notes and then read them later, use all available resources like the Writing Center and other tutoring assets, and listen to your professors — they really do know what they are talking about. Quite simply — show up and pay attention.

Nipun Vaidya: 2016 Maine Business School Outstanding Graduating International Student

22 Apr 2016

What difference has UMaine made in your life and in helping you reach your goals? The University of Maine provides students with opportunities and resources to prepare them for any career and help them realize their potential through rigorous education. The best thing about UMaine is that it provided me with an all-rounded education. I received an education that not only focused on theoretical education but also its application in the real-world. In addition, I also learned the importance of networking and communication and have been able to polish these skills with the guidance of the extremely talented faculty. **Why UMaine?** I wanted to be a part of a rigorous curriculum where I would be able to learn from talented professors, be able to take advantage of numerous campus resources, fit in easily and enjoy college life. UMaine had it all. On my first day on campus, I went with my friend to play soccer at the football field. In a couple of minutes I made about 20 new friends just by asking if I could join in. UMaine has a very friendly campus which makes it easier for international students like me to easily adjust. UMaine also has a rigorous curriculum. I have learned a lot from every class that I have taken and all the professors I have had have been extremely helpful. The university provides a platform for continuous growth of its students and for professional development which will help them to achieve their goals. **How would you define the opportunities for student success at UMaine? Is there any particular initiative, program or set of resources that helped you succeed?** There are plenty opportunities for student success at UMaine. Students can be involved in student organizations or can hold a campus job. Student also have access to resources such as the Career Center, Counselling Center and others. I could not have landed my internship at Fairchild or my full-time job at Ernst & Young without the Career Center. Students also have opportunities to participate in events, conferences and competitions. My capstone class provided me with a platform to compete with other business students around the world. I am currently participating on the International Collegiate Business Strategic Competition and will be going to Anaheim, California to present our results. **Have you worked closely with a professor or mentor who made your UMaine experience better?** All my professors have been a big influence on me, but the one who I worked with closely has been lecturer Wendy Coons. I have always turned to her if I need advice about anything, not just academics. My first real-world business experience was to work for UltraCell. Wendy informed me about that opportunity and told me that it would be a wonderful experience and it turned out to be a really good learning experience. **What advice do you have for incoming students to help them get off to the best start academically?** The first semester of college is one of the hardest semesters. It's a big transition from high school. Students have more freedom and independence. My advice to incoming students is to manage their time properly. To do academically well, student should try to stay on top of their assignments, attend classes, introduce themselves to their professors and talk to advisers.

Yi Peng: 2016 College of Engineering Outstanding Graduating Student

22 Apr 2016

What difference has UMaine made in your life and in helping you reach your goals? UMaine has expanded the stage of my life. I grew up in a small village in Chongqing, China. I did not go to high school because my parents couldn't afford it. I came to the U.S. in 2009, attended Lawrence Adult Education to obtain my GED diploma, and started college at Kennebec Valley Community College in 2010. When I transferred to UMaine in 2012, learning the language and technical skills was a challenge. It is the challenges and opportunities at UMaine that broadened my perspective and allowed me to grow and dream big. UMaine is a warm community where my daughter, Emily, and I feel welcomed. **Why UMaine?** When I returned from Vassar College, I knew I was going to transfer to UMaine. I came up to the campus and met with professor Eric Landis, I knew this is where I wanted to be. **How would you define the opportunities for student success at UMaine? Is there any particular initiative, program or set of resources that helped you succeed?** I am amazed by how many opportunities that UMaine has to offer its students. Every opportunity is a diamond, dark or shiny, it is your magic stone, so grab it when you can. Communication with your professors will only lead somewhere helpful, so don't be shy. **Have you worked closely with a professor or mentor who made your UMaine experience better?** I like all of my professors. I work closely with all of my professors in Civil and Environmental Engineering Department, and I have a special mentor, Donald Grant, professor and chair emeritus in mechanical engineering. **What advice do you have for incoming students to help them get off to the best start academically?** I advise incoming students to set a high standard for themselves, and to work harder and to go one step further than most people would.

Hilary Warner-Evans: 2016 College of Liberal Arts and Sciences Outstanding Graduating Student

22 Apr 2016

What difference has UMaine made in your life and in helping you reach your goals? It's been my intent to become a folklorist since I was 15. But very few colleges and universities in the Northeast, including three of the five to which I applied for my undergrad, offer anything at all in the way of studying folklore. I don't believe that any of those places would have adequately prepared me for graduate study in folklore. UMaine not only prepared me, it confirmed my choice because my first real understanding of the discipline of folklore — ANT 221, Introduction to Folklore, — made me fall in deeper love with the subject. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** Yes. Introduction to Folklore changed the way I look at the world. It made me realize that things we take for granted (jokes, holiday customs, etc.) are actually important and meaningful, and that studying them can give us a better understanding of our fellow human beings. To a lesser extent, Introduction to Anthropology: Diversity of Cultures also imparted this perspective that daily life is worth studying. My time studying abroad at University College Cork gave me a different perspective on both UMaine and on American culture. **How would you define the opportunities for student success at UMaine? Is there any particular initiative, program or set of resources that helped you succeed?** The Maine Folklife Center has been hugely important to my success by giving me a structure in which gain skills and knowledge in my field. Its archive also inspired me to do my own research in the hopes of contributing to it. The Honors College was important for me in that it allowed me to feel a stronger sense of community here than a large university could give me on its own. It's an institution in which I feel that students' voices are really respected. I would also say that UMaine's fairly unique openness to interdisciplinarity has contributed positively to my student experience. My transcript will tell you that I'm an anthropology major, but really, I feel like I've been allowed to run wild intellectually. **Have you worked closely with a professor or mentor who made your UMaine experience better?** I've worked most closely with Dr. Sarah Harlan-Haughey from English/Honors, but there have been many other professors who have contributed positively to my experience. I feel that they've treated me with a great deal of respect and valued my ideas, and been open to my bringing in information from other disciplines. **What advice do you have for incoming students to help them get off to the best start academically?** Take classes that interest you, because they give you more incentive to study. Even if it's "just for a gen ed," there is no major that is so isolated one can't find a general education class that can be applied to it.

Celebrated musical theatre director and coach to teach public master class at the University of Maine

25 Apr 2016

Cary Libkin, director and recently retired chair of musical theatre from Pennsylvania State University, will coach School of Performing Arts students in a master class April 28, from 1–3 p.m. in Minsky Recital Hall. In the workshop, which is free and open to the public, Libkin will coach five UMaine students in acting the song techniques, and answer questions on the state of musical theatre today as it pertains to young professionals. Students slated to perform for the class are Isabella Etro of Eliot, Maine; Nathan William Reeves of Old Town, Maine; Julia Waldron of Brattleboro, Vermont; Zachary Fisher of Sabattus, Maine; and Noah Lovejoy of Turner, Maine. For 25 years, Libkin headed the musical theatre degree programs at Penn State, where he was a professor of theatre. He retired in December. Libkin also chaired Penn State's musical theatre BFA program, and MFA programs in directing for the musical theatre stage, music directing and vocal pedagogy for musical theatre. His is a founder and past president of the Musical Theatre Educators Alliance — International, and has taught and consulted for programs in Sweden, Denmark, Germany, Netherlands and the U.K. Libkin is a member of the Stage Directors and Choreographers Society, and is an active freelance director. In addition to directing musicals, Libkin directs Shakespeare and contemporary works. Directing credits include work at Steppenwolf Theatre, Kentucky Shakespeare Festival, Music Theatre of Wichita and Pennsylvania Centre Stage. Libkin now resides in Maine and continues to work as a freelance director, teacher and master clinician, coach and musical theatre program consultant.

Free cover crop walk April 26 at Stonyvale Farm

25 Apr 2016

University of Maine Cooperative Extension and the Natural Resources Conservation Service are sponsoring a free cover crop field walk Tuesday, April 26, at Stonyvale Farm in Exeter. Those wanting to take part are asked to meet at 1 p.m. at the Exeter Town Office at 1220 Stetson Road to carpool to the farm. Stonyvale Farm has used cover crops for years and experimented with tools and techniques to establish effective cover crops and improve soil health. The walk will include different fields to observe rooting depth and soil qualities and to evaluate the effectiveness of experiments to improve sustainability of cropping systems. For more information, or to request a disability accommodation, contact Rick Kersbergen, 342.5971, richard.kersbergen@maine.edu.

UMS Faculty Institute May 20 at University of Maine at Augusta

25 Apr 2016

The 2016 Faculty Institute will be 7:30 a.m.–4:30 p.m. May 20 at the University of Maine at Augusta, sponsored by University College. The free institute offers tools, resources and strategies practiced and shared by University of Maine System faculty that can add value to any course. This year, the keynote speaker will be independent education consultant Lodge McCammon, discussing one-take video production for tutorials, quick-lessons, flipped classes and screencasts. Special presenters include Sunny Lee and Erin Knight of Badge Labs and the Maine State of Learning, who will talk about mini-certificates for learning opportunities using credentialed badges. The agenda and registration for the institute are online. Mileage will be reimbursed.

Sturm demonstrates Earth Day science experiments on WVII

25 Apr 2016

David Sturm, an instructional laboratory and lecture demonstration specialist at the University of Maine, visited the studio of [WVII](#) (Channel 7) for an installment of “Science with Sturm.” To celebrate Earth Day, Sturm demonstrated several experiments related to our planet that are easy to do at home.

Conference honors basketball player, runner as top scholar-athletes, BDN reports

25 Apr 2016

The [Bangor Daily News](#) reported University of Maine basketball player Sigi Koizar and distance runner Jesse Orach

have been honored as 2015–16 America East Winter Scholar-Athlete selections. Orach and Koizar were among five student-athletes recognized for demonstrating excellence both athletically and academically and achieving the two highest grade point averages of the five honorees, according to the article.

Sorority holds annual cystic fibrosis fundraiser, WVII reports

25 Apr 2016

[WVII](#) (Channel 7) covered a University of Maine sorority's annual Cystic Fibrosis Carnival. All proceeds from Delta Phi Epsilon's event — more than \$1,000 — went to the Cystic Fibrosis Foundation, according to the report. Courtney May, president of the sorority, said raising money for the cause is important. "People are living longer than the statistic which is 45 right now," she said of those with cystic fibrosis. "And in my lifetime that's risen by 20 years alone. So it's great to see that there's progress and just finding ways to make people live longer."

Las Vegas Sun quotes Anderson in article on aquaculture, food security

25 Apr 2016

Paul Anderson, director of the Maine Sea Grant College Program and Aquaculture Research Institute at the University of Maine, was quoted in a [Las Vegas Sun](#) article about celebrity chef Rick Moonen's efforts to educate the world about responsible seafood farming and ocean conservation. Wild species of Pacific and Atlantic salmon, which U.S. government sources say are on the verge of going extinct due to overfishing, could benefit from continued aquaculture growth, according to the article. With "no guarantee" that endangered salmon and other fish will be replenished anytime soon, Anderson said further advancements in science and aquacultural farming would be needed to help "figure everything out."

WABI reports on Zimmerman Memorial Fitness Challenge

25 Apr 2016

WABI (Channel 5) covered the 2016 1st Lt. James R. Zimmerman Memorial Fitness Challenge held at the University of Maine. Four-person teams participated in a variety of physical activities including pack runs, pull-ups and a crawl through a mud pit. The challenge was established in 2011 to honor and remember Zimmerman, a 2008 UMaine Naval Reserve Officer Training Corps (NROTC) graduate from Houlton, who was killed in action in November 2010 while in combat during Operation Enduring Freedom in Afghanistan. "In the United States, life is important to us and when one life is lost in a significant way like this, it impacts people around them much more than what we realize," said Tom Zimmerman, James' father. Also on the UMaine campus Saturday, was 5K Fun Run to commemorate the 100th anniversary of the Junior Reserve Officer's Training Corps (JROTC), WABI reported. [WVII](#) (Channel 7) also covered the event.

WABI covers 22nd HOPE Festival

25 Apr 2016

[WABI](#) (Channel 5) reported on the 22nd annual HOPE Festival that was held at the University of Maine's New Balance Student Recreation Center. With a theme of "Creating the Future: Art and Social Change," this year's event focused on creativity. Families enjoyed activities including storytelling, art, poetry, puppets, sculpture and film, according to the report. "Art can be a tool to create social change, to educate, to learn about globalization, to learn about how the U.S. is connected to the world, and to learn how we are connected to Earth and to the world," said Stefano Tijerina, an adjunct assistant professor in history and political science at UMaine. The HOPE festival, which stands for Help Organize Peace Earthwide, is sponsored by the Peace and Justice Center of Eastern Maine and the Peace and Reconciliation Studies program at UMaine.

NSF research grant to advance spatial artificial intelligence

25 Apr 2016

“Just over the hill” or “downstream” are phrases commonly used to communicate location. But how can these basic instructions be used for computing? With a two-year, \$175,000 research grant from the National Science Foundation, Torsten Hahmann, an assistant professor in the School of Computing and Information Science, will explore the implications of informal spatial descriptions on computing and artificial intelligence. The project, “Empowering Multi-Conceptual Spatial Reasoning with a Repository of Qualitative and Quantitative Spatial Ontologies,” will develop techniques for computers to flexibly and reliably deal with a wide range of informal spatial descriptions, such as “east of the road” or “at the south shore of the lake.” Hahmann will investigate computational mechanisms that connect such descriptions to more traditional coordinate-based spatial information used in satellite mapping or GPS devices. His research will also develop methods that enable computers to figure out what implicit assumptions are made in such informal spatial descriptions. For example, a simple piece of information such as “X is contained in the lake” may take on very different spatial meanings in different contexts. If X is a bay, it means that it consists of a portion of the lake’s water, whereas if X is an island, it means it is surrounded by the lake water, but does not consist of water itself. Once a computer better understands such descriptions, it can add missing information from existing maps. In the long term, the research will make computational tools for recording, processing, and searching through spatial information much more powerful and user-friendly. The project will support two graduate students and offer opportunities for undergraduate students to get involved in cutting-edge research. More information about the project is online.

Rubin a transportation expert at national conference

25 Apr 2016

Jonathan Rubin, director of the Margaret Chase Smith Policy Center and professor of economics, and chair of the Environment and Energy Section, U.S. Transportation Research Board of the National Academies, will be one of the experts presenting on transportation at the Washington, D.C. conference, [U.S. Energy Policy in the 2016 Elections and Beyond: Incremental or Transformational?](#) The April 26 event is sponsored by the Center for Strategic & international Studies. Joining Rubin in the session on transportation will be Dan Sperling, founding director of the Institute of Transportation Studies, University of California, Davis; James Corless, director of Transportation for America; Drew Kojak, executive director of the International Council on Clean Transportation. The session will focus on transportation as a major driver of energy consumption and a source of air quality issues. New technologies and new approaches to transportation mean that the United States is in a unique position to rethink the policies and regulations affecting how, when, and where people and goods move. What is the future of vehicle emissions and efficiency standards both in terms of stringency and method of testing? How are states and the federal government improving aging infrastructure? Where is the funding coming from and where can more be done? Should infrastructure dollars go to upgrading the existing platform or transforming it to accommodate the future vehicle fleet? How will new vehicle technologies and ways of using vehicles change the transportation energy landscape and what issues does that raise for policymakers? What is the future technology platform for transportation? Electrification? Biofuels? All of the above?

Run wild at the Spawning Run 5K April 30

25 Apr 2016

Shad, sturgeon, salmon and lampreys have swum up the Penobscot River to spawn for eons. In honor of this annual migration, the [UMaine Student Subunit of the American Fisheries Society](#) is hosting its own run, albeit on land, on April 30. The second annual Spawning Run 5K starts at 9 a.m. in front of Nutting Hall on the UMaine campus. From there, the course winds along the university’s streets and bicycle trails before circling back to the starting line. Runners and walkers of all ages are welcome, and proceeds benefit the Subunit’s education and outreach projects in Bangor-area schools. “We started this race to raise awareness of the native fishes that live right in our backyard in the Penobscot River Watershed. We hope proceeds from this year’s race will help us bring fisheries science to more K–12 students,” said Daniel Weaver, president of the UMaine Student Subunit of the American Fisheries Society, and Ph.D. graduate candidate in the Department of Wildlife, Fisheries, and Conservation Biology. The 2015 event drew 105 racers and raised approximately \$700, which the Subunit used to develop lesson kits about squid and freshwater invertebrates, and lead hands-on activities about sea-run fish to 15 classrooms. The Spawning Run 5K will award prizes to the racer

sporting the best fish costume, and the three fastest male and female runners. Advance registration is \$15, or \$20 on the day of the race. The racers each will receive a raffle ticket, and the first 100 to register will also receive a shirt with their entry. Race and raffle prizes were donated courtesy of Maine Rafting Expeditions, Orono Brewing Company, Woodman's Bar & Grill, Verve, Bear Brew Pub, Pat's Pizza, Old Town Trading Post, The Dry Dock and the UMaine Bookstore. Event details and registration are available at bit.ly/spawn5k.

2016 Edith Patch Award winners announced

26 Apr 2016

Five University of Maine students have been named winners of the 2016 Edith Patch Award. The award is given annually to undergraduate and graduate students who have demonstrated scholarship and service in the fields of science, agriculture, engineering or environmental education, and who show promise for future contribution in their field.



The award is named in honor of UMaine's first woman scientist, Edith Marion Patch (1876–1954), who was an internationally renowned entomologist, environmentalist and educator in the early 20th century. It is given by the Friends of Dr. Edith Marion Patch in celebration of her life and legacy, as well as in recognition of the accomplishments of the next generation of women at UMaine. The award ceremony and reception is co-hosted annually by the Friends of Fogler Library. This year's winners are:

- Savannah Haines, a second-year student in the School of Forest Resources;
- Tizezew Sisay, a master's student in the School of Forest Resources;
- Jesica Waller, a master's student in the School of Marine Resources,
- Corianne Tatariw, a doctoral student in the Ecology and Environmental Sciences Program; and
- Lisa Weatherly, a doctoral student in the Molecular and Biomedical Sciences Program.

As a member of the university's white pine research team, Savannah Haines has contributed to the study of fungal pathogens in white pine, offering innovative approaches to research methodology and data analysis. She has taken a leadership role among students in the school, serving as chair of the student chapter of the Society of American

Foresters and as a member of SFR student volunteers, helping to shape the undergraduate experience within the department. Tizezew Sisay was the only woman from her state selected to attend forestry school in her native Ethiopia. After completing her diploma and an additional bachelor's degree in economics, along with service to address water access, sanitation and other environmental and economic issues in her homeland, she came to UMaine to pursue studies aimed at improving environmental conditions and the livelihoods of rural Ethiopian women. Sisay's thesis examines the ways women have been affected by deforestation, changing agricultural practices, and related environmental degradation. Her work aims to provide information that will contribute to environmental, economic and social policies. Sisay also has demonstrated commitment to service in Maine as a member of UMaine's African Student Association and a guide for schoolchildren exploring local forest habitats. Waller has contributed to research on the population dynamics of one of Maine's most commercially and culturally valued marine species — the lobster. Her thesis, "Impacts of ocean warming and acidification on larval stages of the American lobster," includes research that links environmentally induced changes in larval development, physiology and behavior, to changes in gene expression. Waller's work will help determine whether larvae have genetic mechanisms enabling them to adapt to environmental change, a critical understanding to scientists and policymakers addressing the potential impacts of and responses to climate change. In February, Waller's photograph of a larval lobster won the People's Choice award in the 2016 National Science Foundation's Visualization Challenge, or Vizzies. Corianne Tatariw is among the researchers contributing to UMaine's long-term study of the Bear Brook Watershed. Her work focuses on soil microbes through examining microbial response in varied land-use types, determining how nitrogen status influences response to other minerals, and how changing snowpack affects microbial communities through winter and the transition to spring. Tatariw's findings have contributed to the work of other researchers, and her broader interest in the effects of environmental disturbance have enabled her to reach out to scientists, policymakers and members of the community concerned about changes in climate and on land. Lisa Weatherly's research focuses on the effects of the common antibacterial agent triclosan on the function of mast cells, which are essential to most physiological processes and diseases in many species, including humans. Weatherly is a pioneer in employing the super-resolution microscopy technique FPALM, developed by UMaine physics professor Sam Hess, to investigate molecular mechanisms underlying triclosan effects. Her analyses will contribute to scientific understanding and consumer protection policy as the U.S. government recently has called for the evaluation of triclosan use and toxicity in common antibacterial products. In addition to the Edith Patch Award winners, five UMaine women have been named Distinguished Nominees: Randi Jackson, an undergraduate student in Wildlife, Fisheries, and Conservation Biology; Rebecca Rivernider, an undergraduate in the School of Biology and Ecology; Lisa Izzo, a master's student in Wildlife, Fisheries, and Conservation Biology; Megan Leach, a master's student in Ecology and Environmental Sciences; and Brianne DuClos, a doctoral student in Ecology and Environmental Sciences.

BDN publishes op-ed by Segal

26 Apr 2016

The [Bangor Daily News](#) published an opinion piece by Howard Segal, a history professor at the University of Maine. The article is titled, "Remember Eugene McCarthy's insurgent 1968 campaign — and the limits of Hillary's moderation."

Ellsworth American reviews 'La Boheme' production at CCA

26 Apr 2016

[The Ellsworth American](#) published a review of the Bangor Symphony Orchestra's season-closing concert and semi-staged performance of Giacomo Puccini's "La Boheme." The four-act opera was performed at the Collins Center for the Arts. In addition to the orchestra, the production featured the University Singers and UMaine's Oratorio Society, as well as the Bangor Area Children's Choir and soloists, according to the article. "It was a brave experiment for the BSO that left the audience looking forward to next season," the author wrote. The [Bangor Daily News](#) also published a review of the production.

Sun Journal reports on Maine National History Day winners

26 Apr 2016

The [Sun Journal](#) reported on Androscoggin and Oxford county students who won awards at the statewide National History Day (NHD) competition held at the University of Maine in April. NHD is an academic program that promotes critical thinking, research and presentation skills through project-based learning for students of all abilities. Approximately 340 students from 35 middle and high schools were accompanied by their teachers, friends and families to showcase exhibits, papers, websites, documentaries and performances based on original student research at several locations on campus. Maine National History Day is a partnership between UMaine and the Margaret Chase Smith Library, with support from the Maine Humanities Council and the Maine Historical Society. Top state winners will be eligible to compete in the national contest in Washington, D.C. in June.

UMaine Ph.D. candidate awarded Fulbright to Canada

27 Apr 2016

Kimberley Rain Miner, a second-year Ph.D. candidate in Earth and climate sciences at the University of Maine, has received a Fulbright U.S. Student Program grant to Canada in geosciences from the U.S. Department of State and the J. William Fulbright Foreign Scholarship Board. Miner, who is from Los Angeles, will be conducting research at University of Ottawa as part of a project to determine risk of legacy glacial contaminants to downstream populations. She is one of more than 1,900 U.S. citizens who will teach, conduct research, and provide expertise abroad for the 2016–17 academic year through the Fulbright U.S. Student Program. Recipients of Fulbright awards are selected on the basis of academic and professional achievement as well as record of service and demonstrated leadership in their respective fields. Miner's research focuses on developing a risk assessment model for release of legacy pollutants in glacial outflows. Pollutants released by industrialized nations between 1960 and 2004 have been transported northward through atmospheric processes and deposited into glaciated alpine ecosystems. Many of these chemicals retain their original structure and are absorbed into the biota thousands of miles away from where they were originally utilized. With a warming climate increasing the melt of alpine glaciers, these glaciers may be introducing growing amounts of toxins into the watershed. While studies have demonstrated the existence of resident pollutants within glaciated ecosystems, no one has used standard toxicological testing methods to assess the risk posed by these compounds when released in glacial outflows. The goal of Miner's study is to develop a framework to assess the conditions under which glacial release of persistent organic pollutants are a risk to the health of downstream communities. In order to get an understanding of the potential risks, multiple disciplines must be integrated to set a baseline for the current state of the problem and test future risks based upon modeled scenarios. Combining toxicology, hydrology, glaciology and climate models, her study seeks to understand chemical movement through the glacial watersheds and potential human impacts, and the risk that varying rates of increased melting will pose. Ultimately, a better understanding of the potential for release of stored toxins in glacier watersheds will allow development of relevant management strategies. The Fulbright Program is the flagship international educational exchange program sponsored by the U.S. government. It is designed to build relations between the people of the United States and the people of other countries that are needed to solve global challenges. Fulbright participants address critical global challenges — from sustainable energy and climate change to public health and food security — in all areas, while building relationships, knowledge, and leadership in support of the long-term interests of the United States and the world. More information about the Fulbright Program, now in its 70th year, is [online](#). Contact: Margaret Nagle, 207.581.3745

Odor plays a role in whether mussels stay or go

27 Apr 2016

For people looking to settle down, a location's odor can be a factor in whether they stay or go. Turns out the same is true for mussel larvae. Mussel larvae swim toward odors from adult mussels, and swim away from odors from predators, including green crabs and dog whelks, says Scott Morello, a visiting researcher at the University of Maine Darling Marine Center in Walpole, Maine. Morello found that mussel larvae can recognize and respond to a broad range of odor cues when deciding whether to settle in wild beds or on aquaculture lines. And, says Morello, the predator odors he used are from species that do not directly feed on mussel larvae, or even on newly settled mussels. The odors were from predators that feed on older mussels, which indicates larvae assess future risk on some level when they make

settlement decisions. “I wouldn’t go so far as to suggest cognition on the part of larvae, but rather that these behaviors are the outcome of selective pressures exerted by predators, or competitors, of future life stages,” he says. While mussels are the state’s fifth-largest fishery by poundage, Morello says they’re declining in the Gulf of Maine and there isn’t a clear indication as to why. Thus, understanding why the mussel larvae decide to settle or not in an area is important to fisheries and ecosystems. Both wild and aquaculture stocks rely on settlement from natural larval supplies, he says. Morello conducted the research with Phil Yund, senior scientist at the Downeast Institute for Applied Marine Research & Education in Beals, Maine. Morello is a postdoctoral associate under Yund at the institute. The research, titled “Response of competent blue mussel (*Mytilus edulis*) larvae to positive and negative settlement cues,” was published in the July issue of Journal of Experimental Marine Biology and Ecology. Contact: Beth Staples, 207.581.3777

Young collaborates with NASA at Langley Research Center

27 Apr 2016

For some, a dusty place where it snows and the average temperature is 81 degrees below zero Fahrenheit might not be an appealing destination. But Mars — the fourth planet from the sun — is a place NASA intends for astronauts to explore. Scientists at NASA’s Langley Research Center in Virginia routinely ask, “How do we get there? What will we find? And what can we learn there that will make life better here on Earth?” And Andrew Young, a University of Maine doctoral student in civil engineering who conducts research at the University of Maine Advanced Structures and Composites Center and a NASA Space Technology Research Fellow, is working to help NASA get people there.



Earlier this year, Young took part in a 10-week visiting technologist experience at Langley Research Center to help further that goal. NASA had named Young a fellow for his efforts, and results, on testing its Hypersonic Inflatable Aerodynamic Decelerator (HIAD) at the Composites Center. NASA annually sponsors fellows — graduate students with potential to contribute “to creating innovative new space technologies for the U.S. science, exploration and economic future.” The HIAD — which resembles a badminton birdie or shuttlecock — mounts on a nose of a spacecraft. As the craft enters a planet’s atmosphere, the HIAD inflates to slow the craft so it can safely land. The atmosphere on Mars is 96 percent carbon dioxide; Earth’s is 78 percent nitrogen, 20 percent oxygen and .039 percent carbon dioxide. NASA’s HIAD technology is intended to make it possible for a spaceship large enough to carry astronauts and heavy loads of scientific equipment to explore Mars — which is about 34,092,627 miles from Earth — and beyond. Young and other UMaine engineers are testing the HIAD for NASA and analyzing stresses and deformations at the Composites Center. NASA and EPSCoR are funding the three-year \$750,000 project. “The UMaine Composites Center provides me with opportunities and resources I never would’ve thought available in Maine, especially the opportunity to work so closely with NASA on this technology,” says Young. In Virginia, Young

collaborated with NASA scientists and conducted complex advanced numerical modeling of the structural behavior of the HIAD and its components to understand the structures at a material, component and structural level. Results gleaned in Virginia were promising and provided a roadmap for continued work on the project at UMaine, said Young, who is on schedule to earn his doctorate in summer 2017. His thesis title: *Large Payload HIAD Systems: Structural Investigation and Optimization*. The Poland Springs, Maine native said working at the 800-acre Langley campus — which boasts more than 20 major test wind tunnels — was exciting, worthwhile and provided an interesting insider's perspective. Young attended UMaine after working for eight years right out of high school. He said he wanted a steeper career trajectory. His academic path at UMaine has been impressive. In 2011, when he earned a bachelor's degree in civil engineering, Young was presented the Hovey Award, which is given to the outstanding senior in civil and environmental engineering. And in 2013, when he earned a master's degree in civil engineering, he was named the Outstanding Graduate Student in the Civil and Environmental Engineering Department and received the Director's Award at the Composites Center. After earning his doctorate, Young said he'd like to continue contributing to purposeful engineering projects and perhaps teach. His collaborators at UMaine for the HIAD testing include: Bill Davids, the John C. Bridge Professor and chair of the Civil and Environmental Engineering Department; Andrew Goupee, Libra Assistant Professor of Mechanical Engineering; and Joshua Clapp, a doctoral student in civil (structural) engineering. Contact: Beth Staples, 207.581.3777

Alba-Technic, UMaine engineers accept the Head Health Challenge

27 Apr 2016

Inventor and entrepreneur James Ferguson uses his head. And with assistance from University of Maine researchers, he's creating a material to help other people protect theirs. The founder and CEO of Alba-Technic, LLC in Winthrop, Maine has developed a patented, shock-absorbing material system to shield the brain from injury. Ferguson, a former nuclear power plant engineer from Scotland, compares the state-of-the-art material to a second skin that absorbs and disperses blows before they reach the brain. His product was a hit in the Head Health Challenge III. Ferguson was one of five, among 125 international entrants, to garner a \$250,000 prize and advance to compete for the \$500,000 grand prize. The challenge is a collaboration of the NFL, Under Armour, GE and the U.S. Department of Commerce's National Institute of Standards and Technology. The competition is being held to support development of advanced materials that better dissipate impact and thus improve protective gear for football players and military personnel. Ferguson's impact-resisting material has a soft honeycomb inside layer that absorbs blows by deforming, buckling and moving in multiple directions. The outside layer — made of a dilatant material that is usually soft — also absorbs shock. And when the material system sustains a big blow, the dilatant layer stiffens, spreading the load over numerous honeycomb cells. Ferguson and UMaine are working to improve the material system, and early in 2017 Ferguson will submit the final entry to Head Health Challenge III. University researchers, including mechanical engineering professor Vincent Caccese, test the material in the Advanced Biomechanics Lab for Injury Reduction and Rehabilitation in UMaine's Advanced Manufacturing Center (AMC). During testing on the linear impact machine, blows are repeatedly delivered to a crash test dummy wearing a helmet containing Ferguson's patented dilatant/honeycomb material. The machine producing the hits at up to 12 meters per second approximates a head-on collision between two football linebackers each running 25 mph. "AMC and UMaine have been instrumental in allowing us to develop the advanced materials so [quickly]," Ferguson says, adding that UMaine researchers also conduct drop testing, computer simulations and laser scanning. "It's a great partnership — UMaine, AMC and Alba-Technic." Ferguson brainstormed the idea years ago, when he coached youth soccer in Cape Elizabeth, Maine. To help hesitant youngsters gain confidence heading the ball he developed a protective headband. When Dr. Steve Castle, a clinical professor of medicine/geriatric medicine at UCLA, saw the invention he knew it also could benefit his senior patients at risk of falling. So Ferguson created the SMARTY® (Smart Materials And Research Technology for You). The SMARTY® — which soon could be available commercially — looks like a designer headband. It protects the wearer from blows to the head during falls. "You can't stop people from falling — but you can give them extra protection," says Ferguson. One of his friends, who sustains as many as five seizures a day, wears a SMARTY®. Ferguson says it repeatedly saves her from brain injury and preserves her quality of life. Caccese says people don't feel stigmatized wearing a SMARTY® because it's aesthetically pleasing, contours to the head and doesn't have a chinstrap. Using criteria employed by the National Highway Traffic Safety Administration, Ferguson says the product can reduce trauma to the head by about 60–70 percent, depending on the thickness of the material employed in the design. And when referring to g-force, it can potentially reduce an impact of

300 g — which can result in death— to less than 100 g. These materials and products, says Ferguson, have the potential to improve the lives of NFL players and military personnel, as well as millions of others, including toddlers, athletes at all levels, people who have seizures and centenarians. “It’s a tremendous opportunity,” Caccese says, “and the reward is a chance to help prevent injury.”

Celebration of life slated for former public safety director Alan Reynolds

27 Apr 2016

Friends and family of Alan Reynolds are invited to celebrate his life from 2–4 and 6–8 p.m. Thursday, April 28 at the Birmingham Funeral Home, 438 Main St., Old Town. A Mass of Christian Burial will be held 10 a.m. Friday, April 29 at Parish of the Resurrection, Holy Family Church, Old Town. Burial with police and military honors, will follow at Lawndale Cemetery, Old Town. All are then invited to return to the Parish Hall for a light luncheon and continued fellowship. Reynolds, a University of Maine alumnus and former director of public safety at UMaine, passed away April 24. He was 77 years old. In addition to his work at UMaine, Reynolds also served in the Navy and Air Force, as a reserve police officer for the city of Old Town, and as a deputy sheriff for Penobscot County, according to his obituary.

Collins Center for the Arts ‘re-ignites the flame’

27 Apr 2016



The Collins Center for the Arts is “re-igniting the flame.” The flame is sculptor Clarke Fitz-Gerald’s “Flame of Inspiration” chandelier, which once graced the foyer of the-then Maine Center for the Arts. The 21-foot-tall bronze chandelier, weighing more than a ton, was a fiery presence at the center for about two decades, including when Yo-Yo Ma and Isaac Stern performed at the grand opening in September 1986. But during extensive renovations to the center between 2007 and 2009 — and its transition to the Collins Center for the Arts — the chandelier was removed and placed in storage. When the CCA opens its 31st season in September 2016, the

“Flame of Inspiration” will again shine, says CCA executive director Danny Williams. “The Flame of Inspiration was a gift from the Class of 1942 for the grand opening of the building. By reinstalling the flame, we not only return this signature piece to its intended home, we honor the Class of ’42’s exceptional generosity,” he says. “There has been a lot of discussion and planning surrounding this project and I am very grateful to all those who helped make this happen.” Metal sculptor and artist Stephen Fitz-Gerald, son of Clarke Fitz-Gerald, will prepare the piece for its second unveiling. While Stephen Fitz-Gerald is based in northern California, he is returning to his father’s former studio in Castine — Clarke Fitz-Gerald died in 2004 — to restore the piece to its original luster.

College of Natural Sciences, Forestry, and Agriculture awards top students

27 Apr 2016

The College of Natural Sciences, Forestry, and Agriculture at the University of Maine honored 11 students for their exemplary achievements during a banquet on April 20. The undergraduate recipients are:

- Frank B. and Charles S. Bickford Memorial Prize: Elizabeth E. Wood, biology;
- Outstanding International Student: Dominika Trzilova, molecular and cellular biology and biochemistry; and
- The Wallace C. and Janet S. Dunham Prize: Michaela Morris, ecology and environmental sciences.

The graduate recipients are:

- Outstanding Master’s Degree Student Award: Connor Wood, wildlife ecology;
- Outstanding Service Award: Kimberley Miner, Ph.D. Earth and climate sciences;
- Graduate Research Excellence Award: Kevin Du Clos, Ph.D. oceanography;
- Edith M. Patch Outstanding Ph.D. Award: Binod Neupane, Ph.D. ecology and environmental sciences;
- Fred Griffie Memorial Award: Haley Viehman, Ph.D. engineering in the natural sciences;
- George F. Dow Graduate Scholarship Award: He (Helen) Jiang, Ph.D. ecology and environmental sciences;
- Jean A. and David A. Webb Professional Master’s Award: Sara K. Martin, M.S.W.; and
- Norris Charles Clements Graduate Student Award: Alex Bajcz, Ph.D. ecology and environmental sciences.

Also during the event, the college recognized faculty members Gregory Porter, Caroline Noblet and Aaron Weiskittel for their [outstanding work](#). More information about the students is [online](#).

Regional Top Gun coordinator speaks with WVII about meet-and-greet event

27 Apr 2016

Lisa Liberatore, regional program coordinator for Top Gun, visited the [WVII](#) (Channel 7) studio to speak about a meet-and-greet event set 6–8 p.m. Thursday, April 28 at First National Bank in Bangor. Top Gun is an entrepreneurship accelerator program offered by the Maine Center for Entrepreneurial Development and University of Maine. “We’re looking for those people that have big ideas,” Liberatore said. “Whether you have an idea or a business, we want to meet you.”

Augusta native named Outstanding Graduating Student, centralmaine.com reports

27 Apr 2016

[Centralmaine.com](#) published a University of Maine news release announcing Jade McGuire, of Augusta, was recently named the Outstanding Graduating Student in the College of Education and Human Development. McGuire, an honors student majoring in elementary education, with a concentration in mathematics, will receive a bachelor’s degree with high honors at UMaine’s 214th Commencement May 14. Her research for her honors thesis, “Preservice Teacher Self-Efficacy for Teaching Mathematics,” focused on teacher beliefs about teaching math in the elementary grades. McGuire participated in the study abroad program Semester at Sea, and she was active in UMaine Black Bear Mentors and Alternative Breaks. She plans to start her elementary school teaching career in Maine and, ultimately, pursue a master’s degree in education.

BDN publishes op-ed by Kaye

27 Apr 2016

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, “Why this year’s older candidates may be less stressed, more optimistic presidents.” 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.

WVII reports on LGBTQ Services’ Pride Week

27 Apr 2016

LGBTQ Services at the University of Maine was featured in a [WVII](#) (Channel 7) report about transgender issues. The group is hosting Pride Week, a series of on-campus events praising individuality. Amy Schmitt, a work study student for LGBTQ Services, said the week provides the opportunity for the community to “celebrate everything that makes people individuals, especially in terms of LGBTQ.” Schmitt added that UMaine is “very welcoming” and offers general-neutral bathrooms, as well as the option to use the facility people feel most comfortable with.

WLBZ previews 2016 Student Research Symposium

27 Apr 2016

[WLBZ](#) (Channel 2) reported more than 500 University of Maine students will showcase their work during the 2016 Student Research Symposium at the Cross Insurance Center in Bangor on April 27. The event for both undergraduate and graduate students offers an opportunity to speak with Maine residents, including those who could benefit from the research, according to the report. One of the student leaders told WLBZ that a large focus of the event, as well as research at UMaine in general, is finding solutions to problems in Maine, such as how to protect wild blueberry crops or improve education in rural areas.

National Geographic reports on Lasley-Rasher’s copepod, toxic algae research

27 Apr 2016

[National Geographic](#) reported on a recent study conducted by Rachel Lasley-Rasher, a postdoctoral researcher at the University of Maine’s Darling Marine Center. She found a common species of plankton in the northern Atlantic Ocean, *Temora longicornis*, becomes intoxicated when it consumes the toxic algae, *Alexandrium fundyense*. Plankton under the influence swim faster and on a straighter path, making them more susceptible to predators, according to the article. “We honestly thought we would see [the plankton] slow down,” Lasley-Rasher told National Geographic, but by speeding up, “they are encountering predators at a much higher rate.” [Inside Science](#), [Tech Times](#) and [Science News for Students](#) also reported on the study.

2016 CUGR Summer Fellowship winners announced

27 Apr 2016

The University of Maine’s Center for Undergraduate Research (CUGR) has announced the 2016 CUGR Summer Fellowship winners. The center’s advisory committee selected five proposals from 19 student submissions to be awarded \$3,000 each during the summer semester. This year’s winners are:

- Antonia Carroll, chemistry, “Carbon Dioxide Fixation Using a Tungsten Oxide Electro-Catalyst,” advised by Brian Frederick;
- Chase Gagne, wildlife ecology, “Characterization of Riverine Rock Pools and Effects Influencing their Aquatic

Invertebrate Communities,” advised by Hamish Greig;

- Trevor Lessard, ecology and environmental science, “Bioelement Accumulation from Marine Life with Possible Effects on Terrestrial Habitat in the Falkland Islands during the Holocene,” advised by Jacquelyn Gill;
- Anna Olsen, international affairs, “Urban and Landscape Change in an Ancient Adriatic Settlement: the Ottoman Era,” advised by Gregory Zaro; and
- Sarah Rashed, marine biology, “Age Estimation and Stock Composition of Atlantic Bluefin Tuna in the Gulf of Maine,” advised by Walter Golet.

Each proposal was reviewed by three judges and scored on clarity, research goals and objectives, importance to the field, timeline, budget and faculty commitment letters. Top proposals were then discussed at a panel. The awards were presented during the 2016 Student Research Symposium held at the Cross Insurance Center in Bangor on April 27. For more information, visit the CUGR [website](#) or email cugr@maine.edu.

Go from boards to harvest with UMaine Extension garden series

28 Apr 2016

University of Maine Cooperative Extension’s five-session class covering raised bed and container gardening starts 9–11 a.m. May 18 at the Somerset County Extension office, 7 County Drive, Skowhegan. UMaine Extension staff and Master Gardener volunteers will lead the hands-on series; remaining sessions will be held June 15, July 13, Aug. 17 and Sept. 14, at the same time and location. Participants will help build raised-bed, square-foot containers, then plant, maintain and harvest vegetables from them. The \$20 fee covers all materials. Registration is online. For more information, or to request a disability accommodation, contact Tammy Bodge-Terry at 474.9622 or 800.287.1495 (toll-free in Maine).

Mechanical engineering students to compete in land drone competition

28 Apr 2016

More than 35 mechanical engineering students at the University of Maine will compete in the Mud Season Challenge on April 30 as part of their capstone requirement. The students were tasked with developing and building a fully autonomous land drone that can traverse unstable, muddy terrain to patrol the border between the U.S. and Canada or other similar areas throughout the world, such as Finland and Russia. The vehicle is required to be smaller than a snowmobile, use an engine similar to those used to power a chain saw, and be built with low-cost components. Being guided by GPS coordinates, the design must be able to maneuver varied terrain including water, mud, ice and obstacles throughout northern Maine while collecting audio and visual data. During the challenge, 10 teams of three to four students will compete in a variety of tasks to test the speed and precision of their land drones, including fording a stream, climbing over rocks, navigating via GPS and recording acoustic data greater than 90 decibels. The competition begins at 8:30 a.m. with a safety review in Crosby Lab on the UMaine campus, followed by a qualifying round at 9 a.m. The challenge will move to the University Forest at 11 a.m. The contest will be judged by a panel of experts in the agriculture, forestry and automobile industries. More information about the competition and students, including links to each group’s website, is [online](#).

Morning Ag Clips advances UMaine Extension class on raised bed, container gardening

28 Apr 2016

Morning Ag Clips published a University of Maine Cooperative Extension news release announcing a five-session course on raised bed and container gardening which begins 9–11 a.m. May 18 at the Somerset County Extension office in Skowhegan. UMaine Extension staff and Master Gardener volunteers will lead the hands-on series; remaining sessions will be held June 15, July 13, Aug. 17 and Sept. 14, at the same time and location. Participants will help build raised-bed, square-foot containers, then plant, maintain and harvest vegetables from them. The \$20 fee covers all materials. Registration is online.

WVH interviews Hecker at Workforce Development Summit in Bangor

28 Apr 2016

[WVII](#) (Channel 7) spoke with Jeffrey Hecker, the University of Maine's executive vice president for academic affairs and provost, at the Maine Career Connect Workforce Development Summit. "The university, every year, we bring in faculty and professionals from around the world to come work at the university," said Hecker, who took part in a panel discussion during the event that was held at the Cross Insurance Center in Bangor. More than 100 representatives of Bangor-area businesses, economic development groups, schools, state agencies and politicians attended the event to discuss challenges related to job growth and retention, according to the [Bangor Daily News](#). WABI (Channel 5) and the Maine Public Broadcasting Network also reported on the conference.

BDN publishes op-ed by Klein on solar power myths

28 Apr 2016

Sharon Klein, an economics professor at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled, "5 myths people hold about solar power in Maine." Klein conducts research and teaches courses on comparing the technical, economic, environmental and social costs and benefits of a variety of energy options, including solar energy. She is an active member of the National Community Solar Partnership and has an appointment through the Maine Agriculture and Forest Experiment Station to study the costs and benefits of different renewable energy options in Maine.

Business students speak about International Trade Show on WABI

28 Apr 2016

University of Maine business students Kathy Hill and Brady Davis visited the studio of [WABI](#) (Channel 5) to speak about the second annual International Trade Show to be held May 3 at the New Balance Student Recreation Center. During the event, more than 100 student "economic development officers" from Clint Relyea's Introduction to International Business course will discuss the exports, history, education and health care systems of more than 30 countries. To prepare, students corresponded with consulates and embassies to learn about U.S. businesses in the global economy. They've focused on world trade and investments, international economic relationships and understanding cultural diversities. Davis, whose group was assigned Thailand, said he and his team worked to consider how best to market the country as a destination for business and travel. "In cooperation with the Thai Trade Center and Thai Embassy, we've really been able to get informed on how to present the nation and its opportunities in the best way, so that's been a huge learning opportunity for us," he said. The public is invited to attend the show from 10 a.m. to 2 p.m.

Nursing students, UVAC participate in disaster simulation, media report

28 Apr 2016

[WVII](#) (Channel 7), [WABI](#) (Channel 5) and [WLBZ](#) (Channel 2) reported on a disaster simulation held at the University of Maine for students in the School of Nursing and University Volunteer Ambulance Corps (UVAC). The event featured a simulated bus accident and 31 student actors with a range of injuries, including those that were life-threatening. The simulation was held to provide hands-on training for 34 UMaine senior nursing students in a 400-level community and population health class, led by assistant professor Kelley Strout. The students were evaluated on their disaster response, including triage of victims. "They've been doing excellent," Aiden Koplovsky, assistant chief of UVAC, told WVII. "A lot of things that people will notice is that this is very slow, things don't happen very fast in an incident like this. There's a lot of moving parts and a lot of things to get done. They've been doing a great job, they're staying very calm very collected and very organized."

WABI reports on restoration of Collins Center for the Arts flame sculpture

28 Apr 2016

WABI (Channel 5) reported on the restoration of Clarke Fitz-Gerald's "Flame of Inspiration" chandelier sculpture,

which graced the foyer of the former Maine Center for the Arts for about two decades. During renovations to the center between 2007 and 2009 — and its transition to the Collins Center for the Arts — the 21-foot-tall, 1,500-pound bronze chandelier was removed and placed in storage. The sculpture, which will be reinstalled in September, was taken out of storage Wednesday. “Moving something like this and installing something like this and even working on it is no small feat,” said Danny Williams, executive director of the CCA. Metal sculptor and artist Stephen Fitz-Gerald, son of Clarke Fitz-Gerald, traveled from his home in California to restore the piece at his late-father’s former studio in Castine. “To use the same tools that I was trained with as a child — carving wood and manipulating metal — it is a joy,” Stephen Fitz-Gerald said.

Media cover 2016 Student Research Symposium

28 Apr 2016

[WLBZ](#) (Channel 2), [WABI](#) (Channel 5) and the [Bangor Daily News](#) reported on the University of Maine’s 2016 Student Research Symposium. More than 500 undergraduate and graduate students presented their work at the Cross Insurance Center in Bangor. “It’s our job to take the knowledge that the students and the faculty are producing and apply that to concerns for the state,” Carol Kim, UMaine’s vice president for research and dean of the Graduate School, told WLBZ. One of those concerns, according to WLBZ, is the state’s aging population and finding ways for residents to stay in their homes longer. Ali Abedi, a UMaine professor of electrical and computer engineering and director of the Center for Undergraduate Research (CUGR), spoke to WLBZ about sensor technology UMaine students are developing to monitor people at home in a noninvasive way. “It’s just amazing what the students are doing,” Kim said. “And every year I think that the level and the quality of the work just gets better and better.” Abedi told WABI the event allows the opportunity for students to present their research in a professional setting and “connect with the general public in terms of how our research can help with the state’s economy and can help solve some of the problems we have in many different disciplines.”

Maine Day of Giving May 4

28 Apr 2016

The University of Maine Annual Fund office will be conducting the institution’s first Maine Day of Giving May 4, 2016. The 24-hour-long event will take place during the University’s annual Maine Day – traditionally a day of service for University students, faculty and staff, also on May 4. In this way, alumni and friends of the University may participate in the day of service by making a gift to the University of Maine. Maine Day of Giving will be searchable on social media with the hashtag #mainedayofgiving. More information about the event can be found at the [University of Maine Foundation’s website](#).

Woodsmen’s Team member to compete in national championship

29 Apr 2016

A member of the University of Maine Woodsmen’s Team has earned a spot in a national championship after placing first at a regional contest. William “Brad” Jones, a third-year wildlife ecology major from Portsmouth, New Hampshire, will compete in the the [2016 STIHL TIMBERSPORTS](#) U.S. Professional and Collegiate Championships July 15–16 in Chicago. In April, the UMaine Woodsmen’s Team took part in the largest meet of their season, the 70th annual Northeast Woodsmen’s Conclave at Alfred State in Alfred, New York. At the regional contest, the team also had the opportunity for one male and one female to compete against representatives from 13 other universities to earn a spot at the national championship. Jones took the top spot in the STIHL Northeast Collegiate Qualifier, while female competitor Megan Woods placed fifth. As a team, the men placed seventh in the meet, while the men’s and women’s “Jack-and-Jill” team placed eighth. This will be Jones’ second trip to the championship where he will compete against five other collegiate qualifiers. Last year, Jones placed fifth in the national contest in New York City. Jones, who has worked in the woods for most of his life, started logging sports when he came to UMaine in fall 2013. During his first year, he participated as the youngest competitor in the country in the STIHL Northeast Collegiate Qualifier, where he placed eighth.

Older adults sought for oat, barley study

29 Apr 2016

Adults who are at least 50 years old are invited to participate in a sensory research study on the consumer acceptability of oats and barley. From 3–6 p.m. Monday, May 2, participants will sample four recipes that contain either oats or barley and be asked to take a brief survey. The testing is part of thesis research being conducted by Amy Ryan, a graduate student in the School of Food and Agriculture who is pursuing a master's degree in nutrition. Working under the advisement of Mary Ellen Camire, a professor of food science and human nutrition who also has conducted research on whole grains, Ryan aims to measure the potential consumer demand and interest in oats and barley among older adults. "As of 2015, Maine has the oldest population in the United States, with a median age of 44.2 years old," Ryan says. "Knowing the aging demographic of Maine residents and the increased risk that age brings in the development of many health issues — especially Type 2 diabetes and high cholesterol — it is imperative to consider how to prevent and reduce the incidence of these health problems in an efficient and effective manner." All whole grains are rich sources of dietary fiber, but oats and barley are particularly beneficial due to their high beta-glucan content. Orally ingested beta-glucan can help reduce LDL cholesterol and stabilize blood glucose fluctuations associated with Type 2 diabetes, according to Ryan. "Increasing awareness and consumption of these grains is one way to help prevent and reduce the incidence of the many health problems older adults face," she says. "Though wheat is the primary crop currently grown and harvested in Maine, measuring potential consumer demand and interest in other grains, like oats and barley, may open up new opportunities to advance the nutritional and economic health of this state." The study will take place in Hitchner Hall, Room 158, and is expected to take 20–30 minutes to complete. Appointments can be made by emailing Ryan at amy.ryan@maine.edu. Those who have allergies to dairy, gluten/wheat, bananas, soy, chocolate, seeds or beans are asked not to participate. In addition, people with any other known allergies, should inform Ryan or Camire before participating. Individuals who complete the anonymous electronic survey will be given \$5 and be entered into a drawing for a \$75 Hannaford gift card. The recipes used for creating the food products also will be provided after the testing. For more information or questions regarding the study, contact Ryan at amy.ryan@maine.edu, or Camire at mary.camire@umit.maine.edu, 581.1733.

'Star Wars' theme parade, service projects, barbecue slated for Maine Day, May 4

29 Apr 2016

University of Maine students, faculty and staff will take part in Maine Day, the annual campuswide spring cleanup tradition, on Wednesday, May 4. 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. More than 40 projects will include raking, planting flowers, picking up litter and painting at various locations on campus, the bike paths and downtown Orono. Festivities will begin at 8 a.m. with a parade featuring student organizations, residence hall groups, fraternities and sororities, as well as faculty and staff. The parade will travel from the Hilltop area, down Long Road and across campus behind Balentine to York Hall before ending on the Mall. Those participating in the parade are encouraged to follow this year's theme, "Star Wars — May the fourth be with you." Parade registration is [online](#) until 5 p.m. Friday, April 29. This year, prizes will be awarded for the best campus department and student organization parade entries. Department winners will get the opportunity to attend a men's ice hockey game next season in the skybox of Robert Dana, UMaine's vice president for student life and dean of students. The best student organization will receive \$200 from Student Life to be used for an event of their choice during the fall semester. After the parade, 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. May 2. In-person registration for remaining projects will be available beginning at 9 a.m. May 4 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 1 p.m. The rain locations for the barbecue are Hilltop Dining, Wells Central and York Dining. Several student organization philanthropy events, as well as the oozeball championship, will take place in the lot from noon to 4 p.m. Activities include the Sophomore Owls' battle of the bands, human curling with the UMaine Curling Club, the Delta Tau Delta car bash, UMaine football team's bone marrow drive, Golden Key International Honour Society's dunk tank, pie-in-the-face booths and the St. Baldrick's head-shaving event hosted by UMaine Circle K. Arts and crafts, as well as henna tattoos also will be offered. 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 Life, 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.

Boothbay Register reports on visiting researcher's mussel study

29 Apr 2016

[Boothbay Register](#) published a University of Maine news release about a study conducted by Scott Morello, a visiting researcher at the Darling Marine Center in Walpole. Morello found mussel larvae swim toward odors from adult mussels, and swim away from odors from predators, including green crabs and dogwhelks. According to his research, mussel larvae can recognize and respond to a range of odor cues when deciding whether to settle in wild beds or on aquaculture lines. The predator odors Morello used are from species that feed on older mussels, which indicates larvae assess future risk on some level when they make settlement decisions. "I wouldn't go so far as to suggest cognition on the part of larvae, but rather that these behaviors are the outcome of selective pressures exerted by predators, or competitors, of future life stages," he said.

BDN publishes article by Ph.D. students on importance of vernal pools

29 Apr 2016

The [Bangor Daily News](#) published an article on the importance of vernal pools by Zachary Wood and Jared Homola, Ph.D. students in the Ecology and Environmental Sciences Program at the University of Maine. In the article, titled "Why these pools in the forest are more important than you may think," the students write that the effects of vernal pools on the surrounding forest are seen long after the pools disappear, with the insects and amphibians that emerge from the water in the spring providing food for other animals into the fall. "While they may be small in stature and in time, vernal pools can nourish the senses in the spring and the forest through the year," they wrote.

Maine Startups Insider reports on UMaine Business Challenge winners

29 Apr 2016

[Maine Startups Insider](#), an online news startup, reported on the winners of the UMaine Business Challenge, the state's largest student entrepreneurship competition. Two Colby College students, Dan Vogel and Scott Lehman, won the first-place prize of \$5,000 for NorthEats LLC, a food-ordering mobile app for local restaurants, according to the article. Zechariah Palmeter, a UMaine student, won the \$5,000 technology prize, for his plan to develop virtual reality exposure therapy software through his company Laeta, 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. The competition, which encourages innovation and entrepreneurship, was opened to all Maine college students in 2014.

Lincoln County News interviews Wahle about lobster shell disease

29 Apr 2016

[The Lincoln County News](#) spoke with Rick Wahle, a marine scientist at the University of Maine's Darling Marine Center, for an article about lobster shell disease making its way into the state. Epizootic shell disease has been seen in rising numbers in the warmer waters south of Maine and could pose a future threat to the currently booming lobster population in the Gulf of Maine, the article states. According to Wahle, the disease first took off in the coastal waters of Rhode Island around 1997, spreading to northeastern Massachusetts before stalling out for a number of years. The disease then progressed to New Hampshire before making it to Maine. "We have gradually seen it creep into Maine," he said, adding that until 2013, the disease was found in a few lobsters per thousand, but over the course of a year, its prevalence rose to a few per hundred, though these higher numbers were restricted to the southern part of the Maine

coast. The [Bangor Daily News](#) also published the article.

Behavior of tiny ‘intoxicated’ crustaceans can get them killed

29 Apr 2016

Intoxicated people aren’t alone in engaging in risky behavior. Intoxicated tiny crustaceans in the ocean — or copepods — do too. And it can get them killed. Rachel Lasley-Rasher studies small shrimp-like animals that become intoxicated from grazing on blooms of toxic phytoplankton. The University of Maine marine researcher said the common calanoid copepods *Temora longicornis* show no immediate adverse health effects after eating the harmful algal bloom species *Alexandrium fundyense*. But their behavior changes rather dramatically. After ingesting the toxic phytoplankton, the copepods swim significantly faster and straighter than usual, says Lasley-Rasher, who is based at the Darling Marine Center in Walpole. This ramped-up behavior, she says, increases their encounters with predators by as much as 56 percent — which means they’re more likely to be eaten. “They are encountering predators at a much higher rate for two reasons. First, by swimming faster and straighter, they are displacing themselves farther in their environment, increasing the probability of a predatory encounter,” she says. “Secondly, by swimming faster, copepods are creating a larger hydrodynamic signal (or wake), which means that predators can detect them from a greater distance. We honestly thought we would see [the plankton] slow down.” In oceanographer Jeannette Yen’s lab at the Georgia Institute of Technology, Lasley-Rasher introduced toxic phytoplankton to Damariscotta River estuary copepods then used specialized optical equipment to observe the copepods’ swimming behavior. Lasley-Rasher refers to the copepods as nutritious baby food for young fish — including fish that people eat. Copepods are thus important links in the aquatic food web, as they connect microscopic algal cells to juvenile fish and whales. This same toxic phytoplankton that is ingested by copepods causes harmful algal blooms in the Gulf of Maine and elsewhere. And the blooms can result in outbreaks of paralytic shellfish poisoning. People who eat contaminated shellfish can experience tingling and burning around the mouth, fever and staggering. Severe cases can result in respiratory arrest, paralysis and death. There is no antidote. “Copepods swimming in a more risky manner could have larger consequences on the ecosystem,” says Lasley-Rasher. “Predators consuming ‘intoxicated’ copepods allow the toxin to travel up the food chain. Further, as these copepods are consumed, fewer remain to control the spread of the harmful algal bloom.” A paper on the research, “Intoxicated copepods: ingesting toxic phytoplankton leads to risky behavior,” was published April 27 online in *Proceedings of the Royal Society of London B*. Contact: Beth Staples, 207.581.3777

Social work research to be showcased at UMaine

29 Apr 2016

Cutting-edge research that aims to improve conditions faced by disadvantaged communities and individuals will be showcased at the Social Work Graduate Research Symposium on May 4 from 1 to 3:30 p.m. in the Wells Commons on the University of Maine campus. The presentations represent the work of 18 graduate students from UMaine’s Masters of Social Work program, a unit of the College of Natural Sciences, Forestry, and Agriculture. Though the students are based in Orono, their research targets challenges faced by communities throughout Maine, and much of it holds nationwide relevance, from opioid addiction treatment to helping the elderly thrive in place. “Students in the Master of Social Work program gain real-world experience by partnering with agencies who shape their research questions so they address relevant, timely challenges currently faced by communities in Maine,” said Sandra Butler, interim director and professor for UMaine’s School of Social Work, and Master of Social Work coordinator. Students will discuss findings on the following subjects:

- Adverse childhood experiences: What foster parents do and don't know about trauma and its effect on child development (Students: Keren Copperman, Michelle Mason, Jon St. Peter; Community partner: Maine Resilience Building Network)
- Satisfaction with prenatal care services at Mabel Wadsworth Women’s Health Center (Students: Samantha Brown, Katie Jones, Amy Singer; Community partner: Mabel Wadsworth Women’s Health Center)
- A profile of kinship foster care families in Maine (Students: Jennifer Carlow, Aleeshia Carroll, Savanna Power; Community partner: Adoptive and Foster Families of Maine)
- Quality counts: Evaluating the strength of a nurse home visitation program in Bangor, Maine (Students: Anita

Hood, Meisha Nickerson; Community partner: Bangor Public Health and Community Services)

- A cohort's view of Medication Assisted Treatment: A need for further research (Students: Lorrie Mitchell, Sean Raymond; Community partner: Seaport Community Health Center of Belfast)
- Katahdin area community needs assessment: Challenges and opportunities to thriving in place (Students: Favour Akhidenor, Tom Elie, Jeremy Robichaud; Community partner: UMaine Center on Aging)
- Hammers and hampers: Home repair and maintenance services that support aging in place (Students: Nicole Benner, Sara K. Martin; Community partner: Eastern Area Agency on Aging)

The public is welcome to attend this free event, and advance registration is not required. For more information or to request a disability accommodation, contact Dawn Taylor at 207.581.4718

UMaine's 2016 Presidential Achievement Award winners

02 May 2016

Faculty members in marine sciences, engineering technology and political science have been named recipients of Presidential Achievement Awards, the University of Maine's top honors. Howard M. "Mac" Gray, professor of construction engineering technology, will receive the 2016 Presidential Outstanding Teaching Award; Neal R. Pettigrew, professor of oceanography, will receive the 2016 Presidential Research and Creative Achievement Award; and Amy Fried, professor of political science, will receive the 2016 Presidential Public Service Achievement Award. All three awards will be presented at the President's Faculty Recognition Luncheon May 14.



Gray has consistently had some of the highest student evaluations in the School of Engineering Technology, reflecting his innovative teaching style, knowledge and relevant experience and motivation. Whether teaching structural design, building construction, soil mechanics and foundations, or any of his other courses, students cite the effectiveness of his teaching methods, including bringing his experience to bear on theoretical lessons in the classroom, and using technology to enhance the learning environment. They also note his compassion, patience and genuine caring for students and their success. Gray's teaching has a memorable, positive and commendable impact on graduates. Student success and retention result from his outstanding teaching and mentoring. Alumni surveyed note that Gray's ability to effectively teach complex, technical subjects has far-reaching, positive impact on their employment and advancement in their professional careers. Most of Gray's former students are managers or leaders in the profession; many now own and operate their own firms, the majority of which are in Maine. During his tenure as coordinator of the Construction Management Technology Program, 1987–2011, enrollment quadrupled. He also was instrumental in developing the bachelor's degree program in construction management technology. Gray is a cooperating professor with UMaine's Advanced Structures and Composites Center. Since 2002, he also has been a peer consultant in UMaine's Center for Teaching Excellence. His research led to a patent awarded in 2011, "Slip Method for Prestressing Beams with Bonded Tendons." Gray received bachelor's and master's degrees from UMaine, and joined the faculty in 1981. His industry experience as a licensed professional engineer includes five years as a structural design



engineer for Chicago Bridge & Iron Co., Oak Brook, Illinois. Fried's accomplishments range from extensive local and statewide community engagement to significant national and international service. Fried was a co-principal investigator on the \$3.3 million National Science Foundation grant that established the ADVANCE Rising Tide Center at UMaine in 2010. The initiative aims to transform the university by increasing the recruitment, retention and advancement of women faculty members in science, technology, engineering, mathematics and social-behavioral sciences. While engaged in all aspects, Fried's work focused on work-life policies affecting all faculty. As co-chair of the Environment Committee of Faculty Senate, Fried negotiated policies on faculty work-family balance that were ultimately implemented across the University of Maine System campuses. Her active involvement in the Department of Political Science includes serving as the UMaine coordinator of the Maine Policy Scholars Program, a project funded by the Maine Community Foundation. Fried developed curricula requiring students to engage in civic action such as volunteering for a nonpartisan campaign effort or political campaign or writing to a newspaper or elected official. She is the faculty adviser to the UMaine College Republicans. Beyond campus, Fried co-directs the Maine chapter of Scholars Strategy Network and served on the board of the New England Political Science Association. Fried, the author of three books and numerous scholarly articles, is an internationally recognized expert on American politics, particularly the history and political uses of public opinion. For the media, she is a sought-after authority on public opinion and polling, elections and voting, same-sex marriage debates, Maine politics and health care. Since 2011, she has written a biweekly column on public affairs, published by the Bangor Daily News. In 2013, "Pollways," was the runner-up for the Maine Press Association's award for best news blog. She combines her extensive media commentary with public outreach, speaking frequently to civic and school groups. In 2012, Fried was recruited by the U.S. State Department to meet with and give presentations to leaders, scholars and citizens in Montenegro during the week of the presidential election. Fried joined the UMaine political science faculty in 1997. From 2007–10, she served as associate dean of the College of Liberal Arts and Sciences. Fried received a Ph.D. in political science from the



University of Minnesota.

Pettigrew is the director of UMaine's Physical Oceanography Group, the University of Maine Ocean Observing System, and the Maine Center for Autonomous Marine Surveys. As a physical oceanographer, he specializes in the circulation and physical processes in coastal seas, gulfs, continental shelves, straits, coastal embayments and estuaries. Pettigrew is internationally recognized for his research group's innovative surface data buoy designs that became the nation's first coastal ocean observing system. His research over the past quarter-century has been funded by more than \$40 million in extramural grants. Pettigrew has a Ph.D. in physical oceanography from the joint program in oceanography of the Massachusetts Institute of Technology and the Woods Hole Oceanographic Institution. Early in his career, with his first research grant from NASA, Pettigrew was instrumental in the development of the Acoustic Doppler Current Profiler (ADCP). ADCP is a remote current sensor based on the Doppler frequency shift of short acoustic beams scattered back to the ADCP from particles in the moving waters. After making improvements of the techniques to calculate current profiles in conditions of tilted and oscillating ADCPs, extensive validation of the RDI ADCP was field tested in comparison to the best current meter buoys in the Coastal Ocean Dynamics Experiment. ADCP is currently the internationally preferred instrument and technique for obtaining the accurate measurements of water currents at multiple depths in a water column. Pettigrew first employed the ADCPs in an ONR grant-funded experiment that resulted in significant contributions to increased understanding of the exchange of waters between the Mediterranean Sea and the North Atlantic Ocean through the Strait of Gibraltar. Pettigrew joined the UMaine community in 1991 and launched an oceanographic research program based on moored sensors to study the oceanography of the eastern Gulf of Maine. With funding from NOAA, he and his research team designed and built a system of oceanographic buoys that were deployed in the Gulf of Maine, producing first-of-their-kind data and information about ocean temperatures, salinities and currents. The data enabled the documentation and modeling of the interconnected Eastern Maine Coastal Current and Jordan Basin gyre that controls biological productivity for much of the Gulf of Maine. Starting in the middle 1990s, Pettigrew's research group developed and deployed a small-scale coastal observing system in Penobscot Bay using cell phones to report data every few hours. The Penobscot Bay Circulation Program was lauded by the USCG, Penobscot Pilots and commercial fishermen for the system's novel real-time condition reporting. In addition, the data from the moored sensors led to new hypotheses about why outer western portions of the bay produced more lobsters than anywhere else on the Maine coast. Pettigrew was the founding chief scientist of the Gulf of Maine Ocean Observing System (GoMOOS), the first regional ocean observing system featuring a series of instrumented buoys deployed in the gulf from Nova Scotia to Massachusetts Bay, measuring water temperatures, salinities, dissolved oxygen, current profiles, an array of optical sensors profiles, significant wave heights and periods, fog and other meteorological variables. The buoys, designed, fabricated and maintained by Pettigrew's team of oceanographers, engineers, computer programmers and research associates, have been transmitting real-time data since 2001. Now known as UMOOS, the University of Maine Ocean Observing System is part of the Northeastern Regional Association of Coastal Ocean Observing Systems (NERACOOS) providing observations of circulation and ocean conditions in the Gulf of Maine for those who make their livings on the water. This information informs weather forecasters and modelers, and provides data that is integral to ongoing research — from studies of fish populations, ocean climate and ocean acidification to harmful algal blooms. Pettigrew also oversees a buoy array in the Caribbean Coastal Ocean Observing System (CARICOOS). Pettigrew and his research group are currently developing small storm data buoys that are designed to be deployed before landfalls by hurricanes or northeasters, in coastal regions

endangered by inundation and flooding. This project was funded by NOAA in response to the damage caused by Hurricane Sandy in 2012. Early results indicate that the storm buoys, which measure storm waves and storm surges, have significantly improved predictions of catastrophic storm inundation events. In addition, the Physical Oceanography Group is developing sensors and techniques that improve autonomous undersea glider operations in both storms and as an important component of ocean observing systems by providing spatial variations of ocean conditions between the fixed locations of data buoy arrays. Contact: Margaret Nagle, 207.581.3745

Tips for attending UMaine's 214th Commencement ceremonies

02 May 2016

The University of Maine's 2016 Commencement is May 14, with ceremonies at 10 a.m. and 2:30 p.m. at Alfond Sports Arena. Motorists in the Orono area will encounter heavier traffic than usual throughout much of the day. Guests attending the Commencement ceremonies should build in extra travel time due to possible road construction delays in Orono and Old Town, and plan to arrive early. Doors open at 8 a.m. for the morning session; 1 p.m. for the afternoon. Primary parking for Commencement will be in the Collins Center for the Arts lot, where three shuttle buses will transport attendees to the arena. The Collins Center is easily accessed via Rangeley Road off Park Street. Shuttle buses also will provide transportation to Alfond Arena from the following parking lots: Steam Plant parking lot on College Avenue, Belgrade lot on Belgrade Road, Hilltop lot on Rangeley Road and Buchanan Alumni House at College Avenue and Munson Road. Backpacks and large bags of any type are prohibited in Alfond Arena during Commencement. People are strongly encouraged to leave large bags and any unnecessary items in their vehicles. Strollers may not be set up in the aisles of Alfond Arena. Guests with special needs are the only spectators allowed on the Commencement floor. Only professional photographers hired by the University of Maine 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 Sky Box Parking Area. The entry point will be plainly marked from College Avenue.

Become a citizen scientist for the Wild Leek Project

02 May 2016

The public is invited to participate in a project to expand knowledge about wild leeks in Maine and improve opportunities for the conservation of the species. Wild leeks (*Allium tricoccum*) are part of the onion family and grow in rich hardwood and floodplain forests. Also known as ramps, they are listed as a Species of Special Concern due to limited distribution and total numbers. The Maine Wild Leek Project is a collaboration between University of Maine Cooperative Extension and the Maine Department of Agriculture, Conservation and Forestry's [Natural Areas Program](#). In coming months, participating citizen scientists will receive information from UMaine Extension about wild leeks, including research on the effects of harvesting and a fact sheet about how to establish a wild leeks patch. More information about the project, including the reporting form, is [online](#). More information also is available from David Fuller, 778.4650, dfuller@maine.edu.

WVH covers ocean technology conference

02 May 2016

[WVH](#) (Channel 7) reported on an ocean technology conference held at the University of Maine. The conference, which was organized by UMaine's Canadian-American Center and the Maine International Trade Center, brought together researchers, business leaders and policymakers in ocean technology and strategy to promote a network of collaboration. The conference aimed to facilitate the integration of research, product development and technology transfer opportunities in the growing ocean technology sectors in New England and Atlantic Canada.

Former public safety director Alan Reynolds laid to rest, WABI reports

02 May 2016

[WABI](#) (Channel 5) reported on the memorial services for Alan Reynolds, a University of Maine alumnus and former director of public safety at UMaine. Reynolds passed away April 24. He was 77 years old. In addition to his work at UMaine, he also served in the Navy and Air Force, as a reserve police officer for the city of Old Town, and as a deputy sheriff for Penobscot County.

Rofes, civil engineering students take part in National Women Build Week, WLBZ reports

02 May 2016

WLBZ (Channel 2) reported students from the University of Maine's chapter of the American Society of Civil Engineers worked with Habitat for Humanity to celebrate National Women Build Week. The students volunteered to help renovate homes in the area, according to the report. Xenia Rofes, a laboratory manager in UMaine's Civil and Environmental Engineering Department, said there are lots of women engineers, and it's important to break stigmas related to women and construction.

Brewer quoted in Press Herald article on Sen. Susan Collins, Donald Trump

02 May 2016

Mark Brewer, a political science professor at the University of Maine, spoke with the [Portland Press Herald](#) for the article, "Collins 'not waiting by my phone' for invitation to be Trump's running mate." A New York Times article recently named U.S. Sen. Susan Collins a possible running mate for Republican presidential front-runner Donald Trump, according to the article. Collins said she hasn't made any decision about joining Trump's ticket, the article states. "She checks off a lot of the boxes that would be useful for Trump," Brewer said of Collins, adding he thinks Trump needs a female running mate to respond to his poor ratings among women voters. Collins' experience in foreign policy is a plus, and she is viewed as someone who doesn't always toe the party line, which is in keeping with Trump's outsider status, he said. However, Brewer added, Collins' career might suffer if she were ever to join the Trump ticket. "Any politician would have to consider it — a heartbeat away from the presidency is no small matter. But that being said, in this instance, with Donald Trump being the person making the ask, for Susan Collins it would not be a good career move," he said.

UMaine Baseball team visits patients, raises funds for cancer research, media report

02 May 2016

The [Bangor Daily News](#) and WABI (Channel 5) reported on the University of Maine baseball team's efforts to raise funds for cancer research, as well as visit children who are affected by the disease. Several times in the last two years, Black Bear players and a coach have gone to spend time with pediatric patients at Eastern Maine Medical Center in Bangor, according to the BDN. This weekend, the team is working to reach a goal of \$7,000 through a fundraising effort with the Vs. Cancer Foundation, an organization that partners with teams and schools across the country to support cancer research. For Sunday's 1 p.m. America East series finale against UMass Lowell, UMaine is hosting local children and families dealing with cancer at Mahaney Diamond. Before the game, Zak Mills of LaGrange, who has successfully battled bone cancer, will throw out the first pitch, the BDN reported.

Vice President Wincowski quoted in Press Herald article on pre-college 'gap year'

02 May 2016

Joel Wincowski, the University of Maine's interim vice president for enrollment management, was quoted in the [Portland Press Herald](#) article, "More graduates push pause, see benefits of pre-college 'gap year.'" According to the article, a growing number of students are taking a gap year after high school graduation to travel, save money for tuition or figure out what they want to study in college. UMaine allows incoming freshmen who have paid a \$150 deposit to defer for up to a year, the article states. Wincowski said there are usually about 100 incoming freshmen who ask for a

deferment. “There’s a variety of reasons students take a year off. A lot of them want to travel before entering. Some are the opposite — they need to earn additional money to pay for college,” he said.

Glover, study conducted by students cited in BDN article on Bangor’s assets

02 May 2016

Robert Glover, an assistant professor of honors and political science at the University of Maine, was quoted in a [Bangor Daily News](#) article about the city of Bangor’s positive elements that could help it succeed. “There’s a vibrance and dynamism to downtown that is attractive and can potentially be a source of interest and a magnet for retaining young people,” Glover said. The article also mentioned [a 2015 study](#) conducted by a group Glover’s political science students that looked at ways to keep college graduates in the Bangor area. Throughout the students’ yearlong collaboration with the city, they found the more opportunities students have to visit Bangor, the more likely they are to see it as an attractive place to settle, according to the article. “We can retain more of our young people but at the end of the day, if we want to have a robust labor force, it’s going to involve people moving in from out of state and moving in from out of the country,” Glover said.

Press Herald interviews Sorg about rising suicide rate among middle-aged Mainers

02 May 2016

The [Portland Press Herald](#) spoke with Marcella Sorg, a research professor of the Margaret Chase Smith Policy Center at the University of Maine, for the article, “Suicide rate climbing among middle-aged Mainers.” The number of Mainers who killed themselves in the 45–64 age group increased from 47 in 1999 to 102 in 2013 before declining to 86 in 2014, the latest year for which statistics are available, according to the U.S. Centers for Disease Control and Prevention. Experts say one possible contributing factor to the rise in suicides is the surge in opioid addiction — including prescription opioids and heroin, according to the article. Maine experienced 272 drug overdose deaths in 2015 and 208 in 2014, with the vast majority caused by heroin, fentanyl or prescription opioids, according to the 2015 Maine drug death analysis conducted by Sorg for the state medical examiner’s office. Sorg said that for budgetary reasons, Maine does not conduct toxicology reports for suicides that are not drug overdoses, so it’s unknown, for instance, whether people who committed suicide with a firearm had opioids in their system when they died. Sorg said more of the drug overdoses also are suicides, but Maine does not categorize them as suicides unless a note was left or there was some other compelling evidence pointing to suicide, the article states. “We don’t know whether it was a suicide in many cases. It’s a gray area,” Sorg said.

UMaine part of nationwide effort to safely prescribe opioids, WABI reports

02 May 2016

[WABI](#) (Channel 5) reported on President Barack Obama’s recent announcement of efforts to stop the country’s prescription opioid and heroin epidemics. The University of Maine’s School of Nursing is one of almost 200 institutions that have signed on to require education for prescribing opioids, according to the report. The required education involves registered nurses in the graduate program, the report states. Nancy Fishwick, Director of the School of Nursing, said the school already has been teaching this information, but is glad to be a part of the initiative. “We live in a state where people do have bad back injuries, arthritis, headache syndrome, a lot of chronic pain syndromes, and so we want to attend to people’s pain, but to not set patients up for becoming addicted,” Fishwick said.

Senior picked by Indianapolis Colts in NFL draft, media report

02 May 2016

The [Portland Press Herald](#), [WMTW](#) (Channel 8 in Portland), [WGME](#) (Channel 13 in Portland), [IndyStar](#), WABI (Channel 5), WLBS (Channel 2) and [92.9 FM The Ticket](#) reported University of Maine senior defensive lineman Trevor Bates was selected by the Indianapolis Colts in the seventh round of the NFL draft — 239th overall. Bates is a Westbrook native.

WABI previews Thomas Hill Standpipe light, projection show

02 May 2016

[WABI](#) (Channel 5) advanced “FLOW: An evening of water themed light & projection,” to be held at the Thomas Hill Standpipe in Bangor on May 4. The multimedia event — a partnership between the Intermedia MFA program at UMaine, Coaction Lab and Bangor Water District — will take place during the annual spring tour of the standpipe. Faculty and students in the Intermedia MFA and New Media programs will project onto the structure light, images and videos inspired by the building’s history and function. “This sprung into my head because I live in the neighborhood here and I walk my dog past the standpipe all the time,” said event organizer Gene Felice, a professor of new media and intermedia at UMaine. “I particularly work with video projection in my own artwork and I’ve projected on lighthouses in the past and on other architectural structures. And when I got a first look at the Bangor standpipe, I just dreamed of it being a perfect three-dimensional video screen.” Tours will begin at 5:30 p.m. with the projections beginning at dusk. A rain date is scheduled for May 11. [WVII](#) (Channel 7) also previewed the event.

WLBZ, WABI cover land drone competition

02 May 2016

WLBZ (Channel 2) and WABI (Channel 5) reported on a land drone competition among mechanical engineering students at the University of Maine. As part of their capstone, students were tasked with developing and building a fully autonomous land drone that can traverse unstable, muddy terrain to patrol the border between the U.S. and Canada. The students subjected their devices to a series of challenges including crossing a stream, navigating GPS and recording data, according to WABI. Mick Peterson, a UMaine mechanical engineering professor, spoke with WABI about the capstone project. “We need to get them ready to go out into the job market,” he said. “What we’re really doing is transitioning from the foundations of engineering to the applications.”

UMaine’s 214th Commencement set for May 14

02 May 2016

Editor's note: Story updated May 9. The 214th Commencement at the University of Maine will be held May 14 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, with nearly 1,800 undergraduate and graduate students, including over 40 doctoral degree candidates, expected to participate. Both ceremonies are ticketed events and [live streaming](#) will be available. Tips for attending Commencement, provided by UMaine Police Department, are [online](#). 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 two alumni: United States diplomat Pamela White, the former ambassador to Haiti and The Gambia, an Auburn native now living on Orrs Island, Maine; and Leonard Minsky, community leader and retired president of Superior Paper Products Inc., who lives in Bangor, Maine and Sanibel Island, Florida. White is the Commencement speaker for both ceremonies. The [2016 valedictorian](#) is Nicholas Fried of Millerstown, Pennsylvania, an animal and veterinary sciences major, with a minor in chemistry; Connor Smart of Lincoln, Maine, the salutatorian, is a double major in accounting and finance, and is the Outstanding Graduating Student in the Maine Business School. Both are Honors College students. Also being honored will be four faculty members in anthropology, engineering technology, marine sciences and political science. This year’s [Distinguished Maine Professor](#) is anthropologist Paul “Jim” Roscoe, a world-renowned leader in cultural anthropology who is a professor of anthropology, and a cooperating professor in UMaine’s Climate Change Institute and the School of Policy and International Affairs. Howard M. “Mac” Gray, professor of construction engineering technology, will receive the 2016 Presidential Outstanding Teaching Award; Neal R. Pettigrew, professor of oceanography, will receive the 2016 Presidential Research and Creative Achievement Award; and Amy Fried, professor of political science, will receive the 2016 Presidential Public Service Achievement Award. Contact: Margaret Nagle, 207.581.3745

Students to present service-learning projects May 5

02 May 2016

The University of Maine's Campuses for Environmental Stewardship groups will present student service-learning projects from 12:30–3 p.m. Thursday, May 5 in the Bangor Room, Memorial Union. Students, faculty and community members will be in attendance. Projects conducted this semester focused on issues of importance in the state including: sustainable tourism, mining activities, Penobscot River water rights, and the creation of a national park in northern Maine. The projects are part of a multistate collaborative to support curricular innovation and environmental stewardship. Graduate students in anthropology professor Cynthia Isenhour's course, ANT 555: Natural Resource Management in Cross Cultural Perspective, will speak about how they applied what they learned in class to the analysis of several community-engaged case studies. Students researched and analyzed several natural resource management conflicts in the state, including debates over bear baiting, Penobscot River water rights, the creation of a national park near Katahdin, and the future of waste management. In each case, students engaged with locally relevant issues to understand how factors such as diverse views on nature, economic interests and political power can translate into difficult natural resource management scenarios. Sandra De Urioste-Stone, a professor of nature-based tourism, led the class, SFR 493: Sustainable Tourism Planning. Students in her class worked to develop a regional sustainable tourism plan for the communities of Bethel, Newry, Rumford, Norway and South Paris. Students went on field trips, collected data and talked to experts to generate a vision statement, conduct a SWOT (strengths, weaknesses, opportunities, threats) analysis, develop destination goals and objectives, and create an action plan for the communities. Community partners for the project included Mike Wilson, senior program director of Northern Forest Center; Mia Purcell, program manager of Western Maine Economic Development Council; and Robin Zinchuk, executive director of the Bethel Area Chamber of Commerce. Joining the service-learning presentation day will be students in SFR 479/579: Environmental Attitudes and Behavior. Thirty-two undergraduates and eight graduate students took the course taught by John Daigle, a professor of forest recreation management. The students worked on the research project, "Mining in Maine: Characterization of Public Perceptions and Mineral Reaction Rates under Maine's Environmental Conditions," which is being led by Amanda Olsen, an Earth science professor; Jean MacRae, a civil and environmental engineering professor; and De Urioste-Stone. Students helped develop a survey to best measure Maine residents' perceptions of likely environmental, socio-cultural and economic risks and opportunities that could result from increasing mining activities, as well as how those factors may affect their quality of place and potential behaviors. Survey results will be provided to the Maine Legislature and communities to inform decision making. 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. Projects completed last semester at UMaine focused on the Penobscot River dam removal and restoration, and building sustainable energy communities by providing low-cost window inserts. The collaborative continues through fall 2016. More about the Campuses for Environmental Stewardship program is online.

Undergraduate, graduate students receive awards at Research Symposium

03 May 2016

Undergraduate and graduate students presented their work to audiences and faculty judges during the 2016 Student Research Symposium held at the Cross Insurance Center in Bangor on April 27. The winners and runners-up in each graduate category, as well as the winners of the special awards are: **Winners from the Center for Undergraduate Research (CUGR) showcase section of the symposium**

- **Best Exhibit:** Morgan Cates, management, "Research and Practicum in Arts Management & Marketing: Managing Producer for School of Performing Arts Fundraiser/University Singers European Tour Coordinator," advised by Laura Artesani
- **Oral Presentation:** Jessica Moore and Brittany Seman, biochemistry and microbiology, "Infection Dynamics

- Between a Fungal Pathogen and its Host,” advised by Robert Wheeler, first; James Miller, Magdalena Blaszkiewicz, Caroline Curtis, Raymond Vallejo, Bethany Miles, Brenna Gerchman and Aidan Robichaud, biology and chemistry, “Impact of Dietary Fat Type and Amount on Metabolic Health,” advised by Kristy Townsend, tied for second; Monique Theriault, microbiology, “Immune Recognition of *Candida albicans* in Zebrafish, advised by Robert Wheeler, tied for second
- **Poster Presentation:** Jacob Morris, chemical engineering and chemistry, “New Methods for Enhanced Optical Memory Data Storage,” advised by Howard Patterson, first; Andrew Hart, microbiology, “Isolation of the Enzyme Protein Acyltransferase,” advised by Robert Gundersen, second; Allyson Eslin, political science, psychology and economics, “The Impact of Economic and Psychological Metrics on Political Decision-Making,” advised by Caroline Noblet, tied for third; Ashley Soucy and Jeanne DuShane, biochemistry and microbiology, “Defining the Role of Cellular Ca²⁺ in JCPyV Attachment and Infection,” advised by Melissa Maginnis, tied for third

Winners from the Graduate Student Government’s Grad Expo section of the symposium

- **President’s Research Impact Award:** Melissa Jankowski with adviser Rebecca Schwartz-Mette
- **Provost’s Innovative/Creative Teaching Award:** Mark Congdon
- **Graduate Dean’s Undergraduate Mentoring Award:** Magdalena Blaszkiewicz, first; Hannah Lawrence, second; and Kris Hoffman, third
- **GSBSE Special Awards (Graduate and Undergraduate):** Andrew Hart, best poster; Jessica Moore, best oral
- **Best Art Exhibit:** Alicia Champlin, “I Am Sitting...,” first; Eleanor Kipping, “Fishnets, Lace and Family Photos,” second
- **Best Pecha Kucha Presentation:** Tamanna Ramesh, “Light-based Pasteurization to Ensure Fruit Juice Safety and Quality,” first; Katrina Daigle, second
- **Best Live Reading of Written Work:** Yarissa Ortiz-Vidal, “Becoming a Minority”
- **Allied Health Oral Competition:** Tamanna Ramesh, “Titanium Dioxide Assisted Ultraviolet Treatment for Inactivation of Pathogenic Bacteria in Grape Juice,” first; Heath Myers, second
- **Allied Health Poster Competition:** Ruby Ann D’Salva-Bouton, “Usability Study of an Innovative Mobility Device”
- **Biomedical Sciences Oral Competition:** Lindsey Avery, “The Role of Ift88 and Primary Cilia of Cardiac Progenitor Cells in Formation of the Outflow Tract During Cardiac Development,” first; Erin Carter and Jeanne DuShane, tied for second
- **Biomedical Sciences Poster Competition:** Jacob Longfellow, “The Role of Neutrophil Cytosolic Factor 1 (ncf1) in Innate Immune Response to Influenza Virus Infection in Zebrafish,” first; Juyoung Shim, second
- **Education and Human Development Oral Competition:** Billy Ferm, “Examining Students’ Abilities to Follow and Evaluate Qualitative Reasoning Chains,” first; Ashley Blanchard, second
- **Education and Human Development Poster Competition:** Grace Gonnella, “Understanding How Students Use Contrasting Cases to Learn About Explicit Reasoning,” first; David Kerschner, second
- **Engineering and Information Sciences Oral Competition:** Kenneth Bundy, “Analysis of Air Leak Spectral Signatures for Application to the International Space Station,” first; Chitra Manjanai Pandian, second
- **Engineering and Information Sciences Poster Competition:** Lonnie Labonte, “Wireless Control Networks for Aerospace Vehicles,” first; Lydia Kifner, second
- **Natural Sciences Oral Competition:** Megan Leach, “Pollen and Nectar Nutrition for Foraging Bees,” first; Andrew Galimberti and Janet Gorman, tied for second
- **Natural Sciences Poster Competition:** Courtney King, “The Timing of the Last Glacial Maximum and Subsequent Recession Alongside Hatherton Glacier, Antarctica,” first; Meghan Capps, second
- **Physical Sciences Oral Competition:** Stacy Doore, “A Room with a View: Designing Natural Language Interface Structures for Indoor Scene Description,” first; Christopher Bennett, second
- **Physical Sciences Poster Competition:** Hari Prasath Palani, “Multimodal Access to Graphical Information for Blind and Visually-Impaired People using Touchscreen-based Devices”
- **Social Sciences, Humanities and Business Poster Competition:** Arthur Adoff, “Frontier Strategies for Improving the Ability of Older Adults with Chronic Conditions or Disabilities to Successfully Age in Place,” first; Sara Lowden, second

There were no entrants in the Social Sciences, Humanities and Business Oral Competition.

Advanced computer science students to demo games May 3

03 May 2016

University of Maine students in an advanced computer science course will showcase original games they created Tuesday, May 3. From 3:30–5 p.m. in Neville Hall, Room 120, students in George Markowsky's COS 498: Advanced Video Game Programming with Unity will demonstrate a variety of games, including virtual reality, real-time strategy, network and racing.

Fosters.com advances UMaine Extension's York County garden tour

03 May 2016

[Fosters.com](#) reported tickets will go on sale May 20 for the University of Maine Cooperative Extension "diggin' it" Garden Tour. The self-guided tour will be held 10 a.m.–4 p.m. July 23. It will feature seven distinctive gardens and farms — all owned, managed or created with input by UMaine Master Gardener Volunteers in York County — set along a route extending through Saco, Buxton, Biddeford, Hollis, Dayton and Lyman, according to the article. UMaine Extension Master Gardeners will be on-site to answer questions, the article states. Tickets will be available at Snell Family Farm in Buxton, Andy's Agway in Dayton and online.

Poliquin visits UMaine to announce support of college savings bill, media report

03 May 2016

The Maine Public Broadcasting Network, WABI (Channel 5), [WLBZ](#) (Channel 2) and [WVII](#) (Channel 7) reported U.S. Rep. Bruce Poliquin announced at the University of Maine that he is sponsoring a new bill that will aid college savings. Building on the success of Maine's NextGen college savings program he once guided as state treasurer, the 2nd District Republican told UMaine students that the bill will encourage other states to follow Maine's lead and will provide additional benefits for the NextGen program, according to MPBN. "For him to be able to want to reduce college debt is really important. Any tax reduction [that] helps families pay for college is," Ashley Simon, a UMaine student told WABI. Poliquin said the Help All Americans Save for College Act of 2016 will revise 529s to operate more similarly to 401(k) retirement savings accounts and allow the opportunity for employers to match education costs, MPBN reported.

Bangor Metro publishes feature on Kaye, his role at UMaine Center on Aging

03 May 2016

Bangor Metro magazine published a feature article on Len Kaye, director of the University of Maine Center on Aging and professor in the UMaine School of Social Work. Kaye created his career to focus on the lives of older adults and families, according to the article. "To judge someone by their physical appearance or the amount of gray hair on their head is shameful. I'm working to change the stereotype of what aging looks like in every way I can," said Kaye, who has served as director of UMaine's Center on Aging since it was established in 2002. The mission of the center is to promote and facilitate aging-focused activities in the areas of education, research and evaluation, and community service, the article states. "Fortunately, the state of Maine and the University of Maine recognize the value and opportunity in devoting time and resources to addressing the challenges and opportunities that come with an ever-growing aging population. As the oldest state in the nation, Maine is in a great position to focus on the needs of this demographic and set an example for the rest of the nation as we invest in what is called the longevity economy — the third largest business growth sector on Earth," Kaye said.

Incoming class up 22 percent from last year, media report

03 May 2016

The [Portland Press Herald](#) and Associated Press and [The Boston Globe](#) reported the number of new students who have been confirmed for admission at the University of Maine in September is up by 22 percent over last year. UMaine figures show that 2,447 students had paid the deposit fee of \$150 by the May 1 deadline, up from 2,012 at this time last year. The biggest jump came among out-of-state students, with 1,123 confirmed for admission compared with 731 last year — a 54 percent increase, according to the Press Herald. “I am very pleased with the number of confirmed students. Being up 22 percent at a flagship university is unheard of and may very well be the largest increase in the nation,” Joel Wincowski, UMaine’s interim vice president for enrollment management, told the Press Herald. “I do not believe anyone expected double-digit growth, especially with the demographic decline in Maine and the rest of New England in high school graduating seniors.” Wincowski said one of the reasons for the increase in out-of-state applications is the university’s new Flagship Match financial aid program, which allows students from other Northeast states to pay the same tuition they would pay at their home state’s flagship campus. “We’re thrilled that the Flagship Match program was so well received, and that we’ll be opening our doors to many new out-of-state students this fall,” Jeffrey Hecker, UMaine’s executive vice president for academic affairs and provost told The Boston Globe. “Students and their families recognized that UMaine is offering a world-class education at a fair price, and we’re excited to welcome them to campus this fall.” The [Maine Public Broadcasting Network](#), [The Republic](#), [The Washington Times](#), [Sun Journal](#) and [WABI](#) (Channel 5) carried the AP report.

Mechanical engineering technology students to present capstones May 4

03 May 2016

About 50 University of Maine students in the Mechanical Engineering Technology (MET) Program will present their capstone design projects on Maine Day. From 8 a.m.–3 p.m. Wednesday, May 4, students in a senior design course taught by MET professors Brett Ellis and Keith Berube will showcase their final projects in the Machine Tool Lab, Room 106 and the Advanced Structures and Composites Center, Room 254. Presentations scheduled for the Machine Tool Lab:

- 8–8:30 a.m. “Wave Tank to Flume Conversion,” upgrading and modifying an existing wave tank to include a removable water flume for the MOOR Group.
- 8:30–9 a.m. “Semi-automated Hand Mill,” designing and fabricating a device that will hold a hand-held grinding tool that is used during the process of refurbishing steam turbine diaphragms.
- 11 a.m.–noon “Logging Truck Tie-Down Improvements,” two groups working to help truck drivers in the logging industry reduce injuries suffered while securing loads.
- 1–2 p.m. “Off-Road Wheelchair,” two groups working with a family to design and build a fully electric motorized off-road wheelchair for a person who suffered a brain injury.
- 2–2:30 p.m. “Quick-Disconnect and Restraint Systems,” designing and manufacturing safety equipment for the Virtual Environment and Multimodal Interaction (VEMI) Lab’s existing five-axis motion table and a quick-connection coupling device, which can be employed to quickly attach and detach devices such as a kayak seat or skis to offer a tangible real-life experience.
- 2:30–3 p.m. “Virtual Terrain Simulator,” designing and manufacturing a simulator to provide haptic feedback, or sensory perception via touch, for VEMI’s virtual reality system.

Presentations scheduled for the Advanced Structures and Composites Center:

- 9–10 a.m. “Thermoplastic Fabrication of Scaled Wind Turbines,” two groups designing and fabricating 1/50th scale wind turbine blades for horizontal and vertical axis wind turbines, which will be used for scale modeling of wind turbine systems in the UMaine Composites Center’s new wind-wave test basin.
- 10–11 a.m. “Knitting Technology for Composite Arch Bridge Systems,” two groups investigating knitting technologies as a viable way to improve the center’s existing Composite Arch Bridge Systems.

All presentations are open to the public. More information on the projects is available [online](#) or by contacting Ellis at 581.2134, brett.d.ellis@umit.maine.edu; or Berube at 581.2342, keith.berube@umit.maine.edu.

Kepware unveils undergraduate laboratory at the University of Maine

03 May 2016

The University of Maine and Kepware Technologies, a software development company based in Portland, Maine, unveiled the Kepware Digital Systems and Robotics Laboratory in Barrows Hall for hands-on classes in the Department of Electrical and Computer Engineering (ECE) on May 3. The Kepware Digital Systems and Robotics Laboratory Fund is held at the University of Maine Foundation. This investment from Kepware will engage students early in their engineering education and help to cultivate tomorrow's innovators. "Kepware has been a true collaborator in preparing our electrical and computer engineering students for terrific careers in the computer automation industry. Kepware is a software development company focused on communications solutions for industrial control systems," said Don Hummels, ECE department chair for the University of Maine. "We're proud that Kepware Platform President Tony Paine is a graduate of our Electrical and Computer Engineering Department, Class of 1996, and serves on the College of Engineering's Advisory Board." The Kepware Digital Systems and Robotics Laboratory provides hardware and software development tools that enable electrical and computer engineering students to actively design and interface to real-world devices. In this lab, students gain hands-on experience completing coursework assignments and senior capstone design project. "This laboratory demonstrates Kepware's commitment to educating the next generation of electrical engineers and to the state of Maine," said Dana Humphrey, UMaine Dean of Engineering. "In this lab, students will put automaton design into practice — the heart of an electrical engineer's education. The University of Maine is very grateful for this partnership with Kepware." "UMaine's College of Engineering continues to excel at preparing students for their engineering careers," said Tony Paine, Kepware Platform President. "As a company that has benefited from recruiting some of its best employees from this talent pool, Kepware continues to invest and give back to this program. The Kepware Lab endowment represents our commitment to the university and to the students who deserve access to state-of-the-art working environments." "At Kepware, we believe that a vibrant, transparent and functional work space inspires forward-thinking, curious, creative and engaged employees," said Brett Austin, Kepware Senior Vice President. "The new lab at Barrows Hall is a reflection of the beautiful work space and culture Kepware has built in Portland. We're honored that UMaine has allowed us to share this vision with its students — and grateful to have an innovative university in Maine that recognizes the impact of design on student's ability to learn and collaborate with one another." UMaine and Kepware will celebrate the endowment and dedicate the new Kepware Digital Systems and Robotics Laboratory at a ribbon-cutting event on May 3 in Barrows Hall Room 225 beginning at 3 p.m. Call 207.581.2204 for more details about the event. Contact: Victoria Wingo, 207.581.2204

UMaine grows incoming class for fall 2016 with innovative programs focused on affordability

04 May 2016

The number of confirmed students for fall 2016 at the University of Maine is up 22 percent compared to this time last year, bringing the incoming class to 2,447 as of May 2. The double-digit growth reflects a 3 percent increase in in-state students and a 52 percent increase in out-of-state students over last year, and is due to UMaine's innovative scholarship initiatives focused on affordability, strategic investments in signature strengths and aggressive marketing. UMaine received a record number of applicants for fall 2016 — more than 14,000 for the incoming class. As a result, for the first time in recent history, we instituted our first UMaine-wide waitlist. The Flagship Match program offers academically qualified students from six states — Vermont, New Hampshire, New Jersey, Connecticut, Massachusetts and Pennsylvania — the same option to pay what they would pay at their state's flagship university. In addition, academically qualified students from other states receive significant, competitive merit scholarships to offset the cost of nonresident tuition and fees at UMaine. The incoming class includes an increased number of out-of-state students from six states over last year, led by Massachusetts with an 81 percent increase, followed by New Hampshire, New Jersey, Pennsylvania, Connecticut and Vermont. "These new scholarship programs reaffirm UMaine's commitment to making higher education affordable for Maine students, and bringing the best and the brightest into the state — future community leaders and members of tomorrow's workforce," said UMaine President Susan J. Hunter. Diversity and academic excellence are key components to the success of The University of Maine's student body, and we strive to offer an affordable solution for our applicants, said UMaine Provost Jeffrey Hecker. Attracting out-of-state students is critical to meet those goals and enrich the university experience for all UMaine students. "We're thrilled that the Flagship Match program was so well received and, as a result, we'll be opening our doors to many new out-of-state students this fall," said Hecker. "Students and their families recognized that UMaine is offering a world-class education at a fair price, and we're excited to welcome them to campus. Contact: Jennifer O'Leary, 207.515.3341

Iranian Cultural Expo to focus on history of Persian poetry, music and medicine

04 May 2016

Members of the University of Maine community and general public are invited to attend the Iranian Cultural Expo on May 5. From 5:30–7 p.m. in Hill Auditorium, Barrows Hall, guests will have the opportunity to learn about the history of Persian poetry, music and medicine. A discussion featuring three panelists from UMaine and Eastern Maine Medical Center will lead the event, followed by a reception featuring Persian sweets and hot drinks. Panelists include Mehdi Tajvidi, an assistant professor of renewable nanomaterials at UMaine; Dr. Ali Khavari, a retired board certified surgeon and urology specialist from EMMC with an affiliation to St. Joseph Hospital; and Dr. Fariba Dayhim, a board-certified bariatric surgeon and bariatrician, and certified nutrition specialist at EMMC. The event is sponsored by the University of Maine Humanities Center, Cultural Affairs and Distinguished Lecture Series and Iranian Social Hub (ISH). Admission is free, but [registration](#) is required. More information is on the ISH website.

Students to present work at New Media Night May 5

04 May 2016

University of Maine students in the New Media Program will showcase their work during the annual New Media Night on Thursday, May 5 at the Innovative Media Research and Commercialization (IMRC) Center. This year's event, titled "Go Mobile," aims to celebrate a society that is increasingly in motion by showcasing new technologies to help it stay connected on the go. The proliferation of smartphones and tablets have replaced desktops as the world's default computing platform, while GPS, fitness trackers and drones are pushing athletes, tourists and filmmakers to explore new horizons. From 5–7 p.m., the public is invited to view inventive applications created by new media seniors for runners, cyclists and skiers. Also on view will be interactive films shot by drones, sites that help travelers find out-of-the-way destinations or hypoallergenic restaurants, and dance music composed with artificial intelligence. More information is available online or by contacting Velma Figgins at 581.4390 or on First Class.

UMaine Extension bulletin on bedbugs cited in Kennebec Journal article

04 May 2016

A University of Maine Cooperative Extension [bulletin](#) written by Jim Dill, a pest management specialist, and Clay Kirby, an insect diagnostician, was cited in a [Kennebec Journal](#) article about a reported bedbug infestation in Augusta boarding houses. According to the bulletin, bedbugs are making a comeback in the United States. The pests are brown, flat and about one-quarter-inch long with a soft, rounded look, but become dark red and larger after consuming blood. The bugs feed on human blood but are not believed to carry disease, according to the article.

WABI covers International Trade Show

04 May 2016

WABI (Channel 5) reported on the second annual International Trade Show held at the New Balance Student Recreation Center. During the event, more than 100 student "economic development officers" from Clint Relyea's Introduction to International Business course discussed the exports, history, education and health care systems of more than 30 countries. To prepare, students corresponded with consulates and embassies to learn about U.S. businesses in the global economy. The project also provided an opportunity for students to improve their cultural competence, according to the report. "It's very important to respect every culture," said UMaine business student Tyler Stemm. "You have to know the customs and show some respect. If you go there and you don't follow their customs they're not going to respect you and they're not going to do business with you."

Press Herald reports on Flagship Match, jump in enrollment

04 May 2016

The [Portland Press Herald](#) published the article, “Novel program draws out-of-state students, fuels jump in UMaine admissions,” a day after the paper and other [media reported](#) enrollment at the University of Maine in September is up by 22 percent over last year. “We’re ecstatic with these numbers,” said Joel Wincowski, interim vice president for enrollment management at UMaine. “The numbers are unbelievable, off the charts.” UMaine’s Flagship Match program has been so successful at boosting enrollment by bringing in out-of-state students that the university is considering expanding the program beyond six northeastern states, according to the article. Currently, students graduating high school with a “B” average or higher in Massachusetts, New Hampshire, New Jersey, Pennsylvania, Vermont and Connecticut can attend UMaine for the cost of in-state tuition at the flagship school in their home state, the Press Herald reported. Wincowski said the university likely will decide within the next few weeks whether to expand the program to students in California and Illinois in its second year. Jeffrey Hecker, UMaine’s executive vice president for academic affairs and provost, said the university plans on hiring six new full-time professors, and perhaps more, to serve the additional students. [The Chronicle of Higher Education](#), [Maine Public Broadcasting Network](#) and [WLBZ](#) (Channel 2) also reported on the jump in enrollment.

UMaine Career Center employees, salutatorian featured in WABI report on job market

04 May 2016

Employees of the University of Maine Career Center, as well as the UMaine Class of 2016 salutatorian were featured in a two-part WABI (Channel 5) report on Maine’s job market. “Most people think, ‘Well there are no jobs in Maine and everybody needs to leave the state,’ and that is really not what our data is indicating, and that is for in-state and out-of-state students combined,” said Crisanne Blackie, director of the Career Center. “So I think the in-state students is probably like 60–65 percent stay in Maine and out-of-state students is probably 25 or 30 percent of those students stay in Maine.” This year’s salutatorian, Connor Smart of Lincoln, is about to graduate with a 4.0 grade point average and a degree in business administration with a focus on accounting and finance, according to the report. He has already found a job at a firm in Portland, which he applied to through the Career Center. “I hope it’s an upward trend that continues and we can help the students be successful ultimately and then help the employers find the talent that they are looking for,” said Kate Axelsen Foster, the assistant director for employer relations at the Career Center. In Part 2 of the report, Blackie spoke about how the center helps students find and land jobs and the tools they use, including Career Link, an online job listing service.

UMaine College of Education and Human Development to celebrate Cole family contributions to Reading Recovery

05 May 2016

The University of Maine College of Education and Human Development will hold two events to recognize its longstanding partnership with the Galen Cole Family Foundation through the Reading Recovery program in schools throughout Maine. May 6, the college will host its annual Reading Recovery Cole Celebration at the Cole Land Transportation Museum in Bangor. May 12, educators from around the state will gather at UMaine’s Hutchinson Center in Belfast for the inaugural Suzanne W. Cole Reading Recovery and Early Literacy Institute. Reading Recovery is an early literacy intervention for first-grade students who experience difficulty with reading and writing. Trained teachers work with students one-on-one for 30 minutes per school day for 12 to 20 weeks to help them attain grade-level proficiency. For more than 20 years, the Cole Foundation has provided grants to Maine schools to allow teachers to receive training and professional development through the college’s University Training Center for Reading Recovery. Center director Mary Rosser says nearly 200 trained Reading Recovery teachers provide early intervention to 5,000 first-graders in Maine. “The Cole family has provided personal and professional support to the Reading Recovery community in Maine from the very beginning, when they helped establish a Reading Recovery program at the Enfield School,” Rosser says. “They have a deep understanding of the importance of early intervention for children who struggle to read and write.” The celebration at the Cole Museum is an annual event that recognizes the generous support of the Cole family to the teachers and students who participate in Reading Recovery in Maine. About 100 people are expected to attend this year’s gathering. The Suzanne W. Cole Reading Recovery and Early Literacy Institute will bring together more than 150 Maine educators for a day of sharing knowledge and best practices. Rosser will deliver the

keynote address and Reading Recovery teacher leaders from across the state will lead small group discussions and breakout sessions. "It's important to build on the expertise and share the knowledge we have built over the years," Rosser says. "We're naming the conference after Suzanne Cole as a way to publicly acknowledge the influence and impact that she's had on Reading Recovery and literacy education in the state." Individual sessions include, "Design for Reading Recovery and Literacy Lessons Within a Comprehensive System" and "Exploring Oral Language Development and its Relationship to Reading Recovery." Contact: Casey Kelly, 207.581.3751, casey.kelly@maine.edu

Suicide prevention work the focus of 2016 President's Research Impact Award

05 May 2016

Melissa Jankowski was approaching the parking garage stairwell when she encountered a young man. He spun around and locked eyes with her. Frightened, she hurried to class. But there was something about his distant look that made her determined to search for him and ask if he was all right. When she returned to the parking garage, he was gone. Days later, Jankowski heard the news: A 22-year-old student jumped to his death from the facility. She knew then that she wanted to pursue research on suicide prevention. "I looked at him and instantly knew something wasn't right," Jankowski says of the encounter 6 years ago. "What did I see? Could others see it? Could someone have saved him?" Jankowski, now a first-year student in the University of Maine Clinical Psychology Doctoral Program, is conducting research with Assistant Professor Rebecca Schwartz-Mette that examines how suicide risk may manifest during at-risk individuals' interactions with strangers. While existing research explains risk in the context of established relationships, no known studies apply theories of suicide to interactions with strangers. Understanding how suicide risk can appear in everyday interactions could improve the ability to identify those who need support the most, according to the researchers. Jankowski received UMaine's 2016 Presidential Research Impact Award for her work that has particular significance in Maine, where the suicide rate is 20 percent higher than the national average, with one suicide every two days. In rural states, access to mental health care can be challenging, and many individuals go unnoticed until it is too late, says Jankowski, who is from Cassville, Missouri. She hopes her work will inform clinical practitioners and community members.

Green Campus Initiative, Emera Astronomy Center debut new websites

05 May 2016

The [Green Campus Initiative](#) and [Emera Astronomy Center](#) are among the latest programs to upgrade to the university's new website template. The [University of Maine Student Government](#), [Office of Assessment](#), [Bureau of Labor Education](#), [Graduate Student Government](#), [UMaine Mandela Washington Fellowship](#), [Office of Budget and Business Services](#) and [Campus Planning](#) also recently upgraded. The new umaine.edu and related pages debuted in summer 2015. For more information on the UMaine website conversion, contact Mike Kirby at mike.kirby@maine.edu or 581.3744.

Thomas Hill Standpipe light, projection show rescheduled

05 May 2016

Due to predicted rain, "FLOW: An evening of water themed light & projection" at the Thomas Hill Standpipe in Bangor originally slated for May 4 has been rescheduled for May 11. The multimedia event — a partnership among the Coaction Lab at the University of Maine, Intermedia MFA program at UMaine, and Bangor Water District — will take place during the annual spring tour of the standpipe. Faculty and students in the Intermedia MFA and New Media programs will project onto the structure light, images and videos inspired by the building's history and function. Tours will begin at 5:30 p.m. with the projections beginning at dusk. More information is available [online](#) or by contacting Gene Felice II at gene.felice@maine.edu, 614.506.6811.

Standpipe light, projection show postponed, WABI reports

05 May 2016

WABI (Channel 5) reported that due to predicted rain, "FLOW: An evening of water themed light & projection" at the

Thomas Hill Standpipe in Bangor originally slated for May 4 has been rescheduled for May 11. The multimedia event — a partnership among the Coaction Lab at the University of Maine, Intermedia MFA program at UMaine, and Bangor Water District — will take place during the annual spring tour of the standpipe. Faculty and students in the Intermedia MFA and New Media programs will project onto the structure light, images and videos inspired by the building's history and function. Tours will begin at 5:30 p.m. with the projections beginning at dusk.

AP quotes Brewer in report about LePage's legal victory, new dog

05 May 2016

Mark Brewer, a political science professor at the University of Maine, spoke with The Associated Press for the article, "The governor's good day: A new dog and a legal victory." After multiple recent criticisms, Gov. Paul LePage had some good news when a federal judge tossed a lawsuit accusing him of abuse of power, and his family adopted a new dog they named Veto, according to the article. Brewer said the ups and downs shouldn't come as a surprise for an unconventional politician who shoots for the moon when it comes to policy initiatives and likes to brag that he's not politically correct, the article states. "When you get one of those people, their highs are going to be higher and their lows are going to be lower, and there's going to be more distance in between those," Brewer said. [Fosters.com](#) and [theeagle.com](#) carried the AP report.

Winthrop company finalist in NFL's Head Health Challenge, MPBN reports

05 May 2016

The Maine Public Broadcasting Network reported Winthrop-based company Alba-Technic has advanced to the second round of competition to develop new shock absorbing materials to save lives. The company is one of five winners out of more than 100 applicants of the Head Health Challenge, a collaboration of the NFL and other entities to try and improve helmet and body shield technology to prevent injury, according to the report. A developer with Alba-Technic said the company will work with University of Maine researchers to undergo a year of intensive testing and redesigning of the material in the second phase of the competition. UMaine researchers test the company's material in the Advanced Biomechanics Lab for Injury Reduction and Rehabilitation in UMaine's Advanced Manufacturing Center.

Dill speaks with WABI about low risk of Zika virus in Maine

05 May 2016

WABI (Channel 5) interviewed Griffin Dill, an integrated pest management professional with the University of Maine Cooperative Extension, about the risk of Zika virus in Maine. Dill said it's unlikely anyone will contract the virus in Maine this summer, adding the mosquito species known to carry the disease isn't found here, and mosquito surveillance efforts in the state have yet to turn up any sign of the virus. He advises that Mainers should be more concerned with protecting themselves from other mosquito-borne illnesses, such as West Nile virus and eastern equine encephalitis (EEE or triple E). He suggests property owners eliminate standing water. "If you have tires kicking around, flower pots, bird baths, anything like that with just a little amount of standing water, they can breed. So that is the issue," he said.

Media cover St. Baldrick's head-shaving fundraiser for cancer research

05 May 2016

The [Bangor Daily News](#), [WLBZ](#) (Channel 2), WABI (Channel 5) and [WVII](#) (Channel 7) reported on the St. Baldrick's head-shaving event hosted by the UMaine Circle K club. The group has held the event for the last six years on Maine Day to raise awareness and funds for pediatric cancer research through the St. Baldrick's Foundation, according to the BDN. This year, nearly \$15,000 was raised at the event where 60 local students and residents shaved their heads, the article states. "It feels amazing to be bald," UMaine student Amy Fortier-Brown told WABI. "I think everybody should try being bald, especially for a cause like this."

Mainebiz reports on new lab unveiled by UMaine, Kepware Technologies

05 May 2016

[Mainebiz](#) reported the University of Maine and Portland-based Kepware Technologies unveiled the Kepware Digital Systems and Robotics Laboratory in Barrows Hall on Tuesday during a ribbon-cutting ceremony. The new lab will offer hands-on classes through the university's Department of Electrical and Computer Engineering by providing students with hardware and software development tools to design and interact with real-world devices, according to the article. "This laboratory demonstrates Kepware's commitment to educating the next generation of electrical engineers and to the state of Maine," said Dana Humphrey, UMaine's dean of engineering. "In this lab, students will put automaton design into practice — the heart of an electrical engineer's education. The University of Maine is very grateful for this partnership with Kepware."

NPR's 'Marketplace' interviews Kaye for report on unclaimed aid for seniors

05 May 2016

Len Kaye, director of the University of Maine Center on Aging and professor in the UMaine School of Social Work, spoke with National Public Radio's "[Marketplace](#)" for the report, "Billions in aid for low-income seniors go unclaimed." The number of seniors living in poverty has increased during the last few years, and today more than 4.5 million people live on less than \$12,000 a year, according to the report. Meanwhile, a lot of benefits seniors could tap to help pay for health care and housing aren't being used, the report states, partly because many seniors don't realize how much they're eligible to receive. Kaye said older people in rural areas may forgo benefits for other reasons, too. "What you find are folks who are extremely proud; they have a stiff upper lip mentality, which results in them resisting asking for help," he said. "They take pride in their ability to manage on their own."

WABI, WVII report on Maine Day events

05 May 2016

WABI (Channel 5) and [WVII](#) (Channel 7) reported on Maine Day, the University of Maine's annual campuswide spring cleanup tradition. UMaine community members took part in a "Star Wars" theme parade, completed service projects aimed at sprucing up the campus, enjoyed a free barbecue, competed for the oozeball — mud volleyball — championship, and participated in student organization philanthropy events. "We want students to understand they're not just about themselves — obviously as college-educated people they've got to be thinking about the other person, taking care of other people, using their privilege to care for the world. And they do it very beautifully," Robert Dana, UMaine's vice president for student life and dean of students, told WABI. More than 40 projects included raking, planting flowers, picking up litter and painting at various locations on campus, the bike paths and downtown Orono. UMaine students also invited teenagers from Dexter Regional High School to take part, WABI reported. "It kind of shows that we can work together and do things," UMaine junior Hallie Marshall said. "It shows them a little bit of what they could be doing when they come to the college level, and there doesn't have to be a disconnect between high school and college students."

Waller explores spectacular coral colonies in Glacier Bay

05 May 2016

Rhian Waller received an incredible gift to celebrate the National Park System's 100th anniversary in 2016. The University of Maine associate professor led the first-ever extensive expedition of the underwater fjords in Glacier Bay National Park and Preserve in Alaska. "Glacier Bay National Park is such an amazing area, it's very hard to put it into words. Pictures are really the best way to describe the park. [It's] really one of the treasures of the National Park System," she says of the protected 3.3 million acres north of Juneau, Alaska that contain majestic mountains, glaciers, rainforests, coastlines and deep fjords. Fewer than 300 years ago, a glacier thousands of feet thick covered the area. And when the massive ice sheet receded, it created the deep fjord system. Today, visitors to GBNP see low-lying forests, bears, breaching humpback whales, puffins, sea lions and otters. And thanks to photographs and videos taken by Waller

and colleagues, park guests also will be able to learn about the life that thrives well below the water surface. Prior to this two-week March expedition, Waller says very little was known about underwater ecosystems in the park and preserve. The goal, she says, was to explore, map and survey underwater habitats and ecosystems. The exploration was revealing; Waller says the team located what could be two species of corals that have never been found in this area before. In addition to the lush, enormous extensive coral colonies — some measuring more than 15 feet — Waller says the team documented healthy, diverse marine life teeming around the colonies — including many species of fish, sea stars, crabs and worms. Because GBNP is a dynamic environment created by a receding glacier, Waller told the National Oceanic and Atmospheric Administration that she and her colleagues got a rare glimpse of ecological succession in action, including “virtually watching the corals claim territory as the glaciers retreat back into the bay.” Waller, who has taken part in dives all over the world, says the corals in Glacier Bay National Park are some of the most spectacular she’s ever seen — lush, healthy communities, corals larger than cars, teeming with life. “We knew that there would be corals in some of these areas within the park, but we didn’t know just how amazingly healthy and just how extensive these coral communities would be,” she says. In March, Waller and the team traveled aboard R/V *Norseman II* to Glacier Bay. During days, teams of two scuba divers took turns exploring the fjords to a depth of about 100 feet. And for 11 hours each night, scientists guided the remotely operated underwater (ROV) vehicle *Kraken2* about 1,000 feet down to the bottom of the fjords to document and collect organisms. Waller now will analyze samples gleaned from the collaborative project with NOAA, the U.S. National Park Service, U.S. Geological Survey, University of Connecticut and Rutgers University. Research papers will follow. So too will proposals to monitor the protected and dynamic environment, says Waller, who is based at the Darling Marine Center in Walpole. It would be fascinating and informative, she says, to observe how corals grow and colonize in the fjord and document how the underwater ecosystem changes when the glacier becomes a hung glacier — no longer touches the fjord surface. Contact: Beth Staples, 207.581.3777

Franco-American Centre to offer genealogy workshop

06 May 2016

The Franco-American Centre at the University of Maine will host a genealogy workshop May 7. “Finding Your Quebec & Acadian Ancestors” will be held 10 a.m.–noon at Crossland Hall. Participants will learn how to research their Quebec and Acadian roots and tell their family’s unique story with guidance from professional genealogist Bob Chenard. Chenard is a retired federal employee who has more than 45 years experience with Franco genealogy and has written many articles and books on the subject. The UMaine alumnus also has served as a director and officer in two Maine genealogy societies. He received the Maine Genealogical Society’s Award for Excellence in Genealogical Service in 2008. The workshop is free and open to the public. An outline of the program is online. To register or for more information, contact Lisa Michaud at lisa.michaud@umit.maine.edu or 581.3789.

Sculpture studio to host open house

06 May 2016

The University of Maine’s sculpture studio will host its annual Open Studio Night 3–6 p.m. Friday, May 6. Members of the public are invited to view work from this semester’s sculpture students, as well as work by visiting artist Andreas von Huene. The sculpture studio is located in the parking lot across from the Collins Center for the Arts. Refreshments will be provided at the free event.

National Park Service director to hold public meeting at UMaine, media report

06 May 2016

The Associated Press, [Maine Public Broadcasting Network](#), [Bangor Daily News](#), [Portland Press Herald](#), [WVII](#) (Channel 7), [WABI](#) (Channel 5) and [The Free Press](#) reported the director of the National Park Service will come to Maine later this month to gauge support for possible presidential designation of privately owned land in the Katahdin region as a national monument. Jonathan Jarvis will hold meetings with elected officials from Millinocket and surrounding towns on May 16, as well as hear from members of the public at the University of Maine 5 p.m. that evening, according to the

reports. Jarvis is coming at the request of Sen. Angus King, who will moderate both meetings, the reports state. [WLBZ](#) (Channel 2) and [The Washington Times](#) carried the AP report.

Fuller speaks with BDN about importance of sustainability for fiddleheads

06 May 2016

David Fuller, an agriculture and nontimber forest products professional and fiddlehead expert with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for an article about northern Maine entrepreneurs who are in the fiddlehead business. Fuller, who has spent years studying fiddleheads, spoke about the importance of sustainability when harvesting a wild plant. Savvy pickers know where the best spots are, he said, and return every year, which can be a problem. Between 2005 and 2008, Fuller compared harvesting methods among three fiddlehead plots. In the plots where no or half the fiddleheads were harvested, Fuller said the same number of plants came up the following season. “But where I picked everything, after three years, 90 percent of those plants were dead,” he said. “If we have people going back to the same spots every year and taking everything, over time there will be less and less fiddleheads.”

Wall Street Journal quotes Steneck in article on proposed American lobster ban

06 May 2016

Robert Steneck, a marine biologist at the University of Maine’s School of Marine Sciences, was quoted in the [Wall Street Journal](#) article, “Marauding American lobsters find themselves in hot water.” Scientists say the male American lobster’s unusually large crusher claw is at the center of a push by Sweden to ban imports of the species to all European Union countries, according to the article. Sweden says the American species could spawn a new generation of hybrids and eventually crowd out European lobsters, the article states. Steneck agrees that the American crusher claw does “get inflated in the males as they get bigger, and that does not happen in the European,” but he doubts claw size is that important. If big claws were so pivotal to mating, then evolution would have bestowed them on the European variety of lobster, too, he said.

BDN publishes feature on Hill

06 May 2016

The [Bangor Daily News](#) interviewed Richard “Dick” Hill, a University of Maine professor emeritus of mechanical engineering, for a feature article about his accomplishments and legacy. The 97-year-old has been the “voice of energy alternatives for two generations of Mainers” by not only teaching at UMaine, but also working as an energy consultant to industry and government, a clean-wood technology innovator and longtime radio commentator, according to the article. While at UMaine, Hill created and developed the Department of Industrial Cooperation, which provides fee-for-service technical help, research support, project management and other resources to private sector businesses and organizations, the article states. Jake Ward, UMaine’s vice president of innovation and economic development, came to work for Hill in 1991 and assumed leadership of the industrial cooperation program when Hill retired. “It was Dick’s firm belief that the university had public assets — abilities, expertise, equipment — that should be used to support private industry,” Ward said. “He saw this as a kind of public service, like the Cooperative Extension for Maine companies.”

WLBZ reports on sensor technology research to help older adults stay at home

06 May 2016

[WLBZ](#) (Channel 2) reported on research being conducted at the University of Maine that aims to help older adults stay in their homes longer. Students and professors are studying the use of sensors as a noninvasive way to track movement and monitor falls in the home. The sensors also are being used to study brain and sleep patterns to aid the detection of Alzheimer’s disease and dementia, according to the report. “The aging phenomenon is staring us straight in the face, and it’s time that we respond,” said Len Kaye, director of the University of Maine Center on Aging and professor in the UMaine School of Social Work. Rick Corey, director of operations at UMaine’s Virtual Environment and Multimodal

Interaction (VEMI) Laboratory, gave a tour of the lab's "apartment" that is used for the research, and Marie Hayes, a UMaine psychology professor, spoke about the sleep research she is leading, as well as the importance of working with other departments on campus.

Fogler Library workshop to examine online scholarly impact

09 May 2016

In the academic world of "publish or perish," researchers constantly are asked to create scholarly materials. But, how do we measure these deliverables in an increasingly digital landscape? Does scholarly impact reach beyond the citation alone? University of Maine librarians Marisa Méndez-Brady and Jen Bonnet will examine these questions and discuss how research is perceived online at the May 10 workshop, "Altmetrics: Scholarly Impact on the Social Web." The workshop will be held from 10–11 a.m. in the Library Classroom at Fogler. To RSVP, email Bonnet at jenbonnet@maine.edu. Space is limited.

Farm and Dairy cites UMaine Extension advice on attracting native bees to gardens

09 May 2016

Advice from the University of Maine Cooperative Extension was included in a [Farm and Dairy](#) article on how to attract native bees to your yard and garden. The article included a list of plant types — recommended by UMaine Extension and other institutions — that can attract bees by providing nectar. UMaine Extension also suggests providing bees a source of water, such as a birdbath, according to the article.

UMaine swim teams participate in run to honor former member, BDN reports

09 May 2016

The [Bangor Daily News](#) reported about 50 members of the University of Maine swim teams took part in the fourth annual Erin's Run, A Race to End Domestic Violence. The 5K was created in honor of former UMaine student and swimmer Erin Woolley who passed away from cancer in 2010. Woolley worked for a year at Spruce Run, a domestic violence prevention center in Bangor, according to the article. Race proceeds go to Spruce Run and the The Erin M. Woolley Scholarship Fund, which annually supports an underclassman member of UMaine's swimming and diving teams that best embodies Woolley's dedication and spirit. About \$40,000 has been raised by the event since it began, the article states.

Sturm speaks about Mercury's move across sun on WVII

09 May 2016

David Sturm, an instructional laboratory and lecture demonstration specialist at the University of Maine, visited the studio of [WVII](#) (Channel 7) for an installment of "Science with Sturm." Sturm spoke about the rare opportunity to see Mercury pass the sun on May 9. He suggested viewing the planet through a telescope at the Emera Astronomy Center.

MPBN interviews Moran about failed Maine peach crop

09 May 2016

Renae Moran, a tree fruit specialist with the University of Maine Cooperative Extension, was interviewed by the [Maine Public Broadcasting Network](#) for the report, "Maine peach crop fails to survive winter." About 90 percent or more of the Northeastern peach crop from Rhode Island and Connecticut to New Hampshire and Maine didn't survive the cold months, according to the report. Moran said the long-lingering fall and milder-than-usual December temperatures "caused the peaches not to acquire any winter hardiness, so they got zapped when the temperatures dropped in January." Moran said some growers in Maine are reporting a complete crop loss of peaches, while other tree fruits, such as plums, fared slightly better.

WABI covers Reading Recovery event at Cole Land Transportation Museum

09 May 2016

[WABI](#) (Channel 5) reported on an event hosted by the University of Maine College of Education and Human Development to recognize its longstanding partnership with the Galen Cole Family Foundation through the Reading Recovery program in schools throughout Maine. Reading Recovery is an early literacy intervention for first-grade students who experience difficulty with reading and writing. Trained teachers work with students one-on-one to help them attain grade-level proficiency. For more than 20 years, the Cole Foundation has provided grants to Maine schools to allow teachers to receive training and professional development through the college's University Training Center for Reading Recovery. In celebration of the program, students read a short story to Suzanne Cole at the Cole Land Transportation Museum in Bangor, according to the report. "Children may come from being way behind the average in literacy learning, to being able to work with the average achievers in their class in a very small amount of time," said Mary Rosser, director of the training center at UMaine. By the end of the year, it is expected the Cole family will have contributed \$1 million to the program, the report states.

Inside Higher Ed, BDN publish reports on how UMaine increased enrollment

09 May 2016

[Inside Higher Ed](#), [Bangor Daily News](#) and [Education Dive](#) published articles on the University of Maine's jump in enrollment and how the university attracted more out-of-state students. As of last week, 2,447 students planned to join UMaine's Class of 2020 and had paid the \$150 deposit to secure a spot — a 22 percent increase over last year, according to the BDN. One of the reasons for the increase is the creation of UMaine's Flagship Match program, which targets students from other New England states, offering the chance to come to UMaine while paying the same tuition and fees they would have paid to attend their home state's flagship campus, the BDN reported. The program has paid off with a 54 percent increase in out-of-state first-year commitments for the fall, according to Inside Higher Ed. "We certainly have not been spending more per out-of-state student," Jeffrey Hecker, UMaine's executive vice president for academic affairs and provost, told Inside Higher Ed. "We've been pretty targeted. I think we've got a certain kind of student who's coming here, and the financial aid we're able to offer and their backgrounds make this affordable." The [Portland Press Herald](#) published an editorial on the topic titled, "Tuition relief for out-of-state students could pay off for Maine economy."

UMaine dairy cow sets state record for butterfat production

09 May 2016



Holstein Association USA, the world's largest

dairy cattle breed organization, has verified the recent production record of UM Eden Padme as a new Maine state record for butterfat production in her age group. Padme is a member of the dairy herd at the University of Maine's J.F. Witter Teaching and Research Center in Orono. At 2 years and 8 months of age, Padme produced 34,280 pounds of milk, with 1,649 pounds of butterfat and 973 pounds of protein in a 350-day lactation. Which means she averaged more than 11 gallons of milk containing 4.7 pounds of butter daily for a year. High milk production results from proper management and genetics, according to the University of Maine Cooperative Extension. Padme comes from a long line of high-producing university cows and care from UMADCOWS (University of Maine Applied Dairy Cooperative of Organized Working Students). "Padme has the most patience with the students of any cow in the herd," says Emily Fortin, student herd adviser. Padme's daughter Polkadot also is on her way to make a record of her own, UMaine Extension officials predict. For more information, contact David Marcinkowski, a UMaine Extension dairy specialist and associate professor of animal and veterinary science, at 581.2740 or davidmar@maine.edu.

Free veteran farm field day May 15 in Penobscot

10 May 2016

Paul Schultz will host a free military veteran farm field day 1–3 p.m. Sunday, May 15, at King Hill Farm, 29 Faerie Kingdom Road, Penobscot. Schultz, a military veteran and farmer, owns and operates a certified organic [farm](#) with his wife, Amanda Provencher. The field day is intended to give current and prospective growers and ranchers information about farming with a tour, discussion and practical demonstrations. The Farmer Veteran Coalition of Maine and Maine AgrAbility are sponsoring the public event. For more information, or to request a disability accommodation, contact Lani Carlson at 944.1533, leilani.carlson@maine.edu. More information also is [online](#).

Two talks to highlight Margaret Chase Smith Library's annual meeting

10 May 2016

The Margaret Chase Smith Library's annual Maine Town Meeting on May 19 will be highlighted by a talks that combine historical perspective with political analysis. Professor Heather Cox Richardson of Boston College will speak about her history of the Republican Party, "To Make Men Free." Daniel Shea, director of the Goldfarb Center for Public Affairs and Civic Engagement at Colby College, will speak on the long-established conventional understandings of American politics. The Maine Town Meeting begins with a continental breakfast at 8:30 a.m., followed by the program at 9 a.m. The event is free; lunch is \$10 per person. The Margaret Chase Smith Library in Skowhegan is owned by the Margaret Chase Smith Foundation and operated under its auspices by the University of Maine. For more information about the event or to request a disability accommodation, call the library, 474.7133.

Gabe contributes to CityLab analysis on creative economy's racial divide

10 May 2016

Todd Gabe, an economics professor at the University of Maine, was mentioned in the [CityLab](#) article, "The racial divide in the creative economy," by Richard Florida, co-founder and editor at large of CityLab and a senior editor at The Atlantic. Not only does the creative class skew white, but there are few U.S. cities where the black creative class appears to be doing as well as their white counterparts, according to the article. Across America, Florida found almost three-quarters, or 73.8 percent, of all creative class jobs are held by white workers, compared to 8.5 percent by African-Americans. While 36 percent of all workers nationally are part of the creative class, 41 percent of white workers hold creative class jobs, while 28 percent of black workers do, the article states. Florida worked with Gabe to identify the racial breakdown of the creative class across the U.S. and its roughly 380 metro areas. They looked at the shares of black and white workers ages 16 and older in creative class occupations for the year 2013 using data from the U.S. Census categories for management, business, science and arts occupations, according to the article.

Softball squad seeded second at AE tourney

11 May 2016

The University of Maine softball team earned the second seed in the America East tournament and will play its first game versus the winner of Albany and Hartford at 1:30 p.m. Thursday, May 12, in Binghamton, New York. The Black Bears should be confident heading into the contest as nine players earned accolades at the annual league banquet Tuesday night. Catcher Janelle Bouchard was named AE Player of the Year, Erin Bogdanovich was named Pitcher of the Year and Alyssa Derrick, who plays third, was named the Rookie of the Year. Bouchard and Bogdanovich were each named to the America East all-conference first team while Derrick, pitcher Molly Flowers, shortstop Felicia Lennon, outfielder Rachel Harvey and outfielder Erika Leonard were second team selections. Derrick, utility player Maddie Decker and second base player Meghan Royle all were chosen for the All-Rookie squad. Leonard and Bouchard also earned America East All-Academic honors. Leonard is a nursing major with a 3.79 GPA and Bouchard is a child development and family relations major with a 3.42 GPA. UMaine, which won five of its last six regular-season contests, enters postseason play with a 25-19 record, 12-5 in league play. The 25 wins are the most for the Black Bears since 2009. The Black Bears and top-seeded Binghamton received first-round byes. In the regular season, the Black Bears bested the Binghamton Bearcats in two of three contests, winning 3-0 and 2-1 and losing 7-3. The six-team double-elimination tournament gets underway Wednesday, May 11, and concludes Saturday, May 14. Host Binghamton is the No. 1 seed with a 14-3 league record. UMaine is No. 2 (12-5), Albany is No. 3 (11-5), Stony Brook is No. 4 (11-6), UMBC is No. 5 (5-11) and Hartford is No. 6 (2-14). UMaine, coached by Mike Coutts, last won the AE Tournament in 2004. The Black Bears also won in 1994. [America East](#) will stream games live.

ADVANCE Rising Tide Center to host fifth annual conference for women in academia

11 May 2016

Women from Maine's colleges and universities are invited to network and participate in discussions on career advancement Tuesday, May 17 in Bangor. The University of Maine's ADVANCE Rising Tide Center will host the "ADVANCING Women in Academia: 5th Annual Networking Conference" from 8 a.m. to 4 p.m. at the Hilton Garden Inn. The event will feature facilitated workshops and small-group discussions focused on work-life balance, supporting gender equality, effective networking, and developing grassroots advocacy groups to create and sustain institutional change. "We're delighted to be offering our fifth networking conference," says Amy Blackstone, director of the ADVANCE Rising Tide Center. "Our partners and attendees include a wide range of academics from institutions throughout Maine and New England. We hope attendees will enjoy the chance to make new connections, strengthen existing networks, and work together toward advancing women in academia." Faculty and graduate students also are welcome to present in an informal poster session to share their work with colleagues. Erin Kelly, a professor of work and organization studies at MIT Sloan School of Management in Cambridge, Massachusetts, will offer the keynote. Kelly's research recently was featured in "The Work Issue" of [The New York Times Magazine](#). One of the workshops offered will focus on diversity and supporting international students, who are an increasing presence on many university campuses, particularly in Maine. Although international students bring with them talent and innovative ideas, they are not always included in developing and implementing initiatives seeking to enhance institutional diversity, according to UMaine Women in Academia, a group of graduate students and postdoctoral candidates, who will lead the discussion. Workshop participants will discuss how diversity enriches the academic community and learn about strategies for recruiting and retaining international women to create an inclusive environment that fosters professional growth and productivity for all. UMaine Women in Academia was established in 2015 to bring women and future higher education faculty from all disciplines together to discuss relevant issues, foster a supportive climate, and provide networking and mentoring opportunities for women across the academic pipeline and at every stage of career development. The networking conference is free and open to the public. Registration is required and available [online](#). A limited number of guest rooms will be available at a discounted rate for conference attendees. For more information, call the hotel at 262.0099. The event is presented with support from the National Science Foundation and UMaine's ADVANCE Rising Tide Center partners Maine EPSCoR, Maine Maritime Academy and Husson University. The ADVANCE program is funded by the NSF and seeks to develop systemic approaches that can be institutionalized at higher education institutions to increase the representation and advancement of women in academic science, technology, engineering and mathematics (STEM) and social-behavioral science careers. In fall 2016, the ADVANCE Rising Tide Center will become the UMaine Rising Tide Center. The center's mission will expand to include women faculty from all disciplines with the goal of improving gender equality on campus and throughout the community. More information about the program and networking conference is [online](#).

Fishermen's decisions shaped by both climate, community distinctions

11 May 2016

An international research team led by Heather Leslie found fishermen's decisions are shaped by differences in both natural and social environments. The team discovered the community with stronger fishing rights exerted more control over fishermen's decisions than communities with weaker rights, and did so in a way consistent with the impacts of climate variability on fished species, said Leslie, director of University of Maine Darling Marine Center. While previous studies have connected climate impacts on single species, Leslie and collaborators traced the connections between people and fisheries across the tens of species caught by fishermen working the waters of Baja California Sur, in Mexico. "Thanks to the generosity of the fishermen and their willingness to share information, we were able to trace the impacts of climate variability and local fishing rights on decisions about how and how much to fish," Leslie said. "While our findings may not surprise those who spend their lives working on the water, the results demonstrate the depth of local knowledge and monitoring that communities can deploy and hopefully provide guidance about how to sustain coastal fisheries elsewhere." The interdisciplinary team of economists, anthropologists and environmental scientists used information from fishermen's logbooks to trace the impact of climate and property rights on community-level fishing decisions. To match those decisions with what is known about climate variation in Baja, they drew on satellite-derived information on climate conditions and culled information on fished species' responses to climate variability from more than 50 scientific papers in English and Spanish. Leslie, who also is the Libra Associate Professor at UMaine's School of Marine Sciences, has been investigating human and ecological dimensions of coastal fisheries in Mexico for more than a decade. "My work in Mexico was sparked by my early observations on the Maine coast, almost 20 years ago," Leslie said. "I was impressed by many Maine fishermen's commitment to place-based fisheries management, and wanted to learn how place-based stewardship of marine resources operates in other parts of the world." The team's results are included in the paper "[Property Rights for Fishing Cooperatives: How \(and How Well\) Do They Work?](#)," published by *World Bank Economic Review*. Leslie will continue her work in Mexico for another three years with support from the U.S. National Science Foundation. She is scoping out the next phase of her applied marine research program, which will focus closer to home in Maine. Leslie returned to Maine in August 2015, when she became director of the DMC, which is the University of Maine marine laboratory. It celebrated its 50th anniversary in 2015 and is the state's hub for applied research for coastal fisheries, aquaculture and environmental monitoring. The Darling Marine Center is on the Damariscotta River in Maine's midcoast region, and welcomes UMaine faculty, staff, students, and visiting investigators from around the world throughout the year. Researchers in residence at the DMC work on a range of marine science topics, including aquaculture and marine fisheries; biogeochemistry and microbial ecology; remote sensing, phytoplankton ecology, and ocean optics; invertebrate biology and biodiversity; marine archaeology; and marine conservation science and policy. Contact: Linda Healy, 207.563.8220

Witter Center structures to be removed

11 May 2016

A barn and smaller structures on property known as the Smith Farm, located near the intersection of Bennoch Road and Stillwater Avenue in Old Town and owned by the University of Maine, are scheduled for demolition in May. The property is part of UMaine's J. Franklin Witter Teaching and Research Center, dedicated to teaching and research programs in animal sciences and sustainable agriculture. The Smith Farm's fields are used for crop research. For several years, the more than 70-year-old barn has not been used to support crop and livestock research. The barn has lost its structural integrity, and its design and age preclude renovation or reuse. Following demolition of the barn and other structures, the area will be revegetated.

Advanced Structures and Composites Center to host two STEM competitions May 20

11 May 2016

The University of Maine Advanced Structures and Composites Center will host two middle- and high-school level STEM competitions May 20. More than 250 Maine students are expected to participate in either the Windstorm Challenge or Maine Wind Blade Challenge. The Windstorm Challenge engages students in floating offshore wind

technology, innovation and business. The competition, which will be held in the center's Harold Alfond W² Ocean Engineering Laboratory, encourages teams of high school students to design and construct a scale-model floating wind turbine platform, subject the design to testing, and deliver a business plan and sales pitch to a panel of expert judges. The program previously was offered as a statewide competition from 2011 to 2013. The eighth annual [Maine Wind Blade Challenge](#), a program of the Maine Composites Alliance and the Maine Ocean and Wind Industry Initiative, connects teams of middle and high school students with composites companies to construct and infuse a functional set of wind blades. Each team's goal is to manufacture an assembly that will generate the most energy in three minutes or less. For more information or to register for a competition, contact Josh Plourde at 581.2117, josh.plourde@maine.edu. A full news release is [online](#).

NY Theatre Guide reviews performance by Silver

11 May 2016

A performance by pianist Phillip Silver, a professor of music in the School of Performing Arts at the University of Maine, was included in a New York Theatre Guide review of "Hours of Freedom: The Story of the Terezín Composer" in the Czech Center New York Ballroom in New York City. "One of the most extraordinary pieces was a solo, Piano Sonata no 7: 'Variations and Fugue on a Hebrew Folk Song' by Victor Ullman performed by virtuoso pianist, Philip Alan Silver," the review states. "Silver's playing soared past the chandeliers to impossible heights of human excellence."

WVH advances rescheduled Bangor standpipe light, projection show

11 May 2016

[WVH](#) (Channel 7) previewed "FLOW: An evening of water themed light & projection," to be held at the Thomas Hill Standpipe in Bangor on May 11. The annual spring tour of the standpipe and multimedia event — a partnership between the Intermedia MFA program at UMaine, Coaction Lab and Bangor Water District — were originally slated for May 4, but were postponed due to predicted rain. Faculty and students in the Intermedia MFA and New Media programs will project onto the structure light, images and videos inspired by the building's history and function. Tours will begin at 5:30 p.m. with the projections beginning at dusk.

WABI covers therapy dog visit to Fogler Library during Finals Week

11 May 2016

[WABI](#) (Channel 5) reported on the latest visit by certified therapy dogs to the University of Maine's Fogler Library. The dogs were on hand to offer stress relief and comfort to students, staff and faculty members during Finals Week. The program started several years ago and was an immediate hit, according to the report. "You can't help but be happy around a dog," said Thomas Dolloff, a senior psychology major at UMaine. "And it's really important to keep a positive attitude when you have important things going on that stress you out." In addition to during finals, the dogs also visit in the fall to help with homesickness, the report states.

Media report on visiting researcher's mussel study

11 May 2016

The Associated Press and Maine Public Broadcasting Network reported on research conducted by Scott Morello, a visiting researcher at the University of Maine's Darling Marine Center in Walpole. Morello found mussel larvae swim toward odors from adult mussels, and swim away from odors from predators, including green crabs and dog whelks. According to his research, even though mussel larvae don't have noses, they can recognize and respond to a range of odor cues when deciding whether to settle in wild beds or on aquaculture lines. The predator odors Morello used are from species that feed on older mussels, which indicates larvae assess future risk on some level when they make settlement decisions. "They can smell, for all intents and purposes," Morello told the AP. "They are doing everything

they can so they don't end up settling near a predator.” [Chicago Tribune](#), [Portland Press Herald](#), [Business Insider](#), [timesunion](#), [Sci-Tech Today](#) and Sun Journal carried the AP report.

New Balance Student Recreation Center offering free equipment orientations

12 May 2016

The University of Maine's New Balance Student Recreation Center will offer free facility tours and equipment orientations May 16–20. UMaine community members are invited to visit the Rec Center throughout the week to meet with personal trainers who will lead 30-minute tours of the facility, including time for demonstrations on the cardio and weight equipment. Trainers also will be available to answer fitness questions. Registration is not required. Participants can meet with a trainer in the Rec Center's front lobby from 11 a.m.–1 p.m. Monday, Wednesday and Friday; or 4–6 p.m. Tuesday and Thursday.

WABI covers Thomas Hall Standpipe light, projection show

12 May 2016

WABI (Channel 5) reported on “FLOW: An evening of water themed light & projection,” at the Thomas Hill Standpipe in Bangor. The multimedia event — a partnership between the Intermedia MFA program at UMaine, Coaction Lab and Bangor Water District — took part during the annual spring tour of the standpipe. Faculty and students in the Intermedia MFA and New Media programs projected onto the structure light, images and videos inspired by the building's history and function. Ahead of the event, Gene Felice, a professor of new media and intermedia at UMaine, told WABI what viewers could expect and spoke about the show's creation. [WVII](#) (Channel 7) and The Maine Edge also reported on the event.

Steneck quoted in Press Herald editorial on warming Atlantic, lobster industry

12 May 2016

Robert Steneck, a marine biologist at the University of Maine's School of Marine Sciences, was quoted in the [Portland Press Herald](#) editorial, “Warming Atlantic bodes poorly for lobster industry.” Warming water temperatures have for decades been the primary factor in pushing the lobster population farther north, according to the article. Since 2004, the Gulf of Maine has been warming faster than anywhere on Earth, the editorial states. “We're definitely seeing this geographic shift, and it's in keeping with the warming of the Gulf,” Steneck 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.”

CounterPunch cites Fried in article on exit polling, election fraud allegations

12 May 2016

Amy Fried, a political science professor at the University of Maine, was one of several political experts to be interviewed for the [CounterPunch](#) article, “Hillary Clinton vs. Bernie Sanders: In-depth report on exit polling and election fraud allegations.” Fried said because different people vote early as opposed to those who vote late, exit polls are adjusted over time. “[Exit polls] are designed to give demographic detail plus more information about why people voted as they did; what issues are important and such,” she said.

BDN previews UMaine Museum of Art summer exhibits

12 May 2016

The [Bangor Daily News](#) reported on two exhibitions slated to open May 13 at the University of Maine Museum of Art in downtown Bangor. Married artists Alisa Henriquez and Thomas Berding will both have displays at the museum through Sept. 10. “Remnant States,” is composed of more than 40 abstract paintings by Berding ranging from large

canvases to a variety of smaller compositions, each with vibrant color and visible movement, according to the article. Henriquez's exhibition, "The Constructed Body," acts as commentary, addressing socially constructed ideals of beauty while exploring history, belief and notions of self, the article states. In addition to displaying the work of Henriquez and Berding this summer, UMMA will feature "What's the Big Idea: Small Paintings from the Museum Collection," as well as works selected and curated by UMMA's young curators in "Distorted Perceptions: UMMA's Young Curators."

Family to move into house renovated by UMaine students, WABI reports

12 May 2016

WABI (Channel 5) reported a family will soon move into a Bradley home that was renovated through Habitat for Humanity. Students from the University of Maine and Eastern Maine Community College were among the volunteers that helped restore the three-bedroom home and garage, according to the report. "It's been a great team-building exercise and a learning experience to figure out how to manage this kind of work," said Will Manion, an assistant professor of construction engineering technology at UMaine. Anthony Stohlberg, a UMaine student, said he estimates he has spent more than 100 hours working on the project.

Solon resident receives 4-H Volunteer Outstanding Lifetime Award, WABI, WVII report

12 May 2016

WABI (Channel 5) and [WVII](#) (Channel 7) reported Eleanor Pooler of Solon was awarded the 4-H Volunteer Outstanding Lifetime Award. The University of Maine Cooperative Extension 4-H Youth Development Program presented the award during a luncheon at UMaine on Wednesday. Pooler has led the Solon Pine Tree 4-H Club for 51 years. She joined Franklin County's Tough Nuts 4-H Club at age 10 and the Franklin County Dairy 4-H Club three years later. At 19, she became a 4-H volunteer leader. Pooler told WABI her greatest accomplishment has been working with youth. "Really it's a great honor," she said, adding she has no plans to retire soon. Bangor Metro also published an article on Pooler and her most recent award.

Olsen recommends local habitat protection to save saltmarsh sparrows

13 May 2016

When Laura Garey wades into tidal marshes at sunrise to survey saltmarsh sparrows, the University of Maine graduate student also spies deflated balloons, trash and pollutants. These reservoirs at the intersection of land and sea also are increasingly being damaged by coastal development, sea-level rise and more frequent storm surges. All of which makes it tough on songbirds, including saltmarsh sparrows, who mate, build nests and feed in coastal marshes. These specialist birds rely on tidal marshes in critical periods of their lives, and cannot successfully reproduce and survive in nonmarsh habitats. Garey, who is pursuing a master's degree in ecology and environmental sciences, has tracked the at-risk saltmarsh sparrow in southern Maine during its breeding season until the nests failed or the nestlings fledged. The dearth of this songbird is one of the findings of a five-plus-year project of the Saltmarsh Habitat & Avian Research Program (SHARP). Garey and other scientists from UMaine, as well as researchers from other universities and agencies, collaborated on the project. In addition to the saltmarsh sparrow, researchers studied the reproduction of four other species across the Northeast U.S.: Nelson's Sparrow, Seaside Sparrow, Clapper Rail and Willet — all of which utilize tidal marshes. Since 2011, the cooperative undertaking has included about 200 participants who estimated the population sizes of 23 wetland bird species across nearly 2,000 surveyed locations in 10 states from Maine to Virginia. The findings are alarming. Since 1998, the number of saltmarsh sparrows has dropped about 9 percent annually in the northeastern U.S. and nearly 11 percent annually in Maine, says UMaine research professor Brian Olsen, a principal investigator with SHARP. Olsen puts it another way: Nearly eight out of every 10 birds has disappeared in the last 15 years. Which means the birds — which grow to about 5 inches and weigh about half an ounce — are headed for extinction within 50 to 80 years. Saltmarsh sparrows currently have no special protection at the federal level within the U.S., the only country where they are found. UMaine researchers say the species should be considered for federal listing as Threatened or Endangered. Now. The promising news, says Olsen is that individuals, government agencies and conservation groups can take action to reverse the trend and to protect critical marsh habitats. "We know we're losing

tidal marsh habitats on the East Coast, we know we're losing birds in those marshes, and we know that local actions can halt these losses if we act now," Olsen says. SHARP's mission is to promote long-term conservation of tidal marsh birds and the ecosystem that supports them by advising research-based management action in the northeast U.S. Its findings and recommendations are in the 161-page report, "The Conservation of Tidal Marsh Birds: Guiding action at the intersection of our changing land and seascapes" released in August 2015. One recommendation is to have unrestricted tidal flow to salt marshes. Some roads or railways that pass through coastal marshes are built on deposited fill. And culverts, if installed at all, can be too small for enough tidal water to flow through to maintain natural salt marsh vegetation upstream. The altered composition of the marsh isn't conducive to tidal specialist birds. Maureen Correll, who earned her doctorate at UMaine, discovered that tidal restriction is the dominant driver of the decline of tidal marsh songbirds — even more so than sea-level rise. On average, tidal-marsh specialists — birds that spend their annual life cycle in the salt marsh — are declining in tidally restricted areas but are maintaining populations in marshes where tidal flow is unrestricted. "We're responsible for our backyards," says Correll. The way bridges are built and culverts installed and fertilizer is applied to land around the marshes does make a difference at the local level, says Olsen. Case in point: The researchers found rates of survival and production of tidal marsh birds are highly variable in the Northeast, which suggests local actions matter and can lower the risk of species being wiped out. "There are daily choices that can literally trickle down," he says. Sea-level rise also is a problem for the species. Tidal flooding and extreme coastal storms have resulted in more frequent nest failures and a decline in the population of saltmarsh sparrows in the northeastern U.S. With the increase in frequency in flood tides, the window is shorter for tidal marsh nestlings to hatch and be able to fly before they drown. Females weave nests just above the high-tide mark but below the top layer of the marsh grass so they're hidden from predators. As depicted on the PBS Nature special "Location, location, location," which was filmed at SHARP study locations, the cycle of saltmarsh sparrow egg-laying is tied to the lunar cycle. The time from when the female begins laying eggs until the last chick is fledged is generally 24 to 26 days. The lunar cycle repeats, on average, every 29.53 days, causing especially high tides for a few days each month — when the moon is either full or new. And with sea-level rise, the high tides are getting higher. Just a slight change in the timing or level of tides can eliminate the "safe" window of 24–26 days during which a sparrow nest can survive and fledge. While unhatched eggs can float and survive in the nest, chicks younger than 5 days aren't likely to be strong enough to climb to higher ground during the particularly high tides. A few inches can mean the difference between life and death for the birds, who generally can fly when they're 8 to 11 days old. In New Hampshire, scientists have experimented using floating habitat islands to increase the nesting success of saltmarsh sparrows. In addition to unrestricted tidal flow and building floating nesting islands, SHARP suggests conservation groups and municipalities purchase open land adjacent to coastal marshes so marshes have the potential to migrate landward. Birds, say the researchers, provide vital ecological functions. Across the country, birds pollinate plants, disperse seeds, scavenge carcasses and recycle nutrients back into the soil. And they're sentinels. When they don't fare well, it's a warning that something is amiss. In coastal marshes, birds may be one of the most sensitive indicators of environmental health. In addition to being important habitat for coastal birds, tidal marshes purify water, protect coastal infrastructure from storm surges, are nurseries for fisheries and are areas for public recreation. Regional cooperation and coordination are imperative to maintain tidal bird populations into the next century, say the report's authors. Britt Cline's research may prove beneficial throughout the region. Cline, who earned her doctorate in wildlife ecology at UMaine and is a postdoctoral research associate at University of Delaware and SHARP, is developing an index to quantify the health of marshes on large spatial and temporal scales. The index will include information about plants, birds and other environmental factors, including tidal marsh elevation and water quality. Having numbers that quantify the health of coastal marshes will be valuable for evaluating restoration practices, says Olsen. While it may be too late for Black Rails — surveyors spotted only 10 in two years, indicating a possible complete collapse of the Mid-Atlantic population — there's time and reason to work to save other species. "When we save birds from large-scale threats, we see that what's good for the birds is also good for us," said National Audubon science director Gary Langham in "Audubon" magazine. "This is true about agriculture, fishing, climate change. As we solve their problems we solve ours. This is about everyone's quality of life." Meaghan Conway, who is pursuing a doctorate in ecology and environmental sciences at UMaine, agrees. She says actions of people who live a considerable distance from the coast still can impact tidal marshes and species that depend on them for survival. Conway knows. She and other UMaine scientists who participated in the project have witnessed repercussions of restricted tidal flow, pollution, carbon emissions and balloon releases on songbirds and their habitat. The full report, a summary and each participating state's summary are available at tidalmarshbirds.org. Contact: Beth Staples, 207.581.3777

Research looks into positive health effects from eating chocolate

13 May 2016

Following a widely reported collaborative study that found eating chocolate improves cognitive function, researchers at the University of Maine, University of South Australia and Luxembourg Institute of Health have published additional research to determine potential causes. The initial research involved 968 participants ages 23–98 from the Maine-Syracuse Longitudinal Study. Participants who ate chocolate at least once per week had better scores on tests of cognitive abilities as compared to those who never or rarely ate chocolate. The study controlled for many possible confounds such as diet, cardiovascular disease, lifestyle factors, age, education, sex and race. While a popular finding, questions remain as to the biological mechanisms behind the results, according to the researchers. It is well-known that polyphenol gives chocolate its favorable influence on metabolic function and that better metabolic function is associated with improved cognitive functioning. Meaning improved metabolic function may be a reason chocolate is associated with cognitive ability. Two recently published papers, which include UMaine investigators, may provide further explanations for why chocolate is positively related to cognitive ability. In an article published in the *British Journal of Nutrition*, the researchers examined the association of chocolate consumption with insulin resistance and serum liver enzymes in adults. They found eating a small amount of chocolate daily was associated with less diabetes and decreased insulin resistance. Data from 1,153 people, aged 18–69 years who were part of the Observation of Cardiovascular Risk Factors in Luxembourg (ORISCAV-LUX), study were analyzed. It was found that those who ate 100 grams of chocolate per day — equivalent to a bar — had reduced insulin resistance and improved liver enzymes. Insulin resistance plays a major role in diabetes mellitus and has been associated with lowered cognitive functioning in many previous studies, the researchers says. In a paper published in *Pulse*, the Maine-Syracuse Longitudinal Study group reports findings using the same study protocol as the chocolate and cognition study, but with arterial stiffness as the outcome measure. Five-hundred MSLS participants were used in the analysis. Habitual chocolate intakes were related to pulse wave velocity (PWV) — a noninvasive measure of arterial stiffness, or the rate at which pressure waves move down the vessel — measured five years after the assessment of chocolate consumption. Chocolate intake was significantly associated with PWV in a nonlinear fashion with the highest levels of PWV in those who never or rarely ate chocolate and lowest levels in those who consumed chocolate once a week. The results remained and were not attenuated after multivariate adjustment for diabetes, cardiovascular risk factors and nonchocolate dietary patterns, and demographic factors. Other studies are planned to determine whether lower PWV and better insulin resistance mediate between modest levels of chocolate consumption and cognitive ability. While translation of the cognition, diabetes and insulin, and arterial stiffness studies to dietary practice encourages individuals to consume chocolate in moderate amounts for better health and cognition, the study teams emphasize the importance to differentiate between the natural product cocoa and the processed product chocolate, which is an energy-dense food. Therefore, physical activity, diet and other lifestyle factors must be carefully balanced to avoid weight gain over time. The interrelated studies on chocolate have resulted from a no-cost collaborative agreement for data sharing between UMaine, the Luxembourg Institute of Health and the University of South Australia. Merrill “Pete” Elias, a UMaine psychologist and epidemiologist and professor in the Graduate School of Biomedical Sciences and Engineering; Georgina Crichton, a University of South Australia nutritionist and psychologist; and cardiovascular researcher Dr. Ala’a Alkerwi of the Luxembourg Institute of Health are principal investigators. Michael Robbins, a UMaine psychology professor, is among many participating investigators. The interdisciplinary team represents epidemiology, neuropsychology, nutrition and cardiology. Contact: Margaret Nagle, 207.581.3745

Physics, mathematics major enters Xploration Station’s Student Astronaut Contest

13 May 2016

Samuel Borer, a double major in physics and mathematics at the University of Maine, has entered Xploration Station’s Student Astronaut Contest. Borer submitted a three-minute video explaining why he believes space exploration is important and why he should be selected to appear on “Xploration Station,” a television show on FOX that aims to excite viewers about space exploration and science. Borer, who was a finalist in the contest last year, is seeking support from the UMaine community by liking and sharing his video on [Facebook](#).

DMC to host shellfish farming workshop

13 May 2016

Chris Davis, executive director of the Maine Aquaculture Innovation Center, will instruct an “Applied Methods in Shellfish Farming Workshop” June 20–24 at the University of Maine Darling Marine Center in Walpole. The intensive, hands-on workshop is intended to familiarize participants with practical methods used to cultivate commercially important bivalve molluscs, including oysters, mussels, clams and scallops. Participants will learn about hatchery methods, upweller and nursery systems and will visit commercial oyster, mussel and clam farm growout operations. Identification of optimal aquaculture sites will include use of instrumentation, GIS and field survey methods. Regulations, including leasing, permitting and biosecurity, also will be addressed. Davis has been involved with oyster aquaculture for more than 30 years. In addition to being the executive director of the [Maine Aquaculture Innovation Center](#), he’s a founding partner of the Pemaquid Oyster Company and a part-time faculty member with the UMaine School of Marine Sciences. Cost of the five-day workshop is \$725. Room and board at the DMC are available for an additional fee. Information and registration material are available [online](#) and by calling 563.8220. May 20 is the registration deadline.

Free Press advances shellfish farming workshop at Darling Marine Center

13 May 2016

[The Free Press](#) reported the University of Maine’s Darling Marine Center in Walpole will offer “Applied Methods in Shellfish Farming,” an intensive, hands-on workshop from June 20–24. Chris Davis, executive director of the Maine Aquaculture Innovation Center, will lead the workshop that will introduce practical methods of cultivating commercially important bivalve molluscs, including oysters, mussels, clams and scallops. The course will include visits to commercial oyster, mussel and clam farm growout operations, according to the article. Regulations on leasing, permitting and biosecurity also will be addressed. Cost of the five-day workshop is \$725. Room and board at the DMC are available for an additional fee. Information and registration material are available [online](#) and by calling 563.8220. May 20 is the registration deadline.

Fraternity’s sexual assault awareness efforts cited in WABI report

13 May 2016

Members of the Beta Theta Pi fraternity at the University of Maine spoke with WABI for a two-part report on sexual assaults on college campuses. Every year, the fraternity raises thousands of dollars for Rape Response Services of Bangor during its Sleep Out, according to the report. “We’re making our strong stance against sexual assault,” Dillon Kress of Beta Theta Pi said of the event where fraternity members stay outside overnight to raise awareness and funds for sexual assault services. Fellow Beta member Christian Labonte said the common misconceptions of fraternities drive the group to lead by example.

Dill speaks with WVII about Maine tick population

13 May 2016

Jim Dill, a pest management specialist with University of Maine Cooperative, spoke with [WVII](#) (Channel 7) for a report about the warmer weather bringing more insects to Maine. Dill warned that “because of the mild winter, we expect and have seen that the population of ticks are good.” He added that because ticks have a two-year life span, the population is expected to remain high next summer.

WLBZ cites report on preparing for spruce budworm outbreak

13 May 2016

A report created by the Maine Spruce Budworm Task Force was cited in a WLBZ (Channel 2) report on the next cyclical infestation of the pest that could cause severe economic damage to the state’s forest products industry. Described as the most damaging forest insect in North America, the spruce budworm is already killing trees in Canada

and is expected to spread to parts of the North Woods in the next five years, according to WLBZ. The Maine Spruce Budworm Task Force, which was formed in 2013 by the University of Maine, Maine Forest Service and Maine Forest Products Council, recently released a report that includes a plan and risk assessment with about 70 recommendations for landowners to prepare for the next expected outbreak. Recommendations include changing wood harvesting strategies and using targeted aerial spraying and insecticide application, WLBZ reported.

4-H to offer hands-on archery lessons in Gray, Keep Me Current reports

13 May 2016

[Keep Me Current](#) reported Ron Fournier, a certified firearm and archery safety instructor for the Maine Department of Inland Fisheries and Wildlife and summer camp director at the University of Maine 4-H Camp and Learning Center at Bryant Pond, will lead a hands-on introduction to archery workshop May 21 at the Maine Wildlife Park in Gray. From 11 a.m.–2 p.m., staff from the 4-H camp will set up targets, showcase a variety of bows, and provide instruction for adults and children, according to the article.

One of UMaine's largest graduating classes urged to embrace a diverse world

14 May 2016

Editor's note: Story updated May 15. Nearly 1,800 graduates — one of the largest classes in University of Maine history — and more than 11,000 guests attended the 214th Commencement ceremonies at the state's flagship campus May 14. Commencement speaker United States Ambassador Pamela White received a standing ovation for her address focused on the importance of embracing diversity — a "transformative" experience that can make the world a better place. "I believe that every single person in this room has the ability to build a better highway to the future than the current rocky road," said White, a Lewiston native who graduated from UMaine in 1971 and, in 1978, began a decades-long career working across the globe with USAID. White talked about the culture shock at the start of her two years in the Peace Corps, moving from Maine with the intent to "save" a village in Africa. Instead, she said, it was the village in Cameroon that saved her, and launched her career as a U.S. diplomat. "I learned that understanding other people's ways and adapting to their lifestyles was not necessarily easy, but (was) fascinating," White said. "I took those lessons with me for the next 45 years, mostly in Africa but ending as ambassador to Haiti, helping to rebuild a nation brought to her knees." "Each and every one of you should be raising your voices for acceptance of different cultures and languages and religions," White told the soon-to-be graduates. "There are no walls high enough and no bombs big enough to wipe out hatred. People can wipe out hatred. Love can wipe out hatred." Citing Nelson Mandela, White noted that no one is born hating another because of race or religion. If people can learn to hate, she said, they can also be taught to love, and she urged the audience members to keep their hearts and minds open. "I only ask that you learn to love the bizarre, the different, the difficult," she said. "Travel if you can — even if you have to sleep on floors and take the cheap seats. Eat something weird, dance to new music, wear a colorful shirt, speak a new language. The world awaits you." White, who now lives on Orrs Island, was one of two alumni to receive an honorary doctorate at the morning Commencement ceremony. Also honored was Leonard Minsky, a community leader and retired president of Superior Paper Products Inc., who lives in Bangor, Maine and Sanibel Island, Florida. The morning ceremony included students from 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 included those in the College of Engineering, and the College of Natural Sciences, Forestry, and Agriculture. The [2016 valedictorian](#) is Nicholas Fried of Millerstown, Pennsylvania, an animal and veterinary sciences major, with a minor in chemistry; Connor Smart of Lincoln, Maine, the salutatorian, is a double major in accounting and finance, and is the Outstanding Graduating Student in the Maine Business School. Both are Honors College students. Also honored were four faculty members in anthropology, engineering technology, marine sciences and political science, receiving UMaine's highest awards. This year's [Distinguished Maine Professor](#) is anthropologist Paul "Jim" Roscoe, a world-renowned leader in cultural anthropology who is a professor of anthropology, and a cooperating professor in UMaine's Climate Change Institute and the School of Policy and International Affairs. Howard M. "Mac" Gray, professor of construction engineering technology, will receive the 2016 Presidential Outstanding Teaching Award; Neal R. Pettigrew, professor of oceanography, will receive the 2016 Presidential Research and Creative Achievement Award; and Amy Fried, professor of political science, will receive the 2016 Presidential Public Service Achievement Award. Contact: Margaret Nagle, 207.581.3745

Media report on celebration of College World Series teams

16 May 2016

Several media outlets reported on the University of Maine baseball team's celebration of its 1976 and 1986 College World Series squads. Players and coaches from those John Winkin-coached teams that made it to Omaha attended the Black Bears' weekend contests with Stony Brook at Mahaney Diamond. The [Bangor Daily News](#) and WABI (Channel 5) reported on the celebration.

'Science' cites Sandweiss about promising archaeological find

16 May 2016

University of Maine archaeologist Dan Sandweiss was quoted in an article in "[Science](#)" about stone tools and butchered mastodon bones dating to 14,550 years ago being found at the bottom of a Florida river. That's about 1,000 years before scientists previously thought humans were in the New World. "It's still a limited number of really good cases," says Sandweiss, adding the Florida site "may be the best so far" regarding being free of problems such as lacking radiocarbon dates or where older and newer sediments were mixed together. Michael Waters, an archaeologist at Texas A&M University, College Station and the study's co-author, said sea levels were much lower 14,550 years ago, and other similar sites are likely submerged and "just waiting to be found."

Softball team's league title, NCAA matchup with Georgia highlighted

16 May 2016

A number of media outlets reported the University of Maine softball team captured the America East championship and will play 16th-ranked Georgia in the NCAA tournament opener Friday in Athens, Georgia. The [Portland Press Herald](#), [WCSH6](#), WABI (Channel 5) and [Bangor Daily News](#) were among the outlets to report the news.

Benefits of Flagship Match Program touted in BDN article

16 May 2016

The [Bangor Daily News](#) ran a story about the University of Maine Flagship Match Program that helped bring in 2,447 first-year students for the fall 2016 semester, compared with 2,012 a year ago. Of those students who indicated they'd be attending in fall 2016, 1,123 are from outside the state, according to the report, compared to 731 a year ago. The Flagship Match Program allows qualified students from Massachusetts, Connecticut, Vermont, Pennsylvania, New Hampshire and New Jersey to pay the same tuition and fees to attend UMaine as they would to attend their own state's flagship campus. The article indicated a side benefit could be young, educated people may choose to stay in Maine and work after college. "We really need an educated workforce, and we need to add people to the state in order to have a vibrant economy," President Susan Hunter was quoted as saying in the article.

Media cover 214th Commencement

16 May 2016

Several articles and broadcasts highlighted Saturday's University of Maine 214th Commencement, at which nearly 1,800 undergraduate and graduate students, including more than 40 doctoral candidates, earned degrees. Auburn native, alumna and United States diplomat Pamela White — former ambassador to Haiti and The Gambia — delivered the address, saying, "Each and every one of you should be raising your voices for acceptance of different cultures and languages and religions," White told the soon-to-be graduates. "There are no walls high enough and no bombs big enough to wipe out hatred. People can wipe out hatred. Love can wipe out hatred." [WCSH6](#), FOX 22 and the [Bangor Daily News](#) were among the outlets that covered the ceremonies. [Z 107.3](#) posted video of the ceremony.

UMaine Composites Center to host 300 students for STEM challenges

16 May 2016

The University of Maine Advanced Structures and Composites Center will host the Windstorm Challenge and the 8th Annual Maine Wind Blade Challenge for middle- and high-school students May 20. Winning team members of both competitions will be offered internships at the UMaine Composites Center valued at more than \$20,000, contingent upon enrollment at the university. More than 500 people are expected at the STEM (Science, Technology, Engineering and Mathematics) competitions, including 300 student participants from Maine. “We are pleased to present Maine students with these two truly hands-on STEM experiences that will immerse them in energy research inside our 100,000-square-foot laboratory to help spark the next generation of engineers, scientists, entrepreneurs and job creators for Maine and for the United States,” said Habib Dagher, executive director of the UMaine Composites Center. “We’re confident that some of the best future engineers, scientists and entrepreneurial leaders will be on campus on May 20, and our goal is to inspire them with opportunities in our state.” The fourth Windstorm Challenge — to be held in the center’s Alford W² Ocean Engineering Lab — engages students in floating offshore wind technology, innovation and business. Student teams will design and construct a scale-model floating wind turbine platform and deliver a sales pitch-style presentation to a panel of UMaine and industry judges. The teams’ floating turbine models will be tested under extreme winds and wave conditions. The team that designs and builds the most stable platform and delivers the strongest presentation will be selected the winner. The 8th Annual Maine Wind Blade Challenge, also being hosted by the center, is a program of the Maine Composites Alliance and the Maine Ocean and Wind Industry Initiative. This challenge connects teams of middle- and high-school students with composites companies to construct and infuse a functional set of wind blades. Each team’s goal is to manufacture an assembly that will generate the most energy in 3 minutes or fewer. Each team also will do a presentation on its design and innovation processes. Contact: Josh Plourde, 207.951.5650

Black Bears best in America East, will play Georgia in NCAA Regional

16 May 2016

A day after winning the America East Championship, the University of Maine softball team (28-19) was selected to play in the NCAA Regional in Athens, Georgia. UMaine will face the 16th-seeded host Georgia Bulldogs (40-17) at 3:30 p.m. Friday, May 20. The game will be shown live on ESPN3. Oklahoma State (29-24) and Northwestern (26-26) also are in the double-elimination bracket and will play at 1 p.m. This marks Maine’s third appearance in the NCAA tournament, and its first trip since 2004. NCAA Regionals will be held May 20–22 at 16 campus sites. At each site, a four-team, double-elimination tournament will be played. The 16 winning teams advance to the Super Regionals that begin May 27. The Women’s College World Series commences June 2 in Oklahoma City. The NCAA selected the 64-team field from 295 NCAA Division I institutions that sponsor softball; 32 teams received an automatic qualification and the remaining best 32 squads were selected on an at-large basis. Two-time defending national champion University of Florida is the overall No. 1 seed. The Black Bears earned their way to the NCAA Regional by trouncing top-seeded Albany 14-1 on Saturday in Binghamton to win the America East Championship. UMaine’s Erin Bogdanovich, the AE Pitcher of Year, also was named the tournament’s Most Outstanding Player. In five innings in the title game, she yielded one run while fanning two and allowing four hits. The Black Bears pounded a league record 18 hits in the win; AE Player of the Year Janelle Bouchard led Maine’s attack, going 3-for-4 with a home run and four RBIs. Erika Leonard drove in four runs on two hits, including a double, and Felicia Lennon contributed three hits and two RBIs. Bogdanovich, Bouchard, Leonard and Lennon all were named to the America East All-Tournament team. In 2004, UMaine played in the Lincoln, Nebraska Regional, losing to California 4-0 and Iowa 2-0. In 1994, UMaine won the North Atlantic Conference tournament and twice defeated Robert Morris 2-1 in a play-in round before advancing to the Northridge, California Regional. There, the Black Bears lost 8-0 to host California State University and 10-0 to Washington.

Math professor Henry Pogorzelski to be remembered at ceremony

17 May 2016

Henry Pogorzelski, a well-known University of Maine professor and mathematician, will be laid to rest during a ceremony on Tuesday, May 17, according to the [Bangor Daily News](#). Pogorzelski, a professor and founder of the Research Institute for Mathematics, died Dec. 30 at a Bangor hospital. The 93-year-old, who was better known by students and colleagues as “Pogo,” spent 42 years as a member of the Department of Mathematics and Statistics, the BDN reported. He left the university in 2011 at age 88. His obituary is online.

Entrepreneurs to compete at regional Top Gun Pitch-Off May 18

17 May 2016

The University of Maine will host a competition for the Bangor region class of the Top Gun Entrepreneurial Accelerator May 18 at Seasons Restaurant in Bangor. Over the past three months, eight entrepreneurial teams from the area have been meeting with mentors and experts to develop their business and practice their “elevator pitch.” At the Pitch-Off, participants will present their innovations before judges and an audience of supporters. Two companies will advance to the statewide showcase the following week, with a chance to win a \$10,000 cash prize sponsored by the Maine Technology Institute and a Microsoft in-kind prize valued at more than \$100,000. Entrepreneurs will deliver a five-minute pitch, followed by a few minutes of questions from the judges. Business owners to present include:

- Elizabeth Keating of Botanical Brews & Happy Kids in Millinocket
- Nadir Yildirim of Revolution Research Inc. in Orono
- Kelly McClymer of Kelly McClymer Books in Glenburn
- Niles Parker of Science Around ME in Bangor
- Kasey Smith of Eternav in Verona Island
- Dan Steinke of Dental Health Advantage Plan in Dover-Foxcroft and Sorrento

The event, which is sponsored by First National Bank, begins with networking at 5 p.m. Pitches will start at 6 p.m. and semi-finalists will be announced at 7 p.m.

BDN reports on recent UMaine graduate’s new Brewer business

17 May 2016

The [Bangor Daily News](#) reported on a newly opened business by Alison Keane, a recent MBA graduate from the University of Maine. Keane, an Eddington resident who grew up in Brewer, is now the president and founder of the Logical Sip Cafe & Bakery in Brewer, according to the article. Keane began writing her business plan for the bakery over a year ago, the article states. “I love to bake and it’s always been a hobby, but it’s never really been more than that. When I decided I wanted to own my small business I decided that food was going to be a part of that,” she said. [Mainebiz](#) cited the BDN article.

Pendse cited in MPBN report on expiring waste disposal agreement

17 May 2016

Hemant Pendse, director of the Forest Bioproducts Research Institute and chemical engineering professor at the University of Maine, was mentioned in a [Maine Public Broadcasting Network](#) report about the expiration of a 30-year waste disposal agreement between more than 180 communities and the Penobscot Energy Recovery Co. PERC, which generates electricity with its Orrington incinerator, would like to keep the arrangement going, but a coalition of communities known as the Municipal Review Committee is pursuing a competing proposal involving a newer technology with the company Fiberright, according to the report. Bangor City Manager Cathy Conlow, a member of MRC, said the new technology is being widely used in Europe, and it has been vetted and endorsed by Pendse, a chemical engineering expert who is qualified to speak on the topic.

Mainebiz advances STEM competitions to be held at UMaine

17 May 2016

Josh Plourde, communications manager and IT coordinator at the University of Maine's Advanced Structures and Composites Center, spoke with [Mainebiz](#) about two STEM competitions to be held at the center on May 20 — the Windstorm Challenge and the Maine Wind Blade Challenge. About 300 middle- and high-school students from 40 schools are expected to participate in the challenges, according to the article.

Plant speaks with Mainebiz about craft brewers, hop growers

17 May 2016

Andrew Plant, a professor with the University of Maine Cooperative Extension in Aroostook County, spoke with [Mainebiz](#) for an article about hop growers and craft brewers, and whether they can create a truly Maine beer, with Maine-grown and processed ingredients. The state's 15 to 20 hop growers harvest about 20 to 30 acres combined, Plant said. "We'd probably need 250 acres worth of hops to service the 70 craft breweries," he added. "So we're now at about 10 percent of that." The brewers now import hops from the western United States and elsewhere, partially out of need and partially to get different flavors for their beers, according to the article. One of the challenges Maine and other hop growers face is the cost of entry, which is about \$10,000 to \$20,000 per acre to get started, Plant said. In addition, most malt, which is made primarily from barley but can use other grains like wheat, is imported, the article states. Plant estimates that Maine's brewers import 30 million pounds of malt made from barley each year for the approximately 300,000 barrels of craft beer they produce annually. "If Maine farmers were to fully supply all of the barley for malt being used in the state, they would need to produce 7,500 to 10,000 acres of malt-grade barley," Plant said, which is double to triple the estimated 2,000 to 5,000 acres grown now.

The Daily Signal cites TANF study by Butler

17 May 2016

A 2014 [study](#) by Sandra Butler, a University of Maine social work professor, was cited in [The Daily Signal](#) article, "How Maine's time limit on welfare pushed one woman to pull herself out of poverty." Since Maine reinstated the 60-month lifetime limit for benefits, which took effect in 2012, the number of cases in the state declined 62 percent from 2011 to 2016, according to the Maine Department of Health and Human Services. Butler's study, "TANF Time Limits, One Year Later: How Families are Faring," found 36 percent of TANF households received exemptions. The study, which was conducted with Maine Equal Justice Partners, followed 13 families who left TANF after 60 months. According to the research, 31 percent of the 13 interviewed were employed or had a member of their household who was employed after losing their TANF benefits, an increase of 7 percentage points, but more than half of the families surveyed didn't include an employed adult. Nearly one-third of the families in the study lost their houses after their TANF eligibility ended, according to the article.

Dagher quoted in Bloomberg article on oil industry, offshore wind farms

17 May 2016

Habib Dagher, executive director of the University of Maine's Advanced Structures and Composites Center which is developing offshore wind technology, was quoted in the [Bloomberg](#) article, "The oil industry can teach offshore wind farms how to stay afloat." Floating turbine foundations cost about eight times more than seafloor-based supports for their conventional counterparts, according to the article. But they can be reused to support replacement turbines when old ones reach the end of their quarter-century life span, the article states. "Every 20 or 25 years, no matter what you do, you have to replace the turbine," Dagher said. Since the biggest expenses of offshore wind projects are foundations and associated infrastructure, floating designs that allow reuse of those expensive structures are more cost-effective, Bloomberg reported.

Science of brewing course featured in Mainebiz

17 May 2016

[Mainebiz](#) published an article on a science of brewing course being offered by Jason Bolton of University of Maine Cooperative Extension and Brian Perkins of the School of Food and Agriculture. They developed FSN FSN 121 Brewing with Food Science three years ago. The undergraduate course is so popular that enrollment is capped at 80 students per semester, according to the article, and several students who have taken the class now work in Maine breweries. Beyond the course, Bolton, Perkins and graduate student Brian Martyniak are studying yeasts and innovative sour beers through collaborations with Maine breweries, including Allagash in Portland, Orono Brewing Co. and Black Bear Brewery, also in Orono, the article states. Perkins said most of the focus of the advanced research is on problem solving and R&D. For example, at UMaine's Highmoor Farm in Monmouth, researchers are looking at the attributes of hops and the viability of hop varieties grown in Maine's climate conditions. Perkins also is working to identify and count the individual acids produced by the hops, Mainebiz reported.

College of Liberal Arts and Sciences debuts new website

18 May 2016

The [College of Liberal Arts and Sciences](#) has upgraded to the university's new website template. The [University of Maine Diversity Leadership Institute](#), [Maine Food and Agriculture Center](#), [Leadership Studies](#), [Peer Relations Lab](#) and [Leslie Lab: Marine Conservation Science](#) also recently upgraded. The new umaine.edu and related pages debuted in summer 2015. For more information on the UMaine website conversion, contact Mike Kirby at mike.kirby@maine.edu or 581.3744.

Learn to illustrate natural science at DMC workshop

18 May 2016

Register by June 1 for the Natural Science Illustration Workshop held July 11–15 at the University of Maine Darling Marine Center in Walpole. The workshop is for people who want to illustrate a natural history journal with sketches or watercolor, hone skills and talents to create scientifically accurate drawings, or plan to bring art and science into their classroom. Participants will draw live specimens collected along the DMC waterfront. Instructor David Wheeler also will bring an extensive collection of shells, bones and artifacts. Prior art training is not required. Cost of the five-day workshop is \$400. Room and board at the DMC are available for an additional fee. More information and registration is available [online](#) or by calling 563.8220.

UMaine Extension video series continues with focus on Stoneheart Farm in South Paris

18 May 2016

University of Maine Cooperative Extension has released the second installment of "Growing Maine," a series of short documentaries highlighting Maine food producers and farm families. The second [video](#) in the series tells the story of Doreen and John Simmons of Stoneheart Farm in South Paris, and two invaluable members of their farm family — border collies Gwen and Bea. Without the dogs, the farmers say they could not do what they do. The "Growing Maine" video series helps consumers get to know their food sources better, as farmers and producers share their behind-the-scenes perspectives. For those aspiring to farm, the videos are a way to hear directly from farmers and producers about what is most important to them. UMaine Extension helps support and grow the food-based economy statewide, and is the only entity that touches every aspect of the Maine Food System, where policy, research, education, production, processing, commerce, nutrition, and food security and safety are integral and interrelated. Videos in the series can be viewed [online](#). Viewers also have the opportunity to suggest story ideas for videos that will be released throughout the year. For more information contact Leslie Forstadt, 207.581.3487, leslie.forstadt@maine.edu.

Fosters.com advances college planning workshop in Springvale

18 May 2016

[Fosters.com](#) reported the Maine Educational Opportunity Center (MEOC) will host a free workshop, "Essentials of College Planning," at the Springvale Career Center at 10 a.m. on Monday, June 6, 13 and 27. The workshop is intended

for adults ages 19 and older. MEOC is funded by the U.S. Department of Education and helps qualified adults make the transition toward a college education, according to the article. MEOC, which is housed at the University of Maine, provides assistance to adults living in Maine and helps them attend the college or university of their choice. More information and registration is [online](#).

BDN cites UMaine drone use policy in report on MPA ban

18 May 2016

The University of Maine's drone use policy was included in a [Bangor Daily News](#) article about the Maine Principals' Association joining a growing number of state organizations around the country that have adopted prohibitions on unmanned aerial systems, or drones, at their athletic events. MPA general membership approved at its recent spring conference a policy that prohibits the use of drones at its sponsored events, such as championship games in all varsity sports, according to the article. UMaine reviews requests for drone use on its property on a case-by-case basis and then only permits uses that are authorized by the U.S. Federal Aviation Administration for specific educational and research purposes, the article states. The [Maine Public Broadcasting Network](#) also carried the BDN report.

UMaine Extension part of York County group aiming to combat hunger, media report

18 May 2016

The [Portland Press Herald](#) and [Fosters.com](#) reported the York County Commissioners have launched a joint venture with a coalition of nonprofits to replace assistance to food-insecure families lost when York County Food Rescue abruptly shut down. The group, Partners for a Hunger-Free York County, will occupy the same county-owned space as the former Food Rescue and support an array of food-related programs for county residents, according to the Press Herald. The venture will start in early June, with a primary goal of providing increased access to fresh, healthy foods for people in York County, the article states. Partners for a Hunger-Free York County was founded in 2011 and its members include Partners for Healthier Communities, United Way of York County, University of Maine Cooperative Extension, York Community Service Association, York County Community Action, the Donald H. Gean Center for Human Services, farmers, gardeners and nutrition educators.

DNA India quotes Wu in article on health benefits of blueberries

18 May 2016

Vivian Chi-Hua Wu, a professor of microbiology and food safety at the University of Maine, was quoted in a [DNA India](#) article that listed seven health benefits of blueberries. One of the listed benefits of the superfood is that it improves digestion. "Addition of wild blueberries to diet can alter the balance of gut microbe in favor of members of the Actinobacteria phylum," said Wu, whose research found the berries can stimulate growth of good bacteria and their soluble and insoluble fibers help regulate the gastrointestinal tract, according to the article.

Parks, Recreation and Tourism students to restore trails on Mount Desert Island

18 May 2016

One dozen University of Maine students in the Parks, Recreation and Tourism program in the School of Forest Resources ditched the classroom for a camp on Mount Desert Island May 16–20. The intensive one-week course, now in its second year, provides students field experience and an opportunity to meet professionals working in the parks, recreation and tourism industries. "There are many potential career areas in the parks and recreation field and this helps confirm the direction some are heading from law enforcement to park management, or nature-based tourism. It is a great networking opportunity for students, and they get to see principles discussed in class applied in the field," says John Daigle, an associate professor of forest recreation management. The students will spend Thursday morning restoring trails near the Schoodic Woods Campground.

Elias focuses on factors affecting spread of deer ticks, diseases

19 May 2016

With the arrival of spring, many Mainers head outside to hike, mow lawns, picnic, and garden. But working and playing outdoors can bring people in contact with deer ticks and tick-borne diseases, including Lyme disease. “Maine in 2014 had the highest incidence of Lyme disease of all the states in the country,” says Susan Elias, a doctoral student at the University of Maine Climate Change Institute. Midcoast Maine and islands were hardest hit, she says, adding, “We’ve got to get this figured out.” To help do that, Elias is studying deer ticks and their spread across Maine. She uses data sets and software that simultaneously take into account numerous variables and indicate the relative importance of each. In addition to milder winters and sufficient moisture during summers, other factors that affect the spread of ticks and the diseases they carry include deforestation/reforestation, landscaping practices and deer management. “If we just have a better understanding of all the factors taken together, I think we could do a better job of helping people control deer ticks and prevent disease,” she says. That’s good news for Mainers. In the state, deer ticks carry five pathogens known to cause disease in humans, including Lyme disease, says Elias. Lyme disease is a potentially long-term debilitating condition that can include facial-muscle paralysis, pain and weakness in the arms and legs, headaches, poor memory, rapid heartbeat, fever, chills and fatigue. Each year since 2011 in Maine, there have been more than 1,000 confirmed cases of Lyme disease. In 2015, 1,171 confirmed and probable cases of Lyme disease were reported and, according to a January 2016 Maine Centers of Disease Control report to the Legislature, ages of people diagnosed ranged from age 1 to 95. Elias’ modeling results are expected to inform decisions about adaptations and strategies, including whether to invest in tick vaccines, as well as removal of invasive plants and deer management. May is Lyme Disease Awareness Month in Maine and the Maine Center for Disease Control and Prevention recommends the “No Ticks 4 ME” prevention techniques: Using an EPA-approved repellent; wearing protective clothing; doing daily tick checks; and being cautious in tick-infested areas. Lyme disease is treated with antibiotics; the CDC says it’s easiest to treat in the early stages of illness. People who find ticks on themselves or pets may submit them to [University of Maine Cooperative Extension Tick Identification Lab](#) for testing. Contact: Beth Staples, 207.581.3777

UMaine Intermedia MFA thesis exhibit at Lord Hall

19 May 2016

The University of Maine Intermedia MFA program presents “Without Borders XIII: Play on Worlds,” a free gallery exhibit featuring thesis work by the six members of the 2016 graduating Master of Fine Arts class. A reception, which is open to the public, will be held 5–7 p.m. May 20 at Lord Hall. Ongoing gallery hours are 9 a.m.–4 p.m. Monday through Friday until the show closes July 1. Sarah Hollows and Kris Mason will show the second volume of their collaborative thesis project, an installation using video, sound, sculpture and edible objects. Their work explores bodies, identity and the tensions between public and private spaces; public and private parts; and how, who and what we share. Jennifer Hooper’s work combines text, images, objects and artifacts to document the practice of writing a memoir. An excerpt of her memoir will be available as a take away from her exhibit. Tara Law’s exhibit grows from the theme that we are living in the world but the world is in us. Three of her works will appear in the show: a landscape of prints, a social engagement project, and an outdoor compost sculpture. Matt LeClair creates artist’s multiples to entertain and edify children. For this show, he will share four pieces that play with repetition, commodification and more. Neil Shelley will present a short digital video that demonstrates and explores concepts of identity and how it relates to a successful overall creative practice. More about the exhibit is online. Information about the Intermedia MFA can be found at intermediamfa.org. Lord Hall Gallery is wheelchair accessible.

Media report on UMaine Extension’s latest ‘Growing Maine’ video

19 May 2016

The [Bangor Daily News](#) and Morning Ag Clips reported on the second installment of the University of Maine Cooperative Extension’s “Growing Maine,” a series of short documentaries highlighting Maine food producers and farm families. The second [video](#) in the series tells the story of Doreen and John Simmons of Stoneheart Farm in South Paris, and two invaluable members of their farm family — border collies Gwen and Bea. Without the dogs, the farmers say

they could not do what they do. The “Growing Maine” series helps consumers get to know their food sources better, as farmers and producers share their behind-the-scenes perspectives. For those aspiring to farm, the videos are a way to hear directly from farmers and producers about what is most important to them.

Griffin Dill cited in AP article on ticks carrying Lyme disease in New England

19 May 2016

Griffin Dill, coordinator of the tick ID program at the University of Maine Cooperative Extension, was cited in an Associated Press article about the prevalence of ticks that carry Lyme disease in New England. The pests have reached into northern Maine and are increasing in Vermont, where the state’s entomologist expects cases of the disease to continue to rise and the insects to inhabit new areas, according to the article. Vermont, Maine and New Hampshire are among 17 states with high-risk counties for Lyme disease. The reasons for the increase in populations are varied: climatic factors, land development patterns and hosts like deer and rodents, the article states. Dill said deer ticks are the most commonly encountered ticks by people in Maine. Chicago Tribune, [Portland Press Herald](#) and Lexington Herald-Leader carried the AP report.

Videos, images from Commencement 2016 available online

19 May 2016

The University of Maine’s Commencement 2016 [website](#) has been updated to include full-length videos and images from both the morning and afternoon ceremonies, as well as the Graduate Student and Faculty Recognition Ceremony.

Cohen Institute offering weeklong travel course to Washington, D.C.

20 May 2016

The William S. Cohen Institute for Leadership & Public Service at the University of Maine is sponsoring a weeklong travel course to Washington, D.C. that focuses on “Leadership in Chaotic Times.” The experience aims to develop hands-on, advanced leadership skills for the 21st century — a time of dramatic and unpredictable change. From May 15–21, 13 UMaine students from a variety of majors will meet with several high-level leaders in government, international affairs, nonprofits, business, the military and the media, including U.S. Sen. Susan Collins and former U.S. Secretary of Defense William S. Cohen. The course includes tours and visits to landmarks including the U.S. Capitol, Ford’s Theater and the Embassy of New Zealand, as well as companies such as CBS Washington Bureau and the Microsoft Innovation & Policy Center. The course (LDR 350/POS 359) is offered for credit in both the Leadership Studies program and Political Science Department. Students, who were selected on a competitive basis, are expected to keep a journal documenting the trip and submit a final portfolio after they return. This is the first travel course being offered by the Cohen Institute. It was organized with support from the institute’s Board of Advisors and The Cohen Group in Washington. The Board of Advisors is chaired by Peter Madigan ’81, who played a major role in developing the course.

Historian to present lecture on modern architecture in America, Japan

20 May 2016

Gregory Clancey, an associate professor of history at the National University of Singapore, will speak about the rise of modern architecture in the early-to-mid-20th century in the United States and Japan. Clancey, who was born and raised in Bangor, Maine, will present “How Architects Became Modern in America and Japan,” at 11 a.m. Tuesday, May 24 in Colvin Hall, Room 107. The lecture is co-sponsored by the Honors College and the University of Maine Humanities Center. In addition to being a stunning aesthetic development, the rise of modern architecture was an important social, political and cultural phenomenon which historians have yet to fully explore, according to Clancey. Through his research for a current book project, Clancey hopes to better understand what modernism in the United States and Japan intended, what it achieved, and how and why its ambitions reached a limit. At the National University of Singapore, Clancey also leads the Asia Research Institute’s Science, Technology and Society Cluster. He received a Ph.D. in the

historical and social study of science and technology from the Massachusetts Institute of Technology, and has been a visiting scholar at the University of Tokyo, Nagasaki University and the Royal Institute of Technology in Stockholm. His book “Earthquake Nation: The Cultural Politics of Japanese Seismicity, 1868–1930,” won the Sidney Edelstein Prize from the Society for the History of Technology. Clancey also is the 2012 recipient of the Morison Prize from MIT.

Daily Bulldog reports on student’s research on spread of ticks, diseases

20 May 2016

[Daily Bulldog](#) published a University of Maine news release about research being conducted by Susan Elias, a doctoral student at UMaine’s Climate Change Institute. Elias is studying deer ticks and their spread across Maine. “Maine in 2014 had the highest incidence of Lyme disease of all the states in the country,” Elias said. The Midcoast and islands were hardest hit, she said, adding, “We’ve got to get this figured out.” She uses data sets and software that simultaneously take into account variables and indicate the relative importance of each. In addition to milder winters and sufficient moisture during summers, other factors that affect the spread of ticks and the diseases they carry include deforestation/reforestation, landscaping practices and deer management, according to Elias.

Flagship Match praised in BDN editorial

20 May 2016

The [Bangor Daily News](#) published the editorial, “Flagship Match gives UMaine a leg up, solves a piece of Maine’s workforce problem,” which praises one of the University of Maine’s latest admissions initiatives. The Flagship Match program allows qualified students from Massachusetts, Connecticut, Vermont, Pennsylvania, New Hampshire and New Jersey to pay the same tuition and fees to attend UMaine as they would to attend their own state’s flagship campus. As of May 1, 2,447 first-year students had committed to attending UMaine, compared with 2,012 at the same time last year. Of those, 1,123 are from outside Maine, with about 79 percent from the six northeastern states targeted by Flagship Match, the editorial states.

BDN interviews Griffin Dill about tick precautions

20 May 2016

Griffin Dill, coordinator of the tick ID program at the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for the article, “Are ticks keeping kids indoors? Maine schools help educate families about Lyme, other tick-borne diseases.” Last year, 1,200 probable and confirmed cases of Lyme disease were reported to the Maine Center for Disease Control and Prevention by residents from all 16 counties in Maine, with the highest rate of cases among school-aged children, according to the article. Dill said the UMaine Tick ID Lab receives a lot of ticks from parents and has gotten calls from school officials who are concerned about ticks near their playgrounds. Currently, the UMaine Tick ID Lab only identifies the species of a tick, the article states. However, the university is in the process of building a new facility where researchers will also be able to test whether or not a tick is carrying a certain disease. This new lab is scheduled to open sometime next year, according to Dill. “We don’t want people to be afraid,” Dill said. “The big thing that people need to do is just getting in the habit of performing tick checks after being outside.”

Hundreds of students to compete in STEM challenges at UMaine, AP reports

20 May 2016

The Associated Press reported hundreds of students will visit the University of Maine Advanced Structures and Composites Center on May 20 to compete in the Windstorm Challenge and the 8th annual Maine Wind Blade Challenge. The competitions are for middle- and high-school students. Winning team members will be offered internships with the center if they enroll at UMaine, according to the report. The Windstorm Challenge includes a turbine platform competition while the Maine Wind Blade Challenge brings together teams of students with composites companies to construct functional sets of wind blades, the article states. Habib Dagher, executive director of the UMaine

Composites Center, said the competitions will inspire future engineers, scientists and business leaders. Sun Journal, Daily Journal and [Seacoast Online](#) carried the AP report.

Jim Dill speaks with WLBZ about black fly season

20 May 2016

Jim Dill, a pest management specialist with University of Maine Cooperative, spoke with [WLBZ](#) (Channel 2) about black fly season in Maine. Dill said the amount of black flies varies by location, and that there tends to be more flies near streams, rivers or other fresh bodies of water. If bug spray doesn't help keep the pests away, Dill suggests wearing a hard hat covered in baby oil while doing outdoor activities such as gardening. The flies are attracted to the reflection and end up getting stuck in the oil, according to the report.

Parks, Recreation and Tourism students restore MDI trails, media report

20 May 2016

[WLBZ](#) (Channel 2) and [WABI](#) (Channel 5) reported on an intensive one-week course for University of Maine students in the Parks, Recreation and Tourism program. One dozen students took part in the field experience on Mount Desert Island May 16–20, which included restoring trails near the Schoodic Woods Campground. “The environment is a really important thing for our generation to appreciate, and I really want to help spread that knowledge and awareness to the next generation,” UMaine senior Elise Goplerud told WLBZ. “Getting real experience, seeing what we might actually be doing someday, is really exciting,” senior Ian Hathaway told WABI.

Oklahoma State tosses Black Bears from NCAA Regional

23 May 2016

Oklahoma State bounced the University of Maine softball squad from the double-elimination Athens Regional 10-1 on Saturday after No. 16 Georgia bested the Black Bears 6-0 Friday. UMaine, the America East champion, finished the season 28-21. The squad's lone senior, catcher Janelle Bouchard, capped off her career with two hits and an RBI — which was UMaine's first-ever run in NCAA Regional action. Bouchard was the league Player of the Year and a National Fastpitch Coaches Association All-Northeast Region Third Team selection. Erika Leonard and Alyssa Derrick, the AE Rookie of the Year, also had hits for UMaine. The Black Bears scored their run in the bottom of the fourth. Leonard began the rally with a bloop single to right to break up Oklahoma State's no-hit bid. Rachel Carlson moved Leonard to second with a sacrifice bunt and Bouchard plated her with an RBI single to center. Sophomores Molly Flowers and Annie Kennedy and junior Erin Bogdanovich — the league Pitcher of Year, Tournament Most Outstanding Player and National Fastpitch Coaches Association All-Northeast Region Third Team selection — all threw for UMaine. Game highlights are [online](#). Friday, the host Bulldogs scored two runs in the first inning and went on to blank UMaine 6-0. Felicia Lennon, Carlson, Bouchard, Rachel Harvey and Maddie Decker all hit safely for the Black Bears. Bogdanovich allowed six runs (five earned) on nine hits. She fanned four and walked four. Game highlights are [online](#). Sunday, Georgia advanced to an NCAA Super Regional with a 6-0 win over Oklahoma State. The Bulldogs will play No. 1 and two-time defending national champion Florida.

Law enforcement leadership training to be offered at UMaine with trip to Gettysburg

23 May 2016

The William S. Cohen Institute for Leadership & Public Service at the University of Maine is sponsoring a weeklong leadership symposium for Maine law enforcement officials. About 25 law enforcement officers from local, county, state and federal agencies are expected to take part in the symposium May 23–27. The seminar will include leadership lessons on campus, as well as in Gettysburg, Pennsylvania. The course will provide expert training on leadership, unified command, ethics and best practices. It will center around leadership lessons from Joshua Chamberlain and will include war-game simulations of the Battle of Gettysburg. The symposium aims to foster collaborative relationships among the officials that may be useful during future crisis response efforts in the state. On Monday, participants will

attend training at the Wells Conference Center on campus, as well as the ropes course behind the New Balance Student Recreation Center. Tuesday through Thursday will be spent in Gettysburg where officers will spend a full day on the battlefield. The symposium will end back on campus Friday with final presentations in Wells. Upon completion of the training, law enforcement officers will become Joshua Chamberlain Fellows. Participants are expected to graduate with new ideas, operational understanding and a professional network that will contribute to their leadership philosophy and commitment to public service. The Maine Law Enforcement Leadership Symposium is being offered for the first time by the Cohen Institute with support from Maine Emergency Management Agency and LexisNexis.

Clean Sweep Sale to be held May 27–28 in York Commons

23 May 2016

The University of Maine will hold the annual Clean Sweep Sale 11 a.m.–6 p.m. Friday, May 27 and 8 a.m.–2 p.m. Saturday, May 28 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 be used to support programs and services offered through UMaine's Bodwell Center for Service and Volunteerism, including the Black Bear Exchange, Welcome Weekend Day of Service and the MLK Day of Service meal-packing event. For more information, call the Bodwell Center at 581.3091.

Six athletes to be inducted into UMaine Sports Hall of Fame, media report

23 May 2016

The [Bangor Daily News](#) reported six former Black Bear standouts will be inducted in the 2016 class of the University of Maine Sports Hall of Fame. Inductees are quarterback Jake Eaton, baseball player Andy Hartung, field hockey star Margaret Henrick, wrestling figure and journalist Bob McPhee, track and field standout Johanna Riley and soccer player Edward "Ted" Woodbrey Jr., who will be inducted posthumously, according to the BDN. The group will be honored during a banquet and awards ceremony Sept. 30. [Sun Journal](#), WABI (Channel 5) and WVII (Channel 7) also reported on the inductees.

Brewer, Palmer speak with MPBN for report on LePage's town halls

23 May 2016

Mark Brewer, a political science professor at the University of Maine, and Kenneth Palmer, a professor emeritus of political science at UMaine, spoke with the [Maine Public Broadcasting Network](#) for the report, "LePage's town halls: Helping or hurting his agenda?" Gov. Paul LePage has held more than 30 town hall meetings since winning re-election in 2014, according to the report. He touts the forums as his chance to take his message to the Maine people, and also is increasingly using the events to urge voters to select legislators more willing to endorse his agenda, the report states. Palmer said LePage is at his best in front of a crowd, but, "I don't necessarily think that it means he's going to be able to elect more Republicans in the 2016 election." Brewer also questions whether the forums will help LePage achieve his goal, MPBN reported, but says the governor has a lot riding on the election and his legacy, and the forums could help mobilize his core supporters. "If the governor is inserting himself into this (election) cycle and you're a LePage supporter, you might say, 'Well, you know what, if this is important enough for the governor, then maybe it's important enough for me to get involved, too,'" Brewer says. "So, I think it's a smart move on his part."

Media cover STEM challenges at UMaine Composites Center

23 May 2016

The [Bangor Daily News](#), WABI (Channel 5), WLBZ (Channel 2), [Mainebiz](#) and [ENR](#) (Engineering News-Record) reported on two STEM challenges that were held at the University of Maine Advanced Structures and Composites Center on May 20. Around 300 middle and high school students from around the state took part in the Windstorm Challenge and the 8th annual Maine Wind Blade Challenge. Members of the winning teams in each challenge will be

offered paid internships at the UMaine Composites Center if they enroll at UMaine, according to the BDN. “This has kind of opened my eyes to what I could do in the future,” Sage Dubay, a Caribou Middle School student told WABI. The Windstorm Challenge includes a turbine platform competition while the Maine Wind Blade Challenge brings together teams of students with composites companies to construct functional sets of wind blades. For the first time, both challenges were held under the same roof, at the new Harold Alfond W2 Ocean Engineering Lab. “We’re confident that some of the best future engineers, scientists and entrepreneurial leaders were here today, and our goal is to inspire them with opportunities in our state,” Habib Dagher, executive director of the UMaine Composites Center, told the BDN. A team from Falmouth High School won the Windstorm Challenge and students from Bangor High School won the Maine Wind Blade Challenge, according to [JEC Composites](#) and [CompositesWorld](#).

BDN interviews Moran about using dwarf trees to grow more fruit in Maine

23 May 2016

Renae Moran, a tree fruit specialist with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for the article, “Can Maine grow more fruit with smaller trees?” Moran, who works at UMaine Extension’s Highmoor Farm in Monmouth, has been running an experiment as part of a national project studying cold hardiness in dwarf trees, which are small, bear fruit early and live relatively short lives, according to the article. Dwarf trees work well for home gardeners and farms that want small trees that fruit soon, but they struggle with the cold. Traditional, full-sized trees take up to a decade to fruit, but offer cold hardiness and last for decades, the article states. “People tell me, ‘You can’t plant dwarf trees in The County, they’ll die,’” Moran said. “We’re going to find out.”

AP reports on East Coast saltmarsh sparrow research

23 May 2016

The Associated Press reported on a recent study on saltmarsh sparrows conducted by a team of researchers including Brian Olsen, a professor of biology and ecology at the University of Maine. Scientists from several universities and agencies say the saltmarsh sparrow is disappearing from the East Coast and could be headed for extinction in as little as 50 years, according to the report. The study, which is part of a five-plus-year project of the Saltmarsh Habitat & Avian Research Program (SHARP), found eight out of every 10 of the birds has disappeared in the last 15 years, the report states. According to Olsen, coastal construction and sea-level rise have hurt the birds. “We’re watching a species in incredibly rapid decline,” Olsen said. “The saltmarsh sparrow is especially sensitive to changes in the tidal marsh.” [Sci-Tech Today](#), [The Seattle Times](#), The Mercury News, [New Haven Register](#), Maine Public Broadcasting Network, WLBZ (Channel 2) and [Portland Press Herald](#) carried the AP report. [Rivet Radio](#) also reported on the research.

Sustainability the focus of daylong workshop for UMaine employees

24 May 2016

A free, interactive professional development workshop for University of Maine employees on sustainability will be held 8:30 a.m.-4 p.m., June 1 in Wells Conference Center. The workshop will be led by Jaimie Cloud, founder and president of the Cloud Institute for Sustainability Education in New York City. The Cloud Institute is dedicated to the vital role of education in creating awareness, fostering commitment, and guiding actions toward a healthy, secure and sustainable future for ourselves and for future generations. UMaine's daylong session will include breakfast and lunch featuring locally sourced foods. Registration for the workshop is [online](#).

Old Town High School students to present research as part of UMaine collaboration

24 May 2016

Old Town High School students will showcase research on a marine worm that is causing problems for oyster farmers in the state and around the world at a May 25 presentation at the University of Maine. Starting at noon in Norman Smith Hall, Room 107, four underclassmen will each share a slide show on the research they conducted as part of a collaborative research course taught by Old Town science teacher Ed Lindsey in partnership with UMaine. Over the last

four years, Old Town students have worked with Paul Rawson and Sara Lindsay, professors at UMaine's School of Marine Sciences, to study the ecology of a marine worm that negatively affects oyster aquaculture, a growing industry in Maine, according to Lindsey. The worm, *Polydora websteri*, is harmful to the industry because it can leave unsightly blisters in the oyster shell. The project began with a proposal from the UMaine researchers suggesting the high school students conduct citizen science to measure worm prevalence and reproduction in different estuaries. The researchers and students have worked with Jesse Leach and Eric Moran, who raise oysters on the Bagaduce River in Penobscot. The next phase of the project, according to Lindsey, is to compile new knowledge about the worm's behaviors in the adult and larval phases of life, and to make ecological inferences that are specific to different estuaries. In addition to the marine worm study, Lindsey's students have for several years worked with researchers including Sarah Nelson, a scientist in the UMaine School of Forest Resources, and Bill Zoellick of the Schoodic Education and Research Center (SERC) Institute. The students worked with the researchers through Acadia Learning, a collaboration led by UMaine and the Schoodic Institute. The program brings scientists, teachers and students together to conduct useful research and effective science education through a model of inquiry-based education. Since Nelson and Zoellick started Acadia Learning in 2007, it has involved 37 teachers and more than 2,500 students in Maine, New Hampshire and Vermont. Through that partnership, the Old Town students conducted research using dragonfly larvae as bio-sentinels for mercury bioaccumulation in wetlands, streams and lakes in the Northeast. The students also helped develop field methods that could be used effectively by citizen scientists. The dragonfly mercury research project, led by Nelson, is now a collaboration among UMaine, the U.S. Geological Survey (USGS) and National Park Service. The project engages citizen scientists such as students and visitors in national parks to collect dragonfly larvae from sampling sites. The nymphs collected from about 60 national parks are being sent to UMaine, USGS and Dartmouth College laboratories for analysis.

International sustainability conference to feature four free keynote addresses

24 May 2016

The Second International Conference of the Sustainable Consumption Research and Action Initiative, June 15–17 at the University of Maine, will feature four keynote addresses by international experts. The presentations are free and open to the public. The Sustainable Consumption Research and Action Initiative (SCORAI) is an international network of scholars and practitioners focused on furthering understanding of the drivers of the consumerist economy in technological societies. Its mission includes formulating and analyzing options for post-consumerist lifestyles, social institutions and economic systems; and providing knowledge for emergent grassroots innovations, social movements and public policies. All the public addresses at the UMaine conference, presented by SCORAI members, will be held in Wells Conference Center:

- “To Transform Consumption, Throw Out the Modernist Concept of Human Nature,” by John Ehrenfeld, editor of the Journal of Industrial Ecology, and former executive director of the International Society for Industrial Ecology and former director of the Program on Technology, Business, and Environment at the Massachusetts Institute of Technology; 1 p.m. June 15.
- “Political Ecological Economics,” by Giorgos Kallis, an ecological economist, political ecologist and professor at the Institute of Environmental Science and Technology in Barcelona, Spain; coordinator of the European Network of Political Ecology and editor of the book, “Degrowth: A Vocabulary for a New Era;” 9 a.m. June 16.
- “Getting Serious About Urban Sustainability,” by William Rees, a bio-ecologist, ecological economist and professor emeritus of the School of Community and Regional Planning at the University of British Columbia; 1:30 p.m. June 16.
- “Implementing Sustainable Consumption: The Science Policy Interface,” by Lucia Reisch, a professor of consumer behavior and policy at the Copenhagen Business School, editor of the Journal of Consumer Policy; member of the German Council for Sustainable Development, consulting the German Chancellery, and chair of the National Council of Advisors on Consumer Issues; 9 a.m. June 17.

For more information, contact Cindy Isenhour, assistant professor of anthropology, cynthia.isenhour@maine.edu. Conference organizers collaborated with UMaine Conference Services to plan the event.

Bayer speaks about lobsters on ‘Breakthrough Entertainment’ radio show in Phoenix

24 May 2016

Bob Bayer, executive director of the Lobster Institute at the University of Maine, was a recent guest on “[Breakthrough Entertainment](#),” a radio show on KPHX 1480 AM in Phoenix, Arizona. Bayer spoke about lobsters, covering a variety of topics including levels of intelligence, claw strength and cannibalism.

VEMI Lab featured on WABI report on virtual reality in Maine

24 May 2016

The University of Maine’s Virtual Environment and Multimodal Interaction (VEMI) Laboratory was featured on the WABI (Channel 5) segment, “Virtual Reality in Maine: Part 1.” Students and faculty at the lab, which is the only research facility of its kind in Maine, are using virtual reality in research that may lead to the development of technologies that make everyday life easier, improves access to information, and assists blind and visually impaired people, according to the report. “The VEMI Lab uses virtual and augmented reality as a tool, as a testing tool to study some of the areas that we’re looking at,” said Rick Corey, director of operations at the lab. Much of the research at VEMI is focused on navigation and spatial awareness, and students are designing programs to study topics including aging and macular degeneration, WABI reported. “It is a great thing for the state of Maine to be able to move into this new advanced technology and this new emerging technology that comes forward,” Corey said.

AP, Press Herald report on grant awarded to track diseased lobsters

24 May 2016

The Associated Press and the [Portland Press Herald](#) reported the Maine Department of Marine Resources awarded more than \$127,000 for a lobster shell study led by University of Maine researchers. The grant will aid the development of the project, “A Proactive Approach to Addressing Lobster Health in the Context of a Changing Ecosystem,” which will look at how changes in the ocean can affect lobster reproduction and the animal’s susceptibility to disease, according to the AP. UMaine will create a rapid response team to collect and evaluate sick lobsters harvested in state waters, Deborah Bouchard, who manages the UMaine Animal Health Laboratory and coordinates research at the Aquaculture Research Institute, told the Press Herald. “We want to get the word out to call us anytime that a lobsterman sees something in their traps that’s not right,” Bouchard said. “For years, all the dollars for this kind of thing went southward, where the highest incidence of shell disease was, but now we are seeing funding to study what’s happening right here. Even though it’s not prevalent in Maine waters now, we need to know what’s creeping up the shoreline.” The new UMaine study will be the only real-time study of shell disease in state waters, and will flesh out the state’s statistical research to date, the Press Herald reported. [Fosters.com](#) and SF Gate carried the AP report. [World Fishing & Aquaculture](#) and WLBZ (Channel 2) also reported on the research.

Liz Wood finalist for America East Woman of the Year

24 May 2016

Liz Wood is a finalist for the 2016 America East Woman of the Year award, as announced by the league Monday, May 23. The winner will be unveiled Tuesday, June 7, at the annual conference meeting in Burlington, Vermont. The winner’s name will be forwarded to the NCAA Woman of the Year selection committee. Wood, who was recently named the Outstanding Graduating Student in the College of Natural Sciences, Forestry, and Agriculture, graduated May 14 with a degree in biology, pre-med concentration, and a minor in chemistry. Athletically, Wood was a three-time America East all-conference selection and completed her career with the Black Bears ranked sixth all-time in UMaine history in scoring (1,462), sixth in rebounding (902) and eighth in assists (363). Her numerous academic and athletic awards include the America East Elite 18 Award, America East Female Scholar-Athlete of the Year, 2015 Dean Smith Award and CoSIDA Academic All-American. Wood has served as president of the UMaine Student-Athlete Advisory Committee and as the America East Conference representative on the Division I Student-Athlete Advisory Committee. To be nominated, student-athletes must have completed intercollegiate eligibility in their primary sport by the end of the 2016 spring season or earned their undergraduate degree prior to the conclusion of the summer 2016 term and have a

minimum cumulative grade-point average of 2.5 on a 4.0 scale. The selection committee will choose the top 10 winners in each NCAA division (I, II and III). From those 30 honorees, the committee will determine the top three in each division. Members of the NCAA Committee on Women's Athletics then will vote from among the top nine to determine the 2016 NCAA Woman of the Year.

Skylar Bayer dishes on seafood in TEDx talk

24 May 2016

Fish come from other fish. But understanding *how* fish reproduce, their habitat and how to care for them need to be valued if fishing is to continue in future generations. In Skylar Bayer's humorous TEDxPiscataquaRiver talk titled "[Why the Sex Lives of our Seafood Matter](#)," she discusses three iconic New England seafood species — Atlantic cod, American lobster and giant sea scallop. The fifth-year Ph.D. candidate in marine biology in the University of Maine School of Marine Sciences is based at the Darling Marine Center in Walpole, Maine. For her doctorate, Bayer examines the fertilization ecology of the giant sea scallop under the advisement of Richard Wahle. In 2015, she received an Outstanding Service Award from the College of Natural Sciences, Forestry, and Agriculture for her work as a teaching assistant, in the local community, her science communication and research. The recipient of the Janet Waldron Doctoral Research Fellowship can be followed on Twitter [@strectlyfishwrap](#).

Franco-American Centre forum to focus on publishing family's genealogy

25 May 2016

The Franco-American Centre at the University of Maine will host a presentation and discussion on how to publish a family's genealogy on Saturday, June 18. "Exploring the Possibility of Publishing your Family's Story," will be held from 10 a.m.–noon at Crossland Hall. Participants will learn about the different ways to publish their family's unique history from professional editor and author Denise Larson. Larson has worked at the American Foreign Service Association and in international sales, legislative research, library services, journalism and — for the past decade — writing, editing and publishing. Her publications include "Companions of Champlain: Founding Families of Quebec, 1608–1635," research guides for Genealogical Publishing Co., and numerous articles about history and genealogy for both online and traditional publishers, including Le FORUM. Discussions will focus on various forms of publishing, including self, online, collaborative and traditional. The program is free and open to the public. To register or for more information, contact Lisa Michaud at lisa.michaud@umit.maine.edu or 581.3789. A limited number of seats is available.

BDN publishes op-ed by Butler, Schreiber

25 May 2016

The [Bangor Daily News](#) published the opinion piece "How a welfare fraud crowd pleaser actually inflicts real damage" by University of Maine professors Sandra Butler and Holly Schreiber. Butler, a professor of social work, and Schreiber, a professor of communication, are members 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 Museum of Art seeks designers for fashion challenge, WVII reports

25 May 2016

[WVII](#) (Channel 7) reported the University of Maine Museum of Art is seeking designers to take part in a fashion challenge, similar to the Bravo TV show, "Project Runway." The competition calls for each team — a designer and model — to create and display two outfits on the runway that were inspired by works displayed at the museum, according to the report. "You can make it out of any material that you want," said Kat Johnson, UMMA education coordinator. "As long as it stays on the model and looks great, it's innovative, creative and inspired by the work of art in the gallery or the permanent collection." The fashion show and dance party is scheduled for July 23 in the museum's

sculpture garden, the report states.

Caccese speaks with WABI about concussion testing at AMC

25 May 2016

Vince Caccese, a mechanical engineering professor at the University of Maine, spoke with WABI (Channel 5) about concussion testing being conducted at the Advanced Biomechanics Lab for Injury Reduction and Rehabilitation in UMaine's Advanced Manufacturing Center (AMC). UMaine researchers, including Caccese, are testing shock-absorbing material Winthrop-based company Alba-Technic developed to shield the brain from injury. The company is one of five winners to garner a \$250,000 prize in the Head Health Challenge III and advance to compete for the \$500,000 grand prize. The challenge is a collaboration of the NFL, Under Armour, GE and the U.S. Department of Commerce's National Institute of Standards and Technology. "If you have a collision sport, you're probably never going to take all the concussions out of the games, but if you can minimize them to a great extent, that would be very helpful," Caccese said.

BBC News quotes Bayer in report on blue lobsters

25 May 2016

Bob Bayer, executive director of the Lobster Institute at the University of Maine, spoke with [BBC News](#) for the magazine article, "How rare are bright blue lobsters?" Two fishermen off the coast of Nova Scotia made the news for catching two vivid blue lobsters over the last few days, according to the article. The probability of a blue lobster is widely touted as being one in two million, the report states, with the UMaine Lobster Institute among those to have quoted these odds in the past. Bayer said the numbers are more of a guess because it is impossible to calculate the exact odds. "Whatever the odds of catching different-colored lobsters, there's no denying that bright blue ones are truly beautiful creatures," he said. "They might not be the most unusual, but they are undoubtedly the best to look at." The Lobster Institute odds also were cited by [WPTZ](#) (Channel 5 in Burlington, Vermont), [WFXT](#) (FOX 25 in Boston) and [The Telegraph](#).

Student showcases virtual reality research on WABI

25 May 2016

Toni Kaplan, a University of Maine student who works in the Virtual Environment and Multimodal Interaction (VEMI) Laboratory was featured on the WABI (Channel 5) segment, "Virtual Reality in Maine: Part 2." Kaplan is studying if virtual reality can relieve symptoms of seasonal affective disorder and anxiety. "Seasonal affective disorder is normally treated with bright light therapy and there's a question of whether or not the light needs to make contact with the eyes to facilitate symptom relief or if there's a more psychological component with it as well that this sort of immersion can help," Kaplan said. She is conducting a study where volunteers will sit in front of a light therapy box for 20 minutes while wearing a VR headset, looking at a beach landscape she designed and animated, according to the report. The VEMI Lab also was featured in Part 1 of the series.

Inside Science cites Wittmann, UMaine in article on job preparation for physics majors

25 May 2016

Michael Wittmann, chair of the University of Maine Physics and Astronomy Department and professor of physics, was mentioned in the [Inside Science](#) article, "Preparing physics undergrads for the jobs of the future." According to the article, many universities, including UMaine, are implementing ways to better prepare physics graduates for the workforce. At UMaine, physics students can choose from two different tracks: one in traditional physics and one in engineering physics. Students attend career preparation seminars and are encouraged to pursue nonacademic jobs, the article states. Wittmann said UMaine was the first school to implement such a program several decades ago, and other schools are beginning to follow suit.

UMaine President Susan J. Hunter's appointment extended to 2018

26 May 2016

University of Maine System Chancellor James H. Page announced today that University of Maine President Susan J. Hunter will extend her appointment at the helm of Maine's Flagship Institution through June 30, 2018. A valued member of the Maine University community for nearly three decades, Susan Hunter became the first woman to serve as President of UMaine in July 2014. "President Hunter has set the standard for campus and cooperative leadership as we have worked to serve Maine as One University," said Page. "The advancement of UMaine's statewide mission and the many contributions the flagship is making to our collective efforts to strengthen and extend public higher education for all Maine learners is testimony to President Hunter's leadership and the dedication of her outstanding team." "The Board of Trustees has great respect and appreciation for President Hunter's leadership in Orono and commitment to public service," said UMS Board of Trustee Chair Sam Collins. "We strongly endorse the Chancellor's decision to reappoint President Hunter and look forward to working closely together to serve our students and secure a more prosperous future for Maine." The extension of President Hunter's tenure is endorsed by the University of Maine Board of Visitors, says board chair and alumna Anne Lucey. "President Hunter's vision and leadership are invaluable during this time of significant change for public higher education in Maine," Lucey said. "In the true land grant tradition, President Hunter and her leadership team have succeeded in forging important public and private partnerships statewide to successfully implement UMaine's strategic plan, and make significant contributions to the teaching, research and public engagement mission. "Sue emphasizes that, as president, she works for the people of the state of Maine, and that's what she has resoundingly demonstrated during her tenure at the helm of the state's flagship university," Lucey said. Letters of support for the President's reappointment came to the Board of Trustees from the leadership of Student Government and the Graduate Student Government. UMaine faculty members also praised the decision. "I am delighted to learn that President Hunter is willing to continue to serve UMaine, at the request of the Chancellor and the BOT," said Habib Dagher, Executive Director of UMaine's Advanced Structures and Composites Center. "In a time of change, President Hunter has brought trusted, experienced and inclusive leadership to UMaine. She has built important bridges, both on and off campus, and led UMaine through a historic enrollment growth. She will continue to provide a steady hand on the tiller." Highlights of Hunter's tenure as president include a successful enrollment management campaign, with UMaine expecting to welcome approximately 2,300 new first year students — its largest incoming class in the University's history this fall. An estimated 36 percent of this fall's incoming class heralds from the six states — Vermont, New Hampshire, New Jersey, Connecticut, Massachusetts and Pennsylvania — that were targeted in UMaine's Flagship Match program. Building on the success of its enrollment management initiatives and President Hunter's commitment to collaboration, UMaine and the University of Maine at Machias began working at the start of the current admissions cycle to offer prospective students enrollment at UMM. Currently more than 50 college-ready applicants are expected to be enrolled this fall at UMM. More than 30 of these students are from outside of Maine. The enrollment collaboration with UMM is in keeping with the [primary partnership](#) between the two campuses, aimed at increasing administrative efficiencies, enrollment growth, and enhanced academic opportunities for students and faculty. In addition, UMaine and the University of Southern Maine continue to collaborate on the programming for the Maine Center for Graduate Professional Studies initiative which will ultimately enhance business, law and public policy graduate education in the state. On campus, UMaine has signed a groundbreaking Gift Processing and Advancement Services Agreement with the University of Maine Foundation, effective July 1. The partnership for a unified advancement operation will enhance philanthropy essential for the university's future by providing services to make a difference in gift administration and fundraising. Two of UMaine's most significant private-sector contributions came this past year from the Harold Alfond Foundation — the Stephen E. King Chair in Literature, established with a \$1 million donation; and a \$3.9 million gift to complete the W² Ocean Engineering Laboratory and Advanced Manufacturing Laboratory at the Advanced Structures and Composites Center on campus. The \$13.8 million facility is named in honor of philanthropist Harold Alfond. "Linking the vision and purpose of Maine's only public research university with that of our public- and private-sector partners benefits Maine," said Hunter. "It's a privilege to be collaborating with leaders statewide who value UMaine's distinctions and know that, together, we can help move Maine forward. It's an honor to be president of such a great university, working as a team with the UMaine community." Hunter has been a member of the UMaine community since 1986. She began her full-time career at the University of Maine in 1991 as a faculty member in the Department of Biological Sciences. Her administrative positions at UMaine included chair of the Department of Biological Sciences, and associate provost and dean for undergraduate education. Hunter served five years as executive vice president for academic affairs and provost. Prior to starting her appointment

as UMaine president, Hunter served as vice chancellor for academic affairs for the University of Maine System. Contact: Margaret Nagle, 207.581.3745

Sen. Collins welcomes UMaine students to nation's capital

26 May 2016

U.S. Sen. Susan Collins recently met with University of Maine students enrolled in the “Washington, D.C., Leadership Institute.” The one-week immersive class gave participants the opportunity to meet with leaders in government, the military, business, nonprofits, athletics, education and the arts. “It was a pleasure to meet with this bright and gifted group of students and discuss my work as a U.S. Senator as well as the importance of leadership,” said Sen. Collins. “These students have already demonstrated their strong leadership abilities, and I was delighted to welcome them to our nation’s capital.” During the meeting, Sen. Collins spoke with students about her responsibilities and encouraged them to pursue public service. She also discussed the importance of leadership and her work to effectively represent interests of Maine and the country, including her leadership in brokering a compromise that ended the government shutdown in October 2013. For more information about the William S. Cohen Institute for Leadership & Public Service travel course that focused on “Leadership in Chaotic Times,” visit umaine.edu/news/blog/2016/05/20/cohen-institute-offering-weeklong-travel-course-washington-d-c.

‘Preserve the Harvest’ with UMaine Extension

26 May 2016

Food preservation is the focus of a hands-on University of Maine Cooperative Extension workshop 5:30–8:30 p.m. Tuesday, June 21, at the UMaine Extension office, 138 Pleasant St., Suite 1, Farmington. Kate McCarty, UMaine Extension food preservation community education assistant, will cover the basics of canning and freezing, including how to use hot water bath canners to preserve vegetables. Fresh produce and canning jars will be provided. Participants are asked to bring a pot holder. The \$20 fee includes materials. Registration is online. For more information, or to request a disability accommodation, contact 778.4650, tiffany.wing@maine.edu.

Intermedia MFA thesis exhibit on display in Lord Hall, Maine Edge reports

26 May 2016

[The Maine Edge](#) published a University of Maine news release announcing “Without Borders XIII: Play on Worlds,” a free Lord Hall gallery exhibit presented by UMaine’s Intermedia MFA program. The exhibit, which runs until July 1, features thesis work by the six members of the 2016 graduating Master of Fine Arts class — Sarah Hollows, Kris Mason, Jennifer Hooper, Tara Law, Matt LeClair and Neil Shelley. Lord Hall gallery is open 9 a.m.–4 p.m. Monday through Friday.

Witt, Wertheim speak about healthy lawns, waters on ‘Love Maine Radio’ show

26 May 2016

Amy Witt and Frank Wertheim of the University of Maine Cooperative Extension were recent guests on “[Love Maine Radio](#),” part of Maine Magazine. The episode, “Happy Lawns, Healthy Waters #243” explored the topic of healthy lawns, and their relationship with local waters and the ecosystem. “Without excessive irrigation and excessive fertilizer and pesticide inputs, you can still have a nice lawn,” said Wertheim, an Extension professor of agriculture/horticulture based in York County. Witt, a home horticulturist in Cumberland County, agreed with Wertheim and added “a healthy lawn starts with healthy soil.”

Older adults growing vegetables as part of UMaine research project, BDN reports

26 May 2016

The [Bangor Daily News](#) reported on a University of Maine research project that aims to demonstrate the feasibility and healthy benefits of enabling older adults to raise and eat their own fresh vegetables. According to the article, about a dozen residents at two Brewer Housing Authority sites have signed up for the project that is led by Kelley Strout, assistant professor of nursing at UMaine. Strout says seniors typically consume fewer servings of fresh vegetables per week than recommended, in part because fresh produce is expensive and doesn't keep well. "If you give older adults in subsidized housing the opportunity, will they grow a garden and eat more vegetables?" she asked. "Will they eat a healthier diet and benefit from the physical and social activity?" In collaboration with the UMaine School of Nursing, Food Science and Human Nutrition Program and Cooperative Extension Strout has designed a research project aimed at answering her questions, the article states. Strout says she hopes to use the data gathered from the pilot program and to design and fund a larger-scale project at senior housing facilities across the state.

Wagner, Dill featured in WVII report on coming spruce budworm outbreak

26 May 2016

Robert Wagner, the Henry W. Saunders Distinguished Professor in Forestry at the University of Maine and director of the Cooperative Forestry Research Unit; and Jim Dill, a pest management specialist with the University of Maine Cooperative Extension; spoke with [WVII](#) (Channel 7) for Part I of the report, "The return of the spruce budworm." 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. "The spruce budworm has a large influence on the forest. In every 30 to 60 years it will kill most of the balsam fir stands, which is catastrophic change in the way the forest behaves," said Wagner, a member of the Maine Spruce Budworm Task Force. "What happened following the outbreak was that there were millions of acres of dead and dying trees." Although the insect is not yet killing trees in Maine, defoliation is occurring in Canada, according to the report. "Right at the moment, it is expanding and moving toward the state of Maine, so I would expect right at the moment, if things stay the same, we could expect to see the spruce budworm in Maine," Dill said.

Media report on President Hunter's appointment extension

26 May 2016

The Associated Press, [Bangor Daily News](#), [WABI](#) (Channel 5) and [Mainebiz](#) reported University of Maine President Susan J. Hunter will extend her appointment through June 30, 2018. University of Maine System Chancellor James H. Page made the announcement Thursday. In July 2014, Hunter became the first woman to serve in the position. Hunter has been a member of the UMaine community since 1986. She began her full-time career at UMaine in 1991 as a faculty member in the Department of Biological Sciences. Her administrative positions at UMaine included chair of the Department of Biological Sciences, and associate provost and dean for undergraduate education. Hunter served five years as executive vice president for academic affairs and provost. Prior to starting her appointment as UMaine president, Hunter served as vice chancellor for academic affairs for the University of Maine System. [Daily Journal](#), [The Roanoke Times](#) and [Portland Press Herald](#) carried the AP report.

University of Maine Political Science Department announces first class of Nickerson Scholarship recipients

26 May 2016

The University of Maine Department of Political Science has announced the first awardees of the John M. Nickerson University of Maine Scholarship. The five selected students will each receive close to one year of in-state tuition for the 2016–17 academic year. Each of the students was awarded scholarship support after being chosen by the faculty of the UMaine Political Science Department based upon their overall GPA and faculty evaluations. For the 2016–17 year, the recipients of the John M. Nickerson University of Maine Scholarship are: Isabella DiPhilippo of Scarborough, Allyson Eslin of Bangor, Miranda Roberts of Hermon, Jaymi Thibault of Lisbon and Madison Waterman of Eliot. "I am so beyond humbled and thankful to have been selected as one of the inaugural recipients of the John M. Nickerson University of Maine Scholarship," says Allyson Eslin, a third-year student at UMaine. "I am thrilled to be representing a person of such profound integrity, dedication and scholarship as John Nickerson, and am deeply inspired to embody the

spirit of public leadership in his memory.” The John M. Nickerson University of Maine Scholarship was established in 2014 at the University of Maine Foundation with a gift of more than \$2 million from the estate of Dr. John M. Nickerson. This endowed scholarship annually supports UMaine students who, among other requirements, study political science, have attained a junior standing, are Maine residents and have made an impact in their communities. Nickerson also established the John Mitchell Nickerson Professorship of Political Science and the John M. Nickerson Quiet Room to benefit the members, faculty and staff of the UMaine Department of Political Science. “Dr. Nickerson devoted his life to his work and it was his desire to continue to support a strong political science community in Maine,” says University of Maine Foundation President Jeffery Mills. “The foundation is grateful for his commitment, which will provide significant support to UMaine students for generations.” Nickerson, a Lewiston native, was a member of the UMaine class of 1959. After receiving his bachelor’s degree in political science, he earned a Ph.D. from the University of Idaho in 1971 and taught for many years at the University of Maine and the University of Maine at Augusta. Nickerson authored numerous books and other publications during his career and remained active in the political science community until his death at age 75. Contact: Margaret Nagle, 207.581.3745

Maine offshore wind project moves to top tier of national demonstration program

27 May 2016

Editor's note: Story updated 5 p.m., May 27. In a [news release](#) this morning, U.S. Senators Susan Collins and Angus King announced that Maine’s New England Aqua Ventus I floating offshore wind demonstration project, designed by a University of Maine-led consortium, has been selected by the U.S. Department of Energy (DOE) to participate in the Offshore Wind Advanced Technology Demonstration program. New England Aqua Ventus I will now be one of up to three leading projects that are each eligible for up to \$39.9 million in additional funding over three years for the construction phase of the demonstration program. “Today’s decision by the Department of Energy puts Maine firmly on the map of America’s emerging offshore wind industry,” Collins and King said in a joint statement. “With the project’s innovative and cutting-edge floating design, the University of Maine has once again catapulted our state to the forefront of clean energy innovation through advanced technologies that could harness and deploy the vast wind resources off our nation’s coast. This decision is outstanding news for Maine and a testament to the unmatched hard work and ingenuity of the University of Maine and the numerous Aqua Ventus partners. We applaud them for their efforts and will continue to support them as they strive to lead our state and nation into a brighter, cleaner energy future.” “This is an historic opportunity for Maine and New England, and a real tribute to the vision and dedication of the University of Maine researchers and the consortium partners,” said UMaine President Susan J. Hunter. “With New England Aqua Ventus on the front line of the offshore wind industry in the United States, Maine has the potential to be a leader in renewable energy. “We’re extremely proud of the floating platform technology developed at the University of Maine Advanced Structures and Composites Center that has been recognized for its innovation by the Department of Energy,” Hunter said. “The level of research and development by UMaine researchers, students and partners that helped make the New England Aqua Ventus project a reality demonstrates the distinction of a public research university — and the difference it can make in its state, region and beyond.” Today’s announcement is a “game changer for floating offshore wind in the U.S.,” said Dr. Habib Dagher, P.E., executive director of the UMaine Advanced Structures and Composites Center that has led the effort. “We appreciate the DOE’s vote of confidence in the VolturnUS floating concrete technology. With 12 independent cost estimates from around the U.S. and the world, the VolturnUS floating hull technology has been found to significantly reduce costs compared to existing floating systems. The design has also received a complete third-party engineering review. We look forward to successfully building the two-turbines demonstration project, and to helping start a whole new clean energy industry,” Dagher said. In May 2014, the DOE announced that the New England Aqua Ventus project had been selected as an alternate for the Offshore Wind Advanced Technology Demonstration Program and was awarded \$3 million for continued design and engineering development. In November 2015, DOE informed Collins and King that it would provide an additional \$3.7 million to UMaine, under a contract that will soon be finalized, to continue the development tasks. The award brought total funding for the New England Aqua Ventus project on par with the previously selected demonstration projects that were awarded \$6.7 million each. In April 2016, the New England Aqua Ventus I project was reviewed by DOE to be eligible for \$39.9 million toward construction of the demonstration project. Over 70 reports were submitted to the DOE. That review led to the decision announced today to upgrade the UMaine project. The company formed to build the commercial-sized demonstration project is Maine Aqua Ventus I GP, LLC. Initially assembled by UMaine, this global consortium has formed a collaborative leadership team to develop, construct and operate this offshore wind project. It is expected that more than 25 other organizations will

contribute to project success. About UMaine's Advanced Structures and Composites Center: Since its establishment by the National Science Foundation in 1996, the Advanced Structures and Composites Center has employed and trained more than 2,000 UMaine students. These students were paid to work on award-winning R&D projects funded by more than 500 Maine-based, national and international companies that partner with the center. The center is housed on campus in a 100,000-square-foot laboratory facility valued at more than \$110 million. Research at the center has resulted in 42 issued and pending patents, more than 500 published technical papers and the creation of 14 Maine spin-off companies through licensing agreements of its inventions, patents or trade secrets. [For more information about the center, visit their website.](#) About Maine Aqua Ventus Maine Aqua Ventus I, GP LLC is a partnership of Emera Inc., Cianbro Corporation and Maine Prime Technologies, LLC, a spin-off company representing the University of Maine, which formed a collaborative leadership team to develop, construct and operate the project. Over 25 other organizations complete this innovative consortium. The goal is promising and rewarding: Maine Aqua Ventus I would create jobs and provide renewable energy now and into the future. [For more information about Maine Aqua Ventus, visit their website.](#) Jennifer O'Leary, 207.515.3341; olearyj@maine.edu

Ph.D. candidate, part-time faculty member win \$10,000 Top Gun prize

27 May 2016

The Maine Center for Entrepreneurial Development (MCED) and the University of Maine announced the winners of the Top Gun Showcase. Nadir Yildirim, a graduate of UMaine's innovation engineering program and a Ph.D. candidate in forest resources; and Simin Khosravani, a part-time faculty member in the UMaine Department of Mathematics & Statistics, were awarded a \$10,000 cash prize for the Orono-based company Revolution Research Inc. The company uses cutting-edge technology to develop eco-friendly products for the construction and packaging industries made from locally supplied and bio-based materials, according to the MCED news release. Revolution Research is a spin-off company of UMaine's [Advanced Structures and Composites Center](#) where Yildirim conducts his research. Six participants from the Bangor, Rockport and Portland Top Gun classes, representing the first- and second-place finishers from their respective regional pitch-off events, competed for the \$10,000 cash prize sponsored by the Maine Technology Institute, as well as an in-kind prize from Microsoft valued at more than \$120,000 to the highest-scoring tech company. Entrepreneurs presented five-minute pitches to a panel of judges followed by a brief question-and-answer period. Scoring was based on presentation, innovation and feasibility. The Microsoft BizSpark prize was awarded to Chuck Benton of Team AR, which developed an app using augmented reality technology to project property boundaries into a smart phone camera view. Top Gun is an annual program for competitively selected entrepreneurs that combines mentoring with high-impact weekly gatherings around the state. Since beginning in 2009, Top Gun has helped 135 entrepreneurs accelerate their businesses. The MCED news release is online.

WVII covers Old Town High School students' research presentation at UMaine

27 May 2016

[WVII](#) (Channel 7) reported on a presentation at the University of Maine by Old Town High School students. The students showcased their research on a marine worm that negatively affects oyster aquaculture, a growing industry in Maine. The research was conducted as part of a collaborative course in partnership with UMaine. Over the last four years, Old Town students worked with Paul Rawson and Sara Lindsay, professors at UMaine's School of Marine Sciences.

BDN, WABI report on Maine Learning Technology Initiative conference

27 May 2016

The [Bangor Daily News](#) and WABI (Channel 5) reported on the 13th Maine Learning Technology Initiative Student Conference held at the University of Maine. About 900 middle and high school students from across the state attended the event, which aims to help students and teachers discover new ways to learn and create on their school-issued laptops and tablets. It focused largely on the popular video game Minecraft. Maine Learning Technology Initiative's director told the BDN the theme was inspired by a UMaine study that seeks to explore how Minecraft can influence children's

future career paths relating to STEM. Bruce Segee, the Henry R. and Grace V. Butler Professor of Electrical and Computer Engineering at UMaine; and Craig Mason, a UMaine professor of education, are leading the three-year study, which was awarded \$2 million from the National Science Foundation. At the close of the conference, a dozen students received \$1,000 scholarships — 10 to UMaine and two to Husson University, which also was involved in the event, the BDN reported.

WVH interviews Wagner for second installment of spruce budworm report

27 May 2016

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 [WVH](#) (Channel 7) for Part II of the report, “The return of the spruce budworm.” Described as the most damaging forest insect in North America, the spruce budworm is already killing trees in Canada and is expected to spread to Maine in the next few years. 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. “The one thing that we are very sure about, is that it is going to occur and we can only hope that it’s not as severe or we can be prepared,” said Wagner, a member of the Maine Spruce Budworm Task Force. He added that researchers have a much better understanding of this outbreak than the last, but that changes in Maine’s paper-making industry could play a role in how the state responds. “The mill closures will have a large effect on our abilities to respond to the budworm, one of the features of the mill closure is a reduction in the demand for spruce and fir,” he said. Wagner also was featured in [Part I](#), along with Jim Dill, a pest management specialist with the University of Maine Cooperative Extension.

Press Herald reports on Top Gun winners

27 May 2016

The [Portland Press Herald](#) reported on the winners of the statewide Top Gun pitch-off. The event, hosted by the Maine Center for Entrepreneurial Development and the University of Maine, marked the graduation of the 2016 class of Top Gun entrepreneurs. Nobleboro resident and entrepreneur Chuck Benton of Team AR won the \$120,000 in-kind prize from Microsoft for its app using augmented reality technology. The \$10,000 cash prize winners were Nadir Yildirim and Simin Khosravani of Orono-based Revolution Research. The spin-off company of UMaine’s Advanced Structures and Composites Center uses technology to develop eco-friendly products for the construction and packaging industries made from locally supplied and bio-based materials. Yildirim is a graduate of UMaine’s innovation engineering program and a Ph.D. candidate in forest resources, and Khosravani is a part-time faculty member in the Department of Mathematics & Statistics. Top Gun is a program that combines mentoring with business development instruction, according to the article. Since its inception in 2009, it has graduated 135 entrepreneurs. [The Free Press](#) also reported on the Top Gun winners.

Camire speaks with BDN about nutrition for older bicyclists

27 May 2016

Mary Ellen Camire, a University of Maine professor of food science and human nutrition and past president of the Institute of Food Technologists (IFT), spoke with the [Bangor Daily News](#) for the article, “How good nutrition helps bicyclists keep pedaling as they age.” Nutritional needs for bicyclists change as people age, especially after age 50, said Camire who recently spoke with [Bicycling](#) magazine about the topic. “Riding places a lot of demands on your body, and as you get older and your body starts breaking down here and there, it’s especially important to stay on top of the nutrition you need to support it and keep it strong and healthy,” Camire said. After cyclists turn 50, according to Camire, they need higher levels of certain nutrients to maintain optimal muscle function at the same time their bodies don’t absorb those nutrients as efficiently as they used to. Among those, she said, are omega-3 fatty acids found in fatty fish such as salmon or herring; antioxidants found in fresh fruit such as blueberries; protein from dairy, fish, meat, poultry or plant-based; vitamin D, available in dairy or supplements; and probiotics found in live active yeast culture yogurts. “It’s so important for people to stay active,” she said. “We lose muscle mass every year after we turn 40. That

is why it is so critical to keep exercising and keep moving.”

Boston Globe quotes Brewer in article about presidential race, electoral map

27 May 2016

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Boston Globe](#) article, “Trump-Clinton battle could upend electoral map.” A presidential campaign between Hillary Clinton and Donald Trump could fundamentally shift the country’s political landscape, transforming party strongholds into swing states and leaving some political battlegrounds untouched by the candidates, according to the article. Brewer said Republican Trump could take advantage of the way Maine awards some of its electoral votes by congressional districts. Maine’s Second Congressional District, which includes the northern portion of the state, is currently represented by a Republican, the article states. “His message on trade and speaking to the white working class plays very well in that district,” Brewer said. “It is impossible for him to win the other district in the south, which has become more liberal, but it is not impossible for him to even take the whole state, but less likely.”

Putnam quoted in articles on Mongol Empire, weather research

27 May 2016

Aaron Putnam, the George H. Denton Assistant Professor in the School of Earth and Climate Sciences, was quoted in articles by [The Christian Science Monitor](#), [New Scientist](#) and [Tech Times](#) about the effects weather had on the fall of the Mongol Empire. The Mongol Empire swept through Eastern Europe until an abrupt withdrawal in 1242, according to the New Scientist article. New research published in Scientific Reports suggests climatic and environmental fluctuations, including flooding, were the main factors for the retreat, the articles state. “The single most important element to the Mongol expansion was their reliance on horses,” Putnam, who was not involved in the study but has conducted similar research, told The Christian Science Monitor. “When they ventured into landscapes/climates not suitable for maintaining large herds of horses, their efforts began to falter.” He added that using a single environmental factor to explain a historical event is “always tricky,” but that the authors did a good job of making a solid chronological case. “I think it’s convincing,” he told New Scientist. “The previous explanations of the Mongol withdrawal didn’t add up.” Tech Times

Grigholm: Ice cores indicate increases in atmospheric heavy metals

31 May 2016

Glacial ice core records indicate that humans have significantly altered the atmosphere in Central Asia during the 20th century, say climate scientists from the University of Maine. Climate Change Institute researchers say evidence from ice cores extracted from Inilchek Glacier in the Tien Shan Mountains in Kyrgyzstan reveals that rapid growth of industry and agriculture since the 1950s has led to large-scale increases in atmospheric concentrations of heavy metals. Elevated levels of pollutants began appearing in the glacial ice during the 1950s and rapidly increased during the late 1970s and early 1980s, says Bjorn Grigholm, a recent UMaine doctoral graduate and lead researcher who examined high-resolution ice core evidence from 1908 until 1995. Subsequently, there were abrupt declines during the 1980s and increases during the 1990s. These late 20th-century patterns reflect the decline of the Soviet Union, as well as the rapid growth of industry and agriculture in western China, says Grigholm. The pollutants — from metal production, fossil fuel combustion, fertilizer use and waste incineration — threaten natural ecosystems and human health, say scientists. Research has shown that people exposed to these pollutants have sustained damage to nervous system development and severe respiratory, kidney and bone disorders. The Inilchek Glacier is an ideal natural archive for reconstructing regional evolution of human-made pollutants because of its proximity to Soviet and Chinese industrial and agricultural centers that expanded quickly during the mid-to-late 20th century, says Grigholm, a former research assistant and IGERT (Integrative Graduate Education and Research Traineeship) fellow. In addition to providing historical evidence of the rapid industrialization of Central Asia, Inilchek ice core element records provide a baseline for future regional monitoring of atmospheric composition, he says. Paul Mayewski, Karl Kreutz, Kirk Allen Maasch, Michael Handley and Sharon Sneed, all from CCI and the School of Earth and Climate Sciences, conducted the research with Grigholm.

Vladimir Aizen and Elena Aizen from the University of Idaho and Cameron Wake from the University of New Hampshire, as well as Shichang Kang from the Chinese Academy of Sciences, also joined CCI explorers for the collaborative project. Their article, "[Mid-twentieth century increases in anthropogenic Pb, Cd and Cu in central Asia set in hemispheric perspective using Tien Shan ice core](#)," was published in *Atmospheric Environment*. Contact: Beth Staples, 207.581.3777

Black Bear Marathon, Half Marathon and 10K to be held June 5

31 May 2016

The University of Maine Alumni Association will present the second annual Black Bear Marathon, Half Marathon and 10K on Sunday, June 5. This year's race has attracted runners from 24 states in the U.S., as well as Canada. All three races will begin at 7:30 a.m. on the track at UMaine's Harold Alfond Stadium. There is 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 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 paved bike paths. The USATF-certified course will feature cheer stations, music, water and sports drinks. Bands and music will be playing along the course at the Family Dog restaurant, Crescent Lumber and Old Town Canoe Factory Outlet Store. The Black Bear Marathon was the only Maine race included in [Holiday Lettings from TripAdvisor's](#) "50 U.S. road races to attempt in your lifetime." Registration is [online](#). Fees are \$90 for the marathon, \$70 for the half and \$35 for the 10K. The first 600 runners to register will receive a logo race tank top, as well as items from sponsors. Medals will be given to all registered runners who cross the finish line. Monetary prizes will be awarded to the top three finishers in the full and half marathon. A race expo and packet pickup will be held 2–6 p.m. Saturday, June 4 in the New Balance Field House on campus. Registration is open until the close of the expo. The Black Bear Race series is run by the Student Wellness Resource Center with support from Campus Recreation and several sponsors. Proceeds benefit the center's substance abuse prevention services and programs, as well as the Black Bear Exchange food pantry and clothing exchange. More information is available on the race [website](#) or by contacting Lauri Sidelko at sidelko@maine.edu, 581.1423.

Unity College donates Native American artifacts to Hudson Museum

31 May 2016

Unity College donated several dozen hand-woven Native American baskets and other artifacts to the University of Maine to be cared for and displayed at the Hudson Museum. The items — officially called the Peter Smith Terry Collection — were bequeathed to Unity College by Terry, who taught at the college in the 1970s and died in 1977. Hudson Museum Director Gretchen Faulkner said the objects are wonderful additions to the museum's collections. "They will support our work with the Maine Indian Basketmakers Alliance and its mission of keeping these ancient traditions alive within their communities. Pieces from the collection will be included in the museum's Maine Indian Gallery, where audiences of all ages will have an opportunity to see them," she said. "We are extremely grateful to Unity College for transferring this important collection to the Hudson Museum and allowing the works to be used for research and exhibition as well as loans to other institutions, which is in keeping with Peter Smith Terry's wishes for the collection." Donated items to be accessioned into the Hudson Museum's collection include: 59 Maine Indian/Northeastern baskets; seven Ojibwe/Great Lakes quill-on-birchbark containers; a Cree Moose call and canoe model; a miniature lacrosse stick; a birchbark picture frame; and three root clubs and a crooked knife. Thirteen additional items will become part of Hudson Museum's education collection for hands-on educational programs, said Faulkner. Contact: Beth Staples, 207.581.3777

Mount Desert Islander advances Hutton's Bar Harbor container garden presentation

31 May 2016

[Mount Desert Islander](#) reported Mark Hutton, a vegetable specialist and professor of vegetable crops with the University of Maine Cooperative Extension, will present "Growing Vegetables in Container Gardens" in Bar Harbor on Monday, June 13. From 4–5 p.m. at Garland Farm, Hutton will speak about the best varieties and practices for growing edible

plants in small places, according to the article. The Beatrix Farrand Society is sponsoring the event, which costs \$10 for society members and \$20 for nonmembers.

UMaine Engineering cited in Sun Journal interview with Globe Footwear manager

31 May 2016

The University of Maine College of Engineering was mentioned in a [Sun Journal](#) interview with Roland Landry, plant manager at Globe Footwear in Auburn. Globe Footwear, formerly known as Falcon Shoe Manufacturing, began in 1963 as a small, family-owned business in Lewiston, according to the article. In 2014, Falcon was acquired by Globe Manufacturing Company, a fourth-generation family-owned and managed business headquartered in Pittsfield, New Hampshire that has been making firefighter protective clothing since 1887, the article states. “Not only are Globe boots made in the U.S.A., right here in Maine, but all the components are domestically sourced,” Landry said. “The last two components we moved from offshore suppliers were developed through partnerships here in Maine. We developed the first non-metallic safety toe cap with the University of Maine Engineering Department. And we developed the first non-steel puncture resistant plate with Tex Tech, a company that manufactures in Monmouth.”

Professor Emeritus Jagels writes op-ed on Maine’s forest products industry for BDN

31 May 2016

The [Bangor Daily News](#) published the opinion piece, “Maine’s forest products industry is in freefall, but there’s another use for these woods,” by Richard Jagels, an emeritus professor of forest resources at the University of Maine.

Hutton quoted in Press Herald ‘Maine Gardener’ column about growing melons

31 May 2016

Mark Hutton, a vegetable specialist and professor of vegetable crops with the University of Maine Cooperative Extension, was quoted in the latest column in the [Portland Press Herald](#) “Maine Gardener” series, titled “Go into growing melons in Maine knowing they’re needy.” Because of Maine’s short growing season, gardeners should select melon varieties that mature quickly — 85 days or fewer, according Hutton. He offered other advice for growing the fruit in Maine, including how best to fertilize and water the plants.

Morse, Darling Marine Center cited in Press Herald article on eel aquaculture researcher

31 May 2016

The [Portland Press Herald](#) published an article about Sara Rademaker, a graduate of Auburn University in Alabama with 12 years of farming and aquaculture experience. Rademaker has rented space from the Maine Aquaculture Innovation Center at the University of Maine’s Darling Marine Center (DMC) to develop an eel aquaculture system. Although she’s just starting her third year developing the system, she aims to bring her first eels to market this summer, with plans to tap into the local sushi market, according to the article. “She’s already so far ahead of anyone else in the state,” said Dana Morse, a UMaine Cooperative Extension associate professor and researcher based at the DMC. “It’s impressive.” Rademaker also has had help from UMaine’s Center for Cooperative Aquaculture Research in Franklin, the article states. “Little things like that have been so key to doing this in Maine,” she said. “Everyone I have encountered in the state has been really supportive of the effort, from DMR (Department of Marine Resources) to the dealers to Darling.”

BDN interviews Trickey for article on backyard chickens

31 May 2016

Linda Trickey, an agricultural assistant with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for the article, “Why backyard chickens are a good step to food independence.” Keeping chickens for eggs

is part of a surging interest in local farming and food, according to Trickey, who works with small-scale farmers and gardeners in Aroostook County. “I’m seeing more people interested in growing as much of their own food as they can,” she said. “People are realizing the value of growing your own food.” As a livestock, chickens are a good entryway into food sufficiency, Trickey said. “Having a flock of backyard chickens is easy. You don’t need a lot of room. Once you’ve tasted a fresh egg from your own hen, there’s nothing like it,” she said. The article also included recommendations from Trickey on how to house and feed backyard chickens.

Reuters quotes Butler in report on retaining home health care aides

31 May 2016

Sandra Butler, a professor of social work at the University of Maine, was quoted in the [Reuters Health](#) article, “Injuries, too few work hours prompt home health aides to quit.” Based on a national survey of home health and hospice aides, having too few work hours or injuries were associated with a desire to leave the profession while having a consistent patient assignment and health insurance were linked with an intent to stay, the article states. “The work is not suited to everyone, but many who do it really love it, but find the conditions sometimes force them to leave the jobs they love,” Butler said. “It has been shown that older workers are often less likely to leave this work, in part as they may be less dependent on full-time work and benefits (perhaps because they receive Social Security and/or Medicare) and they may feel more affinity to the people they are caring for.”

Offshore wind project eligible for up to \$40M from federal program, media report

31 May 2016

The Associated Press, [Portland Press Herald](#), [Bangor Daily News](#), [Mainebiz](#), WLBZ (Channel 2), [North American Windpower](#) and [Windtech International](#) reported a University of Maine-led offshore wind power pilot project has officially been selected to join a federal government demonstration program. U.S. Senators Susan Collins and Angus King announced that the New England Aqua Ventus I floating offshore wind project has been selected by the U.S. Department of Energy to participate in the Offshore Wind Advanced Technology Demonstration program. New England Aqua Ventus I will now be one of up to three leading projects that are each eligible for up to \$39.9 million in additional funding over three years for the construction phase of the program. The UMaine-led project is unique because it’s the only one to use concrete for the floating platforms, according to the reports. The project would put a two-turbine, 12-megawatt project off the coast of Monhegan Island, the AP reported. “We’re going to be embarking a journey to become a leader in a technology that will change energy,” Habib Dagher, director of UMaine’s Advanced Structures and Composites Center, told the BDN. The Baytown Sun, [The Washington Times](#), Miami Herald, The Nashua Telegraph, [Free Press Online](#) and Maine Public Broadcasting Network carried the AP report. Sen. Susan Collins visited the studio of WABI (Channel 5) to speak about the project.

UMaine, EMMC Anesthesia Services to present lecture June 13

01 Jun 2016

The University of Maine and Eastern Maine Medical Center’s Department of Anesthesiology will present a reception and lecture June 13. Sten GE Lindahl, M.D., Ph.D., FRCA, will deliver “Beyond Borders — a Nobel Prize Story” at 6 p.m. in Minsky Recital Hall. A reception will be held following the lecture. Lindahl is chair emeritus of the Nobel Committee for Physiology or Medicine and professor emeritus at Karolinska Institutet in Sweden. The event is sponsored by EMMC Anesthesia Services.

UMaine blueberry research cited in East County Magazine article

01 Jun 2016

Research conducted at the University of Maine was mentioned in an [East County Magazine](#) article about the health benefits of berries — specifically strawberries, blueberries raspberries and blackberries. The article cited a UMaine study that suggests blueberries can protect against memory loss.

Boothbay Register advances clam conservation talk at Darling Marine Center

01 Jun 2016

[Boothbay Register](#) reported the University of Maine Darling Marine Center will host a presentation June 7 by Brian Beal, a professor and director of the University of Maine at Machias' marine field station at the Downeast Institute. At 1 p.m. in the McAlice classroom, Beal will share his research related to clam conservation throughout the state. The talk, "Ecology of wild and cultured soft-shell clams, and how this information can be used to manage clam stocks," is free and open to the public. Guests are asked to RSVP to kthornton@maine.edu by June 1.

BDN previews second annual Black Bear Marathon, Half Marathon and 10K

01 Jun 2016

The [Bangor Daily News](#) published a University of Maine news release announcing the second annual Black Bear Marathon, Half Marathon and 10K. The University of Maine Alumni Association will present the race on Sunday, June 5. All three races will begin at 7:30 a.m. on the track at UMaine's Harold Alfond Stadium. 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 paved bike paths. The USATF-certified course will feature cheer stations, music, water and sports drinks. A race expo and packet pickup will be held 2–6 p.m. Saturday, June 4 in the New Balance Field House on campus.

Press Herald, WCSH promote video created by business student's company

01 Jun 2016

The [Portland Press Herald](#) included a [video](#) of Portland Head Light filmed with a drone in an online post about Fort Williams Park and the lighthouse. The video was created by University of Maine student Casey Nava, a marketing and management major from Waterboro, Maine. Nava is the CEO of Navadise Media, a cinematography company he co-founded with his brother in 2014. WCSH (Channel 6 in Portland) also shared the video on its official [Facebook](#) page.

LancasterOnline cites UMaine hazing study

01 Jun 2016

[LancasterOnline](#) (based in Lancaster County, Pennsylvania) cited a 2008 University of Maine study in the article, "Anti-hazing policies already in place among Lancaster County public schools; New law makes it a misdemeanor." The [study](#), which was conducted by researchers Elizabeth Allan and Mary Madden, found that nearly half of all college students experienced hazing before college, according to the report.

Elias talks with BDN about study that shows chocolate improves brain function

01 Jun 2016

The [Bangor Daily News](#) spoke with Merrill "Pete" Elias, a University of Maine professor of psychology and cooperating professor in the Graduate School of Biomedical Sciences and Engineering, about a recent study that found chocolate intake is associated with better cognitive function. Elias was part of a team that included researchers from the University of South Australia and Luxembourg Institute of Health. According to their findings published last month in the journal [Appetite](#), people who ate chocolate at least once per week performed better on multiple cognitive tasks compared to those who ate chocolate less frequently. The study tracked more than 1,000 people over 35 years and looked specifically at chocolate consumption's effect on visual-spatial memory and organization, working memory, abstract verbal reasoning, scanning and tracking and overall cognitive functioning, according to the article. "People like it because we are not telling them they can't do something," Elias said. "This has been a grandly fun study." [WGME](#) (Channel 13 in Portland) carried the BDN report. [Science World Report](#) published an article on a related study

conducted by the researchers that found consuming chocolate every day can prevent diabetes and insulin resistance, and can lower the risk of acquiring cardiovascular diseases.

UMaine included in Mainebiz article on federal science, engineering funding increase

01 Jun 2016

The University of Maine was mentioned in the [Mainebiz](#) article, “Fed science, engineering funding up for first time in five years.” According to the article, federal agencies increased overall science and engineering funding by 6 percent in fiscal year 2014 to \$30.8 billion spread across 996 academic institutions. The data from the National Science Foundation’s National Center for Science and Engineering Statistics showed the funding marked the first increase in five years. UMaine topped universities in the state in terms of the total federal funding it attracted at \$22,841,600, the article states, with \$17,680,300 going toward research and development.

UMaine News Press Releases from Word Press XML export 2016

BDN previews Maine NEW Leadership conference

01 Jun 2016

The [Bangor Daily News](#) interviewed Rep. Cyndi Munson, the first Asian-American woman elected to the Oklahoma House of Representatives, ahead of her appearance at the Maine NEW (National Education for Women) Leadership program at the University of Maine. Munson, a Democrat, will arrive Thursday and deliver the keynote address Friday evening titled, "Swimming Upstream: My Experiences in the Oklahoma Legislature," according to the article. She also will take part in a discussion about the film "NextStepRun!" by Maine director Pamela Maus, which followed Munson and three other women on the campaign trail, the article states. Twenty-eight undergraduates attending colleges and universities in Maine will participate in this year's Maine NEW Leadership, which aims to encourage women to run for public office. The program is offered through the Margaret Chase Smith Policy Center and will run Thursday through Tuesday. "I want to be really honest about what I went through and share the importance of the opportunity to make a difference and the importance of not giving up," Munson said.

Annual program aims to educate, empower future women leaders

01 Jun 2016

The Margaret Chase Smith Policy Center at 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 through Tuesday, June 2–7 at the Orono campus with trips to Augusta and Skowhegan. A group of 28 students with a variety of majors and interests from colleges around the state will take part in the eighth residential conference that aims to strengthen political skills and build civic engagement. Throughout the free program, students will participate in workshops hosted by women leaders from politics, business and education. State Rep. Joyce Maker, R-Calais, and former state Rep. Anne Graham, D-North Yarmouth, will serve as Faculty in Residence. They will mentor the students and share their experiences from their time in the Legislature. The students will learn skills including public speaking, networking and how to advocate for a cause and run for public office. Students also will be addressed Friday night by Democratic Rep. Cyndi Munson, the first Asian-American woman to be elected to the Oklahoma State Legislature. Munson is an alumna of NEW Leadership at the University of Oklahoma and was featured in the documentary, "NextStepRun!" by Maine director Pamela Maus, which followed her and three other women on the campaign trail. As part of the conference, students develop a political action project surrounding topics presented before the Maine Legislature. This year's project builds off previous bills meant to regulate the use of potentially harmful chemicals used in manufacturing of products for children. In addition to Maker and Graham, the students will be advised by former state Sen. and Rep. Debra Plowman, R-Hampden; Alison Sucy, former chief of staff to the speaker of the Maine House and former deputy chief of staff to the education commissioner; and Molly Bogart, a 2013 Maine NEW Leadership alumna. On Monday, participants will tour the Statehouse in Augusta and the Margaret Chase Smith Library in Skowhegan. The students' visit to the Statehouse will emphasize bipartisanship as they will be greeted by Rep. Ellie Espling, R-New Gloucester; Rep. Sara Gideon, D-Freeport; Sen. Dawn Hill, D-York; and Sen. Kim Rosen, R-Hancock. While in Augusta, the students will have an opportunity to participate in an interview with Mary Herman, a former first lady of Maine, conducted by Jennifer Rooks of the Maine Public Broadcasting Network. The students also will engage in panel discussions concerning the challenges of policymaking and making a difference in one's community. State senators, representatives and prominent community organizers are scheduled to take part in the discussions. Maine NEW Leadership alumni have gone on to serve their state and country in many ways. Recently, three NEW Leadership alumni represented UMaine in Washington D.C. as part of the Peter Madigan '81 Congressional Internship Program. Allyson Eslin served in Sen. Angus King's office, Ginger Kieffer served in Sen. Susan Collins' office, and Natalie Goding served in U.S. Rep. Chellie Pingree's office. The students' achievement, commitment to public service, and leadership skills honed through Maine NEW Leadership bolstered their applications to the competitive internship program. Maine NEW Leadership is offered by the Margaret Chase Smith Policy Center at UMaine with support from local sponsors. The program's administrator is former Sen. Mary Cathcart. The Margaret Chase Smith Policy Center is named after Sen. Margaret Chase Smith, the first woman to serve in the U.S. House and Senate and the first woman to be nominated at a national convention to run for president of the United States. Maine NEW Leadership was developed to address the underrepresentation of women in politics and is designed to provide students with skills to help them become the next generation of effective civic and political

leaders. More information about Maine NEW Leadership is available [online](#) or by calling Cathcart at 944.1411.

Nearly 100 children expected at Jr. Bears Triathlon

01 Jun 2016

Nearly 100 children are expected to take part in the second annual Jr. Bears Triathlon that will be held on the University of Maine campus 9 a.m. Saturday, June 4. The Jr. Bears Triathlon is a fundraiser for Black Bear Aquatics (BBA), a competition-based swimming and diving team located at UMaine's Wallace Pool. BBA aims to provide technical development and racing skills for all age levels. The group has a growing youth team as well as a Black Bear Masters team for swimmers 18 and older. The triathlon is open to children 6–14 years old. Athletes will swim in the Wallace Pool and bike and run on closed roads and paths. Participants who are 6–9 years old will swim 50 yards, bike one mile and run half a mile. Those who are 10–14 years old will cover twice the distance with a 100-yard swim, 2.3-mile bike ride and mile run. Trophies will be awarded to top age group finishers, and all participants will receive a finisher's medal. [Online](#) registration is available for \$30 per athlete until 9 p.m. June 1. Race-day registration also will be available for \$40 from 7:30–8 a.m. A portion of the proceeds will be donated to the UMaine swimming and diving program. Event organizers say the BBA is fortunate to use the UMaine facilities and to have top-quality collegiate athletes that their youth swimmers and divers admire. More than 70 children from around the state participated in last year's inaugural race. As of June 1, 88 participants had registered for the event. This year, BBA is partnering with the Black Bear Race Series, organizers of the second annual Black Bear Marathon, Half Marathon and 10K to be held on June 5. Offering the triathlon the same weekend as the race provides an opportunity for children of runners to participate in their own event on the UMaine campus. More information about the Jr. Bears Triathlon is available on [Facebook](#), BBA's [website](#) or by contacting organizer Jen Tyne at jennifer.tyne@maine.edu, 944.7899.

VEMI Lab offers open house for UMaine employees

02 Jun 2016

The Virtual Environment and Multimodal Interaction (VEMI) Laboratory in Carnegie Hall will host an open house for UMaine employees from 11 a.m.–1 p.m. June 10. More information about the lab, part of the School of Computing and Information Science, is [online](#).

UMaine Extension 4-H mentioned in Ellsworth American article on Arts Day at Sumner

02 Jun 2016

[The Ellsworth American](#) reported on the fifth annual Pam Harmon Arts Day at Sumner Memorial High School in Sullivan. The event, which was named in honor of an art teacher who passed away in 2011, expanded this year with dozens of hands-on workshops covering a variety of arts, including visual, performance, written, industrial, culinary and agricultural, according to the article. The University of Maine Cooperative Extension 4-H was one of several organizations that partnered with the school for the all-day event, the article states.

UMaine Hockey to play three games in Portland, media report

02 Jun 2016

The [Portland Press Herald](#) and WABI (Channel 5) reported the University of Maine men's ice hockey team will play three games at Cross Insurance Arena in Portland next season. The Black Bears will play Boston College, Notre Dame and Brown University at the arena. "Typically we try to play a game in Portland every year," Seth Woodcock, the associate director of athletic development at UMaine, told the Press Herald. "Red (Gendron, UMaine's head coach) does a great job with the schedule to bring quality opponents to Portland. And with the Pirates out, we saw an opportunity to bring great hockey to Portland." Woodcock said more details, including dates and ticket information, will be released Friday.

Innovation Engineering cited in American Press report on Louisiana university

02 Jun 2016

The University of Maine was mentioned in an [American Press](#) article about the graduation of McNeese State University's first class of innovation engineers. In 2011, the Louisiana institution became the second university in the country to offer a minor in

innovation engineering management, an interdisciplinary program open to all students, according to the article. The minor, which was created with help from UMaine, “teaches students how to develop, refine, communicate and implement new ideas,” said an innovation curriculum coordinator at McNeese.

Wahle, Bayer quoted in National Observer article on New England lobsters

02 Jun 2016

Rick Wahle, a marine scientist at the University of Maine, and Robert Bayer, executive director of UMaine’s Lobster Institute, were quoted in the [National Observer](#) article, “New England lobsters swim to Canada, bringing jobs with them.” Warming waters off the Atlantic coast are driving lobsters north, disrupting fisheries, according to the article that was part of the publication’s “Special Report: [Race Against Climate Change](#).” While the southern New England lobster fishery has all but collapsed, fishers in Maine, Prince Edward Island and even farther north are benefiting from the crustaceans’ movement, the article states. Wahle attributes the collapse of the southern New England lobster fishery to climate change and points to previous mass die-offs in Long Island Sound as a result of extreme warm temperatures. “You’ve got to think of it not so much as a case of lobsters are packing their tents and moving north, as much as they’re more successfully re-populating every year in the northern locations relative to the southern location,” Wahle said. Bayer said the collapse of the industry south of Cape Cod may partially be caused from temperature changes, but adds that pesticide run-off from lawns, golf courses and roads in major cities are a likely culprit. “I think that’s probably just as important as climate change; water temperatures,” he said.

Kent speaks with MPBN about benefits of writing for student-athletes

02 Jun 2016

The [Maine Public Broadcasting Network](#) interviewed Rich Kent, an associate professor of literacy education at the University of Maine, for the report, “UMaine professor: Writing boosts performance of Maine’s student-athletes.” “Writing is a powerful way to learn,” said Kent, who also is a coach with more 30 years of experience guiding athletes in more than half a dozen sports, including soccer, skiing, running and cycling. Kent’s book “Writing on the Bus,” and several other guides he has produced, are helping coaches and athletes make writing part of their postgame analysis and pregame strategy, according to the report. “Having multiple pathways into learning and including writing is a very smart thing to do for athletes, for coaches, for the workplace,” he said.

Dill quoted in Press Herald article on deer ticks

03 Jun 2016

James Dill, pest management specialist at the University of Maine Cooperative Extension, was quoted in a [Portland Press Herald](#) article titled “Leaf cover appears to help deer ticks survive winter, Maine researchers report.” The two-year study, led by researchers at the Maine Medical Center Research Institute “tick lab” explained that by overwintering beneath leaves, deer ticks — which transmit Lyme disease — can survive harsh, cold weather in Maine. It’s unclear, however, if the ticks are vulnerable to sudden temperature drops. According to the Maine CDC, there were 107 cases of Lyme disease through April 30 this year. “It’s definitely a heavy tick season,” said Dill. Dill said deer tick larvae feed on rodents and there are indications that rodent populations will be higher this spring and summer, which could boost tick populations, though other factors could lead to a population decline as summer goes on.

Shaler quoted in Sen. King release about Timber Innovation Act

03 Jun 2016

Stephen Shaler, director of the University of Maine School of Forest Resources, was quoted in a media release from U.S. Sen. Angus King about the *Timber Innovation Act*, a bipartisan piece of legislation supporting the advancement of the forest products industry by accelerating research and development of wood buildings in the United States. “The use of Maine-sourced timber and engineered wood composites could be increased in important and developing construction applications such as mass timber non-residential structures,” said Shaler. “This bill could help accelerate and expand Maine commercial manufacturing opportunities and associated engineering and architectural services. UMaine’s expertise and R&D facilities are actively engaged and working with Maine industry in these sectors.” Sens. King and Susan Collins co-sponsored the legislation, which was introduced by Sens. Debbie Stabenow of Michigan and Mike Crapo of Idaho. The complete release is [online](#) and was cited by [Mainebiz](#).

BDN publishes op-ed on high school graduates entering job market

03 Jun 2016

The [Bangor Daily News](#) published a column written by Professor Emeritus of Education Gordon Donaldson. A longer version of the piece, “What comes first: well-educated workers or available jobs?” originally appeared on the College of Education and Human Development website as part of the [Maine Schools in Focus](#) feature.

2015 warmest year, on average, across Northern Hemisphere

03 Jun 2016

For many Mainers, ice-skating and snowmobiling weren’t part of last December’s holiday break. There was open water on lakes and green grass throughout much of the state as daytime high temperatures reached into the 50s. In fact, December 2015 through February 2016 — the meteorological winter — was the warmest or near warmest on record in Maine since 1871, says Sean Birkel, Maine state climatologist and University of Maine research assistant professor with the Climate Change Institute. Many areas south of Millinocket had continuous snow cover only for about three weeks in January, says Birkel, adding that nearly every snowfall in February and March ended in rain. During the record-warm winter, there were record-early ice-outs on a number of lakes, primarily across the southern half of Maine, where melting removed ice cover on lakes and ponds prior to a cool wave that set in at the end of March. Birkel says one particularly notable early ice-out record was on Lake Winnepesaukee in New Hampshire, where ice broke March 18. The previous earliest ice-out there was March 23, 2012, and before that it was March 24, 2010. In 130 years prior to 2010, only two March ice-outs were recorded on Winnepesaukee: March 28, 1921, and March 30, 1946. The latest recorded ice-out on the 72-square-mile lake was May 12, 1888. Following the cold winter of 2014–15, ice-out on Winnepesaukee occurred April 24. During the winter of 2014–15, many areas in Maine experienced record or near-record snowfall and below normal temperature. For instance, 2014–15 was the snowiest winter on record in Bangor (91.2 inches). February 2015 was the coldest month on record in northern and eastern Maine and was the all-time coldest month in Bangor, according to the National Weather Service. The average February 2015 statewide temperature in Maine was 5 degrees F. It should be noted, though, that December 2014 registered as the sixth-warmest on record for a statewide average. Birkel says climate variability is the reason for the previous two sharply contrasting winters. Climate variability arises from natural processes and involves changes in large-scale weather patterns over months, seasons or even years. Climate variability and climate change occur simultaneously. While cold weather still occurs, the overall climate is warmer than it was 100 years ago. Birkel says that point is demonstrated by multiple datasets that span from 1871 to 2015. They show 2015 was the warmest year on record on average across the Northern Hemisphere. For more information, visit [Maine Climate News](#). Contact: Beth Staples, 207.581.3777

Historical Atlas of Maine receives three new awards

06 Jun 2016

The *Historical Atlas of Maine* has received three new awards, bringing to four the number of honors presented to the folio, its editors, cartographer and publisher this spring. The atlas won the best Book/Atlas category and was named Best of Show by the international Cartography and Geographical Information Society, and received the [Excellence in Publishing Award](#) from the Maine Writers & Publishers Alliance. In February, *Historical Atlas of Maine* received the 2016 American Association of Geographers Globe Book Award for Public Understanding of Geography — one of the two most distinguished book prizes available in American geography. The atlas, the result of a 15-year scholarly project led by University of Maine researchers, offers a new geographical and historical interpretation of Maine, from the end of the last ice age to the year 2000. The volume was published in 2015 by University of Maine Press, a division of UMaine’s Raymond H. Fogler Library. The folio-size *Historical Atlas of Maine* is edited by UMaine historian Richard Judd and UMaine geographer Stephen Hornsby, with cartography by Michael Hermann. It tells the principal stories of the many people who have lived in Maine over the past 13,000 years — the history of Native peoples, European exploration and settlement, the American Revolution, Maine statehood, agricultural and industrial development, and the rise of tourism and environmental awareness. The 208-page atlas features 76 two-page plates with a rich array of 367 original maps, 112 original charts and 248 other images — historical maps, paintings and photos — in addition to its text. The result is a unique interpretation of Maine, a rich visual record of the state’s history, and a major achievement in humanities research. In 1997, UMaine Professor of English Burton Hatlen had the idea to compile an historical atlas of Maine that would showcase the mission of a land grant institution and the strength of humanities scholarship. Primary funding for the atlas project included \$160,000 in seed money from the Maine Legislature in 1999 and a

\$293,500 National Endowment for the Humanities grant in 2003. With Hatlen's death in 2008, Hornsby and Judd led the final years of the scholarship. More information about the *Historical Atlas of Maine* is online:

umaine.edu/news/blog/2014/11/24/discovering-maine umaine.edu/umpress/recently-published/historical-atlas-of-maine

Contact: Margaret Nagle, 207.581.3745

UMaine Extension publications offer tips on multiple summer activities

06 Jun 2016

As summer approaches, many in Maine are spending more time outdoors. The University of Maine Cooperative Extension offers information and recommendations on a variety of topics including gardening, grilling safety and dealing with insects. UMaine Extension's [Publications Catalog](#) includes the following bulletins:

- [Barbecue and Tailgating Food Safety](#)
- [Food Safety for Camping and Hiking](#)
- [Ticks](#)
- [Lyme Disease](#)
- [Insect Repellents](#)
- [Mosquito Management](#)
- [Starting Seeds at Home](#)
- [Growing Fruit Trees in Maine](#)
- [How Compost Happens](#)
- [Testing Your Soil](#)
- [Establishing a Home Lawn in Maine](#)
- [Maintaining a Home Lawn in Maine](#)
- [Steps to a Low-Input, Healthy Lawn](#)
- [Growing Peaches in Maine](#)
- [Let's Preserve: Refrigerator Spring Pickles](#)
- [Humane Livestock Handling](#)
- [Facts on Fiddleheads](#)

From the "Maine Family Farms: Life and Business in Balance" series:

- [Why 'Thank You' Matters: Expressing Appreciation](#)
- [Running Successful Farm-Family Meetings](#)
- [Farm and Family — Finding Balance](#)
- [Understanding Roles in the Farm Family](#)
- [Recognizing the Signs of Farm Family Stress](#)

Information on publication pricing is [online](#).

New issue of Maine Policy Review available

06 Jun 2016

The winter/spring issue of Maine Policy Review, published by the Margaret Chase Smith Policy Center, is available in print and [online](#). The cover story on solid waste management was written by a team of seven researchers from the University of Maine and the University of Southern Maine, led by Cindy Isenhour, UMaine assistant professor of anthropology. Also in the issue: an update on Maine drug-induced mortality, written by Marcella Sorg and Jamie Wren of the Smith Center, and former Maine chief medical examiner Margaret Greenwald; and articles on immigration, community development, and the proposed park in Maine's North Woods.

WABI reports on Bangor school's aquaculture initiative

06 Jun 2016

[WABI](#) (Channel 5) reported on a new program at Bangor's Vine Street School that aims to introduce students to aquaculture and aquaponics. The goal is that with some hands-on learning, including time with a touch tank, students will be inspired to

pursue a career in the sciences, according to the report. Maine EPSCoR at the University of Maine provided a mini-grant to school to launch the initiative.

Sturm demonstrates experiments that can be done at home on WVII

06 Jun 2016

David Sturm, an instructional laboratory and lecture demonstration specialist at the University of Maine, visited the studio of [WVII](#) (Channel 7) for an installment of “Science with Sturm.” Sturm demonstrated experiments that can be done at home, including some that show how liquids are affected by forces.

Glover quoted in BDN article on presidential election

06 Jun 2016

Robert Glover, an assistant professor of political science and honors at the University of Maine, spoke with the [Bangor Daily News](#) for the article, “In general election, Trump sees a chance to make Maine red again.” Donald Trump, the likely Republican presidential nominee, plans to expand the electoral battleground to Maine and other states considered Democratic strongholds in anticipation of a fight against presumptive Democratic nominee Hillary Clinton, according to the article. Democrats have won every presidential election in Maine since 1992, the article states. “It’s a real long shot and a tremendous amount of resources he would have to expend for a single electoral vote,” Glover said of the strategy. But in a one-on-one matchup, Trump may be able to use voter distrust of Clinton to his advantage to win the 2nd District’s electoral vote, according to Glover. “The anti-Hillary sentiment is really high and pronounced among men and rural voters and people who are struggling and feel disenchanting with the political and economic systems in this country,” he said. “If he just amps up that sentiment, maybe that would be enough to at least have a shot in the 2nd CD.”

WABI covers Jr. Bears Triathlon

06 Jun 2016

WABI (Channel 5) reported on the second annual Jr. Bears Triathlon that was held on the University of Maine campus. Nearly 100 children 6–14 years old were expected to take part in the fundraiser for Black Bear Aquatics, a competition-based swimming and diving team located at UMaine’s Wallace Pool. During the event, athletes swam in the Wallace Pool and biked and ran on closed roads and paths. Organizers told WABI it’s important to introduce children to swimming and other sports at a young age. “I think they’ll take away that it’s a lifelong activity that they can do for a long time. They’re going to have a lot of fun and their parents are going to have a lot of fun,” organizer Belle Ryder said. A portion of the proceeds will be donated to the UMaine swimming and diving program, according to the report. The Weekly also reported on the event.

UMMA accepting summer camp registrations, WVII reports

06 Jun 2016

Kat Johnson, education coordinator at the University of Maine Museum of Art in downtown Bangor, was a recent guest on [WVII](#) (Channel 7). Johnson spoke about the UMMA Summer Art Camp, seven one-week sessions offered June 20 through Aug. 12. Each week is geared toward a different age level, according to the report. The camp, which is in its 18th year, offers artmaking activities based on work that’s on display in the gallery, Johnson said. “[Participants] get to see how a museum works and then make art inspired by that,” she said.

Thiagarajan speaks with Press Herald about Scandinavian trade mission

06 Jun 2016

Krish Thiagarajan, a mechanical engineering professor at the University of Maine, was quoted in a [Portland Press Herald](#) article about Maine’s first trade mission to Scandinavia. The opening of a direct shipping line to the North Atlantic and growing world interest in Arctic affairs prompted the trip, according to the article. The Maine International Trade Center will guide a dozen companies, research groups and educational institutions on a 10-day trip to Norway, Sweden and Finland, the article states. Thiagarajan said the Arctic focus of the trade mission is what attracted him to the trip. He is looking for new technology and research partners at the ocean space research center opening soon in Trondheim, with a focus on Arctic-viable

marine technology. He also will scout for new technology for his company, Marine Ocean Training & Technology, and on behalf of Maine Marine Composites of Portland, the article states. “Norway is one of the countries in the forefront of a lot of advanced marine technology,” Thiagarajan said. “Their government has invested a lot in developing this specialized industry and we want to see if we can capitalize on that. The whole spectrum is wide open — renewable energy ideas like wave energy, tidal energy. Technology to help ships move faster and smoother through Arctic seas. We would like to invite their tech companies to develop their work in some of our lab facilities.”

Education Week quotes Biddle in article on Vermont high school

06 Jun 2016

Catharine Biddle, an assistant professor of educational leadership with the College of Education and Human Development, was quoted in a recent [Education Week](#) article about student involvement in decision-making at a Vermont high school. The school, Harwood Union High School in Moretown, Vermont, gives students a voice in nearly every aspect of school life, from scheduling to the type of instruction used in individual courses. The article says Biddle has studied the school’s relationship to a local nonprofit that provides leadership training to students and staff members at Harwood Union. “Harwood is ahead of the curve because of the number of different ways they’ve institutionalized student voice,” Biddle said. “Involving students as deeply as they have, in as many ways as they have, helps avoid a common mistake of seeing student voice as monolithic: that as long as we get a couple of kids giving us feedback, that’s student involvement.”

Hundreds participate in second annual Black Bear Marathon, media report

06 Jun 2016

[WLBZ](#) (Channel 2) and [WABI](#) (Channel 5) reported on the second annual Black Bear Marathon, Half Marathon and 10K held at the University of Maine. Almost 600 runners from more than 25 states and Canada participated in this year’s event, WLBZ reported. “The university does a really nice job with this event — plenty of water stops; signage; folks out there are cheering you on; and I mean it’s just kind of a no-brainer to come back,” half-marathon winner Rico Portalatin told WABI. He added he was impressed by how much the race has grown in one year. “It looks, sounds much larger this time,” Portalatin said. “It sounds like they bumped it up quite a bit, reaching out to runners around the country, which is really nice. It makes it more competitive. It really makes it a fun event.” The Black Bear Race series is run by the Student Wellness Resource Center with support from Campus Recreation and several sponsors. This year’s race was presented by the University of Maine Alumni Association.

Press Herald cites UMaine researchers in article on Maine park studies

06 Jun 2016

The [Portland Press Herald](#) cited several University of Maine researchers in the article, “Maine’s parks are fertile places for research.” Sarah Nelson, an associate research professor in the School of Forest Resources, spoke about her research in Acadia National Park. Nelson, who began studying mercury and acid rain chemistry as a graduate student, started sampling the larvae of dragonflies in Maine streams and waters for mercury, with help from high school students. In 1998, she began sampling within Acadia, where 80 species of dragonflies can serve as bio-sentinels for mercury pollution, according to the article. Nelson said conducting research in national parks provides a greater chance to gather accurate data on a long-term basis. “You know you will be able to come back in 20 years and be able to get to the same site,” she said. “We don’t have those confounding effects like there is suddenly a mall in the middle of a site.” The article mentioned other ongoing projects in Acadia by UMaine professors, including studies of bird migration on Mount Desert Island and the Schoodic peninsula, bird use of rockweed, ecosystem response to climate change, and forest recreation management by students in UMaine’s Parks, Recreation and Tourism program. Shawn Fraver, a professor in the School of Forest Resources, spoke about a 2013 tornado that blew through the northwest corner of Baxter State Park. The tornado created the opportunity for a multi-year study on beetles and how they responded to the blow-down situation over 400 acres, the article states. “Virtually all the trees were uprooted or blown over,” Fraver said. “That type of wind damage is really unusual in Maine.” Alison Dibble, an assistant research professor with UMaine’s School of Biology and Ecology, spoke about her contribution to “The Plants of Baxter State Park.” The comprehensive guide has welcomed researchers and volunteers to photograph more than 700 species of plants that grow within the park’s boundaries, the article states.

Swan’s Island trip inspires UMaine students to think about culture, community

06 Jun 2016

Thirteen students and two professors from the University of Maine spent the final week of May on Swan's Island doing community service projects and taking in the island's natural and cultural attractions as part of a unique May Term travel-study course. When Annette Nelligan and Laura Cowan met last fall at a seminar on service learning, they found they shared a love of Swan's Island. Nelligan, a lecturer in counselor education with the College of Education and Human Development, and Cowan, chair of the English department with the College of Liberal Arts and Sciences, decided to team up to teach a class, "Maine Island Culture and Community Engagement." "We've gone there on field trips for the multicultural education and multicultural counseling classes," Nelligan says of Swan's Island. "It's a good way to show students that Maine has many different cultures, and not just the obvious cultures of race and ethnicity, but that there can be a culture to a community." Located six miles south of Mount Desert Island, Swan's Island is home to about 350 year-round residents. In the summertime, the population swells to more than a thousand as seasonal residents and tourists inhabit the island. A ferry shuttles people and vehicles between the community and Bass Harbor up to seven times a day — a trip that takes about 40 minutes each way, depending on the weather. The main industry on the island is lobster fishing, but Nelligan says many residents also have creative jobs, including a local printing press that makes gift cards, posters and ephemera using old photographs and anything else they can get their hands on. "The people of an island community really have to rely on each other, and they have to be resourceful," she says. The idea for the class was twofold: First, to expose students to Maine island culture; and second, to have those students do community service on the island. Nelligan says they were inspired by UMaine's five-year Blue Sky Plan, in which the university's service mission is front and center as the first of five pathways to a new UMaine. Students in the Swan's Island course spent their days renovating the island's historic lighthouse keeper's house, or doing volunteer work the printing press, school, library and historical society. In addition, each student chose two books to read about Maine island life, and in the evenings they would have group discussions about their readings at one of the two rental houses where they stayed. "We had a good variety of books," Nelligan says. "We had a scientific book, 'The Secret Life of Lobsters.' We had history books, like 'A History of Swan's Island.' We had some students read novels by Ruth Moore, who lived on nearby Gotts Island. And some of the elementary education students read children's books that were about Maine islands." Cowan, who has spent part of her summers on Swan's Island for nearly 30 years, calls it a special place, where community and environment are intertwined. "In a place like Swan's Island, you can't extricate the culture from the natural world, because the natural world is so closely tied to everything that people do," Cowan says. In addition to the readings, students kept journals, documenting their impressions of Swan's Island. Cowan says she tries to teach her students to think about "a sense of place" in their reading and writing, and having class on the island helped the class understand that concept and apply it to their own lives. "Maine is a state with rich cultural diversity and incredible natural resources in terms of the coast, Baxter State Park, and the mountains and the forests and things like that," Cowan says. "And for students who've been here all their lives, that's part of their identity, even if it's not an obvious part of their identity. So anything that makes students more aware of, and able to think about the place that they're from is wonderful." Alex Chasse, a senior majoring in history and secondary education, found parallels between life on Swan's Island and in his hometown of Fort Kent. "There are a lot of similarities. Everyone seems to know one another. It's a relatively slower paced lifestyle," Chasse says. But he also noted some differences. "It was a bit difficult to get into the pace of island life," he says. "The first couple days we had a schedule, and then either because of communication issues, transportation issues, or the weather, we'd just have to play it by ear and go with what life dealt us." For example, on their fourth day on the island, several students decided to take advantage of the sunny weather to kayak three miles to nearby Marshall Island. Fortunately, they were ahead in their work on the community service projects, so they didn't feel guilty for taking the day off. For the class readings, Chasse chose two books that would help him better understand both Swan's Island and Fort Kent: "A History of Swan's Island" by H.W. Small, a doctor who lived on the island in the late 19th and early 20th centuries; and "The Aroostook War of 1839" by Gary Campbell, a book about the dispute between the United States and United Kingdom that helped establish Maine's northern border. Chasse's community service project involved scanning and digitally archiving photographs for the Swan's Island Historical Society. A 2008 fire destroyed much of the town's historical archives, so he found the work both important and enlightening. "Just seeing the past lives that have come through this community was pretty interesting," he says. "Eventually all of the photos will be put up on a website, and people will be able to search them." Now that they've returned from their trip, Nelligan and Cowan will be reviewing the students' journals, and Nelligan plans to write a research paper on how the experience changed the students' ideas about Maine island life. Chasse has some advice for anyone who plans to visit Swan's Island: "This place has a lot to provide that I think a lot of people are looking for — history, sea kayaking, canoeing, hiking trails. But you have to take it as it comes to you, otherwise you're going to be bored out of your mind." Contact: Casey Kelly, 207.581.3751; casey.kelly@maine.edu

UMaine research shows Maine consumers willing to pay more for food sustainably harvested, seafood from the state

06 Jun 2016

By Chase Brunton Maine consumers would be willing to pay more for food that is sustainably harvested and some may even be willing to spend extra for seafood harvested in Maine waters, according to a recent survey conducted by researchers in the University of Maine School of Economics. The issue, according to researchers, is that information about the source and sustainable practices of food production isn't always available. In a survey of more than 1,000 Maine citizens this spring, 75 percent of respondents indicated that they were willing to pay more for sustainably harvested food, and 30 percent believed Maine people are willing to pay extra for seafood from Maine. UMaine Assistant Professor of Economics Caroline Noblet, who collaborates on the research with Associate Professor of Marine Policy Teresa Johnson, says people do care where their food comes from and they might have preferences. But when information is incomplete or unavailable, especially in restaurants, customers' choices may be impacted. Maine restaurants owners told the UMaine researchers that tourists — not Maine residents — were far more likely to ask about seafood origins. The survey is part of a Maine Sea Grant research project called Seafood Links, studying what consumer perceptions of seafood, and learning how Maine businesses source their seafood. The goal of the research is to increase awareness and availability of local and sustainable options. Also part of the research project, Brianne Suldovsky, a Ph.D. candidate in communication, conducted preliminary interviews with people in supermarkets and at seafood festivals, asking them to write down three or four words they associated with "seafood," "local seafood" and "sustainable seafood." Her intent is to evaluate how consumers understand the word "sustainable" in relation to seafood. Most people did not differentiate between "seafood" and "local seafood." But the answers for "sustainable" were more varied. Some wrote nothing at all, or "don't know." To learn more, Suldovsky has used the results to construct a formal mail survey of 4,000 people and is now analyzing the data. The research team also visited restaurants in Bangor and Portland, conducting interviews with 15 chefs and owners. The goal, Suldovsky says, is to better understand how they decide where they get their seafood, and whether they think customers care about the source of their seafood. Some of the most interesting information concerned sourcing. In Portland, many of the restaurant owners and chefs had close connections with fishermen. Some described walking out to the docks and purchasing seafood directly from fishermen, often forming partnerships with suppliers. In contrast, chefs interviewed in Bangor spoke of limited options for getting seafood, referring to the city as the "end of the food line." They also lacked information on local seafood availability. According to the restaurant owners interviewed, restaurants had better access to local eggs, cheese, milk, and beef than local seafood, said Suldovsky. In a few rare cases, there was confusion about the original source of the seafood. "It just comes off the truck," one chef indicated. Part of the problem, according to former UMaine professor and current researcher on the project Laura Lindenfeld, is the way seafood is labeled and tracked. For example, if seafood is landed in Maine but processed in Massachusetts, it is labeled and sold as a product of Massachusetts. "It makes it confusing," said Lindenfeld. One potential solution identified by the researchers is a business that would distribute seafood from the coast to inland cities and towns like Bangor — an idea restaurant owners say they would welcome. Lindenfeld said the project started with the belief that restaurants are really important to driving cultural change. "We really want to help chefs in Maine's inland areas, especially, know what kinds of incredible resources there are, and help them make better choices about what seafood they source, where they source, and know that these alternative sources are really wonderful options," said Lindenfeld. Other major influencers of the food system are larger institutions, such as culinary schools, universities and hospitals. According to Lindenfeld, the purchasing power of these larger institutions can help "tip the scale" toward more sustainable food options. Contact: Catherine Schmitt, 207.581.1434

UMaine offering several summer youth programs

07 Jun 2016

The University of Maine is offering a variety of youth camps throughout the summer. Programs are held at both on- and off-campus locations and are available for a variety of ages. Camps focus on topics including music, sports, science, art, writing, engineering and outdoor skills. Information about specific camps is online.

Elias' chocolate study focus of BDN editorial

07 Jun 2016

Recent research conducted by Merrill "Pete" Elias, a University of Maine professor of psychology and cooperating professor in the Graduate School of Biomedical Sciences and Engineering, was the focus of the [Bangor Daily News](#) editorial, "Why you should just eat that chocolate." A recent study conducted by a team including Elias and researchers from the University of South Australia and Luxembourg Institute of Health, found chocolate intake is associated with better cognitive function. After tracking about 1,000 people for more than 35 years, the researchers did not find a rise in intelligence, but determined "people who ate chocolate on a regular basis performed better on cognitive functions than people who did not," Elias said.

Birkel's research finds 2015 warmest year in Northern Hemisphere, WWII reports

07 Jun 2016

[WVH](#) (Channel 7) reported on recent research conducted by Sean Birkel, Maine state climatologist and University of Maine research assistant professor with the Climate Change Institute. Birkel found December 2015 through February 2016 — the meteorological winter — was the warmest or near warmest on record in Maine since 1871. While cold weather still occurs, the overall climate is warmer than it was 100 years ago, which Birkel says is demonstrated by datasets from 1871 to 2015 that show 2015 was the warmest year on record on average across the Northern Hemisphere.

Dill speaks with WABI about silk coating from caterpillars

07 Jun 2016

Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, spoke with WABI (Channel 5) about the white silk coating seen on trees this time of year. The coating is from the euonymus caterpillar, which seems to have thrived during the mild winter, according to the report. The caterpillars feed on trees then spin lines of silk to get to the ground before they pupate and then turn into white moths, the report states. "It will defoliate the tree, but it won't kill the tree, as unsightly as it is," Dill said. "The silk will deteriorate over the summer and it will be gone."

Free Press, Boston Globe report on Historical Atlas of Maine publishing award

07 Jun 2016

[The Free Press](#) and [The Boston Globe](#) reported on the winners of the 2016 Maine Literary Awards, who were announced in May by the Maine Writers & Publishers Alliance. The *Historical Atlas of Maine* received the [Excellence in Publishing Award](#). The folio also recently won the best Book/Atlas category and was named Best of Show by the international Cartography and Geographical Information Society. In February, the atlas received the 2016 American Association of Geographers Globe Book Award for Public Understanding of Geography. The *Historical Atlas of Maine*, the result of a 15-year scholarly project led by University of Maine researchers, offers a new geographical and historical interpretation of Maine, from the end of the last ice age to the year 2000. The volume was published in 2015 by University of Maine Press, a division of UMaine's Raymond H. Fogler Library. It was edited by UMaine historian Richard Judd and UMaine geographer Stephen Hornsby, with cartography by Michael Hermann. The Boston Globe reported the atlas is "chock-full of fascinating aspects of the state's history." "It examines industries as disparate as logging, textiles, paper, shoes, and canned corn, and charts European settlements, environmental degradation, and population shifts, among other trends," the article states.

Press Herald previews photo exhibit coming to Lord Hall Gallery

07 Jun 2016

The Lord Hall Gallery at the University of Maine was mentioned in the [Portland Press Herald](#) article, "Heath Paley's 'weirdly interesting' photos capture diversity of Maine downtowns." The Portland-based fine-art photographer creates a single large-scale image — some as large as 8 feet wide and often mounted on aluminum — from a series of overlapping photos that he stitches together on a computer to create a composite digital image, according to the article. The Maine Arts Commission is showing 19 photographs from Paley's series on Maine downtowns through July 10 as part of the Art in the Capitol program in Augusta. "Downtown: Patterns of Life in Maine's Villages, Towns and Cities" shows small towns and big cities from Caribou to Kennebunk, Rumford to Machias. A larger selection from the series will move to Lord Hall in late July, and then to the University of Maine at Presque Isle in the winter, the article states.

French ocean energy developer joining UMaine-led offshore wind project, media report

07 Jun 2016

[Recharge](#), [SeeNews Renewables](#), [Portland Press Herald](#), [Power Technology](#), [Mainebiz](#) and the Associated Press reported French naval defense and ocean energy developer DCNS has joined the University of Maine-led New England Aqua Ventus I floating offshore wind pilot project. Last month, the project was selected by the U.S. Department of Energy to participate in the Offshore Wind Advanced Technology Demonstration program, making it one of three projects that are each eligible for up to \$39.9 million in additional funding over three years. The project aims to put a two-turbine, 12-megawatt project off the coast of Monhegan Island. New England Aqua Ventus project partners include UMaine and UMaine's Advanced Structures and

Composites Center, Emera Inc., Cianbro and now DCNS, according to the reports. The Maine Public Broadcasting Network, Daily Journal, [The Washington Times](#) and Colorado Springs' The Gazette carried the AP report.

Steneck cited in media reports on Sweden's proposed lobster ban

07 Jun 2016

The Associated Press, [Portland Press Herald](#) and [Gloucester Times](#) cited a white paper written by Robert Steneck, a marine biologist at the University of Maine's School of Marine Sciences, in reports about the dispute over a Swedish proposal to ban imports of American lobsters by European Union countries. Scientists from the United States and Canada say the proposal isn't supported by science, according to the AP. Steneck's paper, which was released by the National Oceanic and Atmospheric Administration (NOAA), refutes Sweden's claims. "All evidence that we have today indicates that the American lobster is not currently and may not be capable of ever meeting the definition of 'invasive,'" Steneck wrote. "I see no support for the arguments that it poses a clear and present danger to European waters." He added that current EU water temperatures "are too warm for successful reproduction" of American lobsters. ABC News, [Daily Mail](#) and Star Tribune carried the AP report.

Recent UMaine grad delivers comfort bags to cancer patients, WLBZ reports

08 Jun 2016

WLBZ (Channel 2) covered a recent comfort bag delivery to patients at Eastern Maine Medical Center's Lafayette Family Cancer Center in Brewer. Recent University of Maine graduate Matt Dexter led the effort as part of the Christine B. Foundation (CBF) — an organization he created to raise awareness of and funds for cancer in honor of his mother who died of stomach cancer when he was 13. The bags included puzzles, games, pens, blankets and other small items to brighten the day of those undergoing treatment, according to the report. "When I'm able to hand a comfort bag directly to a patient it really goes a long way. Anything to just get their mind off the treatment and get their mind off the reason why they're there," Dexter said. The CBF raises funds for the bags each summer through a relay run that begins in Portland, Maine and ends in New York City.

Sustainable seafood study featured in BDN blog

08 Jun 2016

The results of a recent survey conducted by researchers in the University of Maine School of Economics were the focus of the [Bangor Daily News](#) blog post, "If you knew that fish was from Maine, would you pay more?" A survey of 1,000 people found that about 75 percent of respondents said they would pay more for fish if they knew it was harvested sustainably, according to the article, and about 30 percent said they believe Maine consumers would pay more for seafood from Maine. The survey is part of a Maine Sea Grant research project called Seafood Links, which is studying consumer perceptions of seafood and learning how Maine businesses source their seafood. The goal of the research is to increase awareness and availability of local and sustainable options. The [Portland Press Herald](#) and WABI (Channel 5) also reported on the research.

Press Herald quotes Brewer in article on Sen. Collins, Trump

08 Jun 2016

Mark Brewer, a political science professor at the University of Maine, spoke with the [Portland Press Herald](#) for the article, "Moderate Sen. Collins forced into balancing act on Trump candidacy." U.S. Sen. Susan Collins has built her political career on taking moderate approaches to most issues and by responding to various controversies with level-headed diplomacy, according to the article. Presumptive Republican presidential nominee Donald Trump is testing the senator's measured style, the article states. "I don't think she ever speaks without carefully considering what she's going to say," Brewer said. He added that unless Trump changes, Collins and others will continue to be asked about him. "I'm sure that Collins and other Republicans are hoping he changes his stripes," Brewer said. "It would make it easier for them if they can say, 'He's learned his lesson.'"

Mount Desert Islander interviews Wahle about lobster industry challenges

08 Jun 2016

Rick Wahle, a marine scientist at the University of Maine, spoke with [Mount Desert Islander](#) for the article, "Changing

ecosystem, disease challenge lobster industry.” In the past decade, the Gulf of Maine has seen an increase in lobsters and a higher demand for the crustaceans in international markets. Recently, however, there have been concerns about what effects a changing climate and disease threats may have on the lobster population off the coast of the state, according to the article. “In New England, we’re sort of straddling the adverse and the positive effects, if you will, of a warming climate,” Wahle said. “The fishery has all but collapsed in southern New England, whereas not too much farther north, just into the Gulf of Maine, we’re seeing record abundance of lobsters.” Reasons for the lobster population increase off the coast of Maine include a reduction of natural predators such as groundfish and rising water temperatures, the article states. “Historically, in this eastern part of the Gulf of Maine, water temperatures have been on the cold side of the comfort zone for lobsters, so any warming actually has a favorable effect in promoting larval settlements and larval development settlement growth,” Wahle said.

BDN publishes op-ed on findings from recent grad’s Honors thesis

08 Jun 2016

The [Bangor Daily News](#) published the op-ed, “Community gardens reap good for us all — and not just vegetables,” written by recent University of Maine graduate Sarah Mullis. Mullis graduated magna cum laude in May with a bachelor’s degree in sociology and a minor in Earth sciences. She was a fellow in the Honors College’s Sustainable Food Systems Research Collaborative in 2015. UMaine faculty Amy Blackstone, Mark Haggerty, John Jemison and Melissa Ladenheim worked with Mullis to write the op-ed that highlights findings from her recent Honors thesis. Blackstone 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.

For gardeners, a picture may be worth 1,000 words

09 Jun 2016

Gardeners experiencing problems or pests can now upload photographs of the issue when submitting questions to University of Maine Cooperative Extension experts. The photo upload option is expected to increase usage of the “[Ask Our Experts](#)” site, help provide essential details and improve expert response time. “Ask Our Experts” is one of UMaine Extension’s most popular sources of information. Since its inception in 2012, people have viewed the page nearly 17,750 times. In 2015, gardeners submitted more than 100 garden-related questions and thus far in 2016, people have had 60 queries. To ask a question, visit the [website](#). More information on home horticulture is available [online](#) and by calling 581.3188, 800.287.0274 (in Maine).

Handley speaks with BDN about strawberry season

09 Jun 2016

David Handley, a University of Maine Cooperative Extension specialist of vegetables and small fruits, spoke with the [Bangor Daily News](#) for an article about the coming strawberry season. Handley wasn’t sure until recently what kind of strawberry season it would be, he said. “I’m relieved. It’s looking very good,” Handley said. “It could have been a lot worse.” Handley’s concerns came mostly from this winter’s lack of snow, according to the article. Strawberries can’t weather the cold very well, he said, and usually do OK this far north because of the snow cover that reliably insulates the plants and protects them from turkeys looking for seeds, the BDN reported. Handley said most farmers are telling him they weathered the winter and expect to be ready for the pick-your-own season to begin the third weekend in June, which is normal. At Highmoor Farm in Monmouth, the university’s apple, small fruit and vegetable research facility, where Handley works, the strawberries are ripening up nicely, the article states. “Compared to wild blueberries, the numbers for strawberries don’t look that impressive,” Handley said. “But strawberries are very important. They’re a high-value crop.”

Garder cited in Daytona Beach News-Journal article on roundabouts

09 Jun 2016

Per Garder, a civil engineering professor at the University of Maine, was cited in [The Daytona Beach News-Journal](#) article, “Florida studies show roundabouts safer than signals, signs.” Garder, who has been working on designing safe roundabouts since 1975, said lower and more predictable speeds needed to maneuver in roundabouts are the biggest reason they’re safer, but they “calm” traffic in other ways, too. “When we know what is coming, we relax,” Garder wrote in an email. “When we drive on an arterial, and there is a green light in front of us for 60 seconds, almost a mile of driving, we expect the reward of

keeping that green light when we get there. Then it suddenly changes, our cake is taken away from us, and we get frustrated and speed up rather than stop.”

Military veteran farm field day slated at Sebago Lake Ranch

10 Jun 2016

U.S. Army veteran Ben Hartwell, owner and operator of Sebago Lake Ranch, will host a free military veteran farm field day from 9 a.m. to 1 p.m. Saturday, June 18, at 39 Hardy Bridge Road, Gorham. Hartwell raises grass-fed beef cattle. The Farmer Veteran Coalition of Maine and Maine AgrAbility are sponsoring the event; the purpose is for current and prospective farmers to gain knowledge and build skills related to beef cattle handling and fencing. For more information, or to request a disability accommodation, contact Lani Carlson, 944.1533, leilani.carlson@maine.edu. More information also is available [online](#).

Mount Desert Islander previews Griffin Dill’s tick, mosquito talk

10 Jun 2016

[Mount Desert Islander](#) reported Griffin Dill, coordinator of the tick ID program at the University of Maine Cooperative Extension, will speak about how to prevent tick and mosquito bites during a presentation June 14 at Southwest Harbor Public Library. Dill’s 5:30 p.m. presentation will include information on the basic biology, life cycle and distribution of ticks and mosquitoes in Maine and will cover management and protection strategies, according to the article. WABI (Channel 5) also advanced Dill’s talk.

Glover guest on ‘The Maine Show’ podcast

10 Jun 2016

Robert Glover, an assistant professor of political science and honors at the University of Maine, was a recent guest on “[The Maine Show](#),” a podcast hosted by Bangor City Councilor Ben Sprague. In the episode, “A Closer Look at Bangor,” Glover and Bangor Daily News journalist Christopher Burns spoke about the city’s future. The discussion was based on Burns’ [article](#), “Bangor has many of these 11 things it takes to be great. Now it needs to put them to work.” The article includes references by Glover on policy research conducted by his students, in collaboration with Bangor City Council members, that looked at ways to keep college graduates in the area.

BDN cites Dill, UMaine Extension in article of Maine’s mosquitoes

10 Jun 2016

The [Bangor Daily News](#) cited Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, as well as facts provided by UMaine Extension in the article, “Maine’s mosquitoes: More than just a nuisance.” In recent years, two mosquito-borne illnesses have been reported in Maine: West Nile virus and Eastern equine encephalitis, or EEE, according to the article. Dill said that although the chances of Maine mosquitoes transmitting a deadly virus are very slim, he warns people to remember to protect themselves from the pests by wearing thick clothing, bug netting or insect repellent. “Everyone is concerned about the Zika virus and the mosquito’s transmission of it,” Dill said. “Right at the moment, two species [of mosquitoes] are known to be vectors of the virus, and we do not have either one of them established in Maine.” The article also included information from the UMaine Extension bulletin, “[Mosquito Biology](#).” [WGME](#) (Channel 13 in Portland) also carried the BDN report.

UMaine School of Performing Arts to present selections from ‘Until the War Is Over’ — an opera in one act

13 Jun 2016

Selections from an opera in one act, “Until the War Is Over,” will be presented by the University of Maine School of Performing Arts June 23. The free public event will feature a pre-performance lecture by poet Jennifer Moxley at 7 p.m., followed at 7:30 by performance of selections from the opera, which is based on “Bid Me to Live” by H.D. (Hilda Doolittle). It will be held in the Black Box Theatre in the Class of 1944 Hall on campus. The opera workshop is part of an ongoing collaboration between Moxley of the UMaine Department of English and composer Beth Wiemann, chair of the Music Division in the School of Performing Arts. The two professors wrote the chamber opera. “Until the War Is Over” will feature

Moxley, Wiemann and other UMaine artists performing with Boston-based vocalists Lindsay Conrad as H.D. and Stefan Barner as D.H. Lawrence. The performance is directed by UMaine theatre professor Tom Mikotowicz and conducted by Patrick Valentino, based in Boston. Funding was provided by the Maine Arts Commission, UMaine's Humanities Center and College of Liberal Arts and Sciences. In 2014, selections from the opera were performed by UMaine students. In addition, "Until the War Is Over" was selected for performance in Hartford Opera Theater's New in November festival in 2015. For more information about the June 23 performance or to request a disability accommodation, call 207.581.4703. Contact: Meg Shorette, 207.581.3129

Public invited to discuss ways to commemorate Maine's bicentennial

13 Jun 2016

Members of the public are invited to discuss how best to commemorate Maine's bicentennial at a free dinner hosted by the University of Maine Humanities Center in Searsport on June 16. From 5–7 p.m. at the Penobscot Marine Museum's First Congregational Church, guests will have the opportunity to take part in an informal exchange on planning for the 200th anniversary celebration of Maine's statehood in 2019–2020. Maine became the 23 state in the U.S. on March 15, 1820. The movement to separate from Massachusetts began at least as early as 1785 and gained momentum as a result of the War of 1812, according to Liam Riordan, a UMaine history professor and director of the UMaine Humanities Center (UMHC). The bicentennial of Maine's statehood prompts residents to examine several important issues that remain pressing today, Riordan says, including the origin of the idea of "two Maines" and what the state's separation from Massachusetts meant for Native Americans and sovereignty in their homelands. Participating institutions include the Belfast Historical Society, Castine Historical Society, Mount Desert Island Historical Society, Maine Historical Society, Northeast Historic Film, Osher Map Library, UMaine History Department, UMaine Native American Studies and UMaine Press, as well as the historian of Maine's Passamaquoddy Tribe. Registration is online. For more information about the event and Maine's bicentennial, visit the UMHC website or contact Riordan at riordan@maine.edu.

Brewer speaks with MPBN about GOP race in 1st Congressional District

13 Jun 2016

Mark Brewer, a political science professor at the University of Maine, spoke with the [Maine Public Broadcasting Network](#) for a report about the Republican race in Maine's 1st Congressional District. GOP voters will decide Tuesday between Mark Holbrook and Ande Smith, who are competing to take on incumbent Democrat Chellie Pingree in the fall, according to the report. Holbrook — who has been critical of Pingree and President Barack Obama — said when voters in the 1st District are offered the option of a true conservative to challenge the liberal policies of Pingree, he will win. But several political scientists, including Brewer, question his assessment, the report states. "I think that the 1st Congressional District of Maine is strongly Democratic, strongly liberal Democratic and an extremely safe Democratic district," Brewer said. The [Bangor Daily News](#) also published the report.

The Telegram cites Lobster Institute statistics in report of yellow crustacean

13 Jun 2016

The Telegram of St. John's, Newfoundland and Labrador in Canada, cited statistics from the Lobster Institute at the University of Maine in a report about a yellow lobster that was caught in Newman Sound, part of Terra Nova National Park. According to the Lobster Institute, the odds of catching a yellow lobster are one in 30 million, making it more rare than catching a blue lobster.

Burt to perform in Brass Week concert, Mount Desert Islander reports

13 Jun 2016

[Mount Desert Islander](#) reported Jack Burt, a professor of music at the University of Maine, will play trumpet during a free concert by the Bar Harbor Brass Week faculty and select alumni in Bar Harbor. The concert will be held at The Criterion Theatre at 7:30 p.m. Saturday, June 25 in celebration of Acadia National Park's Centennial, according to the article. Bar Harbor Brass Week 2001–2015 was a weeklong summer program for high school and college brass musicians selected to study with a faculty of top professionals from around the country. The faculty, along with alumni and guest players, are returning for the concert, the article states.

UMaine-led offshore wind project focus of Press Herald editorial

13 Jun 2016

The [Portland Press Herald](#) published an editorial on a University of Maine-led offshore wind power pilot project. Last month, the New England Aqua Ventus project was selected by the U.S. Department of Energy to participate in the Offshore Wind Advanced Technology Demonstration program, making it one of three projects that are each eligible for up to \$39.9 million in additional funding over three years. Last week, the consortium announced a new partner, a French defense company known as DCNS Group, that will join the university's partners, Cianbro Corp. and Emera Inc., according to the editorial. The project aims to develop a pair of experimental offshore wind turbines that would be anchored off Monhegan Island and feed electricity onto the grid. "The two-turbine demonstration project could be the proving ground of a much larger, multi-platform commercial generator, which could dramatically decrease the cost of wind power and change Maine's role in the energy pipeline," the editorial states. "We should be moving toward a clean energy future, so it's a relief to see some steps in the right direction."

Segee quoted in BDN article on effort to bring high-speed internet to Orono, Old Town

13 Jun 2016

Bruce Segee, a professor of electrical and computer engineering at the University of Maine, spoke with the [Bangor Daily News](#) for an article about leaders in Orono and Old Town planning to bring high-speed internet to their communities. As part of the effort, officials are conducting surveys to ask residents and business owners for input on where the lines should be located, according to the article. Orono and Old Town are partnering with UMaine to connect to the state's open 1,100-mile fiber-optic cable infrastructure project known as the Three Ring Binder, the article states. Segee said the new internet connections will do more than just add speed. "This is high-bandwidth, bidirectional connections," he said. "The services that can be run through it run the range of television and video to virtual reality gaming and telecommunications and any other thing people can image," he said. "It's going to be cool." The plan is to start installing the high-speed connections in the summer of 2017 and complete the project a year later, the BDN reported. WABI (Channel 5) also reported on the project.

Ellsworth American reports on UMaine sculpture garden

13 Jun 2016

[The Ellsworth American](#) published an article on a sculpture garden at the University of Maine. Jane Diamond Littlefield and her husband, Kelly, owners of the Littlefield Gallery in Winter Harbor, created the garden at UMaine in honor of Diamond Littlefield's father, the late Nathaniel "Nat" Diamond. Nat Diamond was a devoted father, dedicated and inspired teacher, and a mentor for more than three decades to dozens of young musicians in Maine's 195th Army National Guard Band, according to the article. The garden is located on the grounds of the Buchanan Alumni House and features four sculptures by artists with strong ties to Down East, Maine: Hugh Lassen's "Sea Form," Don Meserve's "Pylon," Mark Herrington's "Inanna," and Matt Foster's "Relic in Time," the article states.

Ph.D. student writes BDN article on sea lampreys

13 Jun 2016

The [Bangor Daily News](#) published Zachary T. Wood's outdoors article about sea lampreys. Wood is a Ph.D. student in the ecology and environmental sciences program at the University of Maine. In the article, "What you should know if you see this toothed monster in a Maine river," Wood described the long, eel-like creatures that use their teeth to attach to fish to extract blood and body fluids. Adult lampreys, some up to three feet long, spend their lives at sea and move up large rivers like the Penobscot in late spring to breed, according to the article. "At no point in their freshwater lives are lampreys in Maine a risk to us or our fish," Wood writes. "As adult lampreys move into freshwater to breed, they lose their digestive system, tooth enamel and vision. Any lamprey that makes it to Bangor is equipped only to swim and breed."

Press Herald interviews Walker about Speech Therapy Telepractice program

13 Jun 2016

Judy Walker, an associate professor in the Department of Communication Sciences and Disorders at the University of Maine, spoke with the [Portland Press Herald](#) for an article about the Speech Therapy Telepractice program she founded five years ago. In her former role as the chairperson of the department, Walker said she was regularly getting calls from schools asking for help with speech therapy for students with autism and other special needs. In a rural state like Maine, it can be prohibitively expensive for schools to provide that kind of support for students, she said. “It’s very clear no matter how fast we produce bodies, we’re never going to keep up with demographic trends of both aging and incidents of childhood disabilities and so on,” Walker said, noting the program has a waiting list of patients. “We had to think about a way we could deliver speech therapy in a very efficient way.” The program connects people who need speech therapy with professional therapists through online video conferencing technology. It now serves 40 clients — schoolchildren and adults — who work with four or five UMaine students and a supervisor, according to the article. Walker said she hopes to expand the program through UMaine’s age-in-place initiative that aims to help seniors stay in their homes, such as those who have suffered from strokes that left them with aphasia, a term for brain damage that affects the ability to communicate. Sarah Hunt, a UMaine graduate student who works primarily with schoolchildren in the program, said her challenge was translating her “three-dimensional skillset” into a computer program. “The telepractice piece has a higher focus (that) comes back to innovative problem-solving and engaging a child in a different way,” she said.

UMaine to host hazing research symposium

13 Jun 2016

The University of Maine will host researchers from seven other universities for a two-day meeting to discuss hazing prevention research. The event is the culmination of the Hazing Prevention Consortium, a three-year research-to-practice initiative led by UMaine Professor of Higher Education Elizabeth Allan. In addition to UMaine, the meeting will include representatives from the University of Arizona, University of Virginia, Cornell University, Lehigh University, University of Kentucky, University of Central Florida and Texas A&M University. The researchers will be reporting on results of evaluation projects related to hazing prevention as well as progress they’ve made in ending hazing on their campuses. The symposium takes place June 14–15 at the Doris Twitchell Allen Village on the UMaine campus.

Young African leaders to attend six-week public management institute at UMaine

14 Jun 2016

Twenty-five emerging leaders from Sub-Saharan Africa will spend six weeks attending an institute in public management at the University of Maine, one of 37 institutions nationwide selected for this year’s Mandela Washington Fellowship program. During their stay in Maine, June 17–July 31, the men and women will attend executive-style academic sessions led by UMaine faculty, meet with Maine leaders in Portland and Augusta, and participate in community and recreational activities in the state, including a weekend home-stay with area host families. Members of the public are invited to weekly culture exchange events on June 28, July 5, July 12, July 19 and July 25. Details about the events will be [online](#). “It is a distinct honor to be one of the 37 U.S. universities selected to host the Mandela Fellows, future leaders of African nations,” said Carol Kim, UMaine vice president for research and dean of the Graduate School. “This is a wonderful opportunity for faculty and students to interact with representatives from 17 African nations, to learn more about their countries and cultures, to share U.S. culture and perspectives, and to get to know the fellows as colleagues and friends.” The [Mandela Washington Fellowship](#), the flagship program of President Obama’s [Young African Leaders Initiative](#) (YALI), empowers young African leaders through academic coursework, leadership training, mentoring, networking, professional opportunities and support for activities in their communities. Fellows are young leaders who have established records of accomplishment in promoting innovation and positive change in their organizations, institutions, communities and countries. The 25 Mandela Fellows at UMaine are from Angola, Cameroon, Ethiopia, The Gambia, Ghana, Kenya, Malawi, Mauritius, Nigeria, Rwanda, Seychelles, South Africa, Swaziland, United Republic of Tanzania, Togo, Uganda and Zambia. They are among 1,000 young African leaders ages 25 to 35 who were selected from more than 43,000 applications. The fellows are being hosted at institutions across the United States this summer, studying in institutes focused on business and entrepreneurship, civic leadership, public management or energy. In addition, fellows will participate in community programming that offers insights into American culture. The fellows coming to Maine are experts in their fields, working in areas that include natural resources and wildlife management, environmental engineering, agriculture, education, energy and international development. In UMaine’s Public Management Institute, the participants will learn about regional economic and workforce development, financial management in public and nonprofit organizations, environmental policy management, and the global knowledge economy. Among the academic themes: climate change and public management, the economics and management of solar energy technologies, and river to coast management of water resources. Field trips for the participants include Augusta visits to the Maine Public Utilities Commission, Blaine

House and State House; and Portland visits to the Maine Turnpike Authority, Maine International Trade Center and a Portland Sea Dogs baseball game. They also will visit Bailey Island and Acadia National Park. In addition to UMaine, 11 other universities are hosting 2016 Public Management Institutes for Mandela Fellows, including Arizona State University, Syracuse University, Ohio State and University of Wisconsin, Madison. Carol Kim is co-leading the institute with Jonathan Rubin, professor of economics with the Margaret Chase Smith Policy Center, and Daniel Dixon, sustainability director. Following their six-week academic and leadership institutes, the Mandela Fellows will meet in Washington, D.C. for a Presidential Summit. Additionally, some will spend another six weeks in professional development training with U.S. nongovernmental organizations, private companies and government agencies. Upon their return home, fellows receive ongoing professional development opportunities, including mentoring, networking and training, and seed funding to support their ideas, businesses and organizations, according to the Mandela Washington Fellowship website. More information about the Mandela Washington Fellowship is [online](#). Contact: Margaret Nagle, 207.581.3745

Sustainable Agriculture Field Day Tour at Rogers Farm June 30

14 Jun 2016

A Sustainable Agriculture Field Day Tour is scheduled from 4:30 to 7 p.m. Thursday, June 30 at University of Maine's Rogers Farm, 914 Bennoch Road, Old Town. Registration starts at 4 p.m. The field day will focus on research results and sustainable farming practices of small grains, potatoes, vegetable weed control, and risk management for small production farmers. Speakers include research staff and graduate students from the UMaine College of Natural Sciences, Forestry, and Agriculture and UMaine Extension specialists. The event is free; 2.5 Certified Crop Adviser credits and one Pesticide credit will be offered. Refreshments will be provided. More about the event is [online](#). For more information or to request a disability accommodation, contact John Jemison, 207.581.3241, jemison@maine.edu. More information about sustainable agriculture research at Rogers Farm is on the farm's [website](#).

UMaine to conduct economic impact study for Bar Harbor, Cruise Industry News reports

14 Jun 2016

[Cruise Industry News](#) reported Bar Harbor has earmarked \$9,420 to study the economic impact of cruise ship passengers visiting the town. The survey will be conducted this summer by Todd Gabe and James McConnon, professors of economics at the University of Maine. The university will distribute around 3,000 surveys to passengers over the 2016 cruise season, with a final report estimated to be finished before Feb. 1, 2017, according to the article. Gabe and students did a similar study in 2002. The Maine Port Authority is involved with the survey and is splitting the cost with Bar Harbor, the article states.

Media report SMART participant, recent Bangor High grad given key to city

14 Jun 2016

WLBZ (Channel 2), WABI (Channel 5) and [WVII](#) (Channel 7) reported Paige Brown, a recent Bangor High School graduate, was given the key to the city at a Bangor City Council meeting. In March, Brown received one of three first-place awards — worth \$150,000 — from Intel Science Talent Search, a national competition recognizing the brightest young minds in science. Brown, who participated in the NSF-EPSCoR supported Stormwater Management Research Team (SMART) program at UMaine in 2014 and 2015, won the First Place Medal of Distinction for Global Good for a gadget she invented to improve water quality. While participating in SMART, Brown studied the water quality of six environmentally impaired local streams with high E. coli levels and five with high phosphate contamination levels. “I am incredibly honored to receive the key to the city,” Brown told WABI. “It’s an honor beyond my wildest dreams, and I never thought by initiating this research project that it would get me to a point like this. And just throughout this whole process of working on research, it’s a lot of work but I found that it’s had quite a bit of pay off.”

Morning Sentinel interviews Handley about central Maine strawberry season

14 Jun 2016

David Handley, a University of Maine Cooperative Extension specialist of vegetables and small fruits, spoke with the [Morning Sentinel](#) for the article, “Central Maine strawberry season will only be a few days late, despite mixed weather.” The unpredictable winter and spring weather have put strawberries at central Maine farms through everything this season, but the results should be fine and only a few days late for some farmers, according to the article. Handley, who works at Highmoor

Farm in Monmouth, said strawberries like cool temperatures — in the 60s or 70s — and too much heat will cause the fruit to ripen too quickly. Cooler weather lately may slow things down a little bit, but that's the worst-case scenario, Handley said. He added strawberries also require a delicate balance of rain because too much will cause the fruit to rot. "Right now we're kinda holding our breath," he said. The Maine Public Broadcasting Network also interviewed Handley about the strawberry season.

BDN reports on talk, visit by chair emeritus of Nobel Assembly in Medicine

14 Jun 2016

The [Bangor Daily News](#) reported on a recent visit and talk by Dr. Sten Lindahl, chair emeritus of the Nobel Assembly in Medicine in Sweden. For 16 years, Lindahl was part of a team that vetted scientific findings to determine who would take home the Nobel Prize in Physiology or Medicine, according to the article. He was in Maine to deliver "Beyond Borders — a Nobel Prize Story" in Minsky Recital Hall at the University of Maine. The lecture and following reception were presented by UMaine and organized by the Anesthesia Professional Services Department of Eastern Maine Medical Center. Lindahl said he planned to speak about Alfred Nobel, the Swedish chemist and engineer who invented dynamite; the origins of the Nobel Prize; what it takes to win a Nobel Prize; and how much Nobel Prize-winning science has changed over the years — and how much it hasn't, the article states. Ahead of his talk, Lindahl met with two young Maine scientists who recently graduated high school — Paige Brown from Bangor High School and Demetri Maxim from Gould Academy in Bethel. In March, Brown won the Intel Science Talent Search, a national competition recognizing the brightest young minds in science. After studying Bangor's impaired streams, she developed a system to remove phosphates from polluted water, preventing algal bloom growth, which harms other life in the stream, according to the article. Brown studied water quality while participating in the NSF-EPSCoR supported Stormwater Management Research Team (SMART) program at UMaine in 2014 and 2015. "It's fabulous, at that age, to be so mature and so deep into these defined projects," Lindahl said after speaking with the students about their research. WABI (Channel 5) also reported on Lindahl's visit with the students.

Witt, UMaine Gardens at Tidewater Farm featured on WLBZ

14 Jun 2016

WLBZ (Channel 2) spoke with Amy Witt, a horticulturist with the University of Maine Cooperative Extension, about the UMaine Gardens at Tidewater Farm in Falmouth. UMaine Extension, which has offices in all 16 counties in Maine, reaches out to the community through educational offerings, according to the report. One of its newest efforts is the garden in Falmouth where guests can learn about a variety of gardening topics, including vegetables and plants, bees, preserving harvests and wildlife, the report states. At the farm, Witt showed WLBZ the All-America Selections Display Garden, which contains plants that are being grown using researched-based techniques that are environmentally friendly and sustainable. "The plants in this All-America Selections Garden do more than to provide beauty or even food," Witt said. "They provide horticulturalists a chance to learn just how well these plants will do in our climate."

UMaine Extension resource focuses on family conversations during difficult times

15 Jun 2016

University of Maine Cooperative Extension resources and publications include a bulletin on tips for helping family members communicate during times of stress and tragedy. The UMaine Extension publication, "Family Conversations During Hard Times," was developed by Leslie Forstadt, a child and family development specialist; and Kristy Ouellette, an assistant Extension professor. The online resource includes the [video](#), "How to talk to kids when bad things happen."

Vekasi selected for U.S.-Japan Network for the Future program

15 Jun 2016

A University of Maine political scientist is one of 12 scholars selected to participate in the two-year [U.S.-Japan Network for the Future](#) program, designed to identify and support American professionals with the potential to become Japan specialists and policy experts. Kristin Vekasi, an assistant professor in the Department of Political Science and the School of Policy and International Affairs, is a member of the network's fourth cohort. Established in 2009, the U.S.-Japan Network for the Future is sponsored by the Maureen and Mike Mansfield Foundation, and the Japan Foundation Center for Global Partnership. During the two-year program, Vekasi and the 11 other newly selected scholars will participate in a Washington, D.C.-based workshop

and meetings, and a weeklong Japan study trip. They also will conduct research and write on U.S.-Japan policy issues. Vekasi's research focuses on international political economy, and the dynamics of political conflict, foreign direct investment and nationalism. She specializes in northeast Asia, and has spent years conducting research in Japan and China. Her current research looks at how Japanese multinational corporations mitigate political risk in China. Last October, Vekasi was a member of the Maine trade mission delegation to Japan and China. Vekasi received her Ph.D. in political science from the University of Wisconsin, Madison in 2014. Prior to joining the UMaine faculty, she taught at New College of Florida, was a visiting research fellow at the University of Tokyo and a Fulbright Fellow at Tohoku University. A news release about the new cohort of the U.S.-Japan Network for the Future is [online](#).

Fernandez discusses skepticism of science on MPBN's 'Maine Calling'

15 Jun 2016

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 episode, "Science Skepticism," examined why the public often questions the validity of scientific evidence.

BDN interviews Jackson about 'new normal' weather for Maine's growing season

15 Jun 2016

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, "Drought plus cold adds up to 'a different kind of growing season.'" So far this year, Maine farmers and gardeners have been contending with bizarre weather patterns and having their old assumptions about how to grow vegetables and fruits challenged, according to Jackson. "This is definitely a different kind of growing season," she said. "It does follow a pattern we're seeing a lot more frequently, which is variation in climate. This is going to be our new normal. Learning how to roll with the weather at different times of year is what we're spending a lot of time on at [the University of Maine Cooperative Extension]." To cope with the unpredictable conditions, Jackson offered tips such as installing drip and overhead irrigation to shield crops from frost and using row covers and tunnels to protect delicate seedlings.

Glover featured in WalletHub study on cities that most, least resemble US

15 Jun 2016

Robert Glover, an assistant professor of political science and honors at the University of Maine, was featured in the "Ask the Experts" section of a [WalletHub](#) study about 2016's metro areas that most and least resemble the United States. Glover said recent research suggests that diversity can be important in growing one's local economy, particularly the "creative economy." When asked what lessons can be learned from the social, political and economic experience of cities that closely resemble the U.S. that might benefit the country as a whole, Glover said it's never easy to change the demographics of contemporary communities. "However, over generations, these strategies can play out and reap dividends: culturally diverse communities, entrepreneurial energy, a robust labor force; and over time we can see growth in ambitious, educated residents who are hungry for their piece of the 'American dream.'"

Media report on Morse's scallop aquaculture research

15 Jun 2016

The [Portland Press Herald](#) and Global Aquaculture Advocate cited research by Dana Morse, a scientist with Maine Sea Grant and University of Maine Cooperative Extension, in articles on Mainers testing a Japanese method to farm scallops. Maine sea farmers hope the "ear-hanging" technique will grow larger mollusks faster than current methods do, according to the Press Herald. The method calls for drilling a hole in the "ear" of the scallop shell — one of two flat corners of the shell near the hinge — so that it can be tied to a submerged line for grow-out, Global Aquaculture Advocate reported. Morse visited Aomori, Japan in 1999 and came back with the belief that scallop aquaculture would offer the state fishing industry much needed economic and species diversification, the Press Herald reported. Morse is now studying growth rates, biotoxin accumulation rates, biofouling, and yield and market value of ear-hanged scallops at several state-sanctioned lease sites around Maine, including near UMaine's Darling Marine Center on the Damariscotta River, the article states. "Since early March of this year we are already seeing very strong growth rates with scallops," Morse said. "We're very optimistic."

SEA Fellows explore university-industry marine partnerships

15 Jun 2016

Eight students from Maine universities delved into the science and practice of marine aquaculture last week, thanks to an innovative new program developed by the University of Maine and University of Maine at Machias. Students visited sites from Walpole to Eastport under the leadership of UMaine Darling Marine Center director Heather Leslie and UMM professor Brian Beal. Leslie and Beal developed the SEA (Science for Economic Impact & Application) Fellows initiative to catalyze university-industry partnerships related to the state's marine economy. "Students are hungry to learn more about how their developing skills as researchers can be applied to problems that really matter to Maine communities and marine businesses," says Leslie, who also is the Libra Associate Professor in UMaine's School of Marine Sciences. "This week got them off to a great start." SEA Fellows hailed from Maine as well as from other states. This year's Fellows are: Antonia Barela of New Boston, New Hampshire; Caroline Carrigan of Topsham, Maine; Emmah Day of Exeter, Maine; Justin Lewis of Rochester, New York; Melissa Rosa of New Haven, Connecticut; Molly Sisk of Plymouth, Minnesota; Margaret Towle of Gorham, Maine; and Breanna Whittemore of Bridgewater, Massachusetts. Descriptions of their projects are posted on the Darling Marine Center website. Fellows met with marine entrepreneurs at five industry sites — Mook Sea Farm in Walpole; Maine Coast Sea Vegetables in Hancock; Moosabec Mussels Inc. in Jonesport; A.C. Inc. in Beals; and Cooke Aquaculture in Eastport — during the weeklong orientation. They also learned from researchers engaged in aquaculture-related work at the Darling Marine Center in Walpole, UMaine's Center for Cooperative Aquaculture Research in Franklin, and the Downeast Institute for Applied Marine Research and Education in Beals. One emerging theme from entrepreneurs on the tour was that they are engaged in both aquaculture and traditional fisheries. For instance, the kelp harvested by Maine Coast Sea Vegetables is collected from the wild, but company founder Shep Erhart is starting to culture kelp in collaboration with researchers from the UMaine School of Marine Sciences and Maine Sea Grant because he recognizes farming seaweeds as a potential boon to his business. Moosabec Mussels CEO Ralph Smith is engaged in a similar collaboration focused on mussels with Beal, who is the scientific director of the Downeast Institute as well as a professor at UMM. Students say they particularly appreciated learning from industry leaders about how research informs business plans, and how science could be helpful in further building Maine's marine economy. "My experience is primarily biological, and I think it'd be helpful to get some lobster 'street cred' by working more directly with fishermen," says Rosa, an SEA Fellow from University of New England. Towle, an SEA Fellow from UMaine, echoed that sentiment: "I know about the science," she says. "I want to learn more about why it matters." SEA Fellows will share their science and talk about why it matters during a free afternoon symposium Aug. 11 at the Darling Marine Center. To register, email Kathleen Thornton, kthornton@maine.edu. The SEA Fellows initiative is funded by a U.S. National Science Foundation award to Maine ESPCoR, which supports [Sustainable Ecological Aquaculture Network \(SEANET\)](#) projects throughout the state. The program also benefited from in-kind support from the Darling Marine Center and the University of Maine at Machias marine field station at the Downeast Institute. Contact: Linda Healy, 207.563.8220

Andean Past journal now published on Digital Commons

16 Jun 2016

The journal Andean Past, founded at Cornell University in 1986 by Dan Sandweiss, is now sponsored by the University of Maine and published on Digital Commons. The latest volume is [online](#); prior issues will be uploaded in the coming months. Andean Past is a peer-reviewed, open-access journal dedicated to research in the archaeology and ethnohistory of western South America and focused largely on precolumbian times, contributing to understanding of indigenous cultures before 1492. It is an outgrowth of the annual Northeast Conference on Andean Archaeology and Ethnohistory, founded at Cornell in 1982 by Sandweiss, a UMaine professor of anthropology, and quaternary and climate studies.

Camire speaks about functional food for Health Bites blog

16 Jun 2016

Mary Ellen Camire, a University of Maine professor of food science and human nutrition and past president of the Institute of Food Technologists (IFT), was interviewed for an article on functional food for Vitacost's [Health Bites](#) blog. Camire said functional foods are defined as any fare that provides health benefits beyond basic nutrition. Functional foods include conventional foods; fortified, enriched or enhanced foods; and dietary supplements, according to the IFT. However, the functional foods trend is more focused on everyday natural foods that also happen to fight disease or improve your health, the article states. "Functional foods might offer protection from developing chronic diseases or strengthen immunity," Camire said. She added functional foods have gained in popularity as the population has started to age. "The proportion of older adults —

over 50 years old — is growing all over the world,” she said. “Functional foods are no fountain of youth, [but] some reduce inflammation, improve mood or moderate blood glucose levels.”

Public discussion to focus on Maine’s bicentennial, WABI reports

16 Jun 2016

[WABI](#) (Channel 5) reported members of the public are invited to discuss how best to commemorate Maine’s bicentennial at a free dinner hosted by the University of Maine Humanities Center in Searsport on June 16. From 5–7 p.m. at the Penobscot Marine Museum’s First Congregational Church, guests will have the opportunity to take part in an informal exchange on planning for the 200th anniversary celebration of Maine’s statehood in 2019–2020.

Jackson’s Art Blog interviews Groce about her work, printmaking process

16 Jun 2016

[Jackson’s Art Blog](#), a website of Jackson’s Art Supplies, published an interview with Susan Groce, an art professor at the University of Maine. The article referred to Groce as “one of the pioneers of environmentally safer printmaking in the United States.” After spending time at Edinburgh Printmakers at the start of the nontoxic printmaking movement, Groce returned to the United States over a decade ago to lead the UMaine Department of Art’s transition into safer printmaking processes, according to the article. “From my perspective, I see more and more programs and individual artists becoming knowledgeable and well versed in incorporating greener materials,” Groce said. “I do believe it is becoming more mainstream — as with anything — if greener product results are equal to or better than the more hazardous materials and the costs are either comparative or cheaper — why choose otherwise?”

WVH covers hazing prevention research forum

16 Jun 2016

[WVH](#) (Channel 7) reported on a two-day meeting held at the University of Maine to discuss hazing prevention research. The event was the culmination of the Hazing Prevention Consortium, a three-year research-to-practice initiative led by Elizabeth Allan, a professor of higher education at UMaine. In addition to UMaine, the meeting included representatives from seven other universities who reported on results of evaluation projects related to hazing prevention as well as progress they’ve made in ending hazing on their campuses. “What we are doing is about shifting culture and so we are really at the cutting edge,” Allan said. “These campuses that have committed to this work are really path breaking.”

Three more UMaine students earn prestigious NSF graduate fellowships

17 Jun 2016

Three University of Maine graduate students have received a National Science Foundation Graduate Research Fellowship, which recognizes outstanding graduate students in NSF-supported science, technology, engineering and mathematics disciplines. The three fellows awarded in 2016 — incoming students Anna McGinn and William Kochtitzky in the Climate Change Institute and School of Earth and Climate Sciences, respectively, and Kit Hamley in the Climate Change Institute — join two others at UMaine — Anne Marie Lausier, civil and environmental engineering, and Karen Stamieszkin, marine sciences. Five is the largest number of students to be awarded concurrent NSF Graduate Research Fellowships in UMaine history. For the 2016 competition, NSF received close to 17,000 applications and made 2,000 award offers. The fellowship, which has been directly supporting graduate students in STEM fields since 1952, provides a three-year annual stipend of \$34,000, plus \$12,000 for tuition and fees and myriad opportunities for international research and professional development. Short profiles of UMaine’s NSF Graduate Fellows: **Anna McGinn** Anna McGinn is a first-time fellow and incoming master’s student in the Climate Change Institute and the School of Policy and International Affairs. For her project, she hopes to evaluate the elements that make up a conflict-sensitive adaptation project and what the necessary steps are to implement conflict-sensitive projects in countries vulnerable to both climate change and conflict. She plans to travel to West Africa, Mozambique and Egypt to conduct a case study looking at projects currently under implementation and how they may impact the surrounding community. McGinn received her B.A. in environmental studies from Dickinson College in 2014, where she focused on climate change, environmental justice and climate vulnerability. **William Kochtitzky** William Kochtitzky is a first-time fellow and incoming master’s student in the School of Earth and Climate Sciences. His undergraduate thesis focused on the volcanic and glacial evolution of the Nevado Coropuna Ice Cap, which sits atop a dormant volcano in the southern

Peruvian Andes. The ice cap provides water resources to surrounding communities for drinking water, electricity and agricultural production. His project, in collaboration with the Peruvian Volcano Observatory, is changing regional hazard assessment and resource water planning in southern Peru. Kochtitzky received his B.S. in Earth sciences from Dickinson College in May 2016. **Anne Marie Lausier** Anne Marie Lausier is a continuing fellow and master's student in civil and environmental engineering. Her research focuses on the inclusion of stakeholder equity considerations in water management and decision-making. She is currently assessing case studies of the Integrated Water Resources Management (IWRM) framework and identifying features that contribute to or detract from achieving an environmental stewardship approach. Her goal is to help facilitate the movement of water policy closer to sustainability in a changing environment. Lausier was awarded an NSF graduate fellowship in 2014. Before attending UMaine, Lausier received a bachelor's degree from The George Washington University in Washington, D.C., with a double major in geography and environmental studies. **Karen Stamieszkin** Karen Stamieszkin is a continuing fellow and a Ph.D. student in oceanography in the School of Marine Sciences. Stamieszkin was awarded an NSF Graduate Research Fellowship in 2012 and will be graduating with her Ph.D. in August. Her research explores zooplankton fecal pellet carbon export in the ocean using modeling, observational and experimental work. Fecal pellet carbon export is the portion of fecal material produced by organisms living near the ocean's surface, which sinks deep enough into the ocean that it is not mixed back up to the surface for many — up to thousands of — years. By applying the models to datasets that span the North Atlantic Ocean, more than 55 years, she explores how changing plankton communities and oceanographic conditions can change the export of fecal pellet carbon from the surface of the ocean to deeper depths where it can be stored. Her experiments show that feeding by zooplankton, and subsequent fecal pellet production, shifts the mean size of particles in the water to larger sizes. Since larger particles generally sink faster than smaller particles in the ocean, the process of feeding and defecating is a mechanism through which zooplankton can increase the potential for carbon export. She received her master's in environmental science and her B.A. in environmental studies from Yale University. **Kit Hamley** Kit Hamley is a first-time fellow and master's student in the Climate Change Institute. For her thesis, Hamley is investigating the origins of an extinct canid — the warrah — that was endemic to the Falkland Islands. She's working to determine if pre-European humans introduced the foxes to the islands using an interdisciplinary approach that combines the fields of archaeology, paleoecology and paleontology. She also is interested in the effect the introduction and eradication of a top predator had on the remote island ecosystem. Hamley hopes this study will contribute to key questions in conservation and management on islands, such as biological invasions, disturbance regimes and natural variability, and is particularly interested in the role humans play in these interactions. She helped develop the 4-H Follow A Researcher™ (FAR) program at UMaine, which connects K–12 students with active graduate research at the university. She will continue her research at UMaine this fall as a Ph.D. student in the ecology and environmental science program. She received a B.A. in geology from Bowdoin College in 2010. Contact: Amanda Clark, 207.581.3721

BDN reports on new guide by Orono Bog Boardwalk founder, professor emeritus

17 Jun 2016

The [Bangor Daily News](#) reported on a new book written by Ronald Davis, professor emeritus at the University of Maine School of Biology and Ecology and Climate Change Institute. Davis' book, "Bogs and Fens: A Guide to Peatland Plants of the Northeastern United States and Adjacent Canada," was released June 7 by the University Press of New England. The resource covers 155 of the species of plants and serves as a guide to 78 peatlands with boardwalks throughout the region, according to the article. Davis is the founder of the 4,200-foot-long Orono Bog Boardwalk located in the Rolland F. Perry City Forest, commonly known as the Bangor City Forest. Today, the boardwalk is operated and managed by a committee and a group of devoted volunteers as a joint venture of UMaine, the city of Bangor and the Orono Land Trust, the article states.

Kaye quoted in BDN article on Father's Day gifts for older adults

17 Jun 2016

Len Kaye, director of the University of Maine Center on Aging and professor in the UMaine School of Social Work, spoke with the [Bangor Daily News](#) for the article, "What not to buy your baby boomer dad, or his dad, for Father's Day." According to Kaye, the delayed federal designation of Father's Day, along with the predictable lineup of "manly" gift options that retailers tout, reflects a larger, often dismissive, societal attitude. "Men aren't just big, bruising, macho tough-guys," he said. "More than 40 percent of caregivers in this country are men — husbands, sons, nephews and grandsons — caring for a family member. It's important that we honor them and allow them to do it. But when men take that step and perform functions more typical to women, they almost get made fun of." Kaye said for Father's Day family members should consider ways to support men's continued growth and maturity. "The fact is that, like women, men discover unknown talents and interests as they age," he said. "They get more comfortable in their own skin. It can really be a time of transformation."

International fish, shellfish immunology conference to include four keynote presentations

17 Jun 2016

About 250 researchers and industry leaders from around the world are expected to attend the second International Conference of Fish & Shellfish Immunology June 26–30 in Portland, Maine. The University of Maine Aquaculture Research Institute is hosting this year's international conference at the Holiday Inn By the Bay on behalf of the International Society of Fish & Shellfish Immunology (ISFSI). The conference aims to improve the health and welfare of wild and farmed aquatic animals in the United States and around the world by bringing together leaders in the field from universities, research institutions and the industry, according to Anne Langston, associate director of UMaine's Aquaculture Research Institute (ARI), an international center for aquaculture research and development and home to the Sustainable Ecological Aquaculture Research Network (SEANET). Four keynote speakers are scheduled to present throughout the conference:

- Monday, June 27: Chris Secombes of the Scottish Fish Immunology Research Centre at the University of Aberdeen, "What's new in fish cytokine research?"
- Tuesday, June 28: Bassem Allam of the School of Marine and Atmospheric Sciences at Stony Brook University, "Bivalve immunity and response to infections: Are we looking at the right place?"
- Wednesday, June 29: Marta Gomez-Chiarri of the Fisheries, Animal and Veterinary Sciences Department at the University of Rhode Island, "Novel expanded immune gene families in the Eastern oyster *Crassostrea virginica*."
- Thursday, June 30: Jeff Yoder of the Department of Molecular Biomedical Sciences at North Carolina State University, "The astounding and confounding complexity of innate immune receptors within and between teleost species."

Presentations will start at 9 a.m. in the Vermont/New Hampshire Room of the Holiday Inn by the Bay. The conference also will include plenary lectures as well as oral and poster presentations covering a range of topics including immunology, molecular biology and microbiology. Conference sponsors include ARI, Elsevier, ISFSI and FishVet Group. Conference organizers collaborated with UMaine Conference Services to plan the event. [Fish and Shellfish Immunology](#), the official journal of ISFSI published by Elsevier, has printed a special issue to accompany the conference. In 2013, the conference was held in Spain and attracted more than 300 attendees. Although this is the second international conference of ISFSI, the group has been meeting for more than 25 years, according to the conference [website](#). More about the conference is available [online](#) or by contacting Langston at anne.langston@umit.maine.edu, 581.4397; or Tim Bowden at timothy.bowden@umit.maine.edu, 581.2772.

High school students to study stormwater management at annual UMaine institute

17 Jun 2016

About 85 high school students and nearly 20 teachers from around Maine, as well as other parts of the country, will gather at the University of Maine for a multiday program that focuses on creating innovative solutions to environmental problems related to stormwater management. Students from 16 high schools in Maine and one in both New York and Missouri will work with university faculty, undergraduate and graduate students, city and state planners, engineering consulting companies, nonprofit organizations, teachers and community leaders during the UMaine Stormwater Management Research Team (SMART) Institute that runs from Sunday, June 26 through Wednesday, June 29. Now in its third year, the SMART program aims to engage a diverse group of students and teacher-mentors 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 — has nationwide applicability and appeal, program organizers say. This is the first year out-of-state high schools have been involved in the program. Conference presentations by SMART project leaders and other publicity have contributed to an increased national interest in the program. The institute at UMaine kicks off a yearlong program for students and teachers by introducing them to the science and engineering of stormwater management, including its impact on the environment and local economy. At the conference, students will collect water samples on the Stillwater River, analyze that data, build their own digital temperature sensors and present their findings at the end of the institute. The hands-on projects are led by STEM professionals in areas such as engineering design, water chemistry, data analysis and visualization and information technology. Participants will tour UMaine labs and stormwater areas on campus, as well as the Orono wastewater treatment facility. Throughout the academic year with their teacher-mentors, students are required to apply the skills they learned during the institute to research a local water body and perform outreach to younger students and their community. An opening session will be held 8–9 a.m. Monday, June 27 in the Hill Auditorium of Barrows Hall. Jeffrey Hecker, UMaine's executive vice president for academic affairs and provost, is expected to welcome the participants. Paige Brown, a 2014–2015

SMART Institute participant and recent Bangor High School graduate, will deliver the keynote address for the second year. Brown's talk, "Constructing Inexpensive Calcium Alginate Based Scaffolds for Phosphate Sorption," will contain a review of her stormwater remediation research project. In March, Brown received one of three first-place awards — worth \$150,000 — from Intel Science Talent Search, a national competition recognizing the brightest young minds in science. Brown, who invented a device for improving water quality, won the First Place Medal of Distinction for Global Good, which recognizes a finalist who demonstrates great scientific potential through their passion to make a difference. Among numerous other awards, she also is the recipient of the 2015 Maine Stockholm Junior Water Prize, a prestigious youth award for a water-related science project. While participating in SMART, Brown studied the water quality of six environmentally impaired local streams with high E. coli levels and five with high phosphate contamination levels. The final day of the institute, June 29, will include student presentations and a closing ceremony in Hill Auditorium at 1 p.m. The SMART Institute is open to 10th- and 11th-grade students. Females and minorities are strongly encouraged to apply. The program, which is offered in collaboration with Bangor High School, also trains high school teachers to co-facilitate the academic-year internships. This year's participating Maine high schools include Bangor, Portland, South Portland, Calais, Old Town, Orono, Lewiston, Searsport District High School, Belfast Area High School, Edward Little in Auburn, Greely in Cumberland, Deering in Portland, Shead in Eastport, R.W. Traip Academy in Kittery, Leavitt Area High School in Turner and Washington Academy in East Machias. Two teachers and five students from Lincoln High School in Yonkers, New York and Camdenton High School in Camdenton, Missouri also are expected to attend. 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), Bangor Savings Bank and IDEXX Corp, as well as Carlton W. Ellms '71 and Sally Devereux Ellms '70. The SMART program has been recognized nationally by the Institute of Electrical and Electronic Engineers' (IEEE) InSight magazine as a "Model for Boosting STEM Literacy" and will appear in the upcoming issue of ChemMatters magazine produced by the American Chemical Society. IEEE also recognized Mohamad Musavi, SMART director and associate dean of the College of Engineering at UMaine; and Cary James, head of the Bangor High School science department, with its national K-12 STEM Literacy Educator-Engineer Partnership Award in 2014. Musavi says he has been encouraged by the National Science Foundation (NSF) to propose a plan for scaling up the project nationally and has been invited to present at the NSF Distinguished Speaker Series. Contact: Elyse Kahl, 207.581.3747

Revolution Research awarded funding to develop eco-friendly foam board

20 Jun 2016

Revolution Research, Inc. was awarded funding last week from the Maine Technology Institute and the National Science Foundation to develop eco-friendly fire-retardant and water-resistant thermal insulation foam board. Nadir Yildirim, president of the company, is a University of Maine Innovation Engineering program graduate and doctoral candidate in forest resources. His spinoff company from the UMaine Advanced Structures and Composites Center was awarded \$25,000 by MTI and \$22,500 by the NSF.

BDN publishes release about Maine 4-H Foundation

20 Jun 2016

The Bangor Daily News ran a media release about the Paris Hill Country Club partnering with the Maine 4-H Foundation. This summer, the club will donate a portion of fees from every paid 18-hole round of golf fees to the Maine 4-H Foundation, which supports University of Maine Cooperative Extension programs. The club also will submit each player's name into a raffle to win \$10,000 to be drawn on Labor Day, according to the article. The funds will support 4-H youth in Western Maine through education and outreach; 4-H is one of the largest youth development programs in Maine with a rich history in agricultural education.

Shawn Walsh featured in BDN article about mentor Ron Mason

20 Jun 2016

Former University of Maine hockey coach Shawn Walsh was mentioned in a [Bangor Daily News](#) story about his mentor Ron Mason, who recently passed away at age 76. Walsh, who died in 2001 after battling cancer, once joked that he made the Bowling Green State University hockey team as a third-string goalie because coach Mason could score on him in practice. Mason was the second winningest coach in Division I college history. Walsh went on to lead the Black Bears to two national

titles. Walsh and Mason's daughter Tracey married and had two sons, Tyler and Travis Walsh, according to the article.

Citizen scientist training previewed in KJ, Sentinel

20 Jun 2016

The [Kennebec Journal](#) and Morning Sentinel ran a media release about a University of Maine Cooperative Extension and Maine Sea Grant program that trains volunteers to become citizen scientists. Signs of the Seasons training will be offered 4-6:30 p.m. Wednesday, June 29, at Maine Lakes Resource Center in Belgrade. For more information and to register, visit umaine.edu/signs-of-the-seasons or contact Esperanza Stancioff, esp@umaine.edu or 207.832.0343.

Breece cited in Sun Journal article on craft breweries

20 Jun 2016

Jim Breece, associate professor of economics, was cited in a [Sun Journal](#) article about the Maine craft beer scene. Breece, who co-authored an economic impact study for the Maine Brewers' Guild two years ago, says there's still room for substantial growth, even with 79 active licensed breweries and 12 more on tap. "I don't think there's any county in Maine that isn't touched by the craft beer industry — they're growing the inputs or they're producing it or both," Breece says in the article. "These small businesses, they need professional services, like accounting and marketing, HR services, office supplies. When they build new factories, they're going to hire Maine workers. It's just mushrooming, and the more activity there is, the more mushrooming there will be."

Maine magazine celebrates Dagher as doer charting state's future

20 Jun 2016

Habib Dagher, founding director of the University of Maine Advanced Structures and Composites Center and professor of civil and environmental engineering, was featured in [Maine](#) magazine's special issue highlighting dreamers and doers "charting the state's future." Last year, Dagher was recognized at the White House as a Transportation Champion of Change for his work on an award-winning composite arch bridge system, known as Bridge-in-a-Backpack. Some of Dagher and the Advanced Structures and Composite Center's other notable projects, according to the article, include an enhanced ballistic protection for soldiers tents, a partnership with NASA to produce technology to help land people on Mars and a floating wind turbine.

Patriots.com highlights former UMaine cheerleading captain

20 Jun 2016

University of Maine graduate Bonnie Gardner Drumm was featured in a Patriots.com piece titled 'Where Are They Now?' The former captain of the UMaine and Patriots cheerleading squads owns Permanent Cosmetics and lives in Binghamton, New York with her husband Kevin Drumm.

UMaine graduate students help inform sustainable ocean management practices

20 Jun 2016

Nineteen graduate students in the School of Marine Sciences at the University of Maine are helping ensure that European fisheries sustainably utilize ocean resources. The students participated in 20 stock assessment student reviews for European fisheries in early June through the International Council for the Exploration of the Sea (ICES). ICES is the oldest intergovernmental science organization that develops science and advice to support the sustainable use of oceans. UMaine is one of two universities in the United States to be invited to review ICES stock assessments as student reviewers, a process which the members of Yong Chen's laboratory have participated in for the past three years. Chen is a professor of fisheries in the School of Marine Sciences. Members of the Chen Lab investigate the interactions between commercial fishing, ecological variables and dynamics of fisheries populations and communities using an interdisciplinary approach of fisheries biology, ecology, management, policy, decision making theory, mathematical and statistical modeling, and computer simulations. "Dr. Yong Chen is one of the most well-known fishery scientists and stock assessment experts in the world," Kisei Tanaka, fourth-year Ph.D. candidate in ecology and environmental science and member of the review committee, says. "He has a complete knowledge of existing fishery data and assessment method available for use in the stock assessment, and has helped to ensure

many managements are provided with up-to-date assessment procedures. He has brought a tremendous amount of expertise to the state of Maine.” Stock assessments provide scientific advice for sound fisheries management and offer recommendations for setting annual fishery harvest levels and other important measurements for the industry. The assessments require analyzing large quantities of quantitative and qualitative fishery data using a variety of mathematical and statistical techniques. “It is an extremely rigorous and technical assignment, so having a peer review process is very important for quality control and assurance of outcome,” said Tanaka. This year, the students evaluated 20 stock assessments for the Bay of Biscay and Iberian Waters Ecoregions to ensure the methods used were accurate, sustainable and backed by statistical analysis. “The review process ensures that the assessments are based on the best available science, which is important because these assessments have a large role in the fate of the fishermen’s livelihoods and the fish stocks,” Mackenzie Mazur, dual master’s student in marine biology and policy and member of the review committee, says. “The Chen Lab is the only lab actively developing stock assessments in the UMaine system, and as a result, our lab researches important aspects of fisheries in Maine, which might not be researched otherwise.” The stock assessment review process not only helps to ensure sustainable ocean management practices, but also allows graduate students in the Chen Lab to learn how to create and evaluate stock assessments for their own individual research projects, says Jocelyn Runnebaum, a Ph.D. candidate in marine biology who participated in the review. Jie Cao, a UMaine postdoc associate in the Chen Lab who led the review process, presented the groups results at the ICES WGBIE 2016 working group meeting in Denmark, which was attended by delegates from France, Ireland, Spain, Portugal, Iceland and the United Kingdom. “Without the peer review process, management may not be provided with the most appropriate assessment method, which may have a large impact on the effectiveness of management programs,” said Tanaka. Contact: Amanda Clark, 207.581.3721

New MaineCards available

20 Jun 2016



✓ The MaineCard has a new look and, for residential students, greater technological capabilities. During Summer Orientation, new students received the next generation of MaineCard, complete with UMaine's Black Bear logo and tapping technology for use in resident halls and in accessing services, such as meal plans and laundry facilities. All new members of the UMaine community, including faculty and staff, will be issued the new MaineCard. Existing classic MaineCards now held by most UMaine community members are valid and will continue to be accepted. Commuter students and employees with classic MaineCards can upgrade to the new design for \$5; current on-campus residents are encouraged to upgrade to the new MaineCard free of charge. The MaineCard Service Center, 130 Memorial Union, is open weekdays, 7:30 a.m.-4 p.m. For more information: umaine.edu/mainecard; 581.CARD; um.mainecard@maine.edu.

‘Maine Schools in Focus’ goes on summer break

21 Jun 2016

“Maine Schools in Focus,” an informative, issue-oriented feature on the University of Maine College of Education and Human Development website, is taking a break until the new school year begins in the fall. Since launching in mid-March, the college has published eight research-based briefings as part of the “Maine Schools in Focus” series. Each post has focused on a topic related to public school education in the state, ranging from funding for special education to the appropriate workload for school principals. All of the “Maine Schools in Focus” posts are available to read anytime on the College of Education and Human Development website. Editor Gordon Donaldson, professor emeritus of education at UMaine, is still accepting submissions for new “Maine Schools in Focus” posts to be published when the series resumes. Details and contact information are available on the [Maine Schools in Focus](#) page.

UMaine Dining earns award for sustainable practices

21 Jun 2016

University of Maine Dining Services earned an award for its demonstrated commitment to improving sustainable food management practices. The U.S. Environmental Protection Agency's Food Recovery Challenge and the National Sustainable Materials Management program awarded the 2015 Certificate of Achievement to UMaine Dining. UMaine Dining, which was recognized for its donations to local shelters, provides leftover food from the dining commons when school is not in session. Other UMaine best practices include composting, reducing over-purchasing of food and food prep waste, trayless dining, ensuring proper storage techniques, staff training and education, and campus recycling programs. "With about nearly a ton of food waste that we generate daily, it was more cost effective for dining to partner with the University of Maine Cooperative Extension to compost on campus," says Glenn Taylor, director of UMaine dining services. "By having a composting facility on campus, we are able to utilize the compost in our student-run Hoop House, where our students grow the greens that we use in our facilities." The full release is available [online](#).

Bloomberg highlights Alford W2 Ocean Engineering Lab

21 Jun 2016

The University of Maine Advanced Structures and Composites Center recently tested three wave energy devices in its Alford W² Ocean Engineering Lab for the U.S. Department of Energy's Wave Energy Prize. [Bloomberg](#) featured one of these devices — the Triton™ Wave Energy Converter built by Oscilla Power of Seattle, Washington. Developed over six years and protected by 16 patents, Triton is a two-body, multi-mode point absorber consisting of a catenary moored surface float and a suspended asymmetric heave plate. "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," says Tim Mundon, Oscilla Power's director of marine operations.

Dill interviewed in BDN article on garden pests

21 Jun 2016

James Dill, pest management specialist with the University of Maine Cooperative Extension, was interviewed for a [Bangor Daily News](#) article about strategies he uses to keep small and larger mammals out of his garden. "A lot of people hang small bars of soap around their gardens," he said. "For some reason, deer hate soap." Dill also said that human hair, placed in mesh bags and hung or strewn on the ground, also is an effective way to deter animals. To keep the burrowing animals at bay, Dill suggests keeping the area around the garden mowed and free of long grass, as they tend to avoid open areas.

University of Maine Foundation treasurer Darryl Brown passes away

21 Jun 2016

University of Maine Foundation treasurer and former board chair Darryl Brown passed away June 18. He was 71. Brown received two degrees from UMaine, and the Darryl and Penny Brown Scholarship Fund is held at the University of Maine Foundation. A University of Maine Foundation announcement on his passing is online.

Emerging environmental leader earns prestigious Switzer Fellowship

22 Jun 2016

Kimberley Rain Miner, Ph.D. candidate in Earth and climate sciences at the University of Maine, was recently selected as a [Switzer Environmental Fellow](#) by the Robert and Patricia Switzer Foundation. This year, the Switzer Foundation awarded 20 fellowships of \$15,000 each for emerging environmental leaders who are pursuing graduate degrees and are dedicated to positive environmental change — which is pretty much Miner's motto. Focusing on communication between cultures and disciplines, Miner is a knowledge broker for scientists, policymakers, and the public in order to develop solutions to address climate change. The second-year doctoral student has traveled to some of the world's coldest climates to study pollutants that are trapped — and released during a warming event — from glaciers. Between the years of 1960 and 2004, persistent organic pollutants (POPs) such as DDT, dioxin and PCB have been released into the atmosphere and deposited by precipitation in

glaciers around the world. Although this family of compounds is released in very small amounts (think parts per million), they are extremely resistant to environmental degradation. Miner's research focuses on developing risk assessment models for the release of legacy pollutants — chemicals released into the environment that have long-lasting effects — in glacial outflows. She aims to develop a framework to assess the conditions under which glacial release of POPs are a risk to the health of downstream communities. Hailing from Los Angeles, California, Miner received a B.A in environmental science from the University of California, Santa Cruz and an M.P.A in environmental science and policy from Columbia University. Miner was recently awarded numerous grants and fellowships including a Fulbright U.S. Student Program grant, a Science, Mathematics & Research for Transformation (SMART) Graduate fellowship. She's currently a fellow in the Climate Change Institute's Adaptation to Abrupt Climate Change Integrated Graduate Education and Research Traineeship (IGERT). Contact: Amanda Clark, 207.581.3721

Camire mentioned in AP article, study on reducing fat in chocolate

22 Jun 2016

Mary Ellen Camire, professor of food science and human nutrition at the University of Maine, was interviewed for an [Associated Press](#) article about a new method for making lower fat versions of chocolate using electric fields. The study was led by researchers at Temple University and was published in the Proceedings of the National Academy of Sciences. According to the article, Camire said the paper left some important questions unanswered and that there was no scientific evaluation of how the treatment affects taste and textures.

Glover, Kiffy publish Op-Ed article in BDN, asylum seekers in Maine

22 Jun 2016

Robert Glover, assistant professor of honors and political science at the University of Maine, and recent UMaine graduate Grace Kiffney, published an Op-Ed article in the [Bangor Daily News](#) about asylum seekers' access to resources and general assistance in Maine. According to the article, this year, the U.S. immigration court backlog hit 474,322 cases. In Maine, this backlog means that the comparatively small number of asylum seekers — about 1,000 — may wait up to five years for their asylum hearings. "Asylum seekers face significant challenges upon reaching the United States: completing the complex asylum application process, learning a new language, navigating a new culture and potentially facing discrimination from the receiving community," the article reads. 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. Kiffney is a recent UMaine graduate in international affairs.

Three football games to be broadcast on national TV

23 Jun 2016

Three University of Maine football games will be broadcast on national TV in 2016 — Sept. 1 at 7 p.m. at the University of Connecticut on ESPN 3; Sept. 10 at 7 p.m. at the University of Toledo on ESPN3; and Sept. 24 at noon vs. James Madison University on American Sports Network. The games are part of the Colonial Athletic Association's 30-game football television package, which includes 18 conference matchups in conjunction with the league's broadcast partners, NBC Sports Regional Networks and the American Sports Network. In addition, at least 10 nonconference contests featuring CAA gridiron teams will air nationally on ESPN3. When the regular season concludes Nov. 19, Comcast SportsNet and ASN each will air a "wildcard game" to showcase the best matchups based on conference standings. The networks will choose the games at least two weeks in advance. In 2016, UMaine, under first-year coach Joe Harasymiak, also will team with local broadcast partners WVII ABC 7 and WFVX Fox 22. Select games also will be televised nationally on Fox College Sports. Dates and times for these games will be announced soon.

BDN, WABI report on national Black Bear football broadcasts

23 Jun 2016

The [Bangor Daily News](#) and WABI (Channel 5) reported three University of Maine football games will be broadcast on national TV in 2016 — Sept. 1 at 7 p.m. at the University of Connecticut on ESPN 3; Sept. 10 at 7 p.m. at the University of Toledo on ESPN3; and Sept. 24 at noon vs. James Madison University on American Sports Network.

Newburyport Daily News cites UMaine lobster research in editorial

23 Jun 2016

University of Maine lobster research was cited in a [Newburyport Daily News](#) editorial that criticized Sweden's request of the European Union to ban the import of American lobsters. "Research by New England marine biologists from the University of Maine maintains that live lobsters have been exported around the world for decades, and interbreeding and disease transmission risk between Maine lobsters and European lobsters is relatively low," Massachusetts Gov. Charlie Baker wrote in a letter to EU director general for the environment Daniel Calleja Crespo, according to the editorial.

Steneck mentioned in Congressional delegation release

23 Jun 2016

[Knox VillageSoup](#) carried a press release from Maine Congressional delegation members who applauded the European Union's consideration of scientific findings by University of Maine professor Bob Steneck and others in response to a Swedish request to ban the import of American lobsters into the EU. Steneck was one of several experts from U.S. and Canadian who wrote a joint paper concluding there is no valid evidence that lobsters are an invasive species. The report refutes the claim from Swedish scientists that American lobsters pose a threat to the European environment. "If the EU Scientific Forum finds the scientific evidence convincing, it will be then up to the Committee on Invasive Alien Species to take other factors, including economic considerations, into account before ruling on a proposed [American lobster] ban," according to the release. The [Portland Press Herald](#) ran a story about the EU asking Sweden to prove its claim that the American lobster is invasive.

New microdevice developed by UMaine, Jackson Lab replicates embryonic spinal cord development

01 Jul 2016

Researchers at the University of Maine MicroInstruments and Systems Laboratory (MISL), in collaboration with The Jackson Laboratory, have developed a new microfluidic tool that reproduces in the laboratory the same physiochemical environment that instructs embryonic stem cells to develop into organized tissue. Using this device, the research team has successfully cultured a portion of a spinal cord on chip. During embryonic development, specific chemicals called morphogens direct stem cells to develop and organize into their appropriate tissues. Using the new microdevice to duplicate that spatial distribution of morphogens in the laboratory results in the same tissue organization, says UMaine professor Scott Collins. Using the same equipment and techniques employed in making integrated circuits and computer chips, the research team designed and fabricated a microfluidic chip consisting of a labyrinth of tiny culture chambers and interconnecting fluidic channels to generate the same morphogen distributions known to induce spinal cord development. The research was the topic of a UMaine doctoral dissertation by Christopher Demers, now a postdoctoral research fellow at the Francis Crick Institute in London. "Of course, not all neural subtypes were fully expressed in our device, indicating that we did not duplicate the exact embryo environment, but it will certainly be interesting finding out what is missing," Demers said. The microfluidic device promises to provide developmental biologists with a powerful new tool with which to study how cells make differentiation decisions during embryonic development. The microdevice also has potential for studying limb and organ regeneration, diagnostics and therapeutics for neuromuscular diseases, such as amyotrophic lateral sclerosis (Lou Gehrig's disease), spina bifida and anencephaly, as well as drug discovery and personalized medicine. The work was performed at the University of Maine MicroInstruments and Systems Laboratory (MISL) in collaboration with researchers at The Jackson Laboratory under a grant from the National Science Foundation [IOS-1145949]. The research team is now collaborating with the Francis Crick Institute to further develop the technology for developmental biologists. Results are published in a recent issue of the journal ["Development": "Development-on-chip: *In vitro* neural tube patterning with a microfluidic device."](#) Contact: Margaret Nagle, 207.581.3745

Community members invited to participate in weekly cultural events in UMaine's Mandela Washington Fellowship program

24 Jun 2016

The public is invited to participate in five weekly cultural exchange events with the 25 emerging leaders from Sub-Saharan Africa who are at the University of Maine attending an institute in public management as part of the Mandela Washington Fellowship program. During their stay in Maine, through July 31, the men and women are attending executive-style academic

sessions led by UMaine faculty, meeting with Maine leaders in Portland and Augusta, and participating in community and recreational activities in the state, including a weekend home-stay with area host families. A news release about the program is online. The weekly cultural exchange events are June 28, July 5, July 12, July 19 and July 25. For more information about the free events or to request a disability accommodation, call 581.1506. June 28, 6–9 p.m., Bangor Room, Memorial Union, University of Maine Latin-theme potluck with music and dancing. Families and children welcome. Hosted by CHISPA Centro Hispano. July 5, 7–9:30 p.m., Bangor Room, Memorial Union, University of Maine Light refreshments and discussion. Hosted by the UMaine Office of Multicultural Student Life. July 12, 7–9:30 p.m., Old Town Bowling Center Bowling and refreshments for purchase. July 19, 7–9:30 p.m., Church of Universal Fellowship, Orono International potluck. Participants invited to bring dishes. Families and children welcome. Hosted by Women of the World. July 25, 7–9:30 p.m., Black Bear Brewery & Taproom, Orono Free musical entertainment and beverages for purchase.

Revolution Research competes for \$100,000 prize, BDN reports

24 Jun 2016

The [Bangor Daily News](#) reported that Revolution Research, founded by University of Maine forest resources doctoral candidate Nadir Yildirim, is competing for \$100,000 in a pitch contest at the Maine Startup and Create Week conference. Yildirim and vice president Alexander Chasse, a UMaine civil engineering graduate, developed the foam-like material from wood fiber. Other material modifications could result in the material being used as insulation or packaging, said the article. The Orono-based company earned the most votes in an online poll and is competing as the “wild card” in the contest.

BDN cites UMaine experts in article on climate change in The County

24 Jun 2016

University of Maine agriculture professor Susan Erich, biology professor Emeritus George Jacobson, paleoecologist Jacquelyn Gill and Climate Change Institute data all were sources for a [Bangor Daily News](#) article on how climate change could impact Aroostook County. Hardiness zones, calculated by using the average lowest winter temperatures, have been moving north in recent decades. In 2006, much of central and southern Aroostook County had moved from zone 3 to zone 4, according to the article. Scientists expect the zones to keep migrating north and by 2100 they say there could be a 5–10 degree Fahrenheit increase in average temperature — which will impact farms, forests and people. Erich said farmers in northern Maine should expect more unpredictability. Gill said 10 degrees Fahrenheit is about the difference between average global temperatures now and during the last Ice Age. “The planet notices,” Gill said.

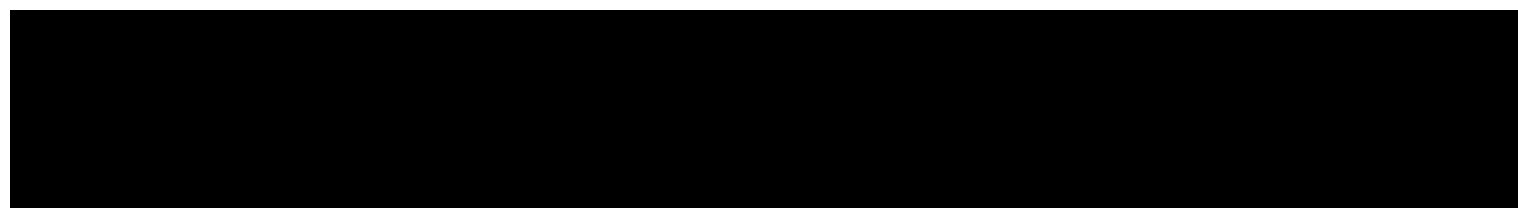
Smith shares expertise on STEM instruction

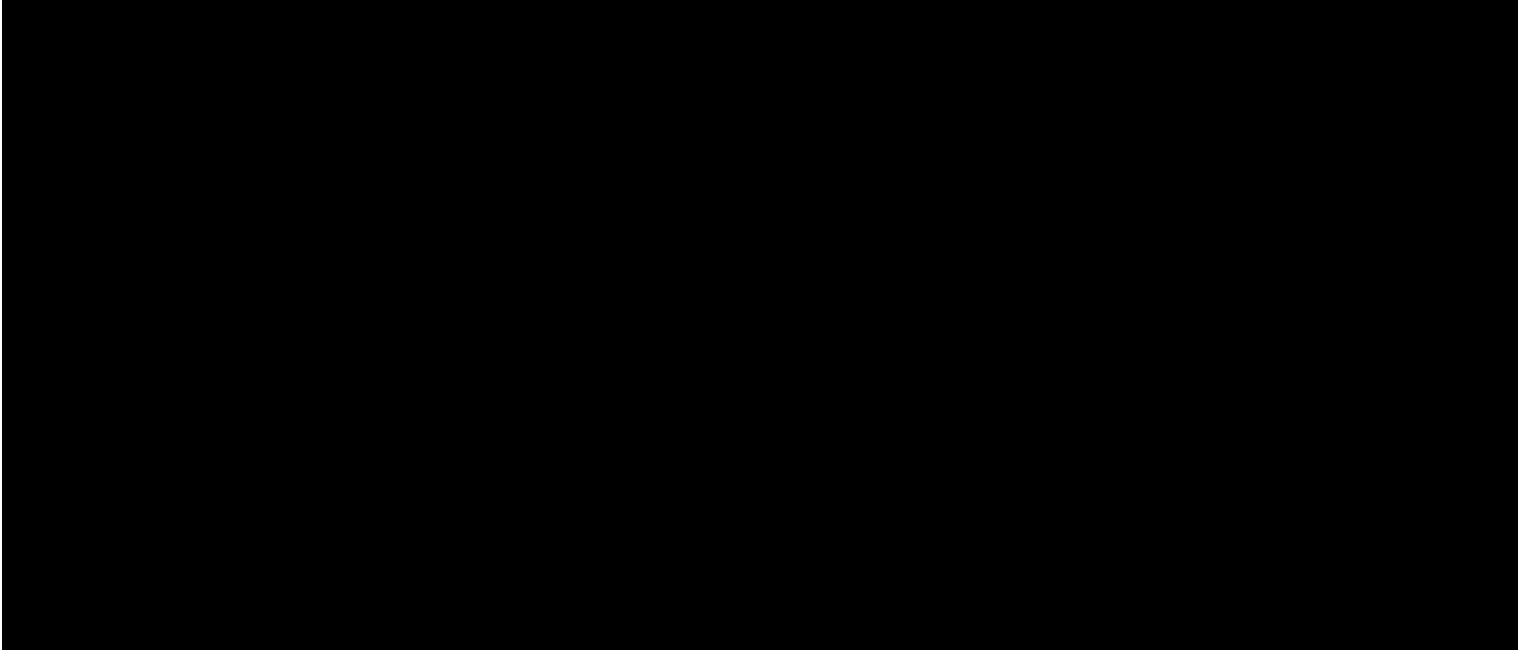
24 Jun 2016

University of Maine assistant professor Michelle Smith was a keynote speaker at the Knowledge Exchange on Undergraduate STEM Education in Virginia. The National Science Foundation nominated Smith, the C. Ann Merrifield Professorship in Life Science Education in the School of Biology and Ecology and the RiSE Center, to take part in the collaborative. Representatives from 14 federal agencies shared their expertise on improving undergraduate experiences and retention in science, technology, engineering and mathematics courses. “The Knowledge Exchange was a wonderful venue to talk about how STEM faculty at UMaine and other institutions are using Evidence-Based Practices, such as clicker questions and small group activities, in the classroom,” says Smith. “These instructional practices improve student learning and positively impact retention in the major.” Smith and the other participants will turn the findings into a promising-practices paper and video series for educators and for an undergraduate research playbook.

Athletics: Liz Wood maximizes the student-athlete experience

11 Jul 2016





[Read transcript](#) The award-winning basketball captain and 2016 graduate with a degree in biology with a concentration in pre-medical studies has learned to live, and thrive, in the moment. Liz Wood, who earned a 3.95 GPA, scored nearly 1,500 points and pulled down more than 900 rebounds for the Black Bears. Her sights are now set on a professional basketball career then medical school. Read the full UMaine Today story.

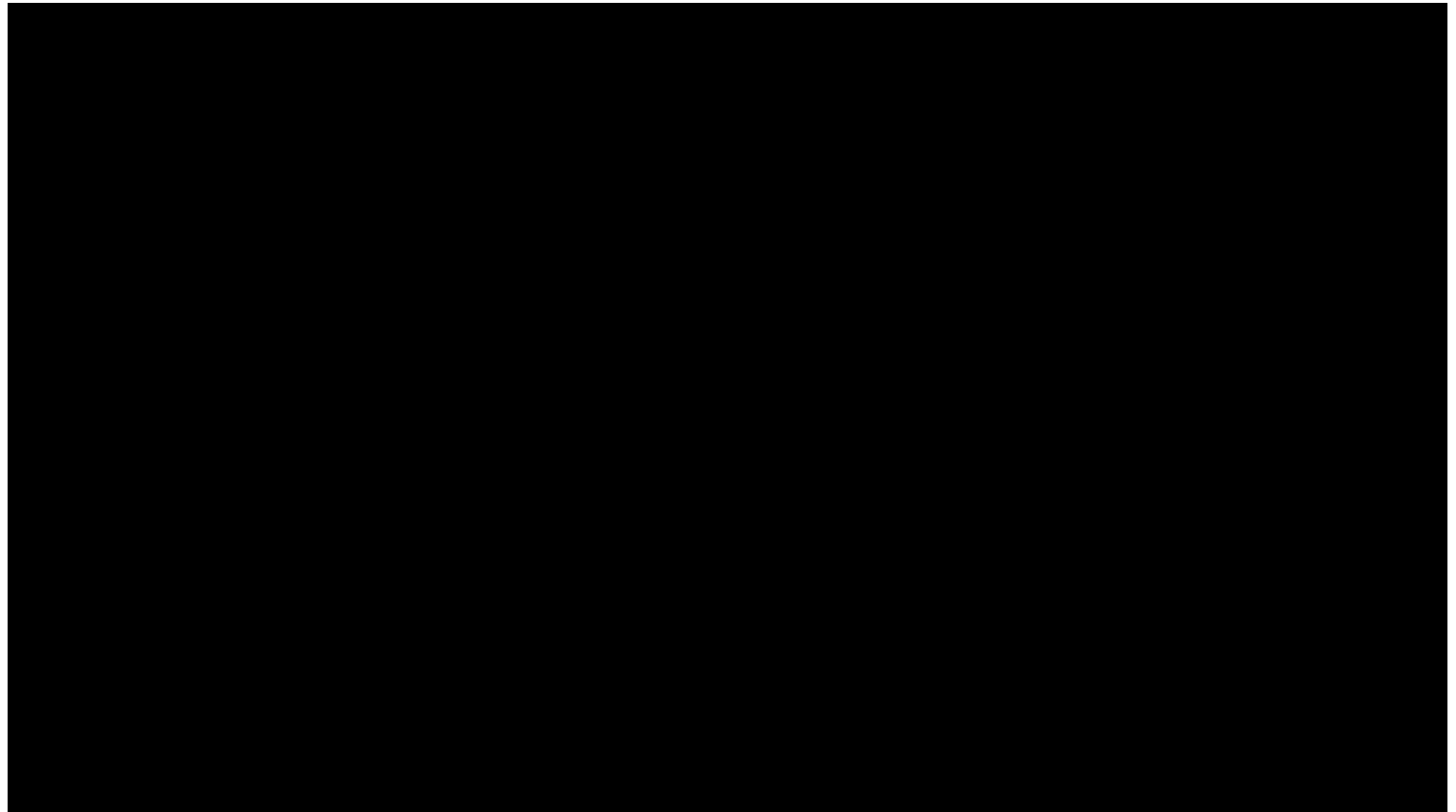
Transcript

Liz Wood: I was kind of born into it. My mom's side of the family is a huge basketball family. Everyone played at least all the way through high school. As soon as I was old enough to pick up a basketball, my mom was out there with me. She was actually my first coach. Becoming a DI athlete probably became a goal for me in middle school. I realized that money doesn't grow on trees, and the fact that I could get a scholarship and pay for my entire undergrad was really appealing to me. I had been around basketball long enough to realize that I had the talent, so I just really started working hard for it. I chose UMaine for a couple of different reasons. Obviously at first, when I thought of Maine, I thought it was pretty far away from Virginia. I wasn't sure, but then when I came on my visit and I talked to Coach Barron and the staff, I really loved the vision they had for me and the program. I really thought that I could make a difference here. The community was ripe for it. They were ready for women's basketball to make a comeback, and I think we have. I love the people, I love the campus. Maine's a beautiful state. Being here at UMaine, I definitely think the Honors College was a big part of my experience here. It definitely opened my eyes to things I had never thought of before. It was different type of a class style than I was used to, being a science-minded person. I was reading a lot of original texts, books I would never have opened, but I love now. I'm so glad I got the opportunity to read them and discuss them with people who really think deeply about things that matter. Being a student-athlete, it's shaped me for the rest of my life. I think all student-athletes are really lucky, because the things people struggle with when they go into the professional world, student-athletes already know. Things like time management, communication, leadership skills, all of those things are ingrained in student-athletes, because we have to use them every day. I think it set me up for a really good future. Living in the moment used to be pretty hard for me. I always have a thousand things running through my head. I think Coach Barron has really done a good job of stressing that for us this year, especially playing — just play in the moment, be in the moment. Don't think about the next play. Don't think about the last play. I've tried to take that to my life, too. Don't think about all the things you have to do. Don't think about whatever happened that day. Just try to be in the moment with people you're with. Be in the room that you're in. I think the one word that describes us is family. We always have each others' back. It hasn't always been easy. We're not best friends all the time, but I think that at the end of the day, we're a family. We care about each other so much, and if we're hard on each other, we know it's because we expect a lot out of each other. I think that makes us even closer. This is a team chemistry I've never had. I'm not really sure when exactly I decided I wanted to be a doctor. It's definitely been in my head for a long time. I think what really sealed the deal for me is I got to shadow in high school, and I picked an orthopedic surgeon. I also got to see an open heart surgery in high school. Some people are kind of squeamish, but I was locked in the whole three hours of the surgery. I was fascinated. As an athlete, the human body's always fascinated me. Getting to learn about how it works, and when it doesn't work, and how I can fix that has been really fun. I try not to think too far ahead right now. Obviously, you have to be planning. I want to get into med school. I want to become a doctor. I'm not sure what kind of physician yet exactly, but my goal is, I just want to do something that I love and be good at it.

Whatever type of doctor that is, I want to be happy, but I want to be competitive. I'm a competitor as an athlete, and whatever I go into, I want to be the best at what I do. Once I find that thing, I'm just going to put my nose down and grind like I know how. [Back to post](#)

Research: How does the brain control appetite?

11 Jul 2016



[Read transcript](#) Kristy Townsend's scientific roots reach back to her undergraduate years at the University of Maine, when she studied circadian rhythms with Alan Rosenwasser, professor of psychology. Today at UMaine, Townsend teaches introduction to neuroscience and cellular biology, and is dedicated to giving young scientists hands-on experience in the lab. In the Townsend lab on campus, undergraduate and graduate students collaborate on research to unravel the mysteries of the nervous system and how the brain regulates energy balance. Her team is exploring how the brain communicates with adipose tissue in the body through the action of peripheral nerves, and how this helps to maintain a healthy metabolism. Read the full UMaine Today story online.

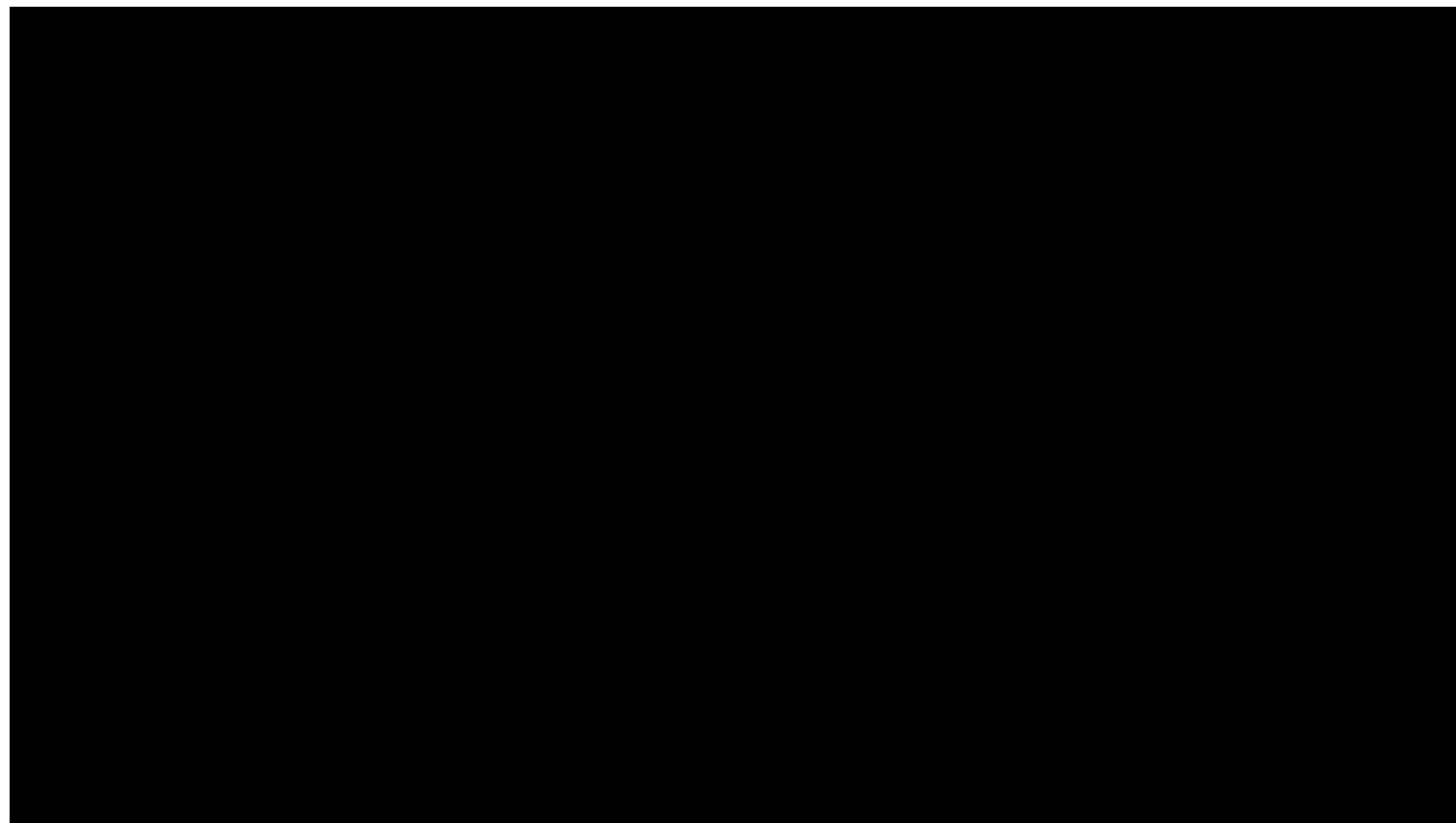
Transcript

Kristy Townsend: We're in the middle of an obesity and diabetes pandemic around the globe. It really is a public health crisis in many respects. **Bethany Miles:** Alzheimer's is a worldwide problem as well. So far, there's been years of research and no cure, no drugs that really work very well. **Kristy Townsend:** Then you look for all those genes, what CT were they at, or cycle threshold were they at? I think of science as a verb instead of a noun. It is a process of discovery and a process of experimentation. In a lab course you do get some of that, but in a real lab setting you see what goes into obtaining data that's usable, or asking questions that are testable, or fundable, and the reality of working in a lab. I think that's the benefit for undergrads to see early on in their career, "Am I cut out for this? Do I enjoy it? Is it something I feel passionate about?" Because you really need to maintain that passion if you want a career in the sciences. **Bethany Miles:** For me, for example, I realized that there's this whole world of research that I didn't really realized before working in this lab. I think that's an opportunity as well, for people to get a real feel for what the field of research is like. **Kristy Townsend:** Biggest question we have in this lab is a better understanding of how the brain regulates appetite and metabolism and that includes energy expenditure. How we take in and store calories, versus how we burn calories. As part of that, we're interested in how the brain communicates with peripheral tissues, such as fat tissues or adipose. **Bethany Miles:** I'm interested specifically in

neuroplasticity, because I have an interest in Alzheimer's disease. That's ultimately what I want to be studying. **Raymond Vallejo:** The brain is always interesting, that's why my focus is neuroscience. My grandmother, unfortunately, passed away from Alzheimer's. It's a big impact, seeing someone who you've known your entire life — see, talk to every single day — forget who you are. **Kristy Townsend:** We can measure it and get another one. You can learn in a classroom and what it's like to work in a lab, but you really have no idea until you get in there, that there's protocols to follow and things have to be kept sterile. You have to communicate well with the people in your team. All those are important lessons that they'll take with them as they go. Not to mention the science that they're learning. **Raymond Vallejo:** The skills that I was learning will eventually, most definitely, help me. Paraffin slicing, hopefully genotyping, those are huge techniques that can be reused in a variety of fields down the line. **Bethany Miles:** Once you have this foundation of knowledge and general techniques, you can use those to then, maybe, explore an area of research that no one has really gone into yet. There's so much uncharted territory, I guess you could say. It's really exciting being on the forefront of all this research that's really addressing these big, big problems that we're having. **Raymond Vallejo:** There's always going to be a need for someone to try to cure the next big bad thing. **Kristy Townsend:** I think the University of Maine is very unique in the ability for students to work in a lab setting like this. I think faculty at UMaine are very welcoming to undergraduate students. Both training them, and allowing to be part of a real project hands-on that could lead to a co-authored publication, or a presentation at a local research symposium. I think this is very unique to UMaine, that students have this opportunity and that faculty are very willing to get involved at that level of their education. [Back to post](#)

Research: Is Maine prepared for the next spruce budworm outbreak?

11 Jul 2016



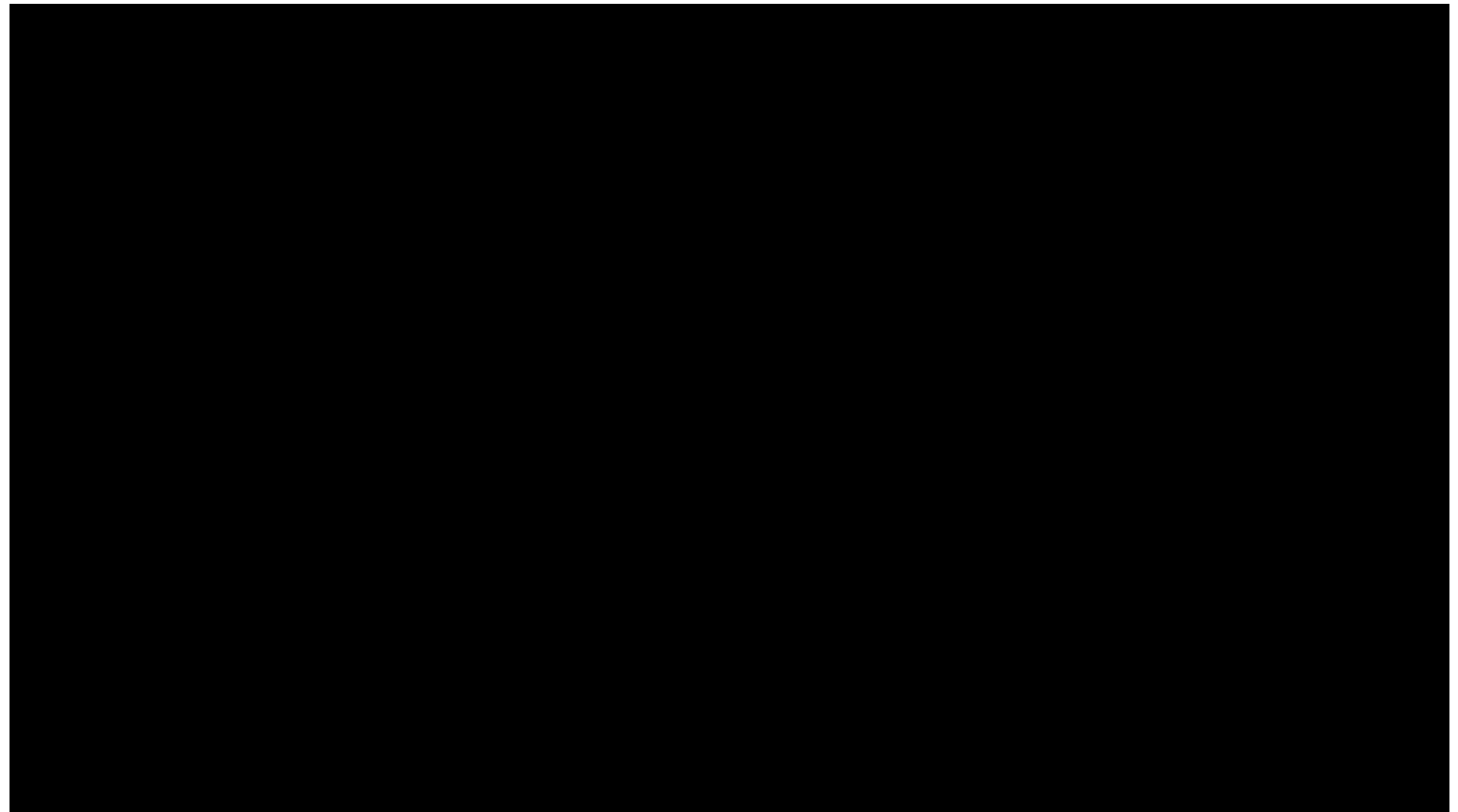
[Read transcript](#) In 1980, Maine's North Woods was a sea of gray, the result of a spruce budworm infestation that decimated millions of acres. The eastern spruce budworm is believed to be the most damaging forest insect in Maine and North America. Outbreaks of the insect that kills balsam fir and spruce trees occur every 30 to 60 years. And another one could be heading for Maine. In advance of the outbreak, the University of Maine has partnered with the Maine Forest Service and Maine Forest Products Council to form a Maine Spruce Budworm Task Force to keep forest landowners and government officials informed about the insect and aspects of Maine's forest resources that would be affected by the next outbreak. Read the full UMaine Today story online.

Transcript

Robert Wagner: We're standing in a mixed forest, but it's dominated right here by balsam fir. It's hard for me to know exactly how old they are, but just judging them to be probably in the 30-year range, or so. These balsam fir will be the most affected by the budworm if it was to build up to critical populations in a stand like this. The spruce budworm is a member of *Lepidoptera*, and it is a moth, essentially that has its life cycle in the main spruce-fir forest and throughout the Canadian forest. Every 30 to 60 years in this part of its range, it will undergo a large outbreak. The budworm essentially defoliates the trees over a period of years. After about three to five years of this kind of defoliation, the trees begin to die. The one from 1970 to '85, which many foresters my age and older remember very well, basically defoliated millions of acres of northern Maine. There was a lot of mature spruce and fir at that point. There was a lot of dependence on the spruce and fir for paper making and for solid wood products, lumber, et cetera. It came on very quickly in 1970 and went through repeated periods of defoliation and killing the forests. Something in the neighborhood of 20 to 25 million cords of wood were killed. The outbreak that has just started here, actually started about 2005 or 2006, and it has grown in Quebec really quite quickly from 2005, '06 on to today. To give you a sense of how quickly it's growing, last year the outbreak footprint of dead and dying spruce and fir was about 10 million acres. This year, Quebec government just released the report and it's grown by 50 percent to 15 million acres. To just give you a sense of the size of that, the entire state of Maine forest is 17 million acres in size. The outbreak on the north shore is equal to the area of Maine's forest. It is expanding quite quickly. The moths are moving south. **Charlene Donahue:** This is an end-of-the-season check, when we come in, look and see if any budworm have been flying in this area. We've got budworm. **Robert Wagner:** The way that we've been tracking over time are using pheromone traps, and the trap counts over the past four, five years have just been steadily increasing. **Charlene Donahue:** The numbers are doubling every year right now. Then, at some point, there's an exponential explosion of the moths. **Robert Wagner:** I think for the average person in Maine to prepare for the outbreak is just to be aware that it's going to happen. It's unclear at this point about how severe it might be. We think there may be a role as the outbreak proceeds to use citizen science, to use people to help put out moth traps, to do other kinds of reporting and to work closely with the landowners who are having to deal with this outbreak, to be supportive of the efforts that they might have going. **Charlene Donahue:** We're in competition with the budworm, and that's where the problem lies. If people are looking to harvest the trees, then they need to be paying attention to what's happening on their property. [Back to post](#)

Research: Shifting ecosystems in the Falkland Islands

11 Jul 2016



[Read transcript](#) University of Maine researchers, including Kit Hamley, explore how extinct and introduced animals affect

the Falkland Islands and seek to help farmers, sheep, tussock grass, tourists and penguins coexist in light of competing interests, sea-level rise and erosion. Hamley helped develop the 4-H Follow A Researcher™ program at UMaine, which connects K–12 students with graduate research. [A news release on her trip to the Falkland Islands is online.](#)

Transcript

Kit Hamley: Raindrops going about 70,000 miles per hour! **Dulcinea Groff:** It hurts! **Jacquelyn Gill:** In the Falkland Islands, we have this really interesting system where you've got islands that have no native mammals. They're home to some of the most important penguin and other sea bird colonies in the world. They're also home to a lot of people that make their livelihoods through fisheries, tourism and also sheep farming. The settlers brought sheep to those islands in the 1800s.

Dulcinea Groff: I am researching the history of the island over the last 11,000 years. I'm looking at how the plants and animals have been influenced by a changing climate. What we learn from the past can tell us a little bit about how things might change in the future to better prepare people there. **Dulcinea Groff:** We want to know the difference between tussock grass charcoal, and say, wood charcoal. Right? There are no native trees in the Falkland Islands. If there was wood burning, then ...

Kit Hamley: ... It's a good indicator that humans were probably there. I'm interested in a species of fox that was only found in the Falkland Islands, and has since been hunted to extinction. When Europeans arrived in the Falklands, there's this species of fox there called the warrah. But there are no humans there, and no other land mammals which, really for me, raise the question of why is the warrah there, and how did it get there. So that's one of the things I'm really interested in figuring out, as how this fox got to this isolated oceanic islands. **Dulcinea Groff:** In the Falkland Islands, there's a really unique plant called tussock grass, and it grows really tall. It forms peat. It's also really important habitat for lots of sea birds and marine mammals.

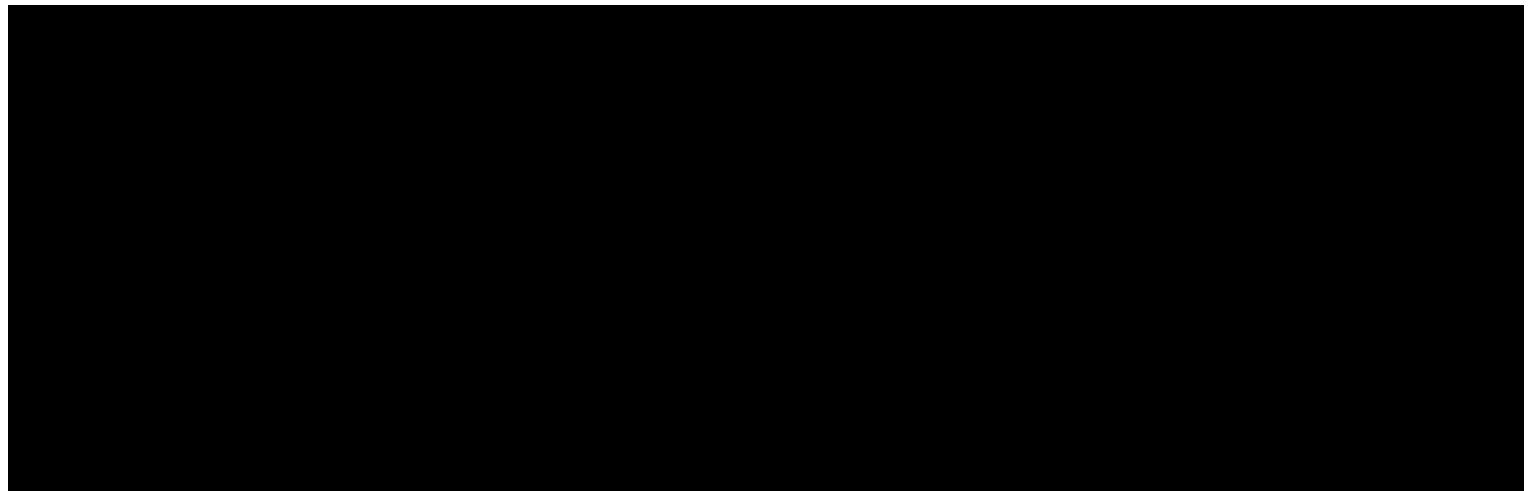
Jacquelyn Gill: It towers over your head when you can get in these little tunnels in the tussock. You might turn a corner and see a sea lion there, or some penguins waddling along. And you quickly understand how important this grass is, because the wind is extremely ferocious there in the Falklands. So there's this nice symbiosis right where the grasses provide the habitat, and they get the benefit of the nutrients. So then of course, you bring in the human side of things. And humans are bringing these sheep to the islands. The sheep are eating the grasses, and causing disturbances in the grasses. That has effects then on the penguins. But you can't just say, "Let's build a fence, and keep the sheep out," because this is people's livelihoods.

Dulcinea Groff: The tussock grass is really important to hold down the actual land. It's preventing erosion from happening. With an increase in extreme weather events, like storms and increasing erosion, having this fringe of tussock grass on the landscape is really important. It could encourage people to conserve or preserve the tussock grass and improve some of the restoration habits.

Kit Hamley: Understanding how that introduction of a fox could impact the sea birds that are bringing nutrients from the marine environment onto the terrestrial environment, and then in turn, how that affects plants, is really important to understand those linkages. **Dulcinea Groff:** Conserving this habitat is really important for the sea birds. There are thousands and thousands of tourists that come there each year to see the really unique wildlife that's there. **Kit Hamley:** In regards to specifically what I'm studying, I think one of the big take homes for this will be that we'll have a better understanding of how ecosystems respond to introduced species and to extinctions. I think having an understanding of how ecosystems have responded in the past, both introductions and extinctions, is really important in order to plan for or understand what we might see in different environments. [Back to post](#)

Arts & Culture: Katie Keaton takes the stage

11 Jul 2016





[Read transcript](#) Alumna Katie Keaton, '16, embraced her undergraduate experience as a theatre major with a double minor in dance and business management. For Keaton, immersing herself in the performing arts at UMaine — both onstage and backstage — made her happy. The Caribou, Maine native was deeply involved in various UMaine clubs and organizations. She was a teaching assistant for the hip hop dance class; president of the Hip Hop Club; president of the UMaine chapter of Alpha Psi Omega; co-founder of the Celtic Club; production stage manager for the SPA fundraiser “Astonishing!,”; dance captain for the spring 2016 performance of “Urinetown”; and she performed in numerous dance showcases. Keaton also was a stagehand for the Collins Center for the Arts and filled a number of roles with the SPA including set design and production. Her choreography was featured in the Spring presentation of Mark Hollmann's satirical comedy "Urinetown: The Musical," at the Hauck Auditorium. [Keaton's full student profile is available online.](#)

Transcript

Katie Keaton: All growing up, I did dance in my hometown. That was always very exciting, being onstage. I always loved seeing what happened backstage. I'd never done theater in high school, so I figured I might as well give it a shot. College is all about trying new things, so I did. I came in here and declared as a theatre major, not knowing what to expect. I was so scared. I was like, "I've never taken an acting class before. I've never taken stagecraft. What is that?" My sophomore year, I took the design for performance class with Dan Bilodeau. From there, one of my classmates nudged me. She was like, "Hey, you're pretty good at this. You should try applying for the Maine Masque show that's coming up." I had no idea what that entailed, so I gave it a shot. It was a really humbling experience to be able to design for Hauck Auditorium. Dance-wise, choreography-wise, I got heavily involved in that, just because I declared a dance minor, and because I did that, my friends who run the Maine Masque, they were starting to put on Maine Masque cabarets and things like that. They wanted to have some choreography involved with that. They approached me and were like, "Hey, do you want to choreograph some of these numbers for us?" I was like, "Sure." That's where I got my foot in the door. Taking the management classes and marketing classes has really helped me, especially as a production manager and a stage manager. That's one of the heaviest things that you are involved in, is managing people. You're not just managing an event, because the people make up the event. I think that really helped me with my skills. I would say the community here is pretty vibrant. The people are pretty dedicated. Once they come here and they see shows, they realize, "Wow, something big is happening here," and that keeps them coming. I think the university really presents a lot of student undergraduate opportunities to work on shows very heavily, which is something that is awesome. It's such a great resume builder to say, "I've already designed XYZ, and I'm only 21 years old." I think I've been able to dab at a lot of different realms within theater and dance here, to where now I can be like, "This is where I want to go," because I've had so many great experiences at UMaine. [Back to post](#)

Brewer speaks with MPBN about requested recount in 1st District race

27 Jun 2016

Mark Brewer, a political science professor at the University of Maine, spoke with the [Maine Public Broadcasting Network](#) for a report about a requested recount in Maine's 1st Congressional District race to determine who will represent Republicans this fall against incumbent U.S. Rep. Chellie Pingree. Mark Holbrook is currently the unofficial winner of the primary, with a 55-vote edge over Ande Allen Smith, who has asked the Maine secretary of state for a recount, according to the report. The 2016 1st District GOP primary will be remembered for being decided by one of the thinnest margins in Maine history, the report states, but Brewer said that's about all people will remember. "Chellie Pingree is about as close to an electoral lock as you can get," he said. "She's a great fit for her district. She's incredibly popular with her constituents. She's been re-elected now a number of times with ever-increasing margins. Whoever her opponent is is going to have an incredibly difficult time raising money on their own."

Segal writes op-ed for Times Higher Education

27 Jun 2016

The London-based [Times Higher Education](#) published an opinion piece by University of Maine history professor Howard Segal titled “A tale of two campuses: US public universities recruiting more out-of-state students.”

Mount Desert Islander advances Gill’s talk on saving species

27 Jun 2016

[Mount Desert Islander](#) reported Jacquelyn Gill, a paleoecologist at the University of Maine, will present during the MDI Science Café at MDI Biological Laboratory’s Kinne Library in Bar Harbor at 5 p.m. June 27. Gill’s presentation, “Should We Clone the Woolly Mammoth to Protect the Tundra from Climate Change?” will focus on creative strategies to protect species in a warming world, according to the article. Gill argues that the threats of climate change and human activity will combine to create new challenges to biodiversity in the coming century that will require creative thinking about conservation strategies, the article states.

McCarty speaks with Press Herald about sugar alternatives when making jam

27 Jun 2016

Kate McCarty, a food preservation assistant with the University of Maine Cooperative Extension, spoke with the [Portland Press Herald](#) for an article about swapping out white sugar with other sweeteners, such as honey or maple syrup, in jam recipes. According to McCarty, cooks can’t simply do a one-for-one swap because both honey and maple syrup are, ounce for ounce, sweeter than white sugar. She suggests following jam recipes specifically developed for natural sweeteners, according to the article. McCarty also suggested canners use pectin to ensure the jam sets correctly, and warned that while natural sweeteners are shelf stable if processed properly, they aren’t as strong a preservative as white sugar. She advises jams with natural sweeteners be eaten within two weeks of breaking the seal on jars. McCarty will be teaching a class on low-sugar jams at the UMaine Regional Learning Center in Falmouth on July 7, the article states.

AP advances international fish, shellfish immunology conference

27 Jun 2016

The Associated Press reported about 250 researchers and industry leaders are expected to attend the second International Conference of Fish & Shellfish Immunology June 26–30 in Portland. The University of Maine Aquaculture Research Institute is hosting the event, which organizers said focuses on the health and welfare of wild and farmed aquatic animals. Bassem Allam of the School of Marine and Atmospheric Sciences at Stony Brook University is one of four scheduled keynote speakers. He will speak about shellfish immunity and response to infections, the AP reported. UMaine is hosting the conference on behalf of the International Society of Fish & Shellfish Immunology. The [Portland Press Herald](#), [The Eagle](#) in Texas and [Star-Herald](#) in Nebraska carried the AP report. WLBZ (Channel 2) also covered the conference.

Brewer, Palmer quoted in Morning Sentinel article on 2nd District race

27 Jun 2016

Mark Brewer, a political science professor at the University of Maine, and Kenneth Palmer, a professor emeritus of political science at UMaine, were quoted in a [Morning Sentinel](#) article about Maine’s 2nd Congressional District race between incumbent Republican Bruce Poliquin and Democrat Emily Cain. The candidates are gearing up for a rematch of their 2014 race, in which Poliquin edged Cain by 5 percentage points, according to the article. The race already is on track to outpace their last contest as the most expensive congressional race in state history, the article states. According to Brewer, the high-energy, high-interest presidential race will likely affect congressional races across the country, including in Maine’s 2nd District. “Maine’s 2nd Congressional District is going to get a huge amount of resources dumped into it and national attention paid,” he added. The 2nd District represents nearly 80 percent of the state, while the 1st District represents the highly populated Portland area and extreme southern Maine coast, the article states. “It’s a big area and it takes a long time for a politician to establish a reputation in all these tiny communities and to get known in those communities,” Palmer said. “It’s not like a city where you can quickly build a political organization inside that city. In the 2nd District, you have to go town to

town.”

UMaine hosts stormwater management program for high schoolers, AP reports

27 Jun 2016

The Associated Press reported about 85 high school students and 20 teachers from Maine and elsewhere in the country are staying at the University of Maine from June 26–29 for a program to create environmental solutions to stormwater management. Participants in the UMaine Stormwater Management Research Team (SMART) Institute will work with university faculty, students and others throughout the program. Now in its third year, the program engages students in the implementation of science to address an environmental issue, the AP reported. Many cities wrestle with how to environmentally and efficiently handle stormwater runoff, which can be an expensive problem, according to the AP. WABI (Channel 5), [Portland Press Herald](#), [Fosters.com](#), [The Washington Times](#) and Belleville News-Democrat in Illinois carried the AP report.

Brichacek receives \$1.2M NIH grant to study glycans

28 Jun 2016

University of Maine research to provide molecular-level understanding of glycan-associated disorders, such as inflammation, pathogen infection and cancer, has been awarded a \$1.2 million grant from the National Institutes of Health. Matthew Brichacek, UMaine assistant professor of chemistry, leads the research to develop methods to synthesize glycans — a family of carbohydrates — that can attach to a wide variety of biological molecules. Ultimately, the glycans produced by Brichacek and his team would enable investigations of numerous glycan-binding proteins in glycan-associated disorders. “As a new investigator, I am poised to approach the complex field of glycoscience in innovative ways that will aid in the diagnosis and treatment of human diseases,” says Brichacek. Glycans play an integral role in cell signaling, immune response and modulation of protein activity. Though researchers have long understood the importance of glycans in biological processes, the ability to study such structures has been inhibited by the complexity of the molecules, and by available tools and technologies. Brichacek aims to develop tools for studying carbohydrates that will enable researchers in all biomedical fields to dramatically advance their understanding of the roles these complex molecules play in health and disease. The technology being developed by Brichacek would enable scientists from a wide variety of disciplines interested in carbohydrates to acquire the desired molecules inexpensively and without highly specialized training. Brichacek, who joined the UMaine faculty in 2014, received his doctorate from Cornell University and was a NIH postdoctoral fellow at the University of Illinois, Urbana-Champaign. Contact: Amanda Clark, 207.581.3721

Alumnus David Sklar joins Legacy Society with \$1M planned gift, BDN reports

28 Jun 2016

The Bangor Daily News published a University of Maine Foundation news release announcing entrepreneur David Sklar ’63 has joined the Charles F. Allen Legacy Society with a \$1 million planned gift. UMaine Foundation President Jeffery N. Mills and UMaine President Susan J. Hunter recently presented Sklar with a certificate recognizing him as a new member of the society, according to the release. “In the end, it’s not about the amount of money, but about how I got to where I am. I wanted to do something to make a lasting legacy, and I think this \$1 million gift will do that,” Sklar said.

Aroostook Farm mentioned in BDN article on Maine potato planting

28 Jun 2016

The University of Maine’s Aroostook Farm was mentioned in a [Bangor Daily News](#) article about how Maine potato farmers have wrapped up planting and are hoping for a good year. Farmers, Maine Potato Board members and UMaine researchers also are studying alternative crops for potato growers, according to the article. The UMaine facility in Presque Isle is hosting a public field day Aug. 22 to showcase related research, including field trials of chickpeas and malting barley, the article states.

Press Herald reviews Maine nursing book co-written by Sossong

28 Jun 2016

The [Portland Press Herald](#) published a review of “Maine Nursing: Interviews and History on Caring and Competence.” The book is co-written by Ann Sossong, a professor emeritus of nursing at the University of Maine. The other writers are Valerie A. Hart, an author and professor of nursing at the University of Southern Maine; Susan Henderson, who taught for 35 years at Saint Joseph’s College before retiring in 2011; and Juliana L’Heureux, who was a home care and hospice manager and editor of the ANA-Maine Nursing Journal for two years, according to the article.

WABI covers stormwater management institute for high schoolers

28 Jun 2016

WABI (Channel 5) reported on the University of Maine’s Stormwater Management Research Team (SMART) Institute for high school students and their teachers. From June 26–29, participants in the program will work with university faculty, students and others to create environmental solutions to stormwater management. “I thought it would be interesting to learn about the stormwater and kind of how I can help my community in different ways,” said Chantel Dulac, a senior from Lewiston. Mohamad Musavi, SMART director and associate dean of the College of Engineering at UMaine, told WABI that the institute is training the students and providing the tools they will need to continue to conduct related experiments throughout the academic year. [WVH](#) (Channel 7) also reported on the program.

UMaine cited in Construction Dive article on cross-laminated timber

28 Jun 2016

The University of Maine was mentioned in the [Construction Dive](#) article, “Branching out: Why cross-laminated timber is making advances in the US.” With origins 20 years ago in Switzerland, Germany and Austria, a mass timber construction system known as cross-laminated timber (CLT) has grown into a growing \$2 billion industry. The U.S. is finally catching on with successful CLT projects imported from Europe throughout the U.S. and Caribbean, as well as new manufacturing in Montana and Oregon, according to the article. “University-driven research from Washington State University and Oregon State University in the West to University of Maine, Virginia Tech, Clemson and University of Arkansas in the East is fueling substantial interest in campus-based construction projects, as well as manufacturing,” the report states.

Gill to co-host new podcast on climate change, Smithsonian reports

28 Jun 2016

[Smithsonian.com](#) reported Jacquelyn Gill, a paleoecologist at the University of Maine, will co-host a new podcast that focuses on climate change and humanity’s role in shaping it. Through the “Warm Regards” podcast, Gill and fellow co-hosts Eric Holthaus, a meteorologist and frequent Slate contributor, and Andy Revkin, a veteran environment writer for the New York Times, will try to bring the planet’s greatest challenge closer to home, according to the article. Revkin also wrote a [New York Times](#) blog post about the podcast.

Maine food for July: Snap beans and cucumbers

29 Jun 2016

University of Maine Cooperative Extension publishes information to help find, grow, use and store in-season fruits and vegetables in Maine. A variety of bulletins can be ordered or downloaded [online](#). July favorites include “[Let’s Preserve: Snap Beans](#),” “[Let’s Preserve: Pickles](#),” “[Vegetables and Fruits for Health: Cucumbers](#)” and “[Vegetables and Fruits for Health: Green Beans and Wax Beans](#).” Freezing green beans and making homemade pickles are simple and easy ways to increase access to a year-round supply of local foods and reduce food expenses. UMaine Extension educator Kathy Savoie recommends getting up-to-date information on the best methods, canners, jars and seals to ensure a safe result before preserving food. Recommendations are available through local [UMaine Extension offices](#) or by calling 581.3188; 800.287.0274 (in Maine). More information, including upcoming food preservation workshops and [how-to videos](#), is [online](#).

Maine Robotics Camp featured on WABI

29 Jun 2016

WABI (Channel 5) reported on the Maine Robotics Camp being held at the University of Maine. The camp is designed for

children who are 9 to 12 years old and have no technical experience. Participants start out learning basic principles about design and finish with building a simple robot from scratch, according to the report. The goal of the camp is to inspire children to consider a career in a technical trade, the report states. Maine Robotics is a nonprofit that partners with UMaine's College of Engineering, the Maine 4-H program, University of Southern Maine, Girl Scouts of Maine, Maine Maritime Academy and the University of Maine at Farmington's Department of Computer Science.

WVII interviews Yarborough about state's blueberry crop

29 Jun 2016

David Yarborough, a blueberry specialist with the University of Maine's Cooperative Extension, spoke with [WVII](#) (Channel 7) about this year's crop. "We had a very unusual spring," Yarborough said. "With the mild winter we didn't get much frost in the ground. So in April we had very warm temperatures, so the plants took up water. And the last week of April we had 18 degrees, and that really hurt a lot of the plants in low-lying areas." He added that currently the berries are small and green and just need heat and water to mature. Usually the blueberry harvest begins in four to six weeks, but this year could be different, according to the report. "Right now it looks like we could have a later season, but you know how weather is, if things get warm they'll catch up," Yarborough said. The Maine Public Broadcasting Network and [Bangor Daily News](#) also interviewed Yarborough about this year's blueberry harvest.

Climate scientists: Australian uranium mining pollutes Antarctic

29 Jun 2016

Uranium mining in Australia is polluting the Antarctic, about 6,000 nautical miles away. University of Maine climate scientists made the discovery during the first high-resolution continuous examination of a northern Antarctic Peninsula ice core. Ice core data reveal a significant increase in uranium concentration that coincides with open pit mining in the Southern Hemisphere, most notably Australia, says lead researcher Mariusz Potocki, a doctoral candidate and research assistant with the Climate Change Institute. "The Southern Hemisphere is impacted by human activities more than we thought," says Potocki. Understanding airborne distribution of uranium is important because exposure to the radioactive element can result in kidney toxicity, genetic mutations, mental development challenges and cancer. Uranium concentrations in the ice core increased by as much as 10^2 between the 1980s and 2000s, accompanied by increased variability in recent years, says Potocki, a glaciochemist. Until World War II, most of the uranium input to the atmosphere was from natural sources, says the research team. But since 1945, increases in Southern Hemisphere uranium levels have been attributed to industrial sources, including uranium mining in Australia, South Africa and Namibia. Since other land-source dust elements don't show similar large increases in the ice core, and since the increased uranium concentrations are enriched above levels in the Earth's crust, the source of uranium is attributed to human activities rather atmospheric circulation changes. In 2007, a Brazilian-Chilean-U.S. team retrieved the ice core from the Detroit Plateau on the northern Antarctic Peninsula, which is one of the most rapidly changing regions on Earth. UMaine climate scientists Paul Mayewski, Andrei Kurbatov, Jefferson Simões, Daniel Dixon, Michael Handley and Elena Korotkikh also participated in the project, as did researchers at Penn State University and in Brazil, Australia and Chile. Potocki and his research partners wrote "Recent increase in Antarctic Peninsula ice core uranium Concentrations," which will be published in *Atmospheric Environment* (Volume 140, September 2016) and is available online in [ScienceDirect](#). The National Science Foundation and National Oceanographic and Atmospheric Administration funded the research. Contact: Beth Staples, 207.581.3777

UMaine Cooperative Extension publications offer tips for berry season

29 Jun 2016

Summer is here and many in Maine are spending more time outdoors. The University of Maine Cooperative Extension offers information and recommendations on a variety of topics from growing berries, to preserving and cooking them. Featured bulletins:

- [Growing Rhubarb in Maine](#)
- [Strawberries](#)
- [Vegetables and Fruits for Health: Wild Blueberries](#)
- [Vegetables and Fruits for Health: Raspberries and Blackberries](#)
- [Growing Strawberries](#)

- [Let's Preserve Series](#)
- [Canning & Freezing Quick-Guides & Entire Series](#)
- [Let's Preserve: Dried Herbs](#)

For more publications visit the Cooperative Extension [Publications Catalog](#). Price lists can be found [online](#).

University of Maine announces Spring 2016 Dean's List

30 Jun 2016

The University of Maine recognized 2,267 students for achieving Dean's List honors in the spring 2016 semester. Of the students who made the Dean's List, 1,721 are from Maine, 483 are from 32 other states and 63 are from 27 countries other than the U.S. Listed below are students who received Dean's List honors for spring 2016, 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
Abbondanzio	Edward	West Gardiner	ME	
Abbotoni	Sarah	Houlton	ME	
Achille	Charlene	Longueuil	QC	Canada
Ackley	Megan	Holden	ME	
Adams	Oliver	Cumberland Center	ME	
Agger	Dana	Newtown	PA	
Ahearn	Matthew	Medway	MA	
Ahern	Joseph	Bangor	ME	
Aiken	Kara	Westford	MA	
Aiken	Nicholas	Sheffield	VT	
Alabbad	Maitham	Old Town	ME	
Alameri	Ali	Abu Dhabi		United Arab Emirates
Alaseel	Mostafa	Qatif		Saudi Arabia
Albano	Michaela	Wells	ME	
Albert	Austin	Presque Isle	ME	
Albert	Christopher	Bradford	ME	
Albert	Evan	Holden	ME	
Albert	Hillary	Presque Isle	ME	
Alex	Gabe	Belfast	ME	
Alexander	Stephanie	New York	NY	
Alexander	William	Cape Elizabeth	ME	

Alexandrou	Rachel	Alna	ME	
Algeo	Lucy	Raymond	ME	
Allan	Derek	Limington	ME	
Allan-Rahill	Nathaniel	Orono	ME	
Allard	Cassandra	Kennett Square	PA	
Allen	Ashley	Stafford Springs	CT	
Allen	Jessica	Cape Elizabeth	ME	
Allen	Mathew	Sanford	ME	
Allie	Madison	Scarborough	ME	
Alshaeban	Saeed	Najran		Saudi Arabia
Alsuruj	Ayman	Old Town	ME	
Altieri	Michael	Orono	ME	
Amaral	Jillian	East Providence	RI	
Ames	Bethany	Eliot	ME	
Ames	Nicholas	Kennebunkport	ME	
Andersen	Emilie	Oppegaard		Norway
Andersen	Shayne	Holden	ME	
Anderson	Ashley	Manchester	ME	
Anderson	Christopher	Old Town	ME	
Anderson	Eleni	Portland	ME	
Anderson	Emily	Weybridge	VT	
Anderson	Steven	Newton	NH	
Andree	Christopher	Saint Peter	MN	
Andrews	Chelsey	North Yarmouth	ME	
Andrews	Joshua	Levant	ME	
Anzurez Uroza	Eduardo	South Portland	ME	
Applebee	Zachary	Orono	ME	
Archer	Jacob	Bangor	ME	
Ardans	Christine	Lemoore	CA	
Arkin	Kevin	Old Town	ME	
Arnold	Nicole	Saint Louis	MO	

Arnold	Olivia	Ogunquit	ME	
Arrants	Rebecca	Corinth	ME	
Arsenault	Jared	Manchester	ME	
Arthur	Danielle	Canton	MA	
Asalone	Kathryn	Hampden	ME	
Asay	Sara	Hudson	ME	
Ashley	Dennis	Los Angeles	CA	
Audet	Alexander	Pittsfield	ME	
Audet	David	Augusta	ME	
Auman	Sophia	Kennebunkport	ME	
Austin	David	Fairfield	ME	
Austin	Matthew	Medway	ME	
Ayes	Armando	Tegucigalpa		Honduras
Ayyash	Ammar	Orono	ME	
Babcock	Caroline	Fremont	NH	
Babineau	Ariana	Bangor	ME	
Bailey	Alexis	Newcastle	ME	
Bailey	Brooke	Biddeford	ME	
Bailey	Kassi	Biddeford	ME	
Bailey	Madelyn	Holden	ME	
Bailey	Michael	Waterville	ME	
Bailey	Taylor	Vassalboro	ME	
Baillie	Ashley	Norway	ME	
Baker	Sarah	Glenburn	ME	
Ballard	Devin	Caribou	ME	
Ballard	Elise	Lebanon	NH	
Bannister	Holiday	Harpenden		United Kingdom
Baos Gallardo	Esther	Puertollano		Spain
Barber	Ian	Gorham	ME	
Barberi	Olivia	Winterport	ME	
Barbieri	Amanda	Wallingford	CT	

Barboza	Gabrielle	Lewiston	ME
Barela	Antonia	New Boston	NH
Barker	James	Turner	ME
Barker	Mary	Stockton Springs	ME
Barker	William	North Andover	MA
Barnard	Linnea	Auburn	ME
Barnes	Emma	Wexford	PA
Barnes	Tyler	Old Town	ME
Barnett	Cody	Gardiner	ME
Barris	Alexander	Gorham	ME
Barry	James	Bangor	ME
Bartash	Bailee	Lincoln	ME
Bartlett	James	Orono	ME
Barto	Nicholas	Kennebunk	ME
Barzin	Alexandra	Jamestown	RI
Baskin	Noah	Ridgefield	CT
Basquez	Sarah	Brunswick	ME
Bassis	Michelle	Plainville	MA
Bastidas	Eric	Wayne	NJ
Bates	Gina	Merrimack	NH
Bates	Willow	Kennebunkport	ME
Bauer	Aidan	Portland	CT
Bauer	Holly	Portland	ME
Bauld	William	West Kennebunk	ME
Baumrind	Jade	Orono	ME
Baurhenn	Kathryn	Sparta	NJ
Bautista	Danielle Moorea	Moorpark	CA
Baxendale	Delaney	Wilton	CT
Bazydlo	Zachary	Pawcatuck	CT
Beal	Stacey	Beals	ME
Bean	Justin	Turner	ME

Beane	Elizabeth	North Reading	MA	
Beaton	Cordell	Houlton	ME	
Beaudoin	Joseph	Kennebunk	ME	
Beaudoin	Samuel	Acton	ME	
Beaudry	Zachary	Searsport	ME	
Beaulieu	Ashleigh	Hermon	ME	
Beaulieu	Maria	Augusta	ME	
Beauregard	Christian	Stratton	ME	
Beccia	Willow	Hudson	MA	
Becker	Alexander	North Chelmsford	MA	
Becker	Christiana	Old Town	ME	
Becker	Samuel	Saint Paul	MN	
Bedovska	Iryna	Sevastopol		Ukraine
Beebe	Connor	Reading	PA	
Beedy	Joshua	Phillips	ME	
Begin	Robert	Saco	ME	
Beil	Vivien	Jena		Germany
Belanger	Alexander	Dayton	ME	
Belanger	Dylan	Moscow	ME	
Belanger	Jaimie	Clinton	ME	
Belanger	Kirstie	Skowhegan	ME	
Belanger	Michael	Amherst	NH	
Belanger	Nichole	Levant	ME	
Belanger	Paige	Fairfield	ME	
Belanger	Shaina	Ashford	CT	
Belisle Haley	Campbell	Yarmouth	ME	
Bellefleur	Abby	Auburn	ME	
Beneduci	Zachary	Troy	NY	
Benner	Heather	Bangor	ME	
Bennett	Alan	Gray	ME	
Bennie-Underwood	Campbell	Watertown	MA	

Benoit	Mitchell	Cape Neddick	ME
Benson	Brawley	Greenbush	ME
Bergdoll	Eliana	Burnham	ME
Berger	Brian	Orono	ME
Berger	Olivia	Danbury	CT
Bergeron	Jessalyn	Gorham	ME
Bergeron	Kaylei	North Reading	MA
Bergeron	Ryan	Howland	ME
Bernard	Ashley	Plymouth	MA
Bernier	Kyle	Sidney	ME
Bernosky	Loni	Bradford	ME
Bernstein	Ryan	Bronx	NY
Bertrand	Marshal	Hubbardston	MA
Bibb	Tiana	Jericho	VT
Bickford-Duane	David	Orrington	ME
Billings	Kayla	Gorham	ME
Bilodeau	Juliana	Brewer	ME
Binette	Alyson	Bradley	ME
Binette	Maliyan	Milford	ME
Bisher	Erika	Hampden	ME
Bisson	Haley	Lewiston	ME
Bisson	Mikaila	Hampden	ME
Bissonnette	Aaron	Lewiston	ME
Bistri	Donald	Orono	ME
Black	Aaron	Fayette	ME
Black	Aaron	Orono	ME
Black	Alex	Fayette	ME
Black	Jill	Bangor	ME
Blackburn	Cody	Cherryfield	ME
Blackwell	Craig	Corinth	ME
Blais	Miranda	Biddeford	ME

Blake	Austin	Westbrook	ME
Blanchard	Matthew	Cumberland Center	ME
Blauvelt	Samuel	Windham	ME
Blodgett	Rebecca	Parkman	ME
Blood	Emily	Searsmont	ME
Bloom	Jacob	Scarborough	ME
Blunt	Allison	South Berwick	ME
Boardway	Garrett	Clifton	ME
Bobbe	Victoria	Bryant Pond	ME
Bodwell	Blake	Brunswick	ME
Bohrer	Isabel	Bar Harbor	ME
Bois	Kevin	Westbrook	ME
Boldebook	Joshua	Saco	ME
Bolduc	Natalie	Dixfield	ME
Bolduc	Samuel	Bangor	ME
Bonsey	Alexa	Bar Harbor	ME
Boomer	Rebekah	Hampden	ME
Boomer	Sarah	Hampden	ME
Bordeau	Emily	Old Orchard Beach	ME
Borer	Samuel	Orono	ME
Borger	Emily	Old Town	ME
Boswell	Andrew	Arundel	ME
Bouchard	Bryan	Corinth	ME
Boucher	Heather	Madawaska	ME
Boucher	Kevin	Madawaska	ME
Boucher	Ryan	Madawaska	ME
Boucher	Zachary	Goffstown	NH
Bouffard	Connor	Biddeford	ME
Boulos	Jaime	New Gloucester	ME
Bourgoin	Brandon	Lee	ME
Bourgoin	Natasha	Van Buren	ME

Bousfield	Kayla	Glenburn	ME
Bouthot	Justine	Biddeford	ME
Boutiette	Amber	Orono	ME
Bowen	Julia	Lisbon Falls	ME
Bowen	Nicole	Fairfield	ME
Bowen	Zachary	Plaistow	NH
Bowie	Benjamin	South Paris	ME
Bowman	Alexis	Waterville	ME
Bowman	Rosanna	Hope	ME
Boyd	Logan	Houlton	ME
Boyle	Nicoleen	Nashua	NH
Boyman	James	Augusta	ME
Brackett	Taylor	Auburn	ME
Bradenday	Finn	Peaks Island	ME
Bragdon	Morgan	Brewer	ME
Brakey	Allison	Orono	ME
Brecker	Joshua	Waldoboro	ME
Breeding	William	East Granby	CT
Brennick	Lindsay	Jay	ME
Breton	Derek	Old Town	ME
Breton	Seth	Freeport	ME
Brett	Courtney	Portland	ME
Brewer	Benjamin	Corinth	ME
Brewer	Evan	Bangor	ME
Bridges	Katie-Lynn	Calais	ME
Briggs	Alyson	Bangor	ME
Briggs	Jack	York	ME
Brigham	Emilie	Andover	MN
Brightney	James	Newburyport	MA
Brink	Sara	Portland	ME
Britton	Jack	Falmouth	ME

Bromberg	Caroline	Princeton Junction	NJ
Brooks	Drew	Lyman	ME
Brooks	Emma	Standish	ME
Brooks	Erika	Cushing	ME
Brooks	Rachel	Clifton	ME
Brown	Aaron	Clinton	ME
Brown	Abegayle	Gorham	ME
Brown	Adam	Scarborough	ME
Brown	Caden	Manchester	ME
Brown	Chelsea	Deer Isle	ME
Brown	Greta	Waldoboro	ME
Brown	Isiah	Dixfield	ME
Brown	James	Scarsdale	NY
Brown	Jennifer	Old Town	ME
Brown	Jordan	Bangor	ME
Brown	Kathleen	Portsmouth	RI
Brown	Kathryn	York	ME
Brown	Lindsey	Lincolnvile	ME
Bruce	Timothy	Orono	ME
Bryant	Emily	Milford	ME
Bryant	Larissa	Dixfield	ME
Buck	Clarissa	Chapman	ME
Buck	Jayme	Nottingham	NH
Buck	Regan	Sanford	ME
Bucklin	Jacob	Searsport	ME
Bucknell	Adam	Gorham	ME
Buczowski	Emily	Woolwich	ME
Buda	Katelynn	Wampsville	NY
Bullard	Andrew	Alfred	ME
Bullard	Samantha	Orono	ME
Bunn	Connor	Mertztown	PA

Bunnell	Hannah	Old Town	ME
Buntrock	Hilary	Rye	NH
Burby	Sarah	Winterport	ME
Burger	Joseph	Tewksbury	MA
Burgess	Mitchell	Standish	ME
Burgess	Mitchell	Veazie	ME
Burgess	Reilly	Greene	ME
Burkard	Alyssa	Stockton Springs	ME
Burkard	Jay	Stockton Springs	ME
Burkhart	James	Bangor	ME
Burkhart	Ryley	Skowhegan	ME
Burnett	Hannah	Surry	ME
Burns	Nathan	Whitefield	ME
Burr	Patrick	Hartland	ME
Bursch	Cody	Minneapolis	MN
Burton	Abbie	Bar Harbor	ME
Bush	Caroline	Holden	ME
Bush	Taylor	Hopkinton	MA
Bushey	Margaret	Biddeford	ME
Bussell	Kelly	Bangor	ME
Bussiere	Chantal	Norwood	MA
Buthlay	Cameron	Topsham	ME
Butler	John	Newport	ME
Butts	Erin	Brunswick	ME
Byard	Tessa	Dedham	ME
Byrne	Devin	Old Lyme	CT
Byrne	Emilia	Kittery	ME
Byrnes	Meaghan	Windham	ME
Byron	Christopher	North Yarmouth	ME
Cabrera	Alexander	Miami	FL
Cahill	Sean	Yarmouth	ME

Calabrese	Victoria	Sierra Vista	AZ	Canada
Calibuso	Enya	Alexandria	VA	
Caliendo	Marcus	Portland	ME	
Campbell	Brady	Blenheim	ON	
Campbell	Leisa	Haverhill	MA	
Campbell	Victoria	Marlton	NJ	
Canarr	Randy	Hampden	ME	
Capella	Maralee	Wanaque	NJ	
Capistrant-Fossa	Kyle	West Springfield	MA	
Carey	Christopher	Bangor	ME	
Carey	Mariah	Plymouth	ME	
Carfagno	Henry	Orono	ME	
Cargnino	Lacey	Oxford	ME	
Carle	Forrest	Calais	ME	
Carlin	Karyn	Surry	ME	
Carlson	Maeve	Wiscasset	ME	
Carlson	Matthew	Stamford	CT	
Carmichael	Chloe	Bucksport	ME	
Carney	Lara	Orono	ME	
Caron	Christina	Dayton	ME	
Caron	Derek	Auburn	ME	
Caron	Molly	Holden	ME	
Caron	Nicholas	Turner	ME	
Caron	Sarah	Holden	ME	
Caron	Tanner	Old Town	ME	
Caron	Vanessa	Sanford	ME	
Carpenter	Megan	Sanford	ME	
Carpenter	Taylor	New Limerick	ME	
Carr	Jordan	Veazie	ME	
Carr	Josh	Calais	ME	
Carr	Nicole	Milford	ME	

Carrier	Grant	Harpswell	ME
Carroll	Cassandra	Enfield	CT
Carroll	Hugh	Peaks Island	ME
Carroll	Megan	Limerick	ME
Carten	Sarah	Reading	MA
Carter	Mindy	Blue Hill	ME
Cartlidge	Calen	Westminster	CO
Cartmell	Matthew	Freeport	ME
Caruso	Paul	Cumberland Center	ME
Carver	Morgan	West Gardiner	ME
Cashman	Sean	Old Town	ME
Caskin	Marrissa	Litchfield	ME
Casoli	Jonna	Waterboro	ME
Cassum	Mikaela	Bangor	ME
Castonguay	Arianna	Augusta	ME
Castonguay	Paige	Benton	ME
Castro	Anthony	Cape Elizabeth	ME
Caswell	Kirsten	Searsport	ME
Cates-Wright	Dakota	Whiting	ME
Caulfield	Kathryn	Naples	ME
Cavanaugh	Meaghan	Calais	ME
Ceccarelli	Camilla	Rome	Italy
Chamberlain	Claire	New Gloucester	ME
Chamberlain	Thad	Benton	ME
Chamberland	Ryan	Auburn	ME
Chamberlin	Phoebe	Auburn	ME
Champagne	Josie	Fairfield	ME
Chan	Perry	Lewiston	ME
Chapman	Benjamin	Portland	ME
Charles	Sydney	Fryeburg	ME
Charpentier	Jordan	Orrington	ME

Chartier	Justin	Dixfield	ME
Chavis	Grace	Fairfield	ME
Chavis	Hannah	Fairfield	ME
Cheff	Joseph	Glenburn	ME
Chen	Pianpian	Bucksport	ME
Chesley	Mitchell	Pittston	ME
Chiamulera	Chelsea	South Portland	ME
Chick	Kaitlyn	Readfield	ME
Choiniere	Michael	Garland	ME
Chretien	Brandyn	Portland	ME
Cicero	Joseph	Douglas	MA
Cirone	Brianna	Jonesport	ME
Cirrinone	Amy	Hampden	ME
Claar	Joseph	Orono	ME
Clark	Brandon	Greene	ME
Clark	Dallas	Augusta	ME
Clark	Daniel	Bangor	ME
Clark	Elizabeth	Dover	NH
Clark	Jesse	Calais	ME
Clark	John	Fairfield	CT
Clark	Kaitlin	Standish	ME
Clark	Kevin	Bangor	ME
Clark	Matthew	West Gardiner	ME
Clark	Mea	Northeast Harbor	ME
Clark	Sally	Hudson	ME
Clark	Sarah	Houlton	ME
Clarke	Naedia	Randolph	MA
Claussen	Rachel	Granby	CT
Clavette	Ian	Lisbon Falls	ME
Cleary	Julia	Wakefield	MA
Clements	Jonathan	Newburgh	ME

Clements	Rebecca	Veazie	ME	Canada
Clifford	Dillon	Lisbon Falls	ME	
Clifford	Krista	Oxford	ME	
Clifford	Tiffany	Clinton	ME	
Closson	Matthew	Hampden	ME	
Cloutier	Andrew	Liberty	ME	
Cloutier	Hannah	Old Town	ME	
Cloutier	Moriah	Vassalboro	ME	
Coburn	Katilyn	Saco	ME	
Cochran	Emma	Surrey	BC	
Cochrane	Stephen	Hingham	MA	
Codega	Anthony	Castine	ME	
Cohen	Tyler	Old Town	ME	
Colburn	Shelby	Eddington	ME	
Coleman	Austin	Bucksport	ME	
Collamore	Amanda	Pittsfield	ME	
Collias	Alison	Natick	MA	
Collias	Joseph	Wilton	CT	
Collins	Dylan	Woburn	MA	
Collins	Marlee	Auburn	ME	
Collinsworth	Aaron	Millinocket	ME	
Collishaw	Anna	Bethesda	MD	
Comeau	Austin	Old Town	ME	
Comeau	Stephen	Bangor	ME	
Comtois	Emily	Castine	ME	
Conceicao Faria	Caroline	Berkeley	CA	
Connelly	Joseph	Vassalboro	ME	
Connolly	Kahli	South Weymouth	MA	
Conrad	Olivia	Yarmouth	ME	
Constantin	Gabriela	Bangor	ME	
Contois	Ryan	Biddeford	ME	

Cook	Joshua	Vergennes	VT	
Cooledge	Danielle	Scarborough	ME	
Cooper	Ashley	Westport	MA	
Cooper	Elizabeth	Abbot	ME	
Coppens	Matthew	Ajax	ON	Canada
Cormier	Kayla	Caribou	ME	
Correale	Jessica	Bangor	ME	
Corson	Megan	Bangor	ME	
Cortez Di Giulio	Brenda	New York	NY	
Cosgrove	Kristin	West Gardiner	ME	
Cosgrove	Sydni	Bangor	ME	
Costello	Sara	Yarmouth	ME	
Cote	Alexis	Madawaska	ME	
Cote	Christenia	Millinocket	ME	
Cote	Jessica	Lewiston	ME	
Cotter	Summer	East Sandwich	MA	
Coughlin	Erin	Marlborough	MA	
Coughlin	Patrick	Cambridge	ON	Canada
Coulter	Everett	Saint Albans	ME	
Courtney	Alexandra	Saco	ME	
Cousins	Brittany	Milford	ME	
Cowan	Kara	Orrington	ME	
Cowger	Felicia	Weston	ME	
Cowperthwaite	Wesley	Windham	ME	
Cox	Michael	Stockton Springs	ME	
Cox	Ryan	Bar Harbor	ME	
Coy	Jessica	Terranora		Australia
Coyle	Ciaran	Lebanon	NH	
Coyle	Donncha	Lebanon	NH	
Coyne	Patrick	Bangor	ME	
Crabtree	Whytne	Gouldsboro	ME	

Craig	Jovon	Brewer	ME	
Cramer	Camille	Lake View Plantation	ME	
Craven	Sarah	Tewksbury	MA	
Crawford	Anthony	Wells	ME	
Crisafi	Sara	Somers	CT	
Crist	Andrew	Brownville	ME	
Crocker	Brandon	Glenburn	ME	
Crofton-Macdonald	Alison	Orono	ME	
Crone	Logan	Danforth	ME	
Cronin	Taylor	Naples	ME	
Cropley	Colleen	Hermon	ME	
Cropley	Melody	Standish	ME	
Cross	Heather	Barton	VT	
Croteau	Kendall	Hampton	NH	
Crouse	Bryan	Westbrook	ME	
Crow	Hannah	Milton Keynes		United Kingdom
Crowley	Casey	Victoria	BC	Canada
Crowley	Jamie	Old Orchard Beach	ME	
Crowley	Kimberly	Vancouver	WA	
Cruwys	Ariana	Lowell	MA	
Cuccinello	Colleen	Medway	ME	
Cullen	Ryan	Hudson	ME	
Cumming	James	Manchester	ME	
Cummings	Kerry	Westport Island	ME	
Cunningham	Matthew	Medfield	MA	
Cunningham	Taylor	Beverly	MA	
Cunningham Tuthill	Rachel	North Providence	RI	
Curran	Nicolette	Skowhegan	ME	
Curtin	Jessica	Dover Foxcroft	ME	
Curtis	Alyssa	Eliot	ME	
Curtis	Meghan	Hampden	ME	

Cutting	Kathryn	Sebago	ME
D'Alessio	Daniel	North Dighton	MA
D'Angelo	Fara	Argyle Twp	ME
D'Antilio	Kestrel	Hartland	ME
Daggett	Christopher	Chelsea	ME
Dagher	Anna-Maria	Veazie	ME
Dagher	Christiana	Veazie	ME
Daley	Jennie	Sullivan	ME
Daly	Courtney	Scarborough	ME
Dam	Olivia	Lewiston	ME
Damsky	Jenya	Salem	MA
Damuck	Ellie	Searsport	ME
Dang	Luke	Augusta	ME
Danner	Alexander	Waterville	ME
Darragh	Jade	Bucksport	ME
Dassow	Timothy	Caribou	ME
Davee	John	Hope	ME
Davenport	Anjelica	Old Town	ME
Davenport	Katherine	Holden	ME
Davis	Brady	Freeport	ME
Davis	Kelsey	Deer Isle	ME
Davis	Nathan	Deer Isle	ME
Day	Matthew	Brunswick	ME
Day	Walker	Lovell	ME
de Silva	Amy	North Dartmouth	MA
Dean	Audrey	Dayton	ME
Dean	Sarah	Industry	ME
Dean	William	Farmington	CT
DeBrock	Spencer	Newtown	CT
Dechaine	Cassandra	Waterville	ME
Decker	Daniel	Dover Foxcroft	ME

Deegan	Lauren	Kennebunk	ME
Deering	Emily	South China	ME
DeForest	Sally	Old Town	ME
Degenhardt	Victoria	Portland	ME
DeGone	Brianna	Turner	ME
DeHaas	Abigail	Carmel	ME
Del Valle	Dominique	Lubec	ME
Delcourt	Meaghan	Old Town	ME
Delia	Hannah	Newtown	CT
DellaMattera	Allison	Belfast	ME
Delong	Joshua	Auburn	ME
DeLorenzo	Kristiana	Bridgewater	MA
DeMello	Benjamin	Rochester	MA
Demick	Cassandra	Cumberland Center	ME
Demin	Elizabeth	Saco	ME
Denbow	Chad	Lubec	ME
Denholm	Bradley	Orono	ME
Denis	Alex	Topsham	ME
Dennis	John	Bangor	ME
Derhagopian	Alex	Falmouth	ME
Derosier	Derek	Orono	ME
DeRoy	Joseph	Gorham	ME
Derr	Christopher	Ellsworth	ME
Desmond	Christopher	Orono	ME
Desoto	Marianna	Gardiner	ME
Despres	David	Kennebunkport	ME
Deveau	Chantal	Cyr Plt	ME
DeVoe	Savannah	Naples	ME
Dewey	Marley	Falmouth	ME
Dick	Cameron	Sidney	ME
Dickens	Sarah	Dedham	ME

Dickinson	Benjamin	Wilton	CT	
Dickinson	Jaden	Skowhegan	ME	
Dickson	Caroline	Fairfax	VA	
Diemer	Trevor	Freedom	ME	
Dignan	Jason	Bangor	ME	
DiMatteo-LePape	Asha	Brattleboro	VT	
DiPietrantonio	Evan	Westbrook	ME	
DiRenzo	Katherine	North Attleboro	MA	
Discatio	LaRae	Scarborough	ME	
Doak	Lauren	Fort Kent	ME	
Doak	Sarah	Stockholm	ME	
Doan	Henry	Perth		Australia
Dodson	Carly	Etna	ME	
Doiron	Cara	Bangor	ME	
Dominguez Lash	Marianna	Londonderry	NH	
Donahue-Ramsey	Samantha	Scarborough	ME	
Donelan	Sophie	Hornchurch		United Kingdom
Donisvitch	Soren	Sidney	ME	
Donnelly	Ian	Windham	ME	
Donnelly	Joshua	Brewer	ME	
Doody	Marigan	Woodland	ME	
Dooling	Katie	South Portland	ME	
Dore	Kelsey	Aberdeen	SD	
Dorr	Madeline	McLean	VA	
Doty	Emily	Lyndonville	VT	
Doty	James	Ellsworth	ME	
Douglass	Chloe	Orono	ME	
Douglass	Dana	Phippsburg	ME	
Douglass	Lyle	Phippsburg	ME	
Dow	Lillian	Millinocket	ME	
Dowd	Kailey	Mendon	MA	

Downey	Coltan	Groton	MA
Downing	Mindy	Brownville	ME
Doyle	Abigail	South Berwick	ME
Doyle	Johna	Gorham	ME
Drake	Kaitlin	Bangor	ME
Drinkwater	Maggie	South Thomaston	ME
Driscoll	Suzanne	Yarmouth	ME
Drown	Susannah	Bangor	ME
Drummond	Chase	Weeks Mills	ME
Dube	Kaitlyn	Woolwich	ME
Dube	Mark	Searsport	ME
DuBois	Desirae	Old Town	ME
Dubois	Nicole	Colchester	VT
Dubois	Samuel	Oakland	ME
Dubuc	Nate	Windham	ME
Duda	Peter	South Thomaston	ME
Duffield	Charles	Old Town	ME
Duffy	Shannah	Brunswick	ME
Duggan	Fionnula	Wells	ME
Duguay	Courtney	Petersham	MA
Dumas	Adam	Gray	ME
Dumas	James	Lewiston	ME
Dumas	Patrick	Gray	ME
Dumond	Cassondra	Bangor	ME
Duncan	Katrina	Bangor	ME
Dunham	Laura	Temple	ME
Dunn	Avery	Dayton	ME
Dunning	Matthew	Orrington	ME
Dunning	Michael	Orrington	ME
Duplisea	Brett	Bangor	ME
Duplissie	Mason	Milford	ME

Dupont	Taylor	North Berwick	ME
Duran-Frontera	Emily	Las Marias	PR
Durepo	Taylor	Presque Isle	ME
Durgin	Ian	Turner	ME
Durkin	Joseph	Brunswick	ME
Durrah	Abigail	Hampden	ME
Dusenge	Belise	Orono	ME
Dutil	Ryan	Winslow	ME
Dziegiel	Brandie	Southwest Harbor	ME
Eacrett	Allison	Lowell	MA
Eagan	Tracie	Calais	ME
Earl-Johnson	Dylan	Topsham	ME
Eaton	Matthew	York	ME
Ebihara	Tomohiro	Lexington	MA
Edgar	William	South Portland	ME
Edison	Timothy	Westford	MA
Edmondson	Mimi	North Yarmouth	ME
Edwards	Ashley	West Suffield	CT
Edwards	Ryan	Augusta	ME
Egan	Matthew	Sanford	ME
Egeland	Dylan	Cape Elizabeth	ME
Eldridge	Erin	Brunswick	ME
Eldridge	Lauren	Falmouth	ME
Eldridge	William	Gorham	ME
Elkins	Aaron	Knox	ME
Elliott	Abigail	Bangor	ME
Ellis	Brittany	Bangor	ME
Elsemore	Caleb	South Portland	ME
Elwell	Amber	Spruce Head	ME
Elz Hammond	Emma	Orono	ME
Emery	Lauren	East Poland	ME

England	Matthew	Bangor	ME	United Kingdom
Enriquez	Gavrielle	Pittsfield	ME	
Eramo	Courtney	Rowley	MA	
Erwin	Rosaleen	Brunswick	ME	
Eslin	Allyson	Old Town	ME	
Etro	Isabella	Eliot	ME	
Evans	Andrea	Milford	ME	
Evans	Jade	Orono	ME	
Evans	Katherine	Guildford		
Everett	Emma	Presque Isle	ME	
Everett	Tyler	Waterboro	ME	
Eye	Grace	Orono	ME	
Fabel	Joshua	Galloway	NJ	
Farley	Gabrielle	Blue Hill	ME	
Farnham	Eli	Old Town	ME	
Farrell	Gary	Lincoln	ME	
Farrington	Shawn	Brewer	ME	
Faucette	Jill	Saco	ME	
Favreau	Samuel	Falmouth	ME	
Fearn	Benjamin	Orono	ME	
Federico	Jennifer	Glenburn	ME	
Fellows	Mitchell	Readfield	ME	
Ferguson	Julianna	Sandwich	MA	
Fernald	Caleb	Brewer	ME	
Ferris	Elizabeth	Jarrettsville	MD	
Feuka	Abigail	Perry	MI	
Fichter	Casey	Veazie	ME	
Fifield	Peta	Franklin	NH	
Finemore	Kirsha	Oakland	ME	
Finn	Molly	Lewiston	ME	
Fischer	Anna	Arlington	VT	

Fischer	Matthew	Wells	ME
Fisher	Jamie	Buxton	ME
Fisher	Zachary	Old Town	ME
Fitzpatrick	Julianne	Wells	ME
Fitzpatrick	Molly	North Yarmouth	ME
Fitzpatrick	Shannon	North Yarmouth	ME
Flanagan	Ryan	Farmington	ME
Flanders	Michael	New Gloucester	ME
Flannery	Alexander	Hampden	ME
Flannery	Miranda	Presque Isle	ME
Floreani	Mary	Wimberley	TX
Flynn	Adam	Caribou	ME
Flynn	Brian	Rocky Hill	CT
Fogarty	Alyssa	South Berwick	ME
Fogg	Lauren	Old Orchard Beach	ME
Folger	Hannah	South Berwick	ME
Folsom	Alison	Saco	ME
Fongemie	Derek	Topsham	ME
Fontaine	Thomas	South Berwick	ME
Ford	Elena	Presque Isle	ME
Ford	Jessica	Milford	ME
Ford	Sarah	Londonderry	NH
Fortier	Daniel	Lewiston	ME
Fortier	Megan	Windham	ME
Fortin	Brianna	Hooksett	NH
Fortin	Michaela	Jefferson	ME
Fortin	Nicholas	Belfast	ME
Foster	Andrew	Jefferson	ME
Foster	Devon	Bangor	ME
Foster	Krista	Hudson	ME
Foster	William	Poland	ME

Fouchereaux	Claire	Yarmouth	ME	
Fournier	Andrew	Bangor	ME	
Fox	Jacob	Enfield	NH	
Foye	Corey	Oakland	ME	
Frank	Daniel	Scarborough	ME	
Franklin	Amy	Bath	ME	
Frantz	Jeremy	Orono	ME	
French	Aaron	Lisbon	ME	
Freshley	Sara	Brunswick	ME	
Frey	Derek	Kenduskeag	ME	
Fried	Nicholas	Millerstown	PA	
Frisard	Meghan	Worcester	MA	
Frost	Ethan	Bangor	ME	
Frost	Katie	London		United Kingdom
Frost	Sarah	Leeds	ME	
Fullmer	Adam	Hallowell	ME	
Gaghan	Leo	Lewiston	ME	
Gagne	Cassidy	Barrington	NH	
Gagne	Eliot	Westbrook	ME	
Gagne	Emily	Raymond	ME	
Gagne	Hailey	South Berwick	ME	
Gagner	Kayla	Tewksbury	MA	
Gagnon	Kristen	Haverhill	MA	
Gagnon	Nolan	Washburn	ME	
Gale	Brandon	Clifton	ME	
Gallant	Tyler	York	ME	
Galley	Kathryn	Temple	NH	
Gallucci	Emmanuel	Winterport	ME	
Gamache	Jillian	Windham	ME	
Garcia	Andrea	Rio Rancho	NM	
Gardner	Christianna	Easthampton	MA	

Gardner	Faith	Walpole	NH
Gardner	Hope	Walpole	NH
Garfield	Nicholas	Lowell	ME
Garner	Emma	Sandown	NH
Gatti	Jonathan	Portland	ME
Gayton	Kayla	Sabattus	ME
Gazura	Kaylie	Setauket	NY
Geffken	Maximilian	Lincolnville	ME
Geiser	Breannah	Brewer	ME
Geissler	Michael	Gray	ME
Geldermann	Hallie	Bristol	NH
Gendreau	Jacob	Saint David	ME
Georges	Marie-France	Orono	ME
Gerow	Annemarie	Bangor	ME
Gerow	Gabriel	Glenburn	ME
Gerson	Erik	Melrose	MA
Gervais	Colton	South Portland	ME
Gianetti	Kile	North Andover	MA
Gianopoulos	Nadine	Veazie	ME
Gibbs	Wendy	Brooks	ME
Gibson	Brandon	Presque Isle	ME
Gifford	Miranda	Bradley	ME
Giggey	Thomas	Bowdoin	ME
Gilbert	Alexander	Brookfield	VT
Gilbert	Christopher	Bernardston	MA
Gilbert	Christopher	Scarborough	ME
Gilbert	Jenna	Eliot	ME
Giles	Connor	Bangor	ME
Gillette	Catherine	Brownfield	ME
Gilmore	Drew	Hampden	ME
Gilmour	Alyssa	Cato	NY

Girsa	Tyson	Millinocket	ME
Glasberg	David	North Scituate	RI
Glatzer	Caleb	Hiram	ME
Gleason-Boure	Nicolas	Windham	ME
Gleeson	Thomas	Cape Elizabeth	ME
Glidden	Abigail	Lee	ME
Glidden	Abigail	Palermo	ME
Gluchanicz	Alice	New Harbor	ME
Goding	Natalie	Livermore Falls	ME
Goins	Faythe	Elgin	SC
Gonnella	Edward	Old Town	ME
Gonyea	Keely	Hermon	ME
Good	Brittany	Presque Isle	ME
Good	Logan	Presque Isle	ME
Goodale	Tabatha	Alfred	ME
Goodine	Devanne	Warwick	RI
Goodine	Lauren	Woodville	ME
Goodine	Mercedes	Bangor	ME
Goodspeed	Kaitlyn	Woolwich	ME
Goodwin	Cameron	Windham	ME
Goodwin	Rita	Passaic	NJ
Goody	Danielle	Shepperton	United Kingdom
Goplerud	Elise	Lowell	MA
Gordon	Jannelle	Lawrence	MA
Gordon	Joshua	Presque Isle	ME
Gori	Jillian	South Berwick	ME
Gosselin	Sarah	Greene	ME
Gottwalt	Catherine	Mound	MN
Gould	Grace	Waterville	ME
Goulding	Jennifer	Groton	MA
Goulette	Zachary	Turner	ME

Goupille	Kyle	Presque Isle	ME
Gower	Rachel	Winterport	ME
Graebert	Colin	Stockton Springs	ME
Gramour	Dakota	Houlton	ME
Grant	Elizabeth	South Portland	ME
Grant	Justin	Lisbon Falls	ME
Grant	Miranda	Ellsworth	ME
Grass	Cameron	Vassalboro	ME
Grass	Meagan	Orrington	ME
Gray	Adam	Northeast Harbor	ME
Gray	Chloe	Windham	ME
Gray	Emily	Lincoln	ME
Gray	Kayla	Verona Island	ME
Greaney	Emily	Mercer	ME
Greco	Callie	Greene	ME
Green	Ashley	Whitefield	ME
Green	Caroline	Portland	ME
Green	Samuel	Auburn	ME
Green	Sydney	Manchester	ME
Greenawalt	Kayla	Orono	ME
Greener	Megan	Eliot	ME
Greenwood	Ben	Livermore	ME
Greenwood	Luke	Livermore	ME
Grenier	Walter	Lamoine	ME
Griffin	Shaun	Phoenix	NY
Griffith	Thomas	Orono	ME
Grissinger	Alexa	Elkins Park	PA
Griswold	Samuel	Orono	ME
Grondin	Jack	Dayton	ME
Grondin	Sarah	Falmouth	ME
Gross	Jacob	Scarborough	ME

Grove	Colin	Cumberland Center	ME
Grover	William	Orono	ME
Guarnieri	Lucia	Belgrade	ME
Guay	Natasha	Old Town	ME
Guider	Justin	Wilmington	DE
Guidosh	Michael	Saint Johnsbury	VT
Guild	Cameron	Manchester	ME
Guiliani	Victoria	Portland	ME
Guimond	Dominic	Portland	ME
Gundlach	Chelsey	Norwood	MA
Gunel	Yagmur	Ellsworth	ME
Gurney	Random	Rumford	ME
Gusmini	Shannon	Natick	MA
Gustinelli	Murilo	New York	NY
Gutkes	Jake	Toms River	NJ
Guzman	Silvia	Milford	ME
Guzzi	Dante	Boothbay	ME
Haferland	Frank	Bangor	ME
Hafford	Benjamin	Dedham	ME
Hagaman	Mykayla	Pickerington	OH
Haines	Savannah	Westport	MA
Hale	Michelle	Naples	ME
Hale	Zachary	Fairfield	ME
Hall	Adam	Gray	ME
Hall	Heather	Sebago	ME
Hall	Jordan	Windham	ME
Hall	Ronald	Cushing	ME
Hall	Taylor	Warren	ME
Hallczuk	Taylor	Biddeford	ME
Hallowell	Angela	Presque Isle	ME
Hamblet	Trevor	Fairfield	ME

Hamel	Emily	Auburn	ME
Hamilton	Mary	Old Town	ME
Hammond	Brooke	Frankfort	ME
Hammond	Matthew	Hampden	ME
Hammontree	Ryan	Falmouth	ME
Hanenburg	Lia	Hampden	ME
Hanscom	Dylan	Dexter	ME
Hanson	Kaitlyn	Warren	ME
Hanson	Katelynn	Bucksport	ME
Hanson	Paige	Fairfield	ME
Harding	Marcus	Wells	ME
Hardy	Emma	Veazie	ME
Hardy	Jessie	Bangor	ME
Hardy	John	Portland	ME
Haritos	Nicholas	Kennebunk	ME
Harmon	Rachel	Hodgdon	ME
Haroldsen	Dylan	Kennebunk	ME
Haroldsen	Kaleigh	Kennebunk	ME
Harriman	Jacob	Augusta	ME
Harrington	Danielle	Milford	ME
Harrington	Kayla	Pelham	NH
Harris	Rebecca	Saco	ME
Harrison	Julia	Yarmouth	ME
Harrison-Billiat	Neal	Orono	ME
Hartwell	Cassidy	Hiram	ME
Harvey	Caroline	Orono	ME
Harvie	Christian	Scarborough	ME
Hashey	Nicolette	Hermon	ME
Haskell	Lyndsey	Nashua	NH
Hatch	Jessica	Bradley	ME
Hatch	Peter	Acton	MA

Hatfield	MacKenzie	Danville	NH	
Hathaway	Carter	Turner	ME	
Hathaway	Erica	Brandon	VT	
Hatt	Meghan	Dedham	ME	
Haughton	Austin	Kingston	MA	
Haverkamp	Holland	Old Town	ME	
Havey	Heather	Franklin	ME	
Hawk	Alton	South China	ME	
Hawkes	Melissa	Kittery	ME	
Hawkins	Katherine	Worcester Park		United Kingdom
Hawkins	Todd	Augusta	ME	
Hay	Ian	West Roxbury	MA	
Hayden	Ryan	Dover	NH	
Hayes	Emily	New Hyde Park	NY	
Hayes	Veronica	East Providence	RI	
Haynes	Megan	Rochester	MN	
Heald	Sarah	Clinton	ME	
Heath	Josie	Augusta	ME	
Hebert	Emily	Madawaska	ME	
Hegarty	David	Limington	ME	
Hegarty	Holly	Bangor	ME	
Heikkinen	Mikael	Auburn	ME	
Hein	Jill	Holden	ME	
Heise	Anna	Halle		Germany
Heithoff	Banton	Oldwick	NJ	
Hench	Jessica	Freeport	ME	
Henderson	Zackary	Hampden	ME	
Herman	Cassidy	Ottawa	ON	Canada
Hernandez	Nathaniel	Auburn	ME	
Herron	Kimberly	Old Town	ME	
Herrschaft	Gene	Portland	ME	

Hersom	David	Turner	ME
Heuschkel	James	New Hartford	CT
Heyden	Deborah	Carmel	ME
Hicks	Tyler	Gray	ME
Hidu	Julia	Hampden	ME
Higgins	Carlianna	Bangor	ME
Higgins	Kirsten	Bangor	ME
Higgins	Lucas	Waterville	ME
Hildebrant	Charles	Dover Foxcroft	ME
Hill	Gwendelyn	Saco	ME
Hill	Kathleen	Ellsworth	ME
Hiller	Kelly	Hampden	ME
Hillier	Todd	Bangor	ME
Hindley	Zachery	Freeport	ME
Hitte	Hannah-Nicole	West Warwick	RI
Hoak	Sarah	Dexter	ME
Hodgkins	Michael	Old Town	ME
Hoey	Isaac	Searsmont	ME
Hofacker	Nicole	Greene	ME
Hoffman	Jennifer	Chagrin Falls	OH
Hogan	Sarah	Falmouth	ME
Holden	Hannah	Belfast	ME
Holland	Elijah	Skowhegan	ME
Holland	Lauren	Canterbury	CT
Holmes	Jacklyn	Hiram	ME
Holmsen	Erik	Oakland	ME
Holt	Heather	Gouldsboro	ME
Hood	Victoria	Willow Grove	PA
Hooke	Steven	Bangor	ME
Hooper	Megan	Mercer	ME
Hoops	Sarah	Scarborough	ME

Horton	Camilla	North Yarmouth	ME	
Houdeshell	Jordan	Ledyard	CT	
Houp	Lindsay	Brewer	ME	
Houp	Megan	Hampden	ME	
Houston	Emma	Kingfield	ME	
Houston	Kelsey	Bucksport	ME	
Howard	Cassandra	Searsmont	ME	
Howard	Kenneth	Greenville Jct	ME	
Howe-Poteet	Dimitrje	Glenburn	ME	
Howell	Anne	Union	ME	
Howes	Lanie	Athens	ME	
Howes	Megan	Hermon	ME	
Howlett	Brandon	Presque Isle	ME	
Howson	Charlotte	Hampden	ME	
Howson	Maria	Hampden	ME	
Hoyt	Corrin	South Berwick	ME	
Huang	Zheng	Yuyao		China
Hubbard	Kennedy	Orono	ME	
Huber	Benjamin	Westborough	MA	
Huck	Connor	Yarmouth Port	MA	
Huettner	Rebecca	Monson	ME	
Huffor	Cheyenne	Madisonville	TN	
Hulst	Colin	Scarborough	ME	
Hummel	Victoria	Niederoesterreich		Austria
Hummes	Katie	Lewiston	ME	
Humphrey	Helen	Pownal	ME	
Hunt	Jamie	Portland	ME	
Hunter	Haley	Caribou	ME	
Huntley	Emma	Machiasport	ME	
Hurley	Madison	Arlington	MA	
Hurley	Nicole	Standish	ME	

Hurrell	Megan	Saco	ME	Canada
Hussey	Karah	Hudson	ME	
Husson	Ashlee	Bangor	ME	
Huston	Nicholas	Woolwich	ME	
Hutchinson	Emma	Topsham	ME	
Idelkope	David	Chesterfield	NH	
Illingworth	Emily	Eddington	ME	
Inkova	Diana	Orono	ME	
Innes	Alexis	Biddeford	ME	
Introne	Alexander	Orono	ME	
Ip	Brandon	Pembroke	MA	
Iradukunda	Simplice	Orono	ME	
Ireland	Alexandra	Hampden	ME	
Irvine	Clara	Farmingdale	ME	
Iselborn	Lucy	Scarborough	ME	
Jackson	Carly	Amherst	NS	
Jackson	Marcilla	Old Town	ME	
Jackson	Teal	Bangor	ME	
Jacobson	Rebecca	Bangor	ME	
Jacques	Daniel	Durham	ME	
Jakubow	Nicole	New York	NY	
Jalette	Hannah	Winslow	ME	
Jandreau	Darin	Madawaska	ME	
Jarvis	Jenice	Presque Isle	ME	
Jarvis	Kenedy	Presque Isle	ME	
Jeffrey	Benjamin	Orrington	ME	
Jennings	Ryan	Orono	ME	
Jensen	Scott	Portland	ME	
Jeppson	Jamie	Durham	ME	
Jevons	Krsna	Rensselaer	NY	
Jewell	Andrew	Concord	NH	

Jiang	Hubert	San Francisco	CA
Jimenez	Alexandria	Montville	ME
Johns	Colby	Woodstock	CT
Johnson	Cassandra	Warren	PA
Johnson	Kayley	Freeport	ME
Johnson	Logan	Calais	ME
Johnson	Maxwell	Gorham	ME
Johnson	Michael	Old Town	ME
Johnson	Morgan	Holden	ME
Johnson	Rachel	South Thomaston	ME
Johnson	Samuel	Mount Desert	ME
Johnston	Kasey	Lockport	NY
Jonas	Daniel	Westport	CT
Jones	Andrew	Scarborough	ME
Jones	Charles	Cape Elizabeth	ME
Jones	Kaitlin	Norwalk	CT
Jones	Kayla	Wallingford	CT
Jones	Tucker	Poland	ME
Jordan	Amanda	Biddeford	ME
Jordan	Anna	Ellsworth	ME
Jordan	Blakelee	Camden	ME
Jordan	Jacob	Ellsworth	ME
Jordan	Kyle	Derry	NH
Jordan	Nicholas	Waltham	ME
Joy	Amanda	Smithfield	ME
Joy	Gabriella	West Baldwin	ME
Joy	Jacob	Brewer	ME
Joy	Jarrod	Brewer	ME
Judkins	Robert	Hampden	ME
Julian	Rebecca	Old Town	ME
Junkins	Hayley	Berwick	ME

Kaiser	Lauren	Winthrop	ME
Kaiser	Rebecca	Biddeford	ME
Kamorski	Laura	Levant	ME
Kaplan	Toni	South Berwick	ME
Karam	Rachel	Bangor	ME
Karas	Hanna	Hope	ME
Karno	Rachel	Farmington	ME
Karpa	Jessica	Telford	PA
Karr	Ashley	South Berwick	ME
Karunasiri	Charm	Caribou	ME
Karunasiri	Chaya	Caribou	ME
Kashkooli	Maryam	Bangor	ME
Kaspala	Adam	Bangor	ME
Kastner	Grace	Granite Bay	CA
Kavanah	Grace	Readfield	ME
Keating	Karissa	North Andover	MA
Keating	Monica	South Hamilton	MA
Keaton	Katherine	Caribou	ME
Keeley	Margaret	Readfield	ME
Keim	Summer	Dixfield	ME
Kelley	Brian	Windham	ME
Kennedy	Alexander	Plaistow	NH
Kennedy	Anne	Sound Beach	NY
Kennedy	Isabelle	Unity	ME
Kennedy	Michael	Biddeford	ME
Kenniston	Dana	Gray	ME
Kerrigan	Kaitlyn	Monmouth	ME
Kerrigan	Shannon	Litchfield	NH
Kieffer	Ginger	Caribou	ME
Kiffney	Grace	Portland	ME
Kiidli	Taniel	South Portland	ME

Kilby	Isaiah	Lowell	ME	
Kimball	Meghan	Scarborough	ME	
Kindler	Todd	Glenburn	ME	
King	Christopher	Indian Island	ME	
King	Courtney	Augusta	ME	
King	Jonathan	Quincy	MA	
King	Nicole	Bangor	ME	
King	Samantha	Fairfield	ME	
Kingston	Victoria	Bradford	ON	Canada
Kirbach	Anastasia	Veazie	ME	
Kirby	Allyson	Gray	ME	
Kirk	Katherine	Scarborough	ME	
Klats	Krystsina	Gorodok		Belarus
Kleinhouse-Goldman	Tal	Nir Moshe		Israel
Klemperer	Matthew	Falmouth	ME	
Kluge-Edwards	Leona	Casco	ME	
Knafl	Meija	Ann Arbor	MI	
Knight	Lucas	Buxton	ME	
Knight	Rachel	Dixfield	ME	
Knight-Vezina	Meredith	Tolland	CT	
Knott	Kaylin	Skowhegan	ME	
Knowles	Sarah	Andover	MA	
Knowlton	Benjamin	Searsport	ME	
Kobrock	Emily	Gardiner	ME	
Kohtala	Hope	Poland	ME	
Koizar	Sigrid	Vienna		Austria
Koller	Angus	Monmouth	ME	
Koller	Hayden	Monmouth	ME	
Koops	Todd	Berlin	CT	
Kostusyk	Zachary	Bangor	ME	
Kotkowski	Priscilla	Hope Valley	RI	

Kotosky	Thomas	Westborough	MA
Kotze	Samantha	Bethlehem	PA
Kourinos	Narissa	Gorham	ME
Kovalik	Nicholas	Stratford	CT
Kramer	Ira	Veazie	ME
Krasnow	Samantha	Islesford	ME
Kreider	Connor	Palmyra	ME
Krevans	Aaron	Bar Harbor	ME
Kreyssig	Stephannie	Milford	ME
Krichels	Stephen Thomas	Surry	ME
Kritzman	Gregory	Topsham	ME
Krug	Chelsea	Old Town	ME
Kuhlka	Birgit	Northfield	MA
Kuun	Sierra	Kennebunkport	ME
Kwiatkowski	Ashley	Orono	ME
LaBrie	Kayla	Winslow	ME
LaClaire	Hannah	Turner	ME
LaCroix	Tamika	Solon	ME
Ladd	Hannah	Somerville	ME
Ladderbush	Emily	Lynn	MA
Laggis	Alexandra	Fairfield	VT
LaGrange	Haley	Lewiston	ME
Lajoie	Conner	Yarmouth	ME
LaJoie	Nicholas	Van Buren	ME
Lajoie	Noelle	Old Town	ME
LaMagna	Peter	Freeport	ME
Lamb-Wotton	Lukas	Orono	ME
Lambert	Emily	Fairfield	ME
Lambert	Jacqueline	Presque Isle	ME
Lambrecht	Mark	Kittery Point	ME
Lambrecht	Mary	Kittery Point	ME

Lamontagne	Ciera	Arundel	ME	
Lamson	Andrew	Westbrook	ME	
Lancaster	Joseph	Scarborough	ME	
Landry	Samuel	Yarmouth	ME	
Landry	Taylor	Auburn	ME	
Landry	Travis	Auburn	ME	
Lane	Christopher	Litchfield	ME	
Lane	Evan	Old Town	ME	
Lane	Rebecca	Durham	ME	
Lane	Zachary	Portland	ME	
Lang	Tyler	Manchester	ME	
Langlais	Priscilla	Cranston	RI	
Langlois	Cameron	Scarborough	ME	
Langtry	Jillian	Fort Frances	ON	Canada
LaPanne	Cody	East Weymouth	MA	
Laperle	John	Berlin	VT	
Lapham	Katrina	Belfast	ME	
Laplante	Eric	Van Buren	ME	
Laplante	Erica	Augusta	ME	
LaPlante	Rhiannon	Skowhegan	ME	
LaPointe	Chantel	Saint Agatha	ME	
LaPointe	Evan	Minot	ME	
Lapointe	Olivia	Saco	ME	
Lappin	Olivia	Scarborough	ME	
Lau	Jordan	Auburn	ME	
Lavallee	Kaitlyn	Cumberland	ME	
Lavin	James	Waterville	ME	
Lavoie	Jessica	Rochester	NH	
Lavway	Ryan	Mapleton	ME	
Lawrence	Russell	South Thomaston	ME	
Lawrence	Troy	Orono	ME	

Le	Hoang Anh	Quincy	MA
Leach	Madison	Easton	ME
Leavitt	Samuel	Freeport	ME
Lebel	Samuel	Winterport	ME
LeBlanc	Elizabeth	Holden	ME
LeBlond	Paige	Lewiston	ME
LeClair	Allison	Winslow	ME
Leclair	Joseph	Fairfield	ME
Ledwith	Jordan	Norton	MA
Lee	Jennifer	Framingham	MA
Lee	Lauren	Hampden	ME
Lees	Katherine	Saco	ME
Legere	Marc	Tewksbury	MA
Leighton	Aaron	Steuben	ME
Leighton	Deirdre	Manchester	NH
Lelio	Danielle	Lee	NH
Lemmler	Samantha	Medway	MA
Lemoine	Owen	Saco	ME
Lenentine	Taylor	Sidney	ME
Lenfest	Eben	Smithfield	ME
Leonard	Erika	Rocky Hill	CT
Leonard	Kaitlynn	Rutland	MA
Leonard	Tori	Kennebunk	ME
Leopold	Ruth	Wilton	ME
Lesko	Daniel	Farmington	ME
Letourneau	Adam	Old Town	ME
Letourneau	Zebediah	Rochester	NH
LeVasseur	James	Stillwater	ME
Levesque	Dustin	Old Town	ME
Levesque	Gavin	Caribou	ME
Levesque	Nicholas	Fort Kent	ME

Lewis	Alexandra	Raymond	ME
Lewis	Linda	Bangor	ME
Li	MeiWa	Hartland	ME
Libby	Alyssa	Buxton	ME
Libby	Casey	Hollis Center	ME
Libby	Justin	Brunswick	ME
Liberman	Kathryn	Old Town	ME
Lichtenberg	Ian	Lincoln	ME
Light	Melissa	Malden	MA
Liimatta	Mikko	West Paris	ME
Lima	Kyle	Ellsworth	ME
Lindbom	Eric	York	ME
Lindsay	Alexis	Orrington	ME
Lindsay	Benjamin	Scarborough	ME
Lindsley	Spencer	Bath	ME
Linehan	Ruth	Mallow	Ireland
Lipinski	Hannah	East Bridgewater	MA
Littlefield	Elizabeth	North Berwick	ME
Littlejohns	Meaghan	Concord	NH
Livingston	Blaine	Winterport	ME
Livingston	Grace	Veazie	ME
Lizotte	Craig	Skowhegan	ME
Lochowski	Andrew	East Haddam	CT
Lodge	Susan	Old Town	ME
Loftin	Lori	Tampa	FL
Logan	Connor	Cape Elizabeth	ME
Logie	Devon	Linneus	ME
Lonabaugh	Kyle	Woodbury	NJ
Long	Amanda	Glenburn	ME
Longfellow	Steven	Farmingdale	ME
Lopes	Ryan	Waterville	ME

Lopez	Alex	Kingfield	ME
Loring	Delaney	Portland	ME
Loseby	Justin	White River Junction	VT
Lovejoy	Victoria	Augusta	ME
Lovely	Brooke	Washburn	ME
Lovely	Emmaline	Lebanon	ME
Lovley	Jamie	Owls Head	ME
Lowery	Jeanna	Cumberland Foreside	ME
Lowry	Heather	Alstead	NH
Luce	Sean	Gorham	ME
Lucky	Karen	Hampden	ME
Lucy	Colleen	Verona Island	ME
Luedee	Catherine	Phippsburg	ME
Luick	Shireen	New Sharon	ME
Luken	Hannah	West Gardiner	ME
Lunn	Johanna	Bangor	ME
Lunn	Nicholas	Houlton	ME
Luo	JiaJun	Bangor	ME
Luthin	Ethan	Orono	ME
Lynch	Adam	Waldoboro	ME
Lynch	Briana	Auburn	ME
Lynch	Marissa	Merrimack	NH
Lyons	Lila	Parsonsfield	ME
Lyons	Michael	New Gloucester	ME
Lyons	Sara	Ellsworth	ME
MacAdam	Noah	Orono	ME
MacDonald	Abigail	Yarmouth	ME
Machesney	Leala	Portland	ME
Mackin-McLaughlin	Julia	Ambler	PA
MacKinnon	Duncan	Colchester	CT
Mackintosh	Sean	Bangor	ME

Maclean	Michael	Southwest Harbor	ME	Canada
Macsorley	Kelsey	Stratford	ON	
Madden	Kerry	Washington	ME	
Maddix	Hannah	Saco	ME	
Maddocks	Frederick	Dover Foxcroft	ME	
Maddocks-Wilbur	Justice	Ellsworth	ME	
Magnani	Ralph	Southwest Harbor	ME	
Magnusen	Jocelyn	Whitefield	ME	
Magnuson	Lauren	South Portland	ME	
Maguire	Tyler	Bucksport	ME	
Mahar	Rachael	Pembroke	ME	
Maines	Nicole	Portland	ME	
Majors	Jessica	Orono	ME	
Malis	Elliot	Brunswick	ME	
Mallory	Andrew	Gales Ferry	CT	
Malloy	Brody	Pittsfield	ME	
Maloy	Maggie	Biddeford	ME	
Manahan	James	Cumberland	ME	Nepal
Manandhar	Sony	Kathmandu		
Mancheva	Amanda	Sofia		
Manley	Hunter	Orono	ME	Bulgaria
Manley	Mary-Margaret	Manchester	ME	
Manson	Kyle	Eddington	ME	
Mansour	Isaiah	Fairfield	CT	
Mantoni	Michael	Blackstone	MA	
Manzo	Katelyn	Etna	ME	
Marcotte	Adam	North Waterboro	ME	
Marcotte	Eric	East Longmeadow	MA	
Marcotte	Jonathan	Bangor	ME	
Marean	Emily	Westbrook	ME	Canada
Marks	Jacob	Bright's Grove	ON	

Marley	Carrie	Bangor	ME	Canada
Marquis	Kayla	Orono	ME	
Marsh	Devin	Saco	ME	
Marsh	Sarah	Cambridge	MA	
Marshall	Grace	New Dominion	PE	
Marshall	Sarah	Scarborough	ME	
Marsters	Erica	Winterport	ME	
Martel	Andrew	Steep Falls	ME	
Martens	Lorin	Freeport	ME	
Martin	James	Dedham	ME	
Martin	Karin	Sanford	ME	
Martin	Lauren	Bradley	ME	
Martin	McKenna	Midlothian	IL	
Martin	Mikaela	Georgetown	ME	
Martin	Morgan	Bowdoin	ME	
Martin	Paige	Bath	ME	
Martin	Rachel	Bradley	ME	
Martin	Teiga	Bremen	ME	
Mason	Ashley	New Harbor	ME	
Mason	Rebecca	Dexter	ME	
Mason	Zachary	Wells	ME	
Massey	Kurt	Orrington	ME	
Masson	Molly	Forestdale	MA	
Masters	Jaclyn	Auburn	ME	
Masters	Molly	New Gloucester	ME	
Masters	Thomas	Round Pond	ME	
Mathieson	Heath	Liberty	ME	
Mathis	Nathan	Portland	ME	
Matteau	Alyson	Mirabel	QC	Canada
Matteo	Caroline	Camden	ME	
Matthews	Amanda	Ellsworth	ME	

Mattor	Riley	Hollis Center	ME
Matus	Leah	West Hartford	CT
Matusko	Rachel	Cape Elizabeth	ME
Maxwell	Harli	Lincoln	ME
Maynard	Nicholas	North Yarmouth	ME
Mcardle	Ian	Elmer	NJ
McCage	Joseph	Eddington	ME
McCaslin	Courtney	Winslow	ME
McCaslin	Matthew	Old Town	ME
McClain	Sage	Orono	ME
McCormick	Adrienne	Lynbrook	NY
McCrodden	Courtney	Holyoke	MA
McCue	Desaraye	Old Town	ME
McDonald	Catherine	Jonesport	ME
McDonald	Jamie	South Portland	ME
McDonald	William	Hermon	ME
McDonnell	Shaun	Burlington	MA
McEachern	Cecelia	Ellsworth	ME
McEnery	William	Durham	ME
McGee	Abigale	Kennebunk	ME
McGill	Brendan	Stratford	CT
McGloin	John	Marshfield	MA
McGovern	Ashley	Hooksett	NH
McGraw	James	Beverly	MA
McGuire	Timothy	Taunton	MA
McGuirk	Matthew	Biddeford	ME
McKim	Keegan	Trenton	ME
McLaughlin	Benjamin	Manchester	ME
McLaughlin	Brooke	Dedham	ME
McLaughlin	Mark	Hampden	ME
McMahon	Cameron	Wells	ME

McMahon	Katherine	Old Town	ME
McManus	Nikkiah	Orrington	ME
McNally II	Jeffrey	Gorham	ME
McNamara	Luke	Eliot	ME
McPherson	Katelyn	Presque Isle	ME
McSwain	Arden	Edgecomb	ME
McWilliam	Madison	Webster	MA
McWilliams	Augustus	Pittsfield	ME
McWilliams	Emma	Pittsfield	ME
Mealey	Meaghan	Manchester	NH
Medeiros	Edward	Rehoboth	MA
Medina	Joshua	Orono	ME
Meeker	Maude	Naples	ME
Melber	Victoria	Glen Burnie	MD
Mellon	Sean	Camden	ME
Melmed	Garvey	Greenbush	ME
Melvin	Shania	Damariscotta	ME
Menard	Patrick	Wells	ME
Mensa	Ashley	Waterbury	CT
Menter	Alexander	Berwick	ME
Merchant	Will	Saint Paul	MN
Mercier	Erin	Orono	ME
Merrill	Tina	Portland	ME
Meserve	Kayla	Jay	ME
Meserve	Shannon	Falmouth	ME
Meservey	Caleb	Litchfield	ME
Messerman	Taylor	Brunswick	ME
Messina	Nicholas	Derry	NH
Mestieri	Lindsay	Bangor	ME
Michaud	Andrew	Presque Isle	ME
Michaud	Haley	Old Town	ME

Michaud	Haley	Topsham	ME
Michaud	Matthew	Greenwood	ME
Mickiewicz	Jackman	South Portland	ME
Midura	Natalie	Chelmsford	MA
Mietzsch	Erica	Winthrop	MA
Mihaiu	Matthew	Westborough	MA
Mihm	Jerry	Guilford	ME
Mildrum	Samuel	Falmouth	ME
Miles	Daniel	Acton	ME
Miller	Cassandra	Pittsfield	ME
Miller	Emily	Bowdoin	ME
Miller	Forrest	Holden	ME
Miller	Ian	Winterport	ME
Miller	Michelle	Bangor	ME
Millett-Cordwell	Benjamin	Waterford	ME
Milliken	Brigitte	Bowdoinham	ME
Mills	Abigail	Scarborough	ME
Mills	Heidi	Rockland	ME
Mininni	Anna	Biddeford	ME
Misner	Nicole	Tampa	FL
Mitchell	Mikayla	Brewer	ME
Mitchell	Scott	Haymarket	VA
Mitchell	Shawn	Minot	ME
Mitman	Ivy	Strong	ME
Moeller	Michelle	Old Town	ME
Moineau	Ashley	Oxford	MA
Molt	Logan	Damariscotta	ME
Monahan	Kyle	Camden	ME
Mondor	Amber	Biddeford	ME
Mondor	Cameron	Saco	ME
Moody	Kelsey	Pittston	ME

Mooney	Alexandria	Millinocket	ME
Moore	Nathan	Patten	ME
Moore	Robert	Cumberland Center	ME
Moore	Samantha	Brunswick	ME
Moran	Andrew	Randolph	ME
Moran	Haleigh	Sidney	ME
Moran	Lindsey	Orono	ME
Morancy	Hunter	Wilder	VT
Morefield	Robert	Penobscot	ME
Moreshead	Molly	Holden	ME
Morey	Megan	Chichester	NH
Morgan	Abigail	Bowdoin	ME
Morgan	Annie	Orono	ME
Morgan	Brian	Windham	NH
Morgan	Cara	Exeter	ME
Morgan	Caroline	Reading	MA
Morgan	Hannah	Gardiner	ME
Moriarty	Kaitlyn	Old Town	ME
Morin	Blaine	Sanford	ME
Morin	Erika	Fairfield	ME
Morin	Megan	Hampden	ME
Morin	Mikayla	South Paris	ME
Morin	Trevor	Scarborough	ME
Morneault	Julie	Sabattus	ME
Morrill	Aidan	Kittery	ME
Morrill	Jason	Saco	ME
Morris	Alexandra	East Walpole	MA
Morris	Lindsay	Fairfield	ME
Morris	Mallori	Bridgeport	CT
Morris	Matthew	Veazie	ME
Morris	Michaela	Portland	ME

Morton	Bailey	Rehoboth	MA	
Mosher	Brianna	Monmouth	ME	
Moutal	Hannah	Topsham	ME	
Mower	Kirstie	Dexter	ME	
Moyer	Ryan	Freeport	ME	
Mullen	Tara	Nottingham	NH	
Mulvaney	Kimberly	Orono	ME	
Munson	Julianne	Branford	CT	
Murchison	Samantha	Caribou	ME	
Murphy	Christopher	Kingfield	ME	
Murphy	Delaney	Kennebunk	ME	
Murphy	Eileen	Weymouth	MA	
Murphy	Gabrielle	Lachine	QC	Canada
Murphy	Kathleen	Bass Harbor	ME	
Murray	Amber	Milford	ME	
Murray	Lydia	Sault Ste Marie	ON	Canada
Murray	Michaela	Bar Harbor	ME	
Murray	Theresa	Burlington	MA	
Muse	Christina	Wells	ME	
Nadeau	Shane	East Millinocket	ME	
Nadeau-Carney	Vie	Biddeford	ME	
Naisbitt	Landere	Blue Hill	ME	
Naisbitt	Lara	Blue Hill	ME	
Naranja	Antonio	Fort Kent	ME	
Nardello	Marisa	Wolfeboro	NH	
Nardone	Samantha	Fryeburg	ME	
Nason	Erin	Ellsworth	ME	
Nazar	Eleanor	Readfield	ME	
Ncube	Buhlebakhe	Bulawayo		Zimbabwe
Ndaruhutse	Bienvenu	Midland	MI	
Neal	Jacob	Aurora	ME	

Nelson	Blake	Old Town	ME	
Nelson	Mozai	Uniondale	NY	
Nelson-Lee	Meryl	Jamestown	RI	
Nerney	Jocelyn	Londonderry	NH	
Netherton	Haley	Fishers	IN	
Neuschwanger	Shelby	Bath	ME	
Neville	Suzanne	Orono	ME	
Newcomb	David	Eatontown	NJ	
Newcomb	Jesse	Norway	ME	
Newland	Cameron	East Burke	VT	
Newman	Michael	Ellsworth	ME	
Nguyen	Duc	Ho Chi Minh City		Vietnam
Nguyen	Han	Old Town	ME	
Nguyen	Trang	Bangor	ME	
Nichols	Emma	Lewiston	ME	
Nichols	Jenna	Sanford	ME	
Nicholson	Shannon	Cape Elizabeth	ME	
Nickerson	Brittney	Dedham	ME	
Nickerson	Hannah	Holden	ME	
Nicklas	Haley	Plymouth	MA	
Nicolo	Laura	Lebanon	ME	
Nightingale	Lauren	Bangor	ME	
Nightingale	Mallory	Ellsworth	ME	
Nikachin	Igor	Mapleton	ME	
Noble	Charlee	Norway	ME	
Noble	Michael	Kittery	ME	
Noble	Sarah	Kittery	ME	
Noel	Holly	Uxbridge	MA	
Nogueira	Luiz	New York	NY	
Noiles	Nicholas	Fairfield	ME	
Nolan	Andrew	New Rochelle	NY	

Nolette	Barry	Kennebunk	ME	Canada
Nolette	Victoria	Readfield	ME	
Noriega	Hannah	Old Town	ME	
Norman	Courtney	Pointe Claire	QC	
Norman	Justin	Sanford	ME	
Norris	Braydon	Holden	ME	
Nosel	Elise	Gouldsboro	ME	
Novak	Sadie	Hampden	ME	
O'Beirne	Maeve	Sudbury	MA	
O'Brien	Terence	Eliot	ME	
O'Connor	Grayson	Yarmouth	ME	
O'Connor	Gregory	South China	ME	
O'Connor	Justin	Beverly	MA	
O'Connor	Lydia	Newton	MA	
O'Donnell	Riley	Brunswick	ME	
O'Driscoll	Kathleen	Marshfield	MA	
O'Gorman	Samantha	Natick	MA	
O'Keefe	Tyler	Fryeburg	ME	
O'Malley	Sarah	Belmont	MA	
O'Neil	Nicole	South Berwick	ME	
O'Neil	Shannon	Milan	NH	
O'Toole	Kathleen	Kennebunk	ME	
Oakes	Amber	Milford	ME	
Oakes	Nichole	Frenchville	ME	
Oakley	Sarah	South Berwick	ME	
Oberholtzer	Matthew	Cape Elizabeth	ME	
Oberink	Sarah	Yarmouth	ME	
Odiorne	Shane	Eliot	ME	
Odunze	Fidel	Kaduna		Nigeria
Ogden	Erica	Old Town	ME	
Ogden	Katrina	Attleboro	MA	

Ohland	Lila	Camden	ME	
Oleson	Ashley	Ellsworth	ME	
Olivari	Meredith	Castine	ME	
Ollhoff	Stephanie	Niantic	CT	
Olmstead	Tabitha	Bangor	ME	
Olsen	Anna	Pittsfield	ME	
Olson	Jacob	Turner	ME	
Onos	Sydney	South Portland	ME	
Orach	Jesse	Gorham	ME	
Orrell	Jordan	North Oxford	MA	
Orsini	Leah	Raymond	ME	
Ortiz	Aaron	Orrington	ME	
Osborne	Jake	Burlington	ON	Canada
Oswald	Adelle	Peru	ME	
Ouellette	Brian	Winslow	ME	
Ouellette	Cameron	Orono	ME	
Ouellette	Taylor	Turner	ME	
Outman	Susan	Monroe	ME	
Owen	Henry	Camden	ME	
Pacent	John	Cumberland Foreside	ME	
Padgett	Marissa	Powhatan	VA	
Page	Cassandra	Wells	ME	
Palmer	Jacqueline	Bangor	ME	
Palmer	Madeline	Scarborough	ME	
Palmeter	Zechariah	Orono	ME	
Palsson	Luke	Marshfield	MA	
Pandey	Sujita	Kathmandu		Nepal
Paneral	Carolyn	Berwyn	IL	
Panzino	Karissa	Litchfield	ME	
Pappas	Jane	Mount Desert	ME	
Paradis	Daniel	Sidney	ME	

Paradis	Hannah	Minot	ME
Paradis	Josiah	Belgrade	ME
Parady	Brigitte	Trenton	ME
Parent	Isabel	Hamlin	ME
Parent	John	Hamlin	ME
Parker	Keith	Brewer	ME
Parody	Valerie	Midland Park	NJ
Parr	Michael	Dedham	MA
Pasquarella	Margaret	New Milford	CT
Pasquerillo	Elias	Hermon	ME
Patel	Nisha	Sanford	ME
Paterson	Andrew	Presque Isle	ME
Patnaude	Joshua	Sanford	ME
Patterson	Amelia	Wellfleet	MA
Paul	Adam	Farmington	ME
Paul	Jenna	Arundel	ME
Pawlicki	Anthony	Buffalo Grove	IL
Pawlowski	Lynn	Boothbay	ME
Paye	Laura	Westfield	MA
Payne	Brianna	Lewiston	ME
Peacock	Mackenzie	Weare	NH
Pearson	Madeline	Fryeburg	ME
Pease	Abigail	York	ME
Pedersen	Cory	Whitefield	ME
Peerson	Cole	Amesbury	MA
Pellerin	Morgan	Waterville	ME
Pelletier	Jordan	Rome	ME
Pelletier	Kali	Ashland	ME
Pelletier	Michelle	Topsham	ME
Pelletier	Roxanne	Fort Kent	ME
Peltier	Jayson	Plymouth	MA

Pendleton	Victoria	Hudson	ME
Peng	Yi	Old Town	ME
Pennington	Olivia	Waldoboro	ME
Peralta	Gabriela	Woolwich	ME
Perez	Jessica	Granada Hills	CA
Pergerson	Alexandra	South Berwick	ME
Perkins	Sarah	Merrimack	NH
Perley	Sarah	Carmel	ME
Perron	Kaelina	Auburn	ME
Perry	Abigail	Silver Ridge Twp	ME
Perry	Danielle	Freeport	ME
Perry	Kathleen	Bow	NH
Perry	Kayla	Eliot	ME
Perry	Lucas	Keene	NH
Perry	Nathan	Eddington	ME
Perry	Richard	Orrington	ME
Person	Erik	Milton	MA
Personeni	Sarah	South Berwick	ME
Peters	John	Lewiston	ME
Pettegrow	Patrick	Brewer	ME
Pfeffer	Nathan	Freeport	ME
Pham	Danny	Waterville	ME
Phillips	Mataquess	Waterbury	CT
Philpot	Madeline	Laconia	NH
Picard	Anthony	Bar Harbor	ME
Picillo	Molly	Newburyport	MA
Pickup-Diligenti	Athena	Bethesda	MD
Pierce	Ryan	Rockport	ME
Pierce	Samuel	Portland	ME
Pietraszewski	Robert	Sidney	ME
Pike	Megan	Brewer	ME

Pilon	Courtney	West Springfield	MA	
Pina	Christopher	Dover Foxcroft	ME	
Pina	Jason	Old Town	ME	
Pines	Molly	Woodbridge	CT	
Pinet	Katarina	Bangor	ME	
Pinner	Callum	Cambridge		United Kingdom
Pinnette	Nicole	Waterville	ME	
Piper	Kathryn	Manchester	MD	
Pitas	Ryan	Westbrook	ME	
Plourde	Adya	Eliot	ME	
Plourde	Matthew	Gardiner	ME	
Plourde	Megan	Turner	ME	
Plourde	Reanna	Caribou	ME	
Plumlee	Danielle	North Plains	OR	
Plummer	Bryanna	Orono	ME	
Pohlman	Jason	Bangor	ME	
Poissonnier	Ethan	Norridgewock	ME	
Poli	Taylor	Waldoboro	ME	
Poliquin	Chandra	Old Town	ME	
Pollard	Jessica	Old Town	ME	
Pominova	Mariya	Bedford	MA	
Pooler	Daniel	Fairfield	ME	
Portante	Ariana	Brewster	NY	
Porter	Eliza	Cumberland Center	ME	
Porter	Katelyn	Holden	ME	
Poston	Haley	Topsham	ME	
Potter	Gordon	Lebanon	ME	
Potter	Theressa	Hudson	ME	
Potts	Robert	Ballston Spa	NY	
Poulin	Gabrielle	Auburn	ME	
Poulin	James	South China	ME	

Pouliot	Catherine	South Berwick	ME
Pouliot	Grace	South Berwick	ME
Poussard	Cameron	Lewiston	ME
Powell	Christopher	Bucksport	ME
Power	Cooper	New Gloucester	ME
Prates Ferreira de Carvalho	Camila	Washington	DC
Pratt	Jamie	Barrington	NH
Pratt	Zachary	Topsham	ME
Preble	Lucas	Jay	ME
Preble	Rachel	Safety Harbor	FL
Prescott	Katherine	Houlton	ME
Prest	Jacob	West Roxbury	MA
Prewitt	Connor	York	ME
Price	Michaela	Scarborough	ME
Price	Timothy	Kennebunk	ME
Pride	Kathleen	Scarborough	ME
Priest	Mariah	Guilford	ME
Proctor	Elizabeth	Newbury	MA
Proctor	Jasmine	Lisbon Falls	ME
Proulx	Mark	Eddington	ME
Proulx	Rachael	Hermon	ME
Puckett	Justin	Chelsea	ME
Pullano	Christopher	North Haven	CT
Pullen	Michael	Oakland	ME
Purgiel	Andrew	South Berwick	ME
Pyke	Christopher	Sandwich	MA
Querfurth	Katarina	Wellesley	MA
Racine	Stephen	Auburn	MA
Rackley	Kayla	Eliot	ME
Radovic	Rebecca	Lincoln	ME
Raftice	Kayla	Cape Elizabeth	ME

Rahman	Auyon	Dhaka		Bangladesh
Rai	Jaspreet	Cloverdale	BC	Canada
Ramazanova	Alina	Tashkent		Uzbekistan
Ramirez	Briel	Boston	MA	
Rampe	Jeffrey	Orono	ME	
Rancourt	Benjamin	Freeport	ME	
Rand	Colby	Orrington	ME	
Randall	Kye	Barton	VT	
Randall	Sean	Portland	ME	
Ransom	Noah	Windham	ME	
Ranwell	Daisy	Andover	MA	
Raugh	Ian	Laurel	MD	
Raymond	Garrett	Gorham	ME	
Raymond	Kendra	Fort Kent Mills	ME	
Raymond	Kristi	Bangor	ME	
Re	Bridget	Pittsburgh	PA	
Reddington	John	Milton	MA	
Redmon	Morgan	West Bath	ME	
Redmond	Jillian	Skowhegan	ME	
Reeves	Nathan	Orono	ME	
Regis	Jason	Old Orchard Beach	ME	
Reichel	Kent	Hampden	ME	
Reichel	Kristina	Hampden	ME	
Reinhardt	Amelia	Tenants Harbor	ME	
Rennels	Mitchell	Medina	OH	
Reno	Emma	Brunswick	ME	
Reppond	Alexander	Saco	ME	
Rex	Brian	Gorham	ME	
Rhynold	Scott	Glenburn	ME	
Ricciardi	Kimberly	Eagle Lake	ME	
Rice	Lauren	Harpswell	ME	

Richard	Anna	Wareham	MA	Canada
Richards	Audra	Saint Paul	MN	
Richards	Scott	Old Town	ME	
Richardson	Julia	Windham	ME	
Richmond	Paul-Jacob	Randolph	ME	
Ricker	Anne-Marie	Readfield	ME	
Rideout	Faith	Oxford	ME	
Rideout	Jack	Portland	ME	
Rider	Julia	Brunswick	ME	
Ridge	Ethan	Gray	ME	
Ridley	Kendra	Ottawa	ON	
Riendeau	Chelsey	Newcastle	ME	
Riley	Conor	Massena	NY	
Ring	Eliza	Fairfield	ME	
Rinne	Claire	Walpole	MA	
Rioux	Cody	Gorham	ME	
Ripley	Shawn	Greenbush	ME	
Ritter	Tyler	Jay	ME	
Roach	Alec	Danvers	MA	
Roach	Haleigh	Cumberland Center	ME	
Roach	Taylor	Cumberland Center	ME	
Robbins	Amanda	Livermore Falls	ME	
Robbins	Charity	Howland	ME	
Robbins	Lindsey	Trenton	ME	
Robe	James	Waterville	ME	
Roberts	Alexander	Randolph	ME	
Roberts	Andrew	Randolph	ME	
Roberts	Laura	Brandon	VT	
Roberts	Marissa	Gorham	ME	
Roberts	Matthew	Alfred	ME	
Roberts	Nicholas	Arundel	ME	

Roberts	Stephen	Hermon	ME
Robertson	River	Bucksport	ME
Robinson	Ashley	Bangor	ME
Robinson	Dylan	Brunswick	ME
Robinson	Garrett	Eliot	ME
Robinson	Jason	Old Town	ME
Robinson	Kaitlyn	Frankfort	ME
Robinson	Kaleb	Thomaston	ME
Robitaille	Melanie	Jay	ME
Rocha	Timothy	Kensington	NH
Rockwood	Nathan	Ellsworth	ME
Roderick	Alexandra	Brunswick	ME
Roderick	Christopher	Orono	ME
Roderka	Meredith	Dexter	ME
Rodionov	Alexander	Bangor	ME
Rodrigue	Taylor	Manchester	CT
Rodriguez	Sethany	Old Town	ME
Rogers	Andrew	Colchester	VT
Rogers	Linnea	Lamoine	ME
Rogers	Zachary	Hermon	ME
Roldan	Fernando	Hartford	CT
Rolfe	Taylor	Fairfield	ME
Romanoski	Reilly	Strong	ME
Romeo	Sean	Cary	NC
Romero	Daniel	Winchendon	MA
Rondeau	David	West Springfield	MA
Roney	Ethan	Freeport	ME
Rooney	Porter	Wells	ME
Roscoe	Nathan	Falmouth	ME
Rose	Amanda	Milford	ME
Ross	Christina	Cape Elizabeth	ME

Ross	Lydia-Rose	Holden	ME
Ross	Margaret	Hampden	ME
Ross	Marlena	Glen Ridge	NJ
Rossignol	Parise	Van Buren	ME
Rossin	Ashley	Overland Park	KS
Rossow	Avery	Greenwood	ME
Rounds	Megan	Arundel	ME
Rowe	Jamie	Scarborough	ME
Rowley	Christopher	Porter	ME
Roy	Dayna	North Andover	MA
Roy	Jaime	Orrington	ME
Roy	Kaitlyn	Lewiston	ME
Roy	Patrick	Elkridge	MD
Roy	Taylor	Holden	ME
Ruel	Nathan	Kennebunk	ME
Ruess	Maj	Nevada City	CA
Ruffin	Madeline	Bradford	ME
Ruhlin	Olivia	Cornish	ME
Rumsey	Mathew	Portland	ME
Ruopp	Paul	Monmouth	ME
Russell	Sadie	Pownal	ME
Russell	Stephanie	Bangor	ME
Ruthven	Olivia	Smithfield	RI
Ryan	Andrya	Bangor	ME
Ryan	Carolyn	Melrose	MA
Ryan	Maria	Sudbury	MA
Ryan	Sophia	Tyngsboro	MA
Rybczyk	Jack Henry	Greenfield	MA
Rybka	Krystyna	North Yarmouth	ME
Salzberg	Benjamin	Milford	ME
Samson	Amy	Waterville	ME

Samsonova	Evgeniia	Naberezhnye Chelny	Russia
Sanborn	Kaila	Amesbury	MA
Sanborn	Madeline	North Waterboro	ME
Sanborn	Shannon	Standish	ME
Santomango	Sierra	Greene	ME
Santos	Samantha	Canaan	ME
Sardina	Jessica	Old Town	ME
Sargent	Ashlee	Holden	ME
Saucier	Haley	Milford	ME
Saucier	Samantha	Saco	ME
Sauer	Madison	Norwich	CT
Saulter	Kaitlin	Hermon	ME
Saunders	Thomas	Swanville	ME
Savage	Sierra	Winslow	ME
Savoy	Joshua	Liberty	ME
Sawyer	Madison	Orland	ME
Scarlett	Shannon	Bangor	ME
Schaff	Benjamin	Oakland	ME
Scherer	Kyle	Jefferson	ME
Schmidt	Casey	Troy	MI
Schnee	Julia	Rome	ME
Schneider	Julia	Durham	ME
Schnorr	Ming Feng	Dixfield	ME
Schrader	Derrek	Bridgton	ME
Schrader	Mark	Denmark	ME
Schrecengost	Alyx	Hackettstown	NJ
Schulberg	Bethany	Thomaston	ME
Schuman	Rebecca	Topsham	ME
Schweitzer	Cory	Raymond	ME
Scofield	Connor	Glenburn	ME
Scott	Gabriella	Peru	ME

Scott	Grace	Abingdon	VA
Scott	Jessica	Winthrop	ME
Scott	Ryan	Belgrade	ME
Scott	Sidney	Hampton	NH
Scoville	Jordan	Barre	VT
Scully	Allison	Waterville	ME
Scully	Bennett	Edgecomb	ME
Sczurko	Joseph	Windham	ME
Sears	Stephanie	Bristol	CT
SeeHusen	Kaitlyn	Gorham	ME
Seekins	Brittany	Pittsfield	ME
Seekins	John	Belfast	ME
Seeley	Kassidy	Jonesboro	ME
Segee	Samuel	Old Town	ME
Seigars	Camerin	Gardiner	ME
Sender	August	Waldo	ME
Seneres	Kent	Saco	ME
Senese	Donald	Mahopac	NY
Seney	Sydney	Egg Harbor City	NJ
Sennick	Abigail	New Sharon	ME
Serbent	Todd	Waterville	ME
Sereyko	Kasha	Lowell	ME
Severson	Kristi	Waldoboro	ME
Sevey	Nicole	Skowhegan	ME
Sewell	Erica	Eliot	ME
Seymour	Carly	Orrington	ME
Shain	Kierra	Ellington	CT
Shamlian	Lilly	Stoneham	MA
Shaughnessy	Abigale	Enfield	CT
Shaw	Benjamin	Falmouth	ME
Shaw	Connor	Presque Isle	ME

Shaw	Faith	Lewiston	ME
Shaw	Leigh	Pittston	ME
Shaw	Marissa	Plymouth	ME
Shaw	Morgan	Turner	ME
Shea	Austyn	Concord	NH
Shea	Ian	Brownfield	ME
Shea	Michael	Biddeford	ME
Sheehan	Bailey	Yarmouth	ME
Shepherd	Bradley	Farmingdale	ME
Shepherd	Samuel	Hallowell	ME
Sherman	Hannah	Hodgdon	ME
Shkara	Ahmed	Portland	ME
Shorette	Daniel	Upton	MA
Shortt	Cullen	Bangor	ME
Shortt	Terry	Bangor	ME
Shuman	Megan	Bangor	ME
Shusda	Jocelyn	Swanton	VT
Silke	Angela	Dixmont	ME
Sillsby	Alexandria	Kittery Point	ME
Silver	Ilana	Bangor	ME
Silver	Nicholas	Wade	ME
Silverbrand	Samantha	Buzzards Bay	MA
Silverman	Elijah	Saco	ME
Silvernail	Sara	Dalton	MA
Simpson	Taylor	Bangor	ME
Sirois	Benjamin	Scarborough	ME
Sirois	Emilee	Caribou	ME
Sirois	Jonathan	Hermon	ME
Sirois	Rachel	Winslow	ME
Sizeler-Fletcher	Asher	Montville	ME
Skillern	Ryan	Naples	ME

Skovran	Sarah	Camden	ME
Skvorak	Nathan	Windham	ME
Sky	Lindsay	Cherry Hill	NJ
Slagle	Cloie	Blue Hill	ME
Slavin	Daniel	Scarborough	ME
Small	Amanda	Swanville	ME
Small	Katherine	Bangor	ME
Small	Stanley	Hampden	ME
Smart	Connor	Lincoln	ME
Smart	Nathaniel	Portland	ME
Smiddy	Winston	Wiscasset	ME
Smith	Benjamin	Old Town	ME
Smith	Benjamin	South Portland	ME
Smith	Brendan	Hudson	NH
Smith	Brianna	Readfield	ME
Smith	Christopher	Lincolntonville	ME
Smith	Corbett	Lyman	ME
Smith	Dylan	Bangor	ME
Smith	Forrest	Biddeford	ME
Smith	Gabriel	Winslow	ME
Smith	Gabrielle	Mechanic Falls	ME
Smith	Grayson	Brunswick	ME
Smith	Megan	Bucksport	ME
Smith	Megan	Cumberland Foreside	ME
Smith	Melissa	Orrington	ME
Smith	Reagan	Holden	ME
Smyth	Alexandra	Chepachet	RI
Snedeker	Brianna	Richmond	ME
So	Darro	Portland	ME
Soden	Megan	Sangerville	ME
Soohey	Robert	Whitefield	ME

Soohey	Stephen	Whitefield	ME
Soucy	Ashley	Dunbarton	NH
Southard	Matthew	Gorham	ME
Southworth	Kailey	Pawtucket	RI
Souza Cunha	Ana Eliza	Orono	ME
Spang	Forrest	Hampden	ME
Spaulding	Jacob	Brewer	ME
Spear	Preston	Rockland	ME
Speed	Brianna	Corinth	ME
Speed	Heather	Corinth	ME
Spencer	David	Chevy Chase	MD
Spencer	Kristen	Scarborough	ME
Spezia	Anne	Eliot	ME
Spitzfaden	Anna	Roschbach	Germany
Sprague	India	Falmouth	ME
Sprangers	Nathan	Orono	ME
St Denis	Michael	Orono	ME
St Gelais	Sarah	Berlin	NH
St Jarre	Matthew	Randolph	ME
St Jean	Jocelyn	Stillwater	ME
St Peter	Christopher	Glenburn	ME
St Pierre	Aaron	Winthrop	ME
St Pierre	Bailey	Caswell	ME
St Pierre	Emily	Caswell	ME
St-Pierre	Danielle	Clifton Park	NY
Stacey	Travis	Sidney	ME
Stanley	Jennifer	Sidney	ME
Stanton	Paden	Woolwich	ME
Stanton	Rebecca	Plymouth	MA
Stasz	Lauren	Fall River	MA
Stauble	Emily	Amherst	NH

Stearns	Andrew	Skowhegan	ME	
Steele	Cassandra	Windham	ME	
Stephens	Kendra	Woodland	ME	
Stephens	Zachary	Biddeford	ME	
Stevens	Cody	Oakland	ME	
Stevens	Jessica	Orrington	ME	
Stevens	Kayla	West Springfield	MA	
Stevenson	Doretta	Bangor	ME	
Stevenson	Jacob	Waldoboro	ME	
Stevenson	Kasidy	Greene	ME	
Steward	Andrea	Old Town	ME	
Steward	Austin	Colebrook	NH	
Stewart	James	North Berwick	ME	
Stewart	Laura	Formby		United Kingdom
Stewart	Matthew	Hooksett	NH	
Stewart	Meredith	Presque Isle	ME	
Stewart	Nicolas	Unity	ME	
Stiles	Davina	Bucksport	ME	
Stillman	Dylan	Bar Harbor	ME	
Stimpson	Tyler	Fairfield	CT	
Stinchfield	Zachary	Lowell	MA	
Stinson	Katrina	Bangor	ME	
Stinson	McKinley	Brunswick	ME	
Stockford	Griffin	Bowdoinham	ME	
Stohlberg	Anthony	Center Barnstead	NH	
Stojiljkovic	Ilija	Nis		Republic of Serbia
Stokes	Liam	Augusta	ME	
Stone	Jessica	Gilmanton Iron Works	NH	
Storgaard	Sarah	Veazie	ME	
Streeter	Ryan	East Fairfield	VT	
Streitfeld	Barclay	Pipersville	PA	

Strohm	James	Scarborough	ME
Struba	Anna	Belfast	ME
Stuart	Shannon	Standish	ME
Studwell	Evan	Brunswick	ME
Sturdevant	Taylor	Eliot	ME
Sturgis	Meagan	Windsor	ME
Sturrock	Erica	Brewer	ME
Stutzman	Jacob	Harmony	ME
Sudbeck	Dakota	Hampden	ME
Sullivan	Fawn	Hermon	ME
Sullivan	John	Scarborough	ME
Sullivan	Matthew	North Andover	MA
Sult	Charles	Lisbon Falls	ME
Sungsuwan	Ahlin	Fairfield	ME
Sutton	Chelsea	Forestdale	MA
Swan	Isabella	Kaysville	UT
Swavely	Steven	Reading	PA
Swimm	Olivia	Fayette	ME
Sylvester	Shaun	Bangor	ME
Ta	Henry	Saco	ME
Tabachnick	Elijah	Portland	ME
Taff	Nathan	Orono	ME
Talavera Ulla	Laura	Toledo	Spain
Talbot	Derek	Sanford	ME
Tandy	Marisa	Brewer	ME
Tanous	Derrick	East Millinocket	ME
Tapley	Chase	Lewiston	ME
Taplin	Eliza	North Yarmouth	ME
Taplin	Matthew	Gray	ME
Tarquinio	Michael	Nesconset	NY
Taylor	Alec	South Berwick	ME

Taylor	Alyssa	Saint Albans	ME
Taylor	Brian	Falmouth	ME
Taylor	Lindsay	Rockport	ME
Taylor	Lucas	South Berwick	ME
Taylor	Samantha	Brewer	ME
Taylor	Zachary	Portland	ME
Tefft	Mackenzie	Surry	ME
Tero	Benjamin	Portland	ME
Terry	Jacob	Scarborough	ME
Terry	Samuel	Scarborough	ME
Terwilliger	David	Cape Elizabeth	ME
Theriault	Benjamin	Salisbury	MA
Theriault	Joshua	Hermon	ME
Theriault	Kathryn	Hampstead	NH
Theriault	Monique	Howland	ME
Theriault	Zachary	Cumberland Center	ME
Thibault	Ethan	Colchester	VT
Thibault	Jaymi	Lewiston	ME
Thibeault	Mckenzie	Manchester	NH
Thibodeau	Julie	Brooks	ME
Thibodeau	Kathleen	Westbrook	ME
Thibodeau	Kristen	Hampden	ME
Thibodeau	Nicholas	Old Town	ME
Thoman	Todd	Spring Grove	PA
Thomas	Brent	Dover Foxcroft	ME
Thomas	Cecilia	Northeast Harbor	ME
Thomas	Derek	Houlton	ME
Thomas	Holly	Kingfield	ME
Thomas	Timothy	Bangor	ME
Thomes	Crystal	Milford	ME
Thompson	Ryley	South China	ME

Thomson	Tamara	Waite	ME
Thorne	Haley	Steep Falls	ME
Throckmorton-Hansford	Phoenix	Somerville	ME
Thurlow	Wade	Howland	ME
Tidd	Morgan	Eddington	ME
Tiemann	Rosa	Ellsworth	ME
Tierney	Kylie	Brunswick	ME
Tinker	Kalee	Center Harbor	NH
Tinsman	Ashley	Cape Elizabeth	ME
Todd	Matthew	Shrewsbury	MA
Toothaker	Alec	Ellsworth	ME
Toothaker	Dillon	Orono	ME
Toothaker	Zandalee	Orono	ME
Topel	Avery	Windham	ME
Topor	Zachary	Ellington	CT
Toppin	Haley	Columbia Falls	ME
Torok	Jacob	Monroe	CT
Torrey	Brandon	Columbia	ME
Torrey	Meredith	Blue Hill	ME
Toth	Emma	Sandown	NH
Towle	Brittany	Glenburn	ME
Townsend	Kaitlyn	Livermore	ME
Travers	Amanda	Newport	ME
Travis	Emily	Orrington	ME
Traxler	Spencer	Newburyport	MA
Treadwell	Sarah	Carmel	ME
Tremont	Jordan	Lunenburg	MA
Triandafillou	Laura	Orono	ME
Triebwasser	Ginger	West Haven	CT
Trottier	Santana	Arundel	ME
Truman	Amara	Portland	OR

Trussell	Zoie	Old Town	ME	
Tuano	Ryan	South Berwick	ME	
Tucker	William	Kittery Point	ME	
Tufts	Catherine	Church Point	NS	Canada
Tufts	Trevor	Litchfield	ME	
Turner	April	Freedom	ME	
Turner	Dylan	Gorham	ME	
Turner	Emily	Charleston	ME	
Turner	Holden	Easton	ME	
Turner	Hunter	Easton	ME	
Turner	Katherine	Freeport	ME	
Turner	Nicholas	Brewer	ME	
Turner	Rebecca	Bedford	NH	
Tuths	Philip	Medfield	MA	
Tutuny	Elaine	North Falmouth	MA	
Twist	Jill	Belgrade	ME	
Tyrrell	Taylor	Sabattus	ME	
Umberhind	Lauren	Richmond	ME	
Uteuova	Aliya	Astana		Kazakhstan
Uwaechia	Bryan	Auburn	ME	
Vachon	Isabelle	Ellsworth	ME	
Vadeboncoeur	Meghan	New Gloucester	ME	
Valliere	Gerard	Chicopee	MA	
Van Goffrier	Graham	Norwell	MA	
Van Gorden	Rachel	Stillwater	NJ	
Vandez	Steven	Old Town	ME	
Varanelli	Joseph	Harwinton	CT	
Vaudreuil	Haley	Orono	ME	
Vear	Aysha	Winslow	ME	
Vega	Aleksandar	Newburgh	ME	

Veljacic	Sydney	Orono	ME
Venema	Taylor	Everett	WA
Ventura	Katrina	Falmouth	ME
Verrill	Timothy	Carmel	ME
Verzoni	Anthony	Scarborough	ME
Vhay	Megan	Medway	MA
Viana da Silva	Thiago	New York	NY
Vibert	Olivia	Unionville	CT
Vicnaire	Abigail	Dedham	ME
Viekman	Joshua	Dixmont	ME
Vincze	Sarah	Vernon Rockville	CT
Violette	Leanne	Bangor	ME
Vise	Zachary	Boothbay Harbor	ME
Viselli	Anthony	Bangor	ME
Vishe	Juvelta	Orono	ME
Vo	Duy	Manchester	ME
Voisine	Kara	Corinth	ME
Waddell	Evan	Presque Isle	ME
Wade	Jessica	Hermon	ME
Waible	Stephen	Nashua	NH
Waite	Jasmine	Southport	ME
Wakeland	Linley	Dedham	ME
Walden	Benjamin	Reading	MA
Walden	Judson	Greenville	ME
Walker	Dean	Caribou	ME
Wallace	Ivy	Lamoine	ME
Wallace	Rowan	Sebago	ME
Wallace	Sophie	Auburn	ME
Wallace	Tamra	Thomaston	ME
Walls	Samuel	Hampden	ME

Walsh	Allan	Oakland	ME	China
Walsh	Brianna	Kennebunkport	ME	
Walsh	Gwendolyn	Readfield	ME	
Walsh	Mamie	Portland	ME	
Walsh	Tucker	Danbury	CT	
Walters	Heather	Bangor	ME	
Wan	Teng	Ningho		
Wanner	Ian	Bar Harbor	ME	
Ward	Austin	Lovell	ME	
Ward	Emily	Tolland	CT	
Ward	Kiana	Biddeford	ME	
Wardwell	Alyssa	Limerick	ME	
Warmuth	Gregory	Brewer	ME	
Warner	David	Carlisle	MA	
Warner-Evans	Hilary	West Bath	ME	
Waterman	Benjamin	Yarmouth	ME	
Waterman	Madison	Eliot	ME	
Waterman	Timothy	Biddeford	ME	
Waters	Hannah	Berwick	ME	
Watson	Cody	Beaver Cove	ME	
Watson	Kasey	Old Town	ME	
Watson	Robert	Fort Fairfield	ME	
Watson	Valerie	Randolph	MA	
Watts	Matthew	Lincolntonville	ME	
Weaver	Devin	Hinesburg	VT	
Weaver	Nicole	Warren	ME	
Webb	Ellie	Hampden	ME	
Webber	Alexandra	Yarmouth	ME	
Webber	Anna	Bangor	ME	
Weed	Megan	Deer Isle	ME	

Wegner	Jay	Davidsonville	MD
Weigang	Abigail	Shawmut	ME
Weigel	Sarah	Falmouth	ME
Weiss	Elizabeth	Winslow	ME
Weitz	Hayli	Long Beach	NY
Welborn	Hannah	Wiscasset	ME
Welch	Dayle	Westford	MA
Welcome	Phoebe	North Easton	MA
Wells	Peter	Old Town	ME
Wells	Ryan	Orono	ME
Wells	Timothy	Bremen	ME
Wentworth	Eugene	Nobleboro	ME
Werzanski	Samantha	Phillips	ME
Wessels	Abigail	Morrill	ME
West	William	Milbridge	ME
Westbrook	Molly	Ithaca	NY
White	Brittany	South China	ME
White	Hadley	Nashua	NH
White	Lawryn	Fairfield	ME
White	Lindsey	Exeter	NH
White	Sarah	Old Town	ME
White	Zachary	York	ME
Whitley	Bryant	Gardiner	ME
Wiater	Eric	Upper Holland	PA
Wight	Katherine	South China	ME
Wight	Kelly	Bucksport	ME
Wilcox	Kelsey	Naples	ME
Wilder	Brianna	Rock Falls	IL
Wilder	Kevin	Derry	NH
Wilkinson	Collin	Hingham	MA

Wilkinson	Emma	Windsor	ME
Williams	Delaney	Caribou	ME
Williams	Jacob	Stockton	CA
Williams	Jacob	Presque Isle	ME
Williams	Jerel	Hampden	ME
Williams	Lauren	Hampton	NH
Williams	Sonja	Old Town	ME
Willis	Justin	Castine	ME
Wilson	Annabelle	Westbrook	ME
Wilson	Genevieve	Guilford	CT
Wilson	Joshua	Hermon	ME
Wilson	Kelly	Westbrook	ME
Wilson	Kelsey	Peru	ME
Wing	Oleg	Litchfield	ME
Winslow	Caleb	East Parsonsfield	ME
Winslow	James	Pittsford	VT
Winslow	Monica	Hockessin	DE
Wirth	Alexandra	Portland	ME
Withee	Courtney	Palmyra	ME
Wojtkowski Barbeau	Leila	Nottingham	NH
Wolland	Dani	Perham	ME
Wong	Lisa	Gorham	ME
Wood	Elizabeth	Catlett	VA
Wood	Jacob	Lancaster	NH
Wood	Jessica	Hermon	ME
Wood	Jessica	Kingston	NH
Wood	Matthew	North Berwick	ME
Woodford	Delaney	Minot	ME
Woods	Michael	Portland	ME
Woodward	Brianna	South Portland	ME

Woodward	Hannah	Corea	ME
Word	Leah	Monson	ME
Worster	Rachel	Brownville	ME
Wright	Anna	North Berwick	ME
Wright	Emily	Mapleton	ME
Yarumian	Mary	Bar Harbor	ME
Yates	Whitney	Standish	ME
Yori	William	Brooks	ME
York	Wilder	Presque Isle	ME
Yost	Thilee	Damariscotta	ME
Young	Alexandra	Vinalhaven	ME
Young	Benjamin	Thomaston	ME
Yu	Anne	North Brunswick	NJ
Zakian	Maxim	Biddeford	ME
Zamot	Cameron	Bedford	MA
Zepeda	Adolfo	Dover Foxcroft	ME
Zepeda	Sebastian	Dover Foxcroft	ME
Zink	Marissa	Minot	ME
Zwirner	Christian	Windham	ME

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Androscroggin County

Auburn: Linnea Barnard, Abby Bellefleur, Taylor Brackett, Derek Caron, Ryan Chamberland, Phoebe Chamberlin, Marlee Collins, Joshua DeLong, Samuel Green, Emily Hamel, Mikael Heikkinen, Nathaniel Hernandez, Taylor Landry, Travis Landry, Jordan Lau, Briana Lynch, Jaclyn Masters, Kaelina Perron, Gabrielle Poulin, Bryan Uwaechia, Sophie Wallace **Durham:** Daniel Jacques, Jamie Jeppson, Rebecca Lane, William McEnery, Julia Schneider **East Poland:** Lauren Emery **Greene:** Reilly Burgess, Brandon Clark, Sarah Gosselin, Callie Greco, Nicole Hofacker, Sierra Santomango, Kasidy Stevenson **Leeds:** Sarah Frost **Lewiston:** Gabrielle Barboza, Haley Bisson, Aaron Bissonnette, Perry Chan, Jessica Cote, Olivia Dam, James Dumas,

Molly Finn, Daniel Fortier, Leo Gaghan, Katie Hummes, Haley LaGrange, Paige LeBlond, Emma Nichols, Brianna Payne, John Peters, Cameron Poussard, Kaitlyn Roy, Faith Shaw, Chase Tapley, Jaymi Thibault **Lisbon:** Aaron French **Lisbon Falls:** Julia Bowen, Ian Clavette, Dillon Clifford, Justin Grant, Jasmine Proctor, Charles Sult **Livermore:** Ben Greenwood, Luke Greenwood, Kaitlyn Townsend **Livermore Falls:** Natalie Goding, Amanda Robbins **Mechanic Falls:** Gabrielle Smith Minot: Evan LaPointe, Shawn Mitchell, Hannah Paradis, Delaney Woodford, Marissa Zink **Poland:** William Foster, Tucker Jones, Hope Kohtala Sabattus: Kayla Gayton, Julie Morneault, Taylor Tyrrell **Turner:** James Barker, Justin Bean, Nicholas Caron, Brianna DeGone, Ian Durgin, Zachary Goulette, Carter Hathaway, David Hersom, Hannah LaClaire, Jacob Olson, Taylor Ouellette, Megan Plourde, Morgan Shaw

Aroostook County

Ashland: Kali Pelletier **Caribou:** Devin Ballard, Kayla Cormier, Timothy Dassow, Adam Flynn, Haley Hunter, Charm Karunasiri, Chaya Karunasiri, Katherine Keaton, Ginger Kieffer, Gavin Levesque, Samantha Murchison, Reanna Plourde, Emilee Sirois, Dean Walker, Delaney Williams **Caswell:** Bailey St Pierre, Emily St Pierre **Chapman:** Clarissa Buck **Cyr Plantation:** Chantal Deveau **Eagle Lake:** Kimberly Ricciardi **Easton:** Madison Leach, Holden Turner, Hunter Turner **Fort Fairfield:** Robert Watson **Fort Kent:** Lauren Doak, Nicholas Levesque, Antonio Naranja, Roxanne Pelletier **Fort Kent Mills:** Kendra Raymond **Frenchville:** Nichole Oakes **Hamlin:** Isabel Parent, John Parent **Hodgdon:** Rachel Harmon, Hannah Sherman **Houlton:** Sarah Abbotoni, Cordell Beaton, Logan Boyd, Sarah Clark, Dakota Gramour, Nicholas Lunn, Katherine Prescott, Derek Thomas **Linneus:** Devon Logie **Madawaska:** Heather Boucher, Kevin Boucher, Ryan Boucher, Alexis Cote, Emily Hebert, Darin Jandreau **Mapleton:** Ryan Lavway, Igor Nikachin, Emily Wright **New Limerick:** Taylor Carpenter **Perham:** Dani Wolland **Presque Isle:** Austin Albert, Hillary Albert, Taylor Durepo, Emma Everett, Miranda Flannery, Elena Ford, Brandon Gibson, Brittany Good, Logan Good, Joshua Gordon, Kyle Goupille, Angela Hallowell, Brandon Howlett, Jenice Jarvis, Kenedy Jarvis, Jacqueline Lambert, Katelyn McPherson, Andrew Michaud, Andrew Paterson, Connor Shaw, Meredith Stewart, Evan Waddell, Jacob Williams, Wilder York **Saint Agatha:** Chantel LaPointe **Saint David:** Jacob Gendreau **Silver Ridge Township:** Abigail Perry **Stockholm:** Sarah Doak **Van Buren:** Natasha Bourgoin, Nicholas LaJoie, Eric Laplante, Parise Rossignol **Wade:** Nicholas Silver **Washburn:** Nolan Gagnon, Brooke Lovely **Woodland:** Marigan Doody, Kendra Stephens

Cumberland County

Bridgton: Derrek Schrader **Brunswick:** Sarah Basquez, Blake Bodwell, Erin Butts, Matthew Day, Shannah Duffy, Joseph Durkin, Erin Eldridge, Rosaleen Erwin, Sara Freshley, Justin Libby, Elliot Malis, Taylor Messerman, Samantha Moore, Riley O'Donnell, Emma Reno, Julia Rider, Dylan Robinson, Alexandra Roderick, Grayson Smith, McKinley Stinson, Evan Studwell, Kylie Tierney **Cape Elizabeth:** William Alexander, Jessica Allen, Anthony Castro, Dylan Egeland, Thomas Gleeson, Charles Jones, Connor Logan, Rachel Matusko, Shannon Nicholson, Matthew Oberholtzer, Kayla Raftice, Christina Ross, David Terwilliger, Ashley Tinsman **Casco:** Leona Kluge-Edwards **Cumberland:** Kaitlyn Lavallee, James Manahan **Cumberland Center:** Oliver Adams, Matthew Blanchard, Paul Caruso, Cassandra Demick, Colin Grove, Robert Moore, Eliza Porter, Haleigh Roach, Taylor Roach, Zachary Theriault **Cumberland Foreside:** Jeanna Lowery, John Pacent, Megan Smith **Falmouth:** Jack Britton, Alex Derhagopian, Marley Dewey, Lauren Eldridge, Samuel Favreau, Sarah Grondin, Ryan Hammontree, Sarah Hogan, Matthew Klemperer, Shannon Meserve, Samuel Mildrum, Nathan Roscoe, Benjamin Shaw, India Sprague, Brian Taylor, Katrina Ventura, Sarah Weigel **Freeport:** Seth Breton, Matthew Cartmell, Brady Davis, Jessica Hench, Zachery Hindley, Kayley Johnson, Peter LaMagna, Samuel Leavitt, Lorin Martens, Ryan Moyer, Danielle Perry, Nathan Pfeffer, Benjamin Rancourt, Ethan Roney, Katherine Turner **Gorham:** Ian Barber, Alexander Barris, Jessalyn Bergeron, Kayla Billings, Abegayle Brown, Adam Bucknell, Joseph DeRoy, Johna Doyle, William Eldridge, Maxwell Johnson, Narissa Kourinos, Sean Luce, Jeffrey McNally II, Jesse Orach, Garrett Raymond, Brian Rex, Cody Rioux, Marissa Roberts, Kaitlyn SeeHusen, Matthew Southard, Dylan Turner, Lisa Wong **Gray:** Alan Bennett, Adam Dumas, Patrick Dumas, Michael Geissler, Adam Hall, Tyler Hicks, Dana Kenniston, Allyson Kirby, Ethan Ridge, Matthew Taplin **Harpwell:** Grant Carrier, Lauren Rice **Naples:** Kathryn Caulfield, Taylor Cronin, Savannah DeVoe, Michelle Hale, Maude Meeker, Ryan Skillern, Kelsey Wilcox **New Gloucester:** Jaime Boulos, Claire Chamberlain, Michael Flanders, Michael Lyons, Molly Masters, Cooper Power, Meghan Vadeboncoeur **North Yarmouth:** Chelsey Andrews, Christopher Byron, Mimi Edmondson, Molly Fitzpatrick, Shannon Fitzpatrick, Camilla Horton, Nicholas Maynard, Krystyna Rybka, Eliza Taplin **Peaks Island:** Finn Bradenday, Hugh Carroll **Portland:** Eleni Anderson, Holly Bauer, Courtney Brett, Sara Brink, Marcus Caliendo, Benjamin Chapman, Brandyn Chretien, Victoria Degenhardt, Jonathan Gatti, Caroline Green, Victoria Guiliani, Dominic Guimond, John Hardy, Gene Herrschaft, Jamie Hunt, Scott Jensen, Grace Kiffney, Zachary Lane, Delaney Loring, Leala Machesney, Nicole Maines, Nathan Mathis, Tina Merrill, Michaela Morris, Samuel Pierce, Sean Randall, Jack Rideout, Mathew Rumsey, Ahmed Shkara, Nathaniel Smart, Darro So, Elijah Tabachnick, Zachary Taylor, Benjamin Tero, Mamie Walsh, Alexandra Wirth, Michael

Woods Pownal: Helen Humphrey, Sadie Russell **Raymond:** Lucy Algeo, Emily Gagne, Alexandra Lewis, Leah Orsini, Cory Schweitzer **Scarborough:** Madison Allie, Jacob Bloom, Adam Brown, Danielle Cooledge, Courtney Daly, LaRae Discatio, Samantha Donahue-Ramsey, Daniel Frank, Christopher Gilbert, Jacob Gross, Christian Harvie, Sarah Hoops, Colin Hulst, Lucy Iselborn, Andrew Jones, Meghan Kimball, Katherine Kirk, Joseph Lancaster, Cameron Langlois, Olivia Lappin, Benjamin Lindsay, Sarah Marshall, Abigail Mills, Trevor Morin, Madeline Palmer, Michaela Price, Kathleen Pride, Jamie Rowe, Benjamin Sirois, Daniel Slavin, Kristen Spencer, James Strohm, John Sullivan, Jacob Terry, Samuel Terry, Anthony Verzoni **Sebago:** Kathryn Cutting, Heather Hall, Rowan Wallace **South Portland:** Eduardo Anzures Uroza, Chelsea Chiamulera, Katie Dooling, William Edgar, Caleb Elsemore, Colton Gervais, Elizabeth Grant, Taaniel Kiidli, Lauren Magnuson, Jamie McDonald, Jackman Mickiewicz, Sydney Onos, Benjamin Smith, Brianna Woodward **Standish:** Emma Brooks, Mitchell Burgess, Kaitlin Clark, Melody Copley, Nicole Hurley, Shannon Sanborn, Shannon Stuart, Whitney Yates **Steep Falls:** Andrew Martel, Haley Thorne **West Baldwin:** Gabriella Joy **Westbrook:** Austin Blake, Kevin Bois, Bryan Crouse, Evan DiPietrantonio, Eliot Gagne, Andrew Lamson, Emily Marean, Ryan Pitas, Kathleen Thibodeau, Annabelle Wilson, Kelly Wilson **Windham:** Samuel Blauvelt, Meaghan Byrnes, Wesley Cowperthwaite, Ian Donnelly, Nate Dubuc, Megan Fortier, Jillian Gamache, Nicolas Gleason-Boure, Cameron Goodwin, Chloe Gray, Jordan Hall, Brian Kelley, Noah Ransom, Julia Richardson, Joseph Sczurko, Nathan Skvorak, Cassandra Steele, Avery Topel, Christian Zwirner **Yarmouth:** Campbell Belisle Haley, Sean Cahill, Olivia Conrad, Sara Costello, Suzanne Driscoll, Claire Fouchereaux, Julia Harrison, Conner Lajoie, Samuel Landry, Abigail MacDonald, Grayson O'Connor, Sarah Oberink, Bailey Sheehan, Benjamin Waterman, Alexandra Webber

Franklin County

Farmington: Ryan Flanagan, Rachel Karno, Daniel Lesko, Adam Paul **Industry:** Sarah Dean **Jay:** Lindsay Brennick, Kayla Meserve, Lucas Preble, Tyler Ritter, Melanie Robitaille **Kingfield:** Emma Houston, Alex Lopez, Christopher Murphy, Holly Thomas **New Sharon:** Shireen Luick, Abigail Sennick **Phillips:** Joshua Beedy, Samantha Werzanski **Stratton:** Christian Beauregard **Strong:** Ivy Mitman, Reilly Romanoski **Temple:** Laura Dunham **Wilton:** Ruth Leopold

Hancock County

Aurora: Jacob Neal **Bar Harbor:** Isabel Bohrer, Alexa Bonsey, Abbie Burton, Ryan Cox, Aaron Krevans, Michaela Murray, Anthony Picard, Dylan Stillman, Ian Wanner, Mary Yarumian **Bass Harbor:** Kathleen Murphy **Blue Hill:** Mindy Carter, Gabrielle Farley, Landere Naisbitt, Lara Naisbitt, Cloie Slagle, Meredith Torrey **Bucksport:** Chloe Carmichael, Pianpian Chen, Austin Coleman, Jade Darragh, Katelynn Hanson, Kelsey Houston, Tyler Maguire, Christopher Powell, River Robertson, Megan Smith, Davina Stiles, Kelly Wight **Castine:** Anthony Codega, Emily Comtois, Meredith Olivari, Justin Willis **Corea:** Hannah Woodward **Dedham:** Tessa Byard, Sarah Dickens, Benjamin Hafford, Meghan Hatt, James Martin, Brooke McLaughlin, Brittney Nickerson, Abigail Vicnaire, Linley Wakeland **Deer Isle:** Chelsea Brown, Kelsey Davis, Nathan Davis, Megan Weed **Ellsworth:** Christopher Derr, James Doty, Miranda Grant, Yagmur Gunel, Kathleen Hill, Anna Jordan, Jacob Jordan, Kyle Lima, Sara Lyons, Justice Maddocks-Wilbur, Amanda Matthews, Cecelia McEachern, Erin Nason, Michael Newman, Mallory Nightingale, Ashley Oleson, Nathan Rockwood, Rosa Tiemann, Alec Toothaker, Isabelle Vachon **Franklin:** Heather Havey **Gouldsboro:** Whytne Crabtree, Heather Holt, Elise Nosel **Islesford:** Samantha Krasnow **Lamoine:** Walter Grenier, Linnea Rogers, Ivy Wallace **Mount Desert:** Samuel Johnson, Jane Pappas **Northeast Harbor:** Mea Clark, Adam Gray, Cecilia Thomas **Orland:** Madison Sawyer **Penobscot:** Robert Morefield **Southwest Harbor:** Brandie Dziegiel, Michael Maclean, Ralph Magnani **Sullivan:** Jennie Daley **Surry:** Hannah Burnett, Karyn Carlin, Stephen Thomas Krichels, Mackenzie Tefft **Trenton:** Keegan McKim, Brigitte Parady, Lindsey Robbins **Verona Island:** Kayla Gray, Colleen Lucy **Waltham:** Nicholas Jordan

Kennebec County

Augusta: David Audet, Maria Beaulieu, James Boyman, Arianna Castonguay, Dallas Clark, Luke Dang, Ryan Edwards, Jacob Harriman, Todd Hawkins, Josie Heath, Courtney King, Erica Laplante, Victoria Lovejoy, Liam Stokes **Belgrade:** Lucia Guarnieri, Josiah Paradis, Ryan Scott, Jill Twist **Benton:** Paige Castonguay, Thad Chamberlain **Chelsea:** Christopher Daggett, Justin Puckett **Clinton:** Jaimie Belanger, Aaron Brown, Tiffany Clifford, Sarah Heald **Fairfield:** David Austin, Paige Belanger, Nicole Bowen, Josie Champagne, Hannah Chavis, Zachary Hale, Trevor Hamblet, Paige Hanson, Samantha King, Emily Lambert, Joseph Leclair, Erika Morin, Lindsay Morris, Nicholas Noiles, Taylor Rolfe, Lawryn White **Farmingdale:** Clara Irvine, Steven Longfellow, Bradley Shepherd **Fayette:** Aaron Black, Alex Black, Olivia Swimm **Gardiner:** Cody Barnett, Marianna Desoto, Emily Kobrock, Hannah Morgan, Matthew Plourde, Camerin Seigars, Bryant Whitley **Hallowell:** Adam Fullmer, Samuel Shepherd **Litchfield:** Marrissa Caskin, Christopher Lane, Caleb Meservey, Karissa Panzino, Trevor

Tufts, Oleg Wing **Manchester:** Ashley Anderson, Jared Arsenault, Caden Brown, James Cumming, Sydney Green, Cameron Guild, Tyler Lang, Mary-Margaret Manley, Benjamin McLaughlin, Duy Vo **Monmouth:** Kaitlyn Kerrigan, Angus Koller, Hayden Koller, Brianna Mosher, Paul Ruopp **Oakland:** Samuel Dubois, Kirsha Finemore, Corey Foye, Erik Holmsen, Michael Pullen, Benjamin Schaff, Cody Stevens, Allan Walsh **Pittston:** Mitchell Chesley, Kelsey Moody, Leigh Shaw **Randolph:** Andrew Moran, Paul-Jacob Richmond, Alexander Roberts, Andrew Roberts, Matthew St Jarre **Readfield:** Kaitlyn Chick, Mitchell Fellows, Grace Kavanah, Margaret Keeley, Eleanor Nazar, Victoria Nolette, Anne-Marie Ricker, Brianna Smith, Gwendolyn Walsh **Rome:** Jordan Pelletier, Julia Schnee **Sidney:** Kyle Bernier, Cameron Dick, Soren Donisvitch, Taylor Lenentine, Haleigh Moran, Daniel Paradis, Robert Pietraszewski, Travis Stacey, Jennifer Stanley **South China:** Emily Deering, Alton Hawk, Gregory O'Connor, James Poulin, Ryley Thompson, Brittany White, Katherine Wight **Vassalboro:** Taylor Bailey, Moriah Cloutier, Joseph Connelly, Cameron Grass **Waterville:** Michael Bailey, Alexis Bowman, Alexander Danner, Cassandra Dechaine, Grace Gould, Lucas Higgins, James Lavin, Ryan Lopes, Morgan Pellerin, Danny Pham, Nicole Pinnette, James Robe, Amy Samson, Allison Scully, Todd Serbent **Weeks Mills:** Chase Drummond **West Gardiner:** Edward Abbondanzio, Morgan Carver, Matthew Clark, Kristin Cosgrove, Hannah Luken **Windsor:** Meagan Sturgis, Emma Wilkinson **Winslow:** Ryan Dutil, Hannah Jalette, Kayla LaBrie, Allison LeClair, Courtney McCaslin, Brian Ouellette, Sierra Savage, Rachel Sirois, Gabriel Smith, Aysha Vear, Elizabeth Weiss **Winthrop:** Lauren Kaiser, Jessica Scott, Aaron St Pierre

Knox County

Camden: Blakelee Jordan, Caroline Matteo, Sean Mellon, Kyle Monahan, Lila Ohland, Henry Owen, Sarah Skovran **Cushing:** Erika Brooks, Ronald Hall **Hope:** Rosanna Bowman, John Davee, Hanna Karas **Owls Head:** Jamie Lovley **Rockland:** Heidi Mills, Preston Spear **Rockport:** Ryan Pierce, Lindsay Taylor **South Thomaston:** Maggie Drinkwater, Peter Duda, Rachel Johnson, Russell Lawrence **Spruce Head:** Amber Elwell **Tenants Harbor:** Amelia Reinhardt **Thomaston:** Kaleb Robinson, Bethany Schulberg, Tamra Wallace, Benjamin Young **Union:** Anne Howell **Vinalhaven:** Alexandra Young **Warren:** Taylor Hall, Kaitlyn Hanson, Nicole Weaver **Washington:** Kerry Madden

Lincoln County

Alna: Rachel Alexandrou **Boothbay:** Dante Guzzi, Lynn Pawlowski **Boothbay Harbor:** Zachary Vise **Bremen:** Teiga Martin, Timothy Wells **Damariscotta:** Shania Melvin, Logan Molt, Thilee Yost **Edgecomb:** Arden McSwain, Bennett Scully **Jefferson:** Michaela Fortin, Andrew Foster, Kyle Scherer **New Harbor:** Alice Gluchanicz, Ashley Mason **Newcastle:** Alexis Bailey, Chelsey Riendeau **Nobleboro:** Eugene Wentworth **Round Pond:** Thomas Masters **Somerville:** Hannah Ladd, Phoenix Throckmorton-Hansford **Southport:** Jasmine Waite **Waldoboro:** Joshua Brecker, Greta Brown, Adam Lynch, Olivia Pennington, Taylor Poli, Kristi Severson, Jacob Stevenson **Westport Island:** Kerry Cummings **Whitefield:** Nathan Burns, Ashley Green, Jocelyn Magnusen, Cory Pedersen, Robert Soohey, Stephen Soohey **Wiscasset:** Maeve Carlson, Winston Smiddy, Hannah Welborn

Oxford County

Brownfield: Catherine Gillette, Ian Shea **Bryant Pond:** Victoria Bobbe **Denmark:** Mark Schrader **Dixfield:** Natalie Bolduc, Isiah Brown, Larissa Bryant, Justin Chartier, Summer Keim, Rachel Knight, Ming Feng Schnorr **Fryeburg:** Sydney Charles, Samantha Nardone, Tyler O'Keefe, Madeline Pearson **Greenwood:** Matthew Michaud, Avery Rossow **Hiram:** Caleb Glatzer, Cassidy Hartwell, Jacklyn Holmes **Lovell:** Walker Day, Austin Ward **Norway:** Ashley Baillie, Jesse Newcomb, Charlee Noble **Oxford:** Lacey Cargnino, Krista Clifford, Faith Rideout **Peru:** Adelle Oswald, Gabriella Scott, Kelsey Wilson **Porter:** Christopher Rowley **Rumford:** Random Gurney **South Paris:** Benjamin Bowie, Mikayla Morin **Waterford:** Benjamin Millett-Cordwell **West Paris:** Mikko Liimatta

Penobscot County

Argyle Township: Fara D'Angelo **Bangor:** Joseph Ahern, Jacob Archer, Ariana Babineau, James Barry, Heather Benner, Jill Black, Samuel Bolduc, Evan Brewer, Alyson Briggs, Jordan Brown, James Burkhart, Kelly Bussell, Christopher Carey, Mikaela Cassum, Daniel Clark, Kevin Clark, Stephen Comeau, Gabriela Constantin, Jessica Correale, Megan Corson, Sydni Cosgrove, Patrick Coyne, John Dennis, Jason Dignan, Cara Doiron, Kaitlin Drake, Susannah Drown, Cassondra Dumond, Katrina Duncan, Brett Duplisea, Abigail Elliott, Brittany Ellis, Matthew England, Devon Foster, Andrew Fournier, Ethan Frost, Annemarie Gerow, Connor Giles, Mercedes Goodine, Frank Haferland, Jessie Hardy, Holly Hegarty, Carlianna Higgins, Kirsten Higgins, Todd Hillier, Steven Hooke, Ashlee Husson, Teal Jackson, Rebecca Jacobson, Rachel Karam, Maryam Kashkooli, Adam Kaspala, Nicole King, Zachary Kostusyk, Linda Lewis, Johanna Lunn, JiaJun Luo, Sean Mackintosh,

Jonathan Marcotte, Carrie Marley, Lindsay Mestieri, Michelle Miller, Trang Nguyen, Lauren Nightingale, Tabitha Olmstead, Jacqueline Palmer, Katarina Pinet, Jason Pohlman, Kristi Raymond, Ashley Robinson, Alexander Rodionov, Stephanie Russell, Andrya Ryan, Shannon Scarlett, Cullen Shortt, Terry Shortt, Megan Shuman, Ilana Silver, Taylor Simpson, Katherine Small, Dylan Smith, Doretta Stevenson, Katrina Stinson, Shaun Sylvester, Timothy Thomas, Leanne Violette, Anthony Viselli, Heather Walters, Anna Webber **Bradford:** Christopher Albert, Loni Bernosky, Madeline Ruffin Bradley: Alyson Binette, Miranda Gifford, Jessica Hatch, Lauren Martin, Rachel Martin **Brewer:** Juliana Bilodeau, Morgan Bragdon, Jovon Craig, Joshua Donnelly, Shawn Farrington, Caleb Fernald, Breannah Geiser, Lindsay Houpp, Jacob Joy, Jarrod Joy, Mikayla Mitchell, Keith Parker, Patrick Pettegrow, Megan Pike, Jacob Spaulding, Erica Sturrock, Marisa Tandy, Samantha Taylor, Nicholas Turner, Gregory Warmuth **Carmel:** Abigail DeHaas, Deborah Heyden, Sarah Perley, Sarah Treadwell, Timothy Verrill **Charleston:** Emily Turner **Clifton:** Garrett Boardway, Rachel Brooks, Brandon Gale **Corinth:** Rebecca Arrants, Craig Blackwell, Bryan Bouchard, Benjamin Brewer, Brianna Speed, Heather Speed, Kara Voisine **Dexter:** Dylan Hanscom, Sarah Hoak, Rebecca Mason, Kirstie Mower, Meredith Roderka **Dixmont:** Angela Silke, Joshua Viekmann **East Millinocket:** Shane Nadeau, Derrick Tanous **Eddington:** Shelby Colburn, Emily Illingworth, Kyle Manson, Joseph McCage, Nathan Perry, Mark Proulx, Morgan Tidd **Etna:** Carly Dodson, Katelyn Manzo **Exeter:** Cara Morgan **Garland:** Michael Choiniere **Glenburn:** Sarah Baker, Kayla Bousfield, Joseph Cheff, Brandon Crocker, Jennifer Federico, Gabriel Gerow, Dimitrije Howe-Poteet, Todd Kindler, Amanda Long, Scott Rhynold, Connor Scofield, Christopher St Peter, Brittany Towle **Greenbush:** Brawley Benson, Garvey Melmed, Shawn Ripley **Hampden:** Kathryn Asalone, Erika Bisher, Mikaila Bisson, Rebekah Boomer, Sarah Boomer, Randy Canarr, Amy Cirrinone, Matthew Closson, Meghan Curtis, Abigail Durrah, Alexander Flannery, Drew Gilmore, Matthew Hammond, Lia Hanenburg, Zackary Henderson, Julia Hidu, Kelly Hiller, Megan Houpp, Charlotte Howson, Maria Howson, Alexandra Ireland, Robert Judkins, Lauren Lee, Karen Lucky, Mark McLaughlin, Megan Morin, Sadie Novak, Kent Reichel, Kristina Reichel, Margaret Ross, Stanley Small, Forrest Spang, Dakota Sudbeck, Kristen Thibodeau, Samuel Walls, Ellie Webb, Jerel Williams **Hermon:** Ashleigh Beaulieu, Colleen Copley, Keely Gonyea, Nicolette Hashey, Megan Howes, William McDonald, Elias Pasquerillo, Rachael Proulx, Stephen Roberts, Zachary Rogers, Kaitlin Sauter, Jonathan Sirois, Fawn Sullivan, Joshua Theriault, Jessica Wade, Joshua Wilson, Jessica Wood **Holden:** Megan Ackley, Evan Albert, Shayne Andersen, Madelyn Bailey, Caroline Bush, Molly Caron, Sarah Caron, Katherine Davenport, Jill Hein, Morgan Johnson, Elizabeth LeBlanc, Forrest Miller, Molly Moreshead, Hannah Nickerson, Braydon Norris, Katelyn Porter, Lydia-Rose Ross, Taylor Roy, Ashlee Sargent, Reagan Smith **Howland:** Ryan Bergeron, Charity Robbins, Monique Theriault, Wade Thurlow **Hudson:** Sara Asay, Sally Clark, Ryan Cullen, Krista Foster, Karah Hussey, Victoria Pendleton, Theresa Potter **Indian Island:** Christopher King **Kenduskeag:** Derek Frey **Lee:** Brandon Bourgoin, Abigail Glidden **Levant:** Joshua Andrews, Nichole Belanger, Laura Kamorski **Lincoln:** Bailee Bartash, Gary Farrell, Emily Gray, Ian Lichtenberg, Harli Maxwell, Rebecca Radovic, Connor Smart **Lowell:** Nicholas Garfield, Isaiah Kilby, Kasha Sereyko **Medway:** Matthew Austin, Colleen Cuccinello **Milford:** Maliyan Binette, Emily Bryant, Nicole Carr, Brittany Cousins, Mason Duplissie, Andrea Evans, Jessica Ford, Silvia Guzman, Danielle Harrington, Stephannie Kreyszig, Amber Murray, Amber Oakes, Amanda Rose, Benjamin Salzberg, Haley Saucier, Crystal Thomes **Millinocket:** Aaron Collinsworth, Christenia Cote, Lillian Dow, Tyson Girska, Alexandria Mooney **Newburgh:** Jonathan Clements, Aleksandar Vega **Newport:** John Butler, Amanda Travers **Old Town:** Maitham Alabbad, Ayman Alsuri, Christopher Anderson, Kevin Arkin, Tyler Barnes, Christiana Becker, Emily Borger, Derek Breton, Jennifer Brown, Hannah Bunnell, Tanner Caron, Sean Cashman, Hannah Cloutier, Tyler Cohen, Austin Comeau, Anjelica Davenport, Sally DeForest, Meaghan Delcourt, Desirae DuBois, Charles Duffield, Allyson Eslin, Eli Farnham, Zachary Fisher, Edward Gonnella, Natasha Guay, Mary Hamilton, Holland Haverkamp, Kimberly Herron, Michael Hodgkins, Marcilla Jackson, Michael Johnson, Rebecca Julian, Chelsea Krug, Noelle Lajoie, Evan Lane, Adam Letourneau, Dustin Levesque, Kathryn Liberman, Susan Lodge, Matthew McCaslin, Desaray McCue, Katherine McMahon, Haley Michaud, Michelle Moeller, Kaitlyn Moriarty, Blake Nelson, Han Nguyen, Hannah Noriega, Erica Ogden, Yi Peng, Jason Pina, Chandra Poliquin, Jessica Pollard, Scott Richards, Jason Robinson, Sethany Rodriguez, Jessica Sardina, Samuel Segee, Benjamin Smith, Andrea Steward, Nicholas Thibodeau, Zoie Trussell, Steven Vandez, Kasey Watson, Peter Wells, Sarah White, Sonja Williams **Orono:** Nathaniel Allan-Rahill, Michael Altieri, Zachary Applebee, Ammar Ayyash, James Bartlett, Jade Baumrind, Brian Berger, Donald Bistri, Aaron Black, Samuel Borer, Amber Boutiette, Allison Brakey, Timothy Bruce, Samantha Bullard, Henry Carfagno, Lara Carney, Joseph Claar, Alison Crofton-Macdonald, Bradley Denholm, Derek Derosier, Christopher Desmond, Chloe Douglass, Belise Dusenge, Emma Elz Hammond, Jade Evans, Grace Eye, Benjamin Fearn, Jeremy Frantz, Marie-France Georges, Kayla Greenawalt, Thomas Griffith, Samuel Griswold, William Grover, Neal Harrison-Billiat, Caroline Harvey, Kennedy Hubbard, Diana Inkova, Alexander Introne, Simplicie Iradukunda, Ryan Jennings, Ashley Kwiatkowski, Lukas Lamb-Wotton, Troy Lawrence, Ethan Luthin, Noah MacAdam, Jessica Majors, Hunter Manley, Kayla Marquis, Sage McClain, Joshua Medina, Erin Mercier, Lindsey Moran, Annie Morgan, Kimberly Mulvaney, Suzanne Neville, Cameron Ouellette, Zechariah Palmeter, Bryanna Plummer, Jeffrey Rampe, Nathan Reeves, Christopher Roderick, Ana Eliza Souza Cunha, Nathan Sprangers, Michael St Denis, Nathan Taff, Dillon Toothaker, Zandalee Toothaker, Laura Triandafillou, Haley Vaudreuil, Sydney Veljacic, Juvelta Vishe, Ryan Wells **Orrington:** David Bickford-Duane, Jordan Charpentier, Kara Cowan, Matthew Dunning, Michael Dunning, Meagan Grass, Benjamin Jeffrey, Alexis Lindsay, Kurt Massey, Nikkiah McManus, Aaron Ortiz, Richard Perry, Colby Rand, Jaime Roy, Carly Seymour, Melissa Smith, Jessica

Stevens, Emily Travis **Patten:** Nathan Moore **Plymouth:** Mariah Carey, Marissa Shaw **Stillwater:** James LeVasseur, Jocelyn St Jean **Veazie:** Mitchell Burgess, Jordan Carr, Rebecca Clements, Anna-Maria Dagher, Christiana Dagher, Casey Fichter, Nadine Gianopoulos, Emma Hardy, Anastasia Kirbach, Ira Kramer, Grace Livingston, Matthew Morris, Sarah Storgaard **Woodville:** Lauren Goodine

Piscataquis County

Abbot: Elizabeth Cooper **Beaver Cove:** Cody Watson **Brownville:** Andrew Crist, Mindy Downing, Rachel Worster **Dover Foxcroft:** Jessica Curtin, Daniel Decker, Charles Hildebrant, Frederick Maddocks, Christopher Pina, Brent Thomas, Adolfo Zepeda, Sebastian Zepeda **Greenville:** Judson Walden **Greenville Junction:** Kenneth Howard **Guilford:** Jerry Mihm, Mariah Priest **Lake View Plantation:** Camille Cramer **Monson:** Rebecca Huettner, Leah Word **Parkman:** Rebecca Blodgett **Sangerville:** Megan Soden

Sagadahoc County

Bath: Amy Franklin, Spencer Lindsley, Paige Martin, Shelby Neuschwanger **Bowdoin:** Thomas Giggey, Morgan Martin, Emily Miller, Abigail Morgan **Bowdoinham:** Brigitte Milliken, Griffin Stockford **Georgetown:** Mikaela Martin **Phippsburg:** Dana Douglass, Lyle Douglass, Catherine Luedee **Richmond:** Brianna Snedeker, Lauren Umerhinde **Topsham:** Cameron Buthlay, Alex Denis, Dylan Earl-Johnson, Derek Fongemie, Emma Hutchinson, Gregory Kritzman, Haley Michaud, Hannah Moutal, Michelle Pelletier, Haley Poston, Zachary Pratt, Rebecca Schuman **West Bath:** Morgan Redmon, Hilary Warner-Evans **Woolwich:** Emily Buczkowski, Kaitlyn Dube, Kaitlyn Goodspeed, Nicholas Huston, Gabriela Peralta, Paden Stanton

Somerset County

Athens: Lanie Howes **Canaan:** Samantha Santos **Fairfield:** Grace Chavis, Daniel Pooler, Eliza Ring, Ahlin Sungsuwan **Harmony:** Jacob Stutzman **Hartland:** Patrick Burr, Kestrel D'Antilio, MeiWa Li **Mercer:** Emily Greaney, Megan Hooper **Moscow:** Dylan Belanger **Norridgewock:** Ethan Poissonnier **Palmyra:** Connor Kreider, Courtney Withee **Pittsfield:** Alexander Audet, Amanda Collamore, Gavrielle Enriquez, Brody Malloy, Augustus McWilliams, Emma McWilliams, Cassandra Miller, Anna Olsen, Brittany Seekins **Saint Albans:** Everett Coulter, Alyssa Taylor **Shawmut:** Abigail Weigang **Skowhegan:** Kirstie Belanger, Ryley Burkhart, Nicolette Curran, Jaden Dickinson, Elijah Holland, Kaylin Knott, Rhiannon LaPlante, Craig Lizotte, Jillian Redmond, Nicole Sevey, Andrew Stearns **Smithfield:** Amanda Joy, Eben Lenfest **Solon:** Tamika LaCroix

Waldo County

Belfast: Gabe Alex, Allison DellaMattera, Nicholas Fortin, Hannah Holden, Katrina Lapham, John Seekins, Anna Struba **Brooks:** Wendy Gibbs, Julie Thibodeau, William Yori **Burnham:** Eliana Bergdoll **Frankfort:** Brooke Hammond, Kaitlyn Robinson **Freedom:** Trevor Diemer, April Turner **Knox:** Aaron Elkins **Liberty:** Andrew Cloutier, Heath Mathieson, Joshua Savoy **Lincolntonville:** Lindsey Brown, Maximilian Geffken, Christopher Smith, Matthew Watts **Monroe:** Susan Outman **Montville:** Alexandria Jimenez, Asher Sizeler-Fletcher **Morrill:** Abigail Wessels **Palermo:** Abigail Glidden **Searsmont:** Emily Blood, Isaac Hoey, Cassandra Howard **Searsport:** Zachary Beaudry, Jacob Bucklin, Kirsten Caswell, Ellie Damuck, Mark Dube, Benjamin Knowlton **Stockton Springs:** Mary Barker, Alyssa Burkard, Jay Burkard, Michael Cox, Colin Graebert **Swanville:** Thomas Saunders, Amanda Small **Unity:** Isabelle Kennedy, Nicolas Stewart **Waldo:** August Sender **Winterport:** Olivia Barberi, Sarah Burby, Emmanuel Gallucci, Rachel Gower, Samuel Lebel, Blaine Livingston, Erica Marsters, Ian Miller

Washington County

Beals: Stacey Beal **Calais:** Katie-Lynn Bridges, Forrest Carle, Josh Carr, Meaghan Cavanaugh, Jesse Clark, Tracie Eagan, Logan Johnson **Cherryfield:** Cody Blackburn **Columbia:** Brandon Torrey **Columbia Falls:** Haley Toppin **Danforth:** Logan Crone **Jonesboro:** Kassidy Seeley **Jonesport:** Brianna Cirone, Catherine McDonald **Lubec:** Dominique Del Valle, Chad Denbow **Machiasport:** Emma Huntley **Milbridge:** William West **Pembroke:** Rachael Mahar **Steuben:** Aaron Leighton **Waite:** Tamara Thomson **Weston:** Felicia Cowger **Whiting:** Dakota Cates-Wright

York County

Acton: Samuel Beaudoin, Daniel Miles **Alfred:** Andrew Bullard, Tabatha Goodale, Matthew Roberts **Arundel:** Andrew Boswell, Ciera Lamontagne, Jenna Paul, Nicholas Roberts, Megan Rounds, Santana Trottier **Berwick:** Hayley Junkins, Alexander Menter, Hannah Waters **Biddeford:** Brooke Bailey, Kassi Bailey, Miranda Blais, Connor Bouffard, Justine Bouthot, Margaret Bushey, Ryan Contois, Taylor Hallezuck, Alexis Innes, Amanda Jordan, Rebecca Kaiser, Michael Kennedy, Maggie Maloy, Matthew McGuirk, Anna Mininni, Amber Mondor, Vie Nadeau-Carney, Michael Shea, Forrest Smith, Zachary Stephens, Kiana Ward, Timothy Waterman, Maxim Zakian **Buxton:** Jamie Fisher, Lucas Knight, Alyssa Libby **Cape Neddick:** Mitchell Benoit **Cornish:** Olivia Ruhlin **Dayton:** Alexander Belanger, Christina Caron, Audrey Dean, Avery Dunn, Jack Grondin **East Parsonsfield:** Caleb Winslow **Eliot:** Bethany Ames, Alyssa Curtis, Isabella Etro, Jenna Gilbert, Megan Greener, Luke McNamara, Terence O'Brien, Shane Odiorne, Kayla Perry, Adya Plourde, Kayla Rackley, Garrett Robinson, Erica Sewell, Anne Spezia, Taylor Sturdevant, Madison Waterman **Hollis Center:** Casey Libby, Riley Mattor **Kennebunk:** Nicholas Barto, Joseph Beaudoin, Lauren Deegan, Nicholas Haritos, Dylan Haroldsen, Kaleigh Haroldsen, Tori Leonard, Abigale McGee, Delaney Murphy, Barry Nolette, Kathleen O'Toole, Timothy Price, Nathan Ruel **Kennebunkport:** Nicholas Ames, Sophia Auman, Willow Bates, David Despres, Sierra Kuun, Brianna Walsh **Kittery:** Emilia Byrne, Melissa Hawkes, Aidan Morrill, Michael Noble, Sarah Noble **Kittery Point:** Mark Lambrecht, Mary Lambrecht, Alexandria Sillsby, William Tucker **Lebanon:** Emmaline Lovely, Laura Nicolo, Gordon Potter **Limerick:** Megan Carroll, Alyssa Wardwell **Limington:** Derek Allan, David Hegarty **Lyman:** Drew Brooks, Corbett Smith **North Berwick:** Taylor Dupont, Elizabeth Littlefield, James Stewart, Matthew Wood, Anna Wright **North Waterboro:** Adam Marcotte, Madeline Sanborn **Ogunquit:** Olivia Arnold **Old Orchard Beach:** Emily Bordeau, Jamie Crowley, Lauren Fogg, Jason Regis **Parsonsfield:** Lila Lyons **Saco:** Robert Begin, Joshua Boldebook, Katilyn Coburn, Alexandra Courtney, Elizabeth Demin, Jill Faucette, Alison Folsom, Rebecca Harris, Gwendelyn Hill, Megan Hurrell, Olivia Lapointe, Katherine Lees, Owen Lemoine, Hannah Maddix, Devin Marsh, Cameron Mondor, Jason Morrill, Alexander Reppond, Samantha Saucier, Kent Seneres, Elijah Silverman, Henry Ta **Sanford:** Mathew Allen, Regan Buck, Vanessa Caron, Megan Carpenter, Matthew Egan, Karin Martin, Blaine Morin, Jenna Nichols, Justin Norman, Nisha Patel, Joshua Patnaude, Derek Talbot **South Berwick:** Allison Blunt, Abigail Doyle, Alyssa Fogarty, Hannah Folger, Thomas Fontaine, Hailey Gagne, Jillian Gori, Corrin Hoyt, Toni Kaplan, Ashley Karr, Nicole O'Neil, Sarah Oakley, Alexandra Pergerson, Sarah Personeni, Catherine Pouliot, Grace Pouliot, Andrew Purgiel, Alec Taylor, Lucas Taylor, Ryan Tuano **Waterboro:** Jonna Casoli, Tyler Everett **Wells:** Michaela Albano, Anthony Crawford, Fionnula Duggan, Matthew Fischer, Julianne Fitzpatrick, Marcus Harding, Zachary Mason, Cameron McMahon, Patrick Menard, Christina Muse, Cassandra Page, Porter Rooney **West Kennebunk:** William Bauld **York:** Jack Briggs, Kathryn Brown, Matthew Eaton, Tyler Gallant, Eric Lindbom, Abigail Pease, Connor Prewitt, Zachary White [Back to full list](#)

South Paris workshop to teach pickling as way to preserve harvest

30 Jun 2016

Preserving the harvest will be the focus of a University of Maine Cooperative Extension workshop 1–4 p.m. Thursday, July 21 at the UMaine Extension office, 9 Olson Road, South Paris. Taught by UMaine Extension food preservation community education assistant Kate McCarty, the hands-on workshop uses recommended preservation methods for canning and freezing garden vegetables, including using water bath canners to pickle vegetables. The \$20 fee includes fresh produce and canning jars. Participants should bring a pot holder. Registration is online. For more information or to request a disability accommodation, call 743.6329 or 800.287.1482 (in Maine).

Men's ice hockey team to play at Frozen Fenway, media report

30 Jun 2016

The [Bangor Daily News](#), [Portland Press Herald](#), [WVII](#) (Channel 7), [Boston.com](#) and The Citizen of New Hampshire reported the University of Maine men's ice hockey team will compete in the Frozen Fenway series at the home ballpark of the Boston Red Sox. Hockey East announced four pairings, including the Jan. 14 match-up between the Black Bears and the University of Connecticut Huskies, the BDN reported. "It gives the student-athletes an opportunity to play outside at Fenway Park which is something everybody dreams about when they're playing hockey out on the pond," Will Biberstein, UMaine's associate athletic director for internal operations, told the BDN. "And it is a unique experience for the fans. They get to watch a great college hockey game outside at a historical baseball park."

UMaine Center on Aging, Crittenden cited in BDN article on raising grandchildren

30 Jun 2016

The University of Maine Center on Aging was mentioned in the [Bangor Daily News](#) article, “When young families fail, grandparents step forward.” In Maine, there are thousands of households in which grandparents are the primary caretakers of their grandchildren, according to the article. Jennifer Crittenden, assistant director of the UMaine Center on Aging, said the challenges grandfamilies face are slowly gaining recognition. However, she added, many families don’t know support is available through agencies, and social service professionals often don’t recognize the overlapping needs of older adults caring for children. The Center on Aging provides training and certification in meeting the needs of multigenerational households and participates in a statewide network of regional support groups for grandfamilies and other kinship caregivers, the article states.

Sun Journal shares UMaine Extension tips on growing, storing in-season vegetables

01 Jul 2016

Information provided by the University of Maine Cooperative Extension about how to grow, use and store in-season fruits and vegetables in Maine was featured in a [Sun Journal](#) column about preparing fresh-from-the-garden produce. The author refers to UMaine Extension as a “local resource to answer your questions and provide great advice in case you need it.” The column included information from UMaine Extension on some July garden favorites, including cucumbers and snap beans. “Freezing green beans and making homemade pickles are simple and easy ways to increase access to a year-round supply of local foods and reduce food expenses,” according to UMaine Extension.

Climate scientists say Australia’s uranium polluting Antarctic, Mining.com reports

01 Jul 2016

[Mining.com](#) reported University of Maine researchers have found a recent surge in uranium concentrations in the Antarctic can be linked to increased mining activity in Australia. UMaine climate scientists made the discovery during the first high-resolution continuous examination of a northern Antarctic Peninsula ice core. The team, which will publish the results of their research in the *Atmospheric Environment Journal*, found ice core data revealed a significant increase in uranium concentration that coincides with open pit mining in the Southern Hemisphere, particularly in Australia, according to the article. Uranium concentrations in the ice core increased by as much as 10^2 between the 1980s and 2000s, accompanied by increased variability in recent years, said lead researcher Mariusz Potocki, a doctoral candidate and research assistant with the UMaine Climate Change Institute. [HuffPost Tech UK](#), [The Free Press](#) and [Phys.org](#) also published reports on the study.

Huffington Post reports on limb regeneration research conducted by GSBSE scientists

01 Jul 2016

[Huffington Post](#) reported on research conducted by scientists from Mount Desert Island Biological Laboratory and the University of Maine’s Graduate School of Biomedical Science and Engineering that found a key genetic element shared by animals with regenerative abilities. The study, published in the journal *PLOS One* by Benjamin King and Viravuth Yin, found three evolutionary distant species have important similarities in their microRNA — small RNA molecules that regulate elements of gene expression — which may be vital to their regenerative abilities, according to the article. The researchers said they hope this information will inspire more studies on limb regeneration and, perhaps, one day be applied to humans, the article states.

Medical Xpress reports on new microdevice developed by UMaine, Jackson Lab

05 Jul 2016

[Medical Xpress](#) published a University of Maine news release about a new microdevice developed by researchers at the University of Maine MicroInstruments and Systems Laboratory (MISL), in collaboration with The Jackson Laboratory. The new microfluidic tool reproduces in the laboratory the same physiochemical environment that instructs embryonic stem cells to develop into organized tissue. Using this device, the research team has successfully cultured a portion of a spinal cord on chip. During embryonic development, specific chemicals called morphogens direct stem cells to develop and organize into their appropriate tissues. Using the new microdevice to duplicate that spatial distribution of morphogens in the laboratory results in the same tissue organization, said UMaine professor Scott Collins.

Sorg quoted in Press Herald article on Bath-Brunswick addiction program

05 Jul 2016

Marcella Sorg, a research professor of the Margaret Chase Smith Policy Center at the University of Maine, spoke with the [Portland Press Herald](#) for an article about the Addiction Resource Center (ARC) in Brunswick. The center's open access to drug treatment — those suffering from addiction can typically get into the ARC within two to three days, even for the uninsured who can't pay out-of-pocket — is almost unheard of in Maine, according to the report. The ARC system that allows quick and easy access into treatment is being touted as a potential key to alleviating Maine's heroin crisis, the article states. There were zero or very few drug overdose deaths in the Bath-Brunswick region in 2015, at the same time that overdoses were soaring through the rest of the state, the Press Herald reported. Sorg, who compiles drug overdose reports for Maine, said due to patient privacy concerns, officials cannot release a number to the public if there were fewer than five deaths in a city or town. "They are really close to zero," Sorg said of the Bath-Brunswick region.

Eastern Trek for Cancer organized by recent grad kicks off, WLBZ reports

05 Jul 2016

WLBZ (Channel 2) reported on the start of this summer's Eastern Trek for Cancer. A group of seven runners heading for New York City began their run July 3 from Portland's East End Beach as part of an effort to raise money for those battling cancer, according to the report. Recent University of Maine graduate Matt Dexter started the Eastern Trek for Cancer two years ago under the Christine B. Foundation (CBF) — an organization he created to raise awareness of and funds for cancer in honor of his mother who died of stomach cancer when he was 13. In the relay-style run, each participant will run in one- to two-mile increments, with each runner totaling about 10–12 miles per day, according to Dexter. Each runner was required to raise at least \$2,000, and so far, the group has raised more than \$16,500, Dexter said. This is the first year the foundation will award two \$2,000 scholarships to a current or incoming college student, WLBZ reported.

Schmitt's stories included in Press Herald roundup of new Acadia books, exhibit

05 Jul 2016

A recently released title by Catherine Schmitt, communications director for Maine Sea Grant College Program at the University of Maine, was included in a [Portland Press Herald](#) roundup of new books and an exhibit that highlight Acadia National Park's 100th anniversary. "Historic Acadia National Park: The Stories Behind One of America's Great Treasures," includes 12 tales on various aspects of the park's natural and human history, according to the article. Schmitt said she tried to find stories and facts that weren't well-known, including some in her own area of expertise — science writing. Through her research, she found scientists had a role in creating the park. Beginning in the 1800s, scientists came to Mount Desert Island to study nature in its pristine form and realized that as more visitors came, opportunities for study could be destroyed, the article states. "If you look at the founding legislation, it makes it clear how important it was to keep the land protected as a place for science," Schmitt said.

Modern Farmer profiles Kersbergen in feature on Extension faculty

05 Jul 2016

Richard Kersbergen, a University of Maine Cooperative Extension professor in Waldo County, was profiled in the [Modern Farmer](#) magazine article, "Extension agents: The unsung heroes of the agricultural world." The approximately 14,000 experts who make up the USDA's Cooperative Extension System work tirelessly to assist farmers and gardeners from coast to coast, yet rarely receive recognition, according to the article. Kersbergen, who holds a master's degree in animal nutrition, was mentioned for his many contributions to Maine agriculture, particularly in organic dairy. When Kersbergen joined UMaine Extension 29 years ago, the state had 900 dairy farms, today only 260 remain in operation, the article states. "I'd like to see these farms become financially viable again," Kersbergen said. "Perhaps by switching to organic methods, improving forage quality, or introducing robotic milking systems." To learn about the latter, he took a sabbatical in 2014 and traveled around the Netherlands to see how small dairies use the machinery, blogging to share the details with others at home, Modern Farmer reported.

Chantel Banus: Exploring consumer acceptance of seaweed products

05 Jul 2016

Chantel Banus, second-year master's student in human nutrition at the University of Maine, is working to determine the factors that influence consumer purchase of seaweed products in the United States. Banus is conducting a survey to see what consumers are looking for in seaweed products and what influences their decision to purchase them. She wants to inform Maine seaweed farmers and aquaculture industry members in order to better market their products. Her research is advised by Mary Ellen Camire, professor of food science and human nutrition. "Although seaweed, also known as macroalgae, has long been wild-harvested along the Maine coast, several species now form an emerging aquaculture industry in the state," said Banus. Though there are more than 250 species of sea vegetables in the Gulf of Maine, only 11 species of seaweed are commercially harvested. Banus recently traveled to Washington D.C. to attend a public policy workshop hosted by the Academy of Nutrition and Dietetics. She met with Maine legislative offices to discuss nutritional issues such as diabetes, obesity and child nutrition. "It was rewarding to see dietitians, students and interns from across the country all in one room advocating for our work and the health of America," said Banus, whose interest in human nutrition was sparked in her high school biology class. At UMaine, Banus has worked closely with Adrienne White, professor and director of the internship program in the School of Food and Agriculture. Part of Banus' graduate work is an accredited dietetic internship, which focuses on nutritional services and professional advocacy. When she doesn't have her head in the books, Banus can be found at the UMaine New Balance Student Recreation Center doing crossfit, yoga, pilates or running. She also loves to travel. Hailing from Ashby, Massachusetts, Banus graduated from California State University, Sacramento with a B.S. in dietetics. After she graduates from UMaine in August 2017, she will be qualified to take the National Registration Examination to become a Registered Dietician. Although she is unsure what her future career holds, she aims to find a position that combines her interests in human nutrition and policy. Contact: Amanda Clark, 207.581.3721

Medical Xpress publishes profile on human nutrition master's student

06 Jul 2016

[Medical Xpress](#) published a University of Maine profile on Chantel Banus, a second-year master's student in human nutrition. Banus, of Ashby, Massachusetts, is working to determine the factors that influence consumer purchase of seaweed products in the United States. She is conducting a survey to see what consumers are looking for in seaweed products and what influences their decision to purchase them. Banus wants to inform Maine seaweed farmers and aquaculture industry members in order to better market their products. "Although seaweed, also known as macroalgae, has long been wild-harvested along the Maine coast, several species now form an emerging aquaculture industry in the state," she said.

BDN reports on lower hockey ticket prices, elimination of tailgating fees

06 Jul 2016

The [Bangor Daily News](#) reported University of Maine administrators have decided to reduce ticket prices and offer other perks to boost attendance at men's ice hockey and football games. Hockey season tickets have been reduced from \$325 and \$295 to \$255, according to the article. UMaine will still offer \$50 single game tickets for hockey in desirable areas at center ice, but many of those have been dropped to \$35 and \$20 depending on the section, said John Diamond, the assistant athletic director for community engagement and marketing. "We are putting an emphasis on doing everything we can to provide the best fan experience that we can both in pricing and benefits we can offer," Diamond said. A \$10 parking fee for several parking areas near the Alford facilities as well as tailgating fees for football games have been eliminated, the BDN reported. WVII (Channel 7) also reported on the changes.

WVII reports it will broadcast three UMaine football games this season

07 Jul 2016

WVII (Channel 7) reported it will broadcast three University of Maine football games during the 2016 season. The games are 3:30 p.m. Saturday, Oct. 1 against Bryant; noon Saturday, Oct. 15 against Albany; and noon Saturday, Nov. 5 against Villanova, according to the report. The games will all be played at home at Alford Stadium. The [Bangor Daily News](#) also reported on the coverage.

Groden's research mentioned in Lincoln County News article on browntail moth

07 Jul 2016

Research being conducted by Ellie Groden, an entomology professor at the University of Maine, was mentioned in a Lincoln County News article about the invasive browntail moth. The insect, which is on the rise throughout Maine, is relatively harmless in its adult stage, but can cause a painful rash similar to poison ivy during its caterpillar, or larval, stage, according to the article. In this state, the insect's hairs are toxic and easily transferable, and become especially dangerous when inhaled, the article states. Researchers throughout Maine are trying to better understand what attracts the moths to certain areas and why they have increased during the last couple years. One theory as to what kept them under control involves a fungus that may have killed the browntail moth. Groden is studying the fungus, *Entomophaga aulicae*, this summer and its possible links to the moth, according to the report.

Daily Telegraph cites Garder's study in article on roundabouts

07 Jul 2016

[The Daily Telegraph](#) in Australia mentioned a study by Per Garder, a civil engineering professor at the University of Maine, in an article about how older drivers react to roundabouts. Garder's two-year study found drivers over 70 years old took 3.95 seconds, on average, to negotiate a roundabout, according to the article. The only drivers who took longer to enter the intersections were inexperienced drivers under 20 at 4.85 seconds, the study found.

USA Today reports on Kids 'n' Kops trading card program

07 Jul 2016

[USA Today](#) reported on the Kids 'n' Kops trading card program offered by the Bangor and University of Maine police departments. The program aims to raise awareness about bullying and substance abuse prevention among elementary and middle school children. A similar program called Kids & Kops originally began in 1986 and was spearheaded by then-UMaine men's basketball coach and UMaine alumnus Skip Chappelle. The new series of 14 trading cards feature male and female UMaine student-athletes who play Division I sports. The cards are handed out by members of the police departments at community events, including university athletic games. Once children collect five of a kind, they go to their local police department, where they exchange the cards for T-shirts and a pair of tickets to university games, according to the report. "We're trying to bridge the gap there between the youngster and the cop," Chappelle said. "In no way do we want our young kids in the area feeling that the law enforcement people are bad people."

Putnam pursues climate clues in Mongolia ice fields

07 Jul 2016

Aaron Putnam, assistant professor with the University of Maine Climate Change Institute, is searching for clues in Mongolia about what "caused the Earth to lurch out of the last ice age." Kevin Stark, a graduate student at Northwestern University's Medill School of Journalism, is embedded with Putnam's research team and is blogging about the expedition. Follow Putnam, Stark, UMaine students Peter Strand, Mariah Radue and Nathan Norris, and the other explorers' collaborative effort to "examine links among climate, glaciers and modern society in the Bayan-Ölgii Province of Western Mongolia." Stark's first blog is titled "[Searching for Climate Switches — A Glacial Mystery in Mongolia](#)." For more information, read about [Putnam's Faculty Early Career Development \(CAREER\) grant](#) from the National Science Foundation. *Climate Change/Medill News Service* climatechange.medill.northwestern.edu Contact: Beth Staples, 207.581.3777

Free Press advances Darling Marine Center talk on coral reef conservation

08 Jul 2016

[The Free Press](#) reported Peter Mumby, leader of the Marine Spatial Ecology Lab at the University of Queensland, Australia, will lead a seminar at the University of Maine Darling Marine Center (DMC) in Walpole at noon Wednesday, July 13. In his talk, "Managing Coral Reef Resilience and Ecosystem Functioning in an Era of Climate Change," Mumby will discuss his 20-plus years of experience with coral reef ecology research and translating that knowledge into action, according to the article. The talk is free and open to the public. Mumby has visited UMaine several times while collaborating with Bob Steneck, a researcher at DMC. Together they have conducted research on the world's coral reefs and published more than 20 scientific papers, the article states.

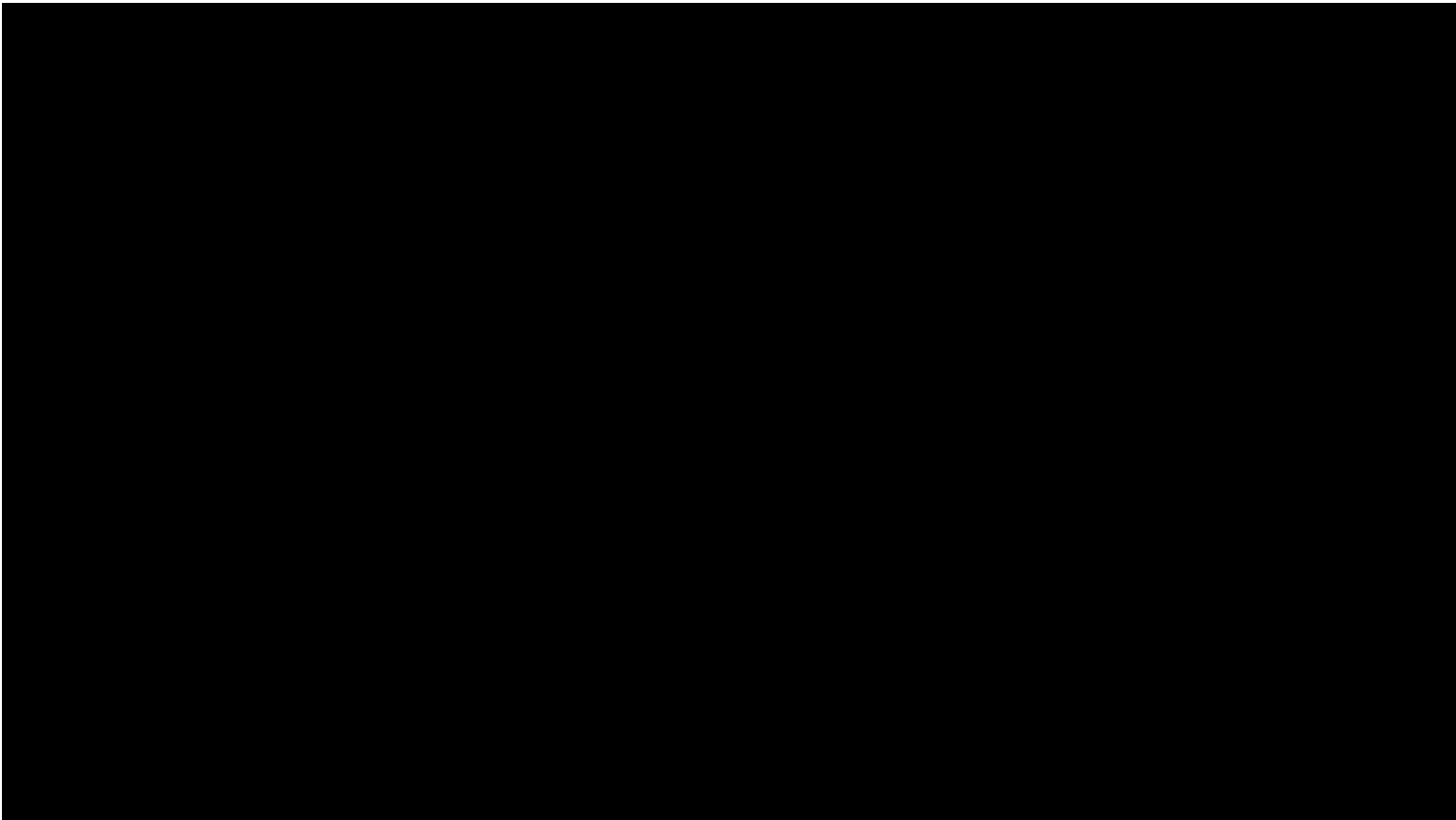
BDN health blog quotes Dill in post about black flies

08 Jul 2016

Jim Dill, a pest management specialist with University of Maine Cooperative, was quoted in a [Bangor Daily News](#) blog post about “little-known” black fly facts. When black flies bite they inject an anticoagulant to prevent blood from clotting, which can cause a mild to severe allergic reaction in some people, Diane Atwood wrote in her Catching Health blog post. “People who move to Maine often have moderate to severe reactions to black fly bites for their first two to three years in Maine,” Dill said. When it comes to protection, Dill said repellents work well. For gardeners, he also suggests wearing a hard hat covered with baby oil. “A light-colored, oil-covered hard hat seems to help attract them and they get stuck in the baby oil,” he said. He added that black flies breed in clean running water and the populations remain about the same from year to year.

Behind the scenes of Maine's lobster industry

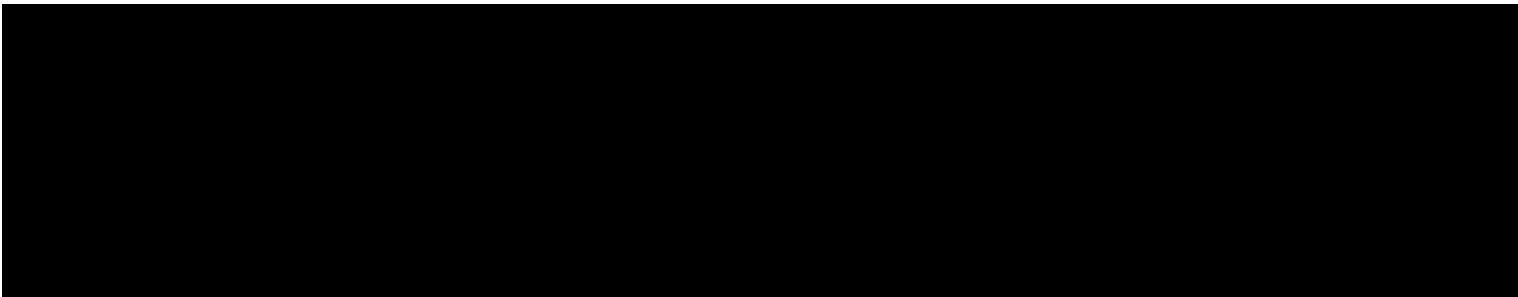
11 Jul 2016

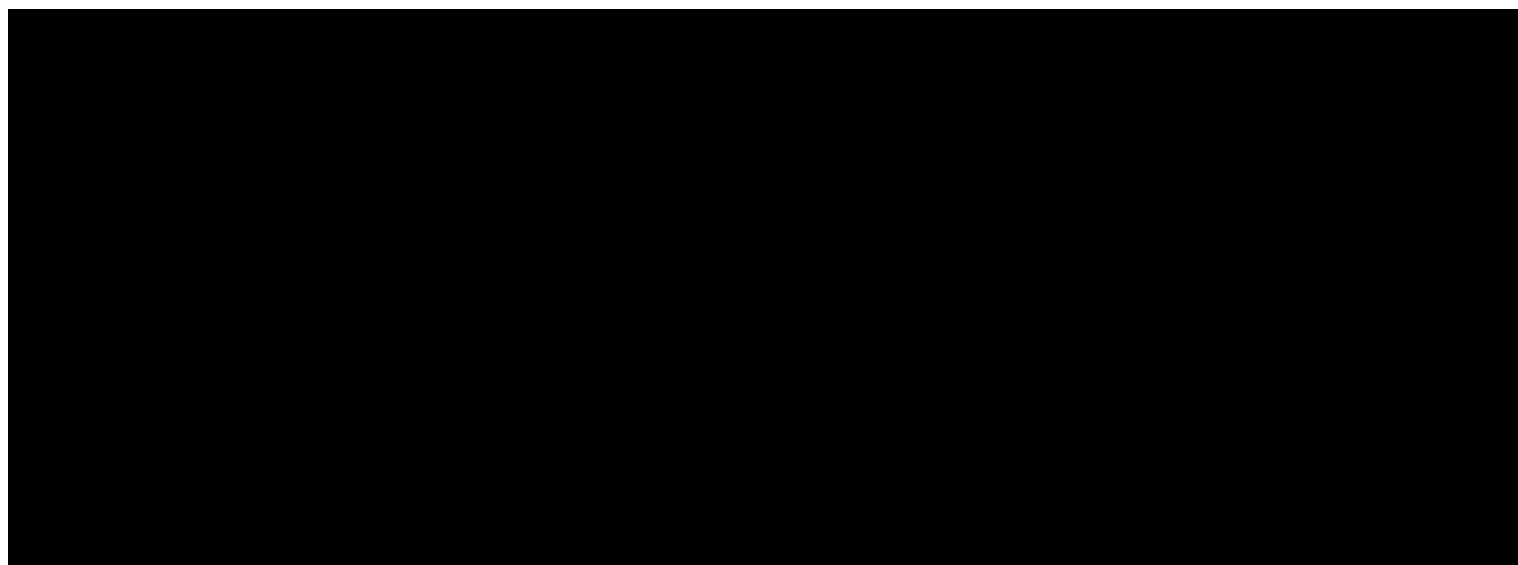


As the sun rises over Bass Harbor, Maine, Jim Dow and crew fish for lobsters — retrieving and baiting traps and measuring and banding lobsters. Jim Dow is vice president of the Maine Lobstermen’s Association, and sits on the board of advisors of the University of Maine Lobster Institute. UMaine has been a leader in lobster research for decades, with many pivotal discoveries made by world-renowned researchers at the Darling Marine Center located in Walpole, Maine.

Community: 'Growing Maine'

11 Jul 2016





[Read transcript](#) “Growing Maine” is a series of short documentaries by the University of Maine’s Cooperative Extension, which highlights Maine food producers and farm families. This episode tells the story of Doreen and John Simmons of Stoneheart Farm in South Paris, sharing the most valuable players of their farm family — Gwen and Bea. Without the dogs, the farmers could not do what they do. [Find more Cooperative Extension videos online.](#)

Transcript

John Simmons: We’re at Stoneheart Farm in South Paris, in the foothills of Western, Maine, on Streaked Mountain. When we got out of the military and we were looking for a place to settle down we were looking for a place where you could still afford to have some land and to have some farm and wound up in Maine and we’ve never looked back. **Doreen Simmons:** We started with pigs then a friend of mine was spinning wool and I had an interest in that, so I took some classes and I was buying my wool and we just decided let’s raise some sheep. **John Simmons:** We could not do what we do on this farm without these dogs. They make all the difference. **Doreen Simmons:** So this is Bea she’s 2 years old. This is Gwenny she’s 7. Gwenny is a more calm, intense dog when she moves the sheep. Bea, how would you describe her... **John Simmons:** Bea is a lot of fun to work. She has a lot of energy a lot of enthusiasm. One thing that she won’t stand for is the status quo. The older dog is as steady as it goes. I can send her out in a 10 acre field and I know she will come back with the sheep. Sometimes they get in a little stalemate but when there is a stalemate we send in Bea and you know something is going to happen. Then sometimes we have to regroup after that. **Doreen Simmons:** And it’s not always good. **John Simmons:** But it’s not going to be the status quo anymore. Gwen is very laid back, Bea’s ready to rock and roll. With border collies their reward is to be able to work. We do a lot of rotational grazing so there is constantly being sheep moved from pasture to pasture, from field to field. It would be very cumbersome without the dogs. It’s not a big deal. We can walk over there with the sheep and the dogs and it’s basically as easy as taking a walk. One of the important things to train a border collie is when to work and when not to work or they will be working 24/7. So there is a command that we do that means work is done. And when I say that it’s like flipping a switch and they are just dogs. I think it’s the best of both worlds, really. It’s really great to have a dog that is a super pet, but can work side by side with you all day long. At the end of the day they are tired and they wind up on our bed and the four of us pass out and get up and do it all again the next day. How much better can it get? They are family. [Back to post](#)

Maine Summer Transportation Institute July 11–22

11 Jul 2016

The University of Maine College of Engineering is hosting the Maine Summer Transportation Institute from July 11–22. More than 20 middle school students from the Greater Bangor area are attending the institute, which is supported by a grant from the Federal Highway Administration. The program is designed to introduce students at an early age to jobs and careers available in engineering and Maine’s transportation industry. The institute will run daily from 9 a.m. to 4 p.m. Students will participate in field trips; leadership and team-building activities; and age-appropriate engineering workshops with hands-on laboratory experiences related to transportation mode, safety and products, biofuels, wind energy, construction materials and more. 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 is available [online](#) or by contacting Sheila Pendse at sheila.pendse@maine.edu, 581.2225.

Maine Compost School director quoted in Morning Sentinel article on Backyard Farms

11 Jul 2016

Mark King, an environmental specialist for the Department of Environmental Protection's division of sustainability and the director of the Maine Compost School, spoke with the [Morning Sentinel](#) for the article, "Backyard Farms considers plan to reduce greenhouse waste." Backyard Farms, a commercial greenhouse in Madison, produces 25 to 30 million pounds of tomatoes and generates about 3,000 tons of waste annually. Since the greenhouse opened in 2006, waste has been compressed and sent to a landfill in Norridgewock, according to the article. The company and local sanitary district have a proposed partnership that would liquefy and remove the water from the greenhouse plant waste, leaving only about 10 percent of the waste to become compost or be taken to the landfill, the article states. "We see a lot of re-use in the smaller farms, but the larger ones tend to produce so much volume of this vegetable matter and a lot of them don't have land or a compost facility associated with them, so it's easier for them to just contract with a waste hauler," King said. The Maine Compost School is a collaborative program of the University of Maine Cooperative Extension, Maine Department of Environmental Protection; and Maine Department of Agriculture, Conservation and Forestry.

MSW student writes op-ed for Sun Journal

11 Jul 2016

The Sun Journal published the opinion piece, "What is the 'typical' addict like?" by University of Maine student Thomas Elie. Elie, who lives in Lewiston, is a second-year student working to achieve his master of social work degree.

UMaine Center on Aging program focus of Morning Sentinel column

11 Jul 2016

The University of Maine Center on Aging was mentioned in a [Morning Sentinel](#) column that credits the center's Senior Companion Program with creating a friendship. Veterans Harry Dixon, 93, of Skowhegan; and Ed Morrissey, 85, of Norridgewock, are opposites that developed a close friendship after Morrissey became Dixon's Senior Companion, according to the column. As a Senior Companion, Morrissey has spent the last 11 years being a friend to many elderly people from all walks of life, the article states. "It's a good program — it really is," he said. "It's all free. There's no charge. I think it's one of the best programs in the state for helping people. The philosophy behind the program is, we'd much rather visit people in their own homes and keep them there, versus going to a nursing home."

Haigh quoted in BDN article about national report on suicide rates

11 Jul 2016

Emily Haigh, an assistant professor of psychology at the University of Maine, spoke with the [Bangor Daily News](#) about a recent report from the U.S. Centers for Disease Control and Prevention on the suicide rates among people working in different occupations. The report found people working in the farming, fishing and forestry fields had the highest rate of suicide overall, with 84.5 deaths by suicide per 100,000 people, according to the article. "I think there are a number of factors operating here," Haigh said. "Farmers, fishermen and foresters — they are largely male-dominated professions, and we know that males are more likely to complete suicide. Farmers, fishermen and foresters also probably have more access to firearms. And my other guess is that we're dealing with factors related to isolation." Among those factors is the way many parts of rural Maine are underserved, with respect to mental health care, she said, and the stigma about seeking help that still exists in many places, the article states.

UMaine, Orono startup included in Mainebiz article on growing biobased industry

11 Jul 2016

The University of Maine was mentioned in a [Mainebiz](#) article about companies that make products using renewable biobased resources instead of petroleum-based compounds. Maine's biobased manufacturing sector is composed of several companies including UMaine's Forest Bioproducts Research Institute, according to the article, and Biobased Maine has partnered with UMaine in a grant application to the U.S. Economic Development Administration to create a strategy for expanding the

industry. The Orono-based Revolution Research Inc., a company that focuses on the development and commercialization of eco-friendly products for the construction and packaging industries, also was mentioned in the article. Nadir Yildirim, a graduate of UMaine's innovation engineering program and a Ph.D. candidate in forest resources, is president of the company, which is a spin-off of UMaine's Advanced Structures and Composites Center. "We are using raw materials from the Maine forest," Yildirim said. "This technology is very compatible with papermaking. Maine is a great location for this purpose. This is a really critical innovation."

Press Herald publishes profile on UMaine-led offshore wind project

11 Jul 2016

The [Portland Press Herald](#) published the article, "Risky choices paying off for UMaine's wind project," about the University of Maine-led New England Aqua Ventus I floating offshore wind pilot project. The team, which is led by Habib Dagher, director of the Advanced Structures and Composites Center, made calculated gambles on several innovative strategies, including the unconventional materials used to make the platform and tower, the large scale of the test platform, and the sheltered-yet-stormy location chosen to test them, according to the article. The calculations now are paying off, as the consortium has the most advanced floating technology being developed in the United States, the article states. While almost all of the world's ocean wind projects are made of steel, the Aqua Ventus project is composed of concrete, the Press Herald reported. "No one talked about concrete until we put ours in the water," Dagher said.

UMaine PD reminder: Avoid distracted driving

11 Jul 2016

Now that there have been national and local media reports of people playing the video game Pokémon GO while operating their vehicles, the University of Maine Police Department reminds all that distracted driving is dangerous and potentially life threatening, and is illegal in the state of Maine. The guiding law on failure to maintain control of a motor vehicle is [online](#). For questions or guidance, please call UMaine PD Capt. Robert Welch, 581.4040.

Sigma Nu the site of first responder training, July 11–13

11 Jul 2016

Sigma Nu fraternity house on Munson Road on campus will be the scene of first responder training Monday–Wednesday, July 11–13. Members of the campus community can expect to see personnel from the University of Maine Police and Orono Fire departments on the scene for training sessions in the facility. For more information, contact UMaine PD, 581.4040.

UMaine Extension offers tips for donating extra garden produce

12 Jul 2016

The University of Maine Cooperative Extension offers advice for gardeners who seek to contribute to their community by donating extra produce. Top-quality vegetables are welcome at most food pantries, soup kitchens and homeless shelters. However, UMaine Extension officials suggest gardeners call ahead to find out what types of vegetables are preferred and the best times to donate. Delivering fresh produce, as well as cleaning and bagging it before delivery, will help ensure that it is used, according to the UMaine Extension [publication](#), "A Donor's Guide to Vegetable Harvest." The bulletin also includes information on when to harvest a variety of vegetables for best quality. For those looking to donate produce, Frank Wertheim, an associate professor with UMaine Extension in York County and director of Maine Harvest for Hunger, recommends vegetables and fruits with longer shelf lives. These "keepers" include winter squash, potatoes, carrots, sweet potatoes, onions and apples. Wertheim adds a lot more can be grown and donated depending on timing and the needs of the intended food pantry. He says communicating with the hunger organization to determine its capacity and turnover to recipients is key. Maine Harvest for Hunger is a University of Maine Cooperative Extension program that for the last 15 years has organized gardeners, farmers, businesses, schools and civic groups to grow and donate produce to food pantries, shelters and other food distribution points in the state. Since 2000, Maine Harvest for Hunger participants have distributed more than 2,197,000 pounds of food to residents grappling with hunger. In 2015, record-breaking donations of more than 318,000 pounds of food went to 188 distribution sites and directly to individuals. More about the program, including how to donate or volunteer, is [online](#). Recommendations on where to take food donations for MHH are available by contacting local [UMaine Extension offices](#). For more information about growing and donating crops, contact Wertheim at 324.2814, frank.wertheim@maine.edu; or Kate

Garland, 942.7396, katherine.garland@maine.edu.

4-H livestock work featured in ‘Maine from Farm to Fair’ video

12 Jul 2016

Maine 4-H, a program offered through the University of Maine Cooperative Extension, was highlighted in a recent video produced by the Maine Department of Agriculture, Conservation and Forestry. The video, “[4-H Show Cattle](#),” highlights the Pride family of Limington and their 4-H livestock work. The family, including two youth, prepare their animals for show and market throughout the year. In the video, the siblings talk about the time, physical and emotional investment they make in their 4-H animals, and why the program plays such an important role in their lives. The video is part of the department’s “[Maine from Farm to Fair](#)” series.

Sun Journal reports on Norway resident’s experience at Maine NEW Leadership

12 Jul 2016

The [Sun Journal](#) reported Dori Lynn of Norway, a recent graduate of the University of Maine at Augusta, attended the University of Maine NEW (National Education for Women) Leadership institute in June. Lynn was among 28 undergraduates attending colleges and universities in Maine who participated in this year’s Maine NEW Leadership, an annual six-day student leadership training program for women that aims to educate and empower young leaders. The program is offered through the Margaret Chase Smith Policy Center and is held on campus in Orono with trips to Augusta and Skowhegan. “I’m grateful to have had the privilege of experiencing this amazing life-changing opportunity,” Lynn said. “I developed new leadership skills and established lifelong relationships with my mentors and classmates. It also gave me the opportunity to expand upon my communication, organizational, public speaking and leadership skills.”

Mallory mentioned in Mainebiz article on craft beer industry meeting

12 Jul 2016

[Mainebiz](#) reported members of Maine’s craft brewing industry, politicians and related associations met July 11 at Shipyard Brewing Co. in Portland to discuss boosting the \$400 million annual industry. The meeting aimed to connect the agricultural and craft beer communities to generate economic growth, according to the article. Ellen Mallory, a University of Maine Cooperative Extension specialist and associate professor of sustainable agriculture, was among the guests scheduled to attend, the article states.

MPBN reports on 4-H program for Bethel high schoolers

12 Jul 2016

[Maine Public Broadcasting Network](#) reported on an experimental program for freshmen at Telstar High School in Bethel. On almost every school day, the students are bused to the University of Maine 4-H Camp and Learning Center at Bryant Pond to work on projects from English work to building solar panels and hiking trails, according to the report. The school views the “Telstar Freshman Academy” program as a new way of tackling the state’s new proficiency-based graduation standards, the report states. Ryder Scott, director of the camp, helped create a program combining science, English and humanities through large, community projects, MPBN reported. “In this, the standards are still being met, but through this project that is engaging them, connecting them with the community, giving them hands-on skills that parents and students are starting to realize will really benefit them for their future,” Scott said.

AP cites Jemison in report on applications to grow hemp in Maine

12 Jul 2016

John Jemison, a soil and water quality specialist with the University of Maine Cooperative Extension, was mentioned in an Associated Press report that states only two Maine residents have applied to grow the state’s first licensed crops of industrial hemp. They’re setting off into unknown territory at a time when federal law prohibits commercial hemp cultivation, according to the article. Jemison said he plans to seek a federal Drug Enforcement Administration permit this fall to research hemp cultivation and its potential use as food and cannabidiol oil. He said hemp could succeed as a rotational crop, but it’s tough

creating a new industry. Though timber processing mills could be modified to process hemp, Jemison noted that Maine lacks the infrastructure of a tobacco-producing state like Kentucky. And the next president could always boost federal enforcement, he said. “I don’t think it’s going to hurt us to let somebody else dive in and tell us how deep the water is,” Jemison said. [The Boston Globe](#), Yahoo Finance, San Francisco Chronicle, [Portland Press Herald](#), Maine Public Broadcasting Network and [Sun Journal](#) carried the AP report.

Laatsch discusses latest space news on MPBN’s ‘Maine Calling’

12 Jul 2016

Shawn Laatsch, director of the Emera Astronomy Center and Maynard F. Jordan Planetarium at the University of Maine, was a recent guest on the [Maine Public Broadcasting Network](#)’s “Maine Calling” radio show. The show, titled “News from out of this world,” focused on the latest news from space, including the Juno spacecraft mission to Jupiter, the second discovery of gravitational waves, and the completion of the largest telescope on Earth.

Study examines how perceived closeness of climate change influences opinions

12 Jul 2016

Determining if the perceived proximity of climate change can be manipulated to inspire engagement in the issue is the central focus of a recent study led by a University of Maine researcher. The study adds to growing science and risk communication literature that suggests dimensions of psychological distance can influence attitudes toward environmental policies and behaviors, including those associated with climate change. Laura Rickard, an assistant professor of communication at UMaine, is lead author of the study that was recently published in the journal *Global Environmental Change*. “We have significant scientific evidence that the impacts of climate change are presently being felt around the globe, and even here in Maine,” Rickard says. “Yet, political action on the issue has been challenging, and, on an individual level, many of us, especially here in the U.S., tend to think about climate change as a distant, even irrelevant issue, and thus not something to act on.” In creating experimental messages for participants, Rickard and her team used results from a published 2013 study led by the University of Hawaii at Manoa that presented the concept of departure dates, or the future date after which the climate experienced on Earth will be unlike anything experienced in the recorded past. Rickard worked with communication professors Janet Yang of the University at Buffalo and Jonathon P. Schuldt of Cornell University to further explore the effect of departure dates in relation to climate change communication. The researchers included three departure dates — 2020, 2047 and 2066 — taken from the University of Hawaii at Manoa study with the intention of exploring a possible departure date threshold that might function as most effective in influencing climate change policy support. “Although 2020 may seem the most compelling — and thus, motivational — date given its temporal closeness to the present, it may also induce undesired despair and a sense of helplessness; a challenge previously identified in past climate change communication research,” Rickard says. Participants, who were surveyed in New York state and Singapore, read a brief scenario describing how life in either location would differ when one of the three randomly assigned departure dates are reached. The team found exposure to departure date information in a message about climate change may interact with individuals’ opinions on the issue, including political orientations to influence policy support and risk perception. The results suggest that communicating the temporal urgency of climate change impacts and its spatial location may not always produce intended results among certain audiences, according to the researchers. In particular, Rickard says, exposure to varying departure dates and locations played a significant role in the policy preferences of U.S. conservatives. Political ideology did not play as important a role among Singapore participants or liberal U.S. participants. U.S. conservatives reported the highest level of climate change policy support after reading a scenario that described negative climate change impacts on New York City in 2066 — the scenario that was closest in terms of spatial distance but farthest away in terms of time. “This research sheds light on how we — UMaine Cooperative Extension affiliates, government officials, town planners, citizens, etc. — might be most effective in communicating with the ‘average Mainer,’ especially to encourage support for policies related to climate change mitigation and adaptation, which are of paramount importance to Maine communities,” Rickard says. More research is needed to determine whether framing climate impacts as spatially close and temporally distant may be most effective when appealing to politically conservative audiences, according to Rickard. The researchers plan to explore how the perceptions of psychological distance may be influenced by visual representations of climate change, including images in newspapers; graphs used by scientists for public presentations; or interactive, new technology, such as virtual reality simulations. Contact: Elyse Kahl, 207.581.3747

Hudson Museum contributes to ‘West Mexico’ exhibit in Oklahoma

12 Jul 2016

An archaeology exhibition titled “West Mexico: Ritual and Identity” at the Gilcrease Museum in Tulsa, Oklahoma includes 21 objects from the University of Maine Hudson Museum. The pieces on loan from UMaine and other public and private collections augment the more than 500 figures and vessels from West Mexico that Thomas Gilcrease amassed. Robert Pickering, curator of “West Mexico: Ritual and Identity,” is familiar with the Hudson Museum’s West Mexican ceramics, having conducted research on its collections, says Gretchen Faulkner, Hudson Museum director. The figures from the Hudson are part of the William P. Palmer III Collection. Faulkner adds that West Mexican ceramics are currently featured in the World Cultures Gallery of the Hudson Museum. According to a release from the Gilcrease Museum about “West Mexico: Ritual and Identity,” about 1300 B.C.E., people began living in large towns and small farming hamlets in the western region of Mexico. Towns and villages were designed on a circular plan, which is different from cultures of the central Valley of Mexico, which built square platform pyramids and temples. The circular pyramids were surrounded with a circular plaza, which was encircled by houses and temples on raised platforms. Long, narrow, stone-lined courts indicate inhabitants played a version of the



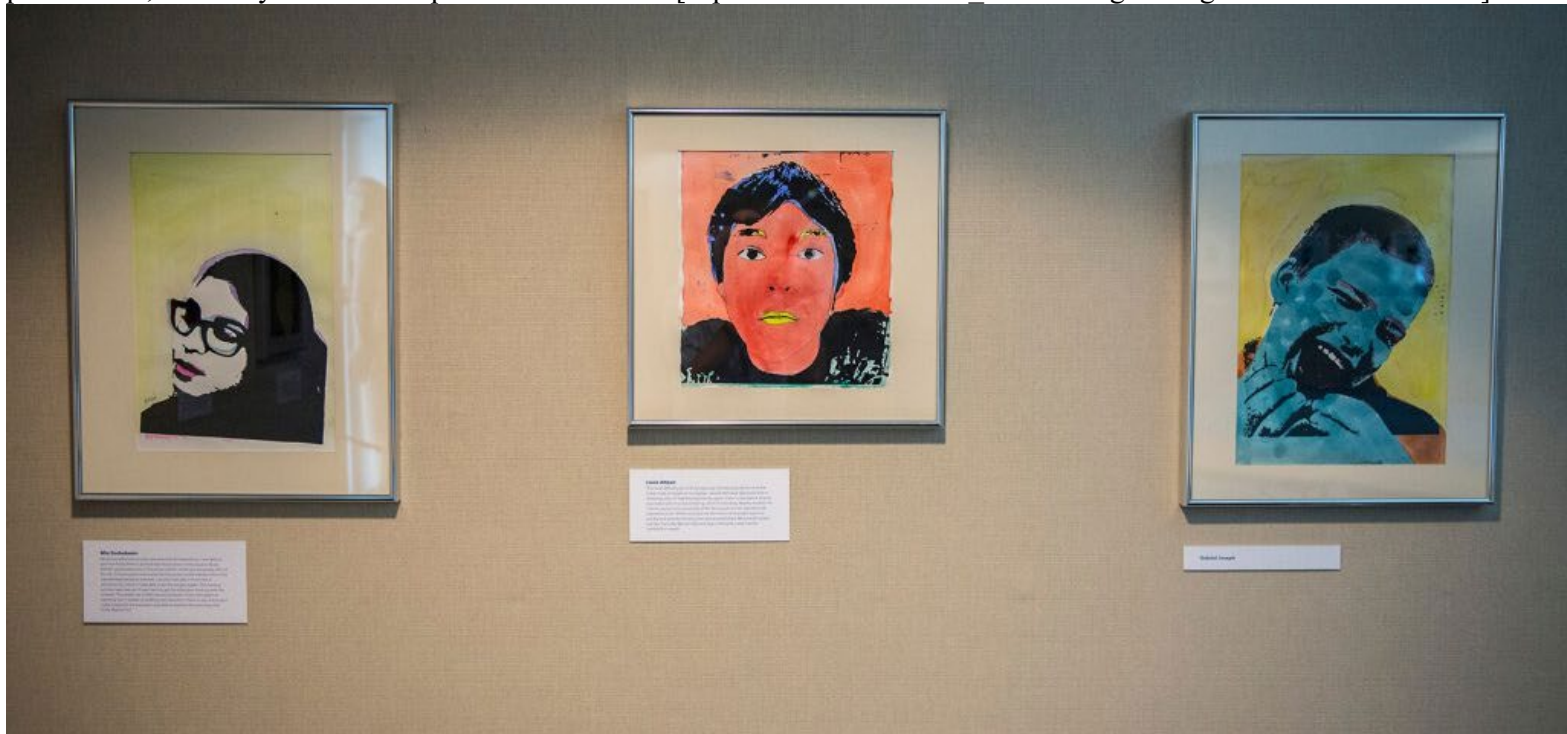
Mesoamerican ballgame that was both sport and ritual. For centuries, people thrived on the region’s ecologically rich and diverse resources. But when Spanish soldiers, adventurers and priests came to the western lands, these cultures were already ancient and the sites had been abandoned, according to a Gilcrease Museum release. In the last 150 years, Mexican farmers have discovered the ruins also include large and deep shaft and tomb complexes. The dead sometimes were accompanied by finely made objects, including ceramic human figures adorned with brightly colored clothing, tattoos and body paint. Archaeologists are seeking to learn more about what the figures indicate about the ancient societies. The exhibition also includes perspectives from contemporary art, art history, anthropology and various materials testing sciences. As is the case with some archaeological research and exhibitions, ethical, legal and authenticity issues are involved and “West Mexico: Ritual and Identity” explores the issues. Contact: Beth Staples, 207.581.3777

Warhol-inspired student self-portraits on display at Hudson Museum

13 Jul 2016

Eighth-graders at the Indian Island School created Andy Warhol-inspired photographic silkscreen self-portraits for their graduation shots. The student pop art productions, along with several Warhol pieces on loan from the University of Maine Museum of Art in Bangor, are on exhibit in the Minsky Culture Lab in Hudson Museum at the University of Maine. Michael

E. Vermette, Indian Island School art teacher, likes that the project engaged youth to decide, based on their character preferences, how they wanted to represent themselves. [caption id="attachment_49996" align="aligncenter" width="825"]



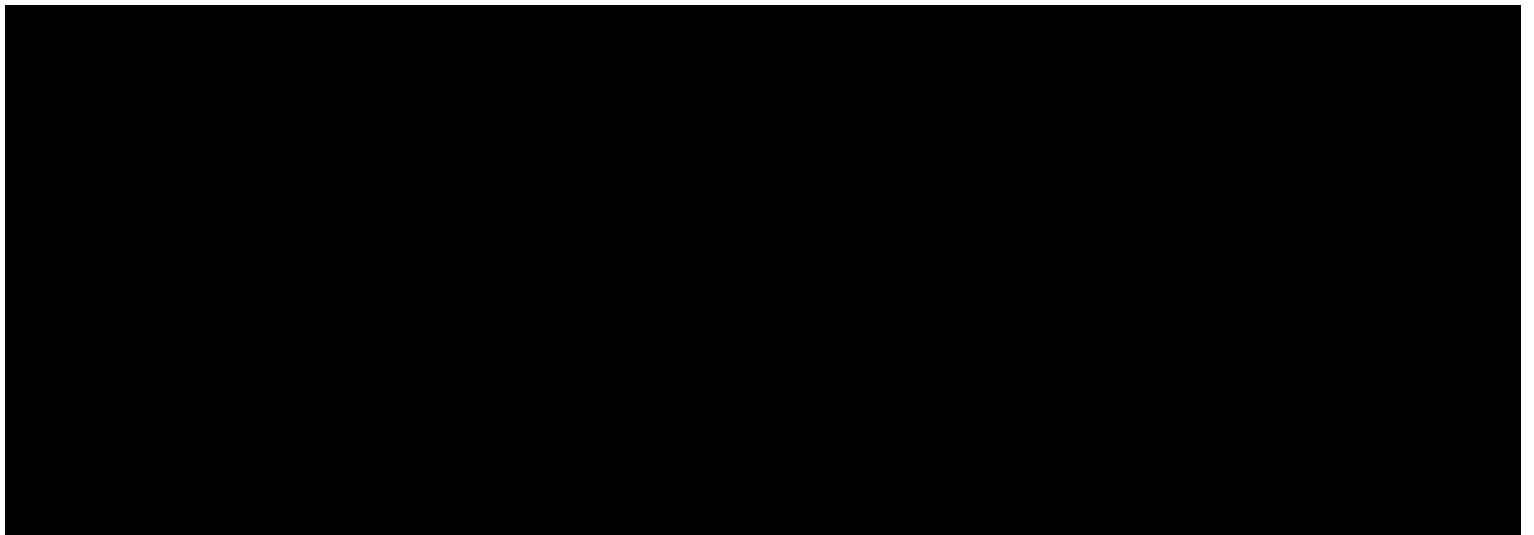
Andy Warhol-inspired photographic silkscreen self-portraits created by eight-graders at Indian Island School.[/caption] “The most rewarding part of this project was seeing the expressions on each of the students’ faces,” he says. “They were really translated into an Andy Warhol print that they created with their own hands and that made them smile.” Students found the endeavor challenging and gratifying as well. “The fun thing...was to experience just how much my portrait looked like me and how I can be in control of the emotions I portray,” writes Apemesim Galipeau. Mia Sockabasin writes that it was empowering to express herself with the same technique that Warhol — who said everyone would be famous for 15 minutes — used to produce portraits of Marilyn Monroe and Jackie Kennedy Onassis. [caption id="attachment_50001" align="aligncenter" width="825"]

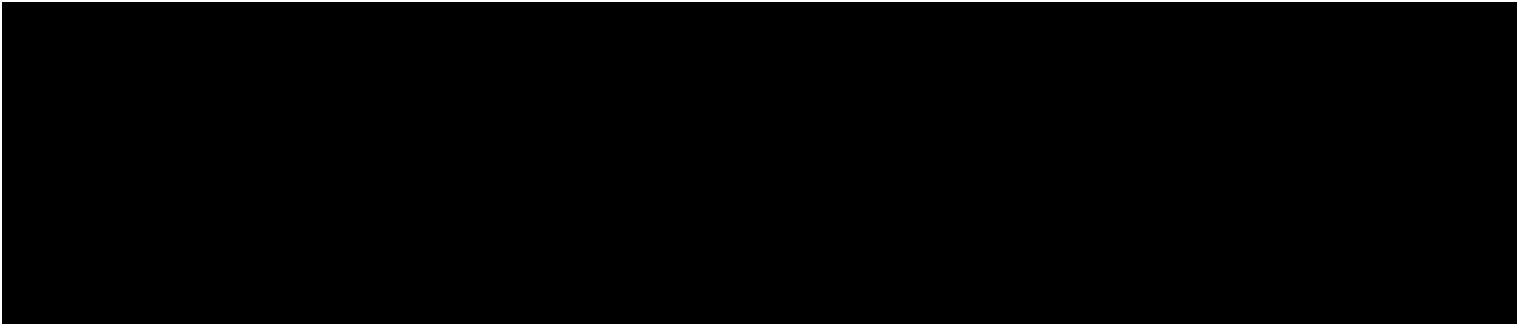


Andy Warhol self-portrait[/caption] Vermette, who earned a BFA in painting from Maine College of Art and a certificate in art education at UMaine, plans to do the project again because of the positive ways it impacted this year's eighth-graders. Jacob Burns, for instance, writes he enjoyed the artistic process and the final result. "I really would not change a thing because I think it looks perfect," he writes. An opening reception for the show, titled "Wabanaki Portraits from the Indian Island School," was held Thursday, July 14. The show will run through the end of August. Hudson Museum hours are from 9 a.m. to 4 p.m. Monday through Friday and from 11 a.m. to 4 p.m. Saturday. Contact: Beth Staples, 207.581.3777

Phong Nguyen: Changing lives is top priority

13 Jul 2016





[Read transcript](#) Phong Nguyen earned a degree in chemical engineering with a concentration in pre-medical studies and a minor in chemistry from the University of Maine. The Vietnamese native hopes to one day use his passion for health care and fitness to make a difference back home. This fall, he will be pursuing a doctorate degree in biomedical engineering at the University of Rochester. As an undergraduate student, Nguyen was deeply involved in the International Student Association at UMaine and worked as a personal trainer at the New Balance Student Recreation Center on campus. Nguyen says attending UMaine was a blessing that helped him grow academically, personally, socially and culturally.

Transcript

Phong Nguyen: My major is in chemical engineering with double minors in pre-medical studies and chemistry. I've always had this passion for health-related fields. *[background music]* I want to somehow see my work translate to impact people, to change people life for the better. To have that chemical engineering aspect as a major and have pre-medical studies, I can focus my future career into biomedical research to come up with invention to have something meaningful, and so about 30 years from now, when I look back, I can say, "Yeah, Phong make something that can save people's life." My family is from Vietnam and I grew up there for 18 years. In my senior year in high school, I applied to school here at the University of Maine. I got accepted. Here I am today after five years. *[crowd singing]* International Student Association is a group of students from all over the world. We have about 200 members and we have weekly events called coffee hour in the North Pod where people get together. We share food and we talk about what we have been doing. It's a place for people where they feel like they belong and where people that have been here longer than other people can take their hands and help others to assimilate, to experience the American culture. You want to keep that knee together. That's good. That's it. Perfect. I have been a personal trainer here for the past year. I'm mostly training on a one-on-one basis. The field of fitness has always been important to me. I've grown up playing and loving the game of soccer. One more, captain. **Man 1:** One more, captain. **Phong Nguyen:** I always had a competitive edge in me. To be able to see people, to help people, to see them achieve what they come to me, it brings me joy. To see them struggle through that daily workout, to see them struggle through their challenges to get where they want to be and for me to be a part of their journey, it's very important to me. They say my name as their trainer loudly and proudly. This is the most rewarding. Nothing can be exchanged for that experience. Being here is a blessing for me. I have a good life here. I get to know people from different cultures. It's opened up my perspective. My experience working with the International Student Association with Res Life, to be on campus, it gave me the idea that everyone here has their values and tradition embedded in them. It take time and effort for us to understand to learn from these people and it has widened my knowledge. It keeps me open minded, and helped me grow so much and learn so much, not only academically, but personally, socially and politically. For next year, I have been accepted to the Department of Biomedical Engineering at University of Rochester, so that's where I'm going to do my bioresearch and get my Ph.D. degree in the next five years. My ultimate goal would be come back to Vietnam and see, again, the impact I will bring on to people, the education and experience I have in here, bring it back, and change peoples lives. [Back to post](#)

Faculty to participate in Penobscot Theatre Co. forum on 'Transformer Tales'

13 Jul 2016

Several University of Maine faculty members are scheduled to take part in a Penobscot Theatre Co. forum to promote community conversation around Native stories of the past, present and future. The July 18 event will be held from 6:30–8 p.m. at the Bangor Opera House to discuss the collaborative project, "Transformer Tales: Stories of the Dawnland." The original play, which focuses on Wabanaki culture and was created by local Wabanaki artists, will be performed during the theatre's summer educational program for local students, according to a Penobscot Theatre Co. release. The July 18 panel will include Assiniboine playwright William S. Yellow Robe, Jr., UMaine's fall 2016 Visiting Libra Professor in English and Theatre; Margo Lukens, a UMaine English professor who teaches courses in Native American literature and has produced and directed Native plays; as well as Carol Dana and Donna Loring of the Penobscot Nation. Lukens will lead the conversation, which also

will include some audience Q&A. The event is free and open to the public. More about “Transformer Tales” is [online](#).

Newspaper donates to Hutchinson Center, Republican Journal reports

13 Jul 2016

[The Republican Journal](#) reported its parent company, Courier Publications LLC, has donated \$7,337.88 to the University of Maine Hutchinson Center in Belfast. The donation will go toward the center’s scholarship fund, according to the article.

Fried writes opinion piece for Huffington Post

13 Jul 2016

[The Huffington Post](#) published an article by Amy Fried, a political science professor at the University of Maine. The article, “Looks like email non-indictment was a polling non-event,” focused on the recent announcement that the FBI would not be filing an indictment against Hillary Clinton for the way she handled State Department emails.

Ph.D. student, report cited in Press Herald article on lobster catch locations

13 Jul 2016

The [Portland Press Herald](#) reported that while Maine’s largest fishery brings in more than \$500 million a year and employs tens of thousands of people, there is no map that shows where lobstermen trap their catch. This lack of data can be harmful for regulatory agencies responsible for permitting nonfishing activities in the Gulf of Maine, such as wind farms or mining operations, according to the article. The Island Institute, a nonprofit group based in Rockland that represents the interests of Maine’s island and more remote coastal communities, has issued a report on the “spatial characterization” of the lobster fishery, or what a map of the industry would look like if such a map existed, the article states. As fishermen move offshore, coastal fishing patterns will change, said report co-author Samuel Belknap, a former lobsterman who is now a Ph.D. student pursuing a degree in anthropology and environmental policy at the University of Maine. “Every fisherman knows that change is the one thing you can count on most,” Belknap said. “If federal regulators want to know what’s going on, and they should want to know that, you need to talk to the people who know every fishing community. It’s a place-based fishing industry. How it works in Cushing will be different than how it works in Bristol. It’s not a one-size-fits-all kind of industry.”

Indian Country Today names UMaine one nation’s best universities for Native students

13 Jul 2016

The University of Maine was named one of the country’s best universities for Native students by Indian Country Today Media Network. UMaine was one of five institutions to be included in the publication’s annual national listing of colleges and universities that offer support and scholarships for Native students. UMaine offers tuition waivers for Native students who are residents, or who establish residency by living in the state for at least one year, according to the article. The program “provides Native college students an opportunity to acquire a quality education in one of the United States’ most beautiful states. And UMaine offers some great degrees, such as forestry,” the article states. John Bear Mitchell, Wabanaki Center Outreach and Student Development Coordinator at UMaine and University of Maine System Native American Waiver Coordinator, estimated that in the 14 years he has managed the tuition waiver program, about 800 students have participated. “This past year, students from 23 tribes were in the program,” he said, adding they came from as far away as Alaska and California.

Companies with UMaine ties advance in Greenlight Maine, MaineBiz reports

13 Jul 2016

Greenlight Maine, an entrepreneurial pitch contest with a \$200,000 prize, has named 26 semifinalists for its second season, according to [MaineBiz](#). Greenlight Maine is a product of Portland Media Group, a custom content and production company founded by Corcoran; Nat Thompson, former president of Maine Radio and Television Co. and former owner/producer at WCSH (Channel 6 in Portland); and Con Fullam, an executive TV producer and music composer, the article states. Among the semifinalists are Lobster Unlimited, with Cathy Billings and Bob Bayer of the University of Maine’s Lobster Institute; Mobility Technologies, led by UMaine engineering alumnus Ryan Beaumont and created in collaboration with UMaine professors Stephen Gilson, Liz DePoy and Vince Caccese; and Tip Whip, founded by recent UMaine graduate Spencer Wood.

Greenlight Maine runs statewide on WCSH (Channel 6 in Portland) and WLBZ (Channel 2 in Bangor) at 7:30 p.m. Saturdays beginning Sept. 24. Semifinalists will receive mentoring from media and marketing executives, as well as receive extensive promotion across television, print, social and digital media, MaineBiz reported.

Settele, Mandela Fellow recent guests on Pulse Morning Show

13 Jul 2016

Jim Settele, chief of staff at the University of Maine, and Mandela Fellow Dennis Munuve were recent guests on [The Pulse Morning Show](#) (WZON AM 620). Munuve, of Kenya, is one of 25 emerging public management leaders from Sub-Saharan Africa that are visiting UMaine for a six-week academic and leadership institute, sponsored by the U.S. Department of State. UMaine was selected as one of 37 institutions nationwide as partners with the Mandela Washington Fellowship for Young African Leaders. A podcast of “The Situation Report” interview with Settele and Munuve is [online](#).

Youth invited to dive into science at Maine Discovery Museum Camp

14 Jul 2016

The Maine Discovery Museum (MDM) has partnered with Maine EPSCoR (Experimental Program to Stimulate Competitive Research) to deliver a top-notch summer science camp program so children ages 4–12 can dive into aquatic science up to their elbows. Spots are available in the Week 5 camps, which run July 18–22. Underwater Adventures is offered for Level 1 (ages 4–6) and Creep into the Deep End is for Levels 2 (ages 7–9) and 3 (ages 10–12). In Underwater Adventures, children will be immersed in science and play as they learn about Maine’s oceanic and freshwater creatures, while Creep into the Deep End campers get to experience aquatic life at the museum and in the field. Campers will spend a day on Holbrook Island, one of Maine’s natural wonders and off-the-beaten-path nature preserves. Holbrook Island is only accessible by boat and Maine Maritime Academy will give campers a ride. MDM and Maine EPSCoR will introduce children to one of Maine’s largest sustainable ecological efforts — aquaculture. Through Skype sessions, campers also will get a chance to interact with scientists in the field — researchers from a Gulf of Florida project. Maine EPSCoR’s latest project, SEANET (Sustainable Ecological Aquaculture Network), works toward educating the general public about the bounty that lies beneath the surface of the water. Through the MDM Summer Camps, children will get to touch, handle and examine creatures native to the state’s waters and learn about where they live, what they eat, how they grow, how different creatures’ life cycles interact and depend on one another, and what everyone can do to preserve and protect the ocean. The camps are designed for children fascinated by nature. The goal is to foster that fascination and to teach them something new about the life that exists in their backyards, just below the surface. Maine EPSCoR and the Maine Discovery Museum are advocates for early education in science, technology, engineering, and mathematics (STEM) and want to give children the opportunity explore these fields with all of their senses. STEM education at the Maine Discovery Museum is about inspiring children through interactive learning to spark and foster lifelong curiosity. For sign-up information, call the Maine Discovery Museum at 207.262.7200 or [visit the museum’s website](#). Contact: Andrea Littlefield, 207.581.2289

Campus building to be taken down this summer

14 Jul 2016

The Sigma Nu fraternity house on Munson Road is expected to be taken down beginning after July 19 and continuing into early August. The site will be prepared as a parking lot for the time being. Sigma Nu is a valuable part of the University of Maine’s history, and the gift of the property by the Sigma Nu’s Housing Corporation is much appreciated. Sigma Nu’s long history and tradition at UMaine will not be forgotten.

Downtown Maine photography exhibit to open July 22 in Lord Hall Gallery

14 Jul 2016

The Lord Hall Gallery at the University of Maine presents an exhibition of the rich and compelling photographs of Heath Paley. “Picturing Downtown Maine,” which runs from July 22 through Sept. 23, includes a selection of large-scale photographs that paint a portrait of Maine’s community life. The images, created between 2009 and 2014, come from a process of collecting photographs as sketches — as would an en plein air painter — and then bringing to life a vivid, collective image of a particular place through the coming together of individual photographs. Paley collects and layers individual digital photographs, isolating “sections of the overall photograph to accentuate contrast and color, thereby giving them an increased

significance.” He sees the pixels that make up individual images as “open to interpretation,” as something to be enhanced, altered or eliminated. The slow process of working with each photograph gives Paley time to “shape its subtext as well as its surface, much like a writer following characters toward resolution.” Paley lives in Portland. He earned a master of arts degree at Northeastern University and a master of fine arts degree at Emerson College in Boston. He has won awards for his cumulative photographs and has been exhibited widely. Paley’s work is held in the collections of the Portland Museum of Art and the Saco Museum. An artist’s reception is scheduled from 5:30–7 p.m. Friday, Sept. 9. 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. “Picturing Downtown Maine” was created in association with the Maine Arts Commission’s Art in the Capitol program.

Maine Edge reviews new audio DVD produced at IMRC Center

14 Jul 2016

[The Maine Edge](#) published a review of “4 Contemporary Sound Poets,” a new audio DVD produced at the University of Maine’s IMRC Center. The DVD includes sound poetry by Tomomi Adachi, a noted Japanese artist and performer; Owen Smith, a new media professor and director of the Intermedia MFA program at UMaine; Duane Ingalls, an experimental musician and teacher from Machias; and Jaap Blonk, a Dutch-born performance artist who has been performing sound poetry for nearly 30 years, according to the article. The DVD was produced by Duane Shimmel and N.B. Aldrich of the IMRC Center and engineered by Shimmel, the article states.

Trostel quoted in Mount Desert Islander article on Jackson Lab wage increase

14 Jul 2016

University of Maine economist Philip Trostel spoke with [Mount Desert Islander](#) for an article about Bar Harbor’s Jackson Laboratory announcing it would raise its lowest wage for full-time workers to \$15 per hour. Trostel said raising the starting wage will give the lab “the pick of the litter” when it comes to attracting workers, but added the lab “has always been a pretty good place to work.” During the recent recession, workers at the lowest end of the wage scale were hit the hardest, Trostel explained. More money in people’s pockets should “improve the economic prospects of the region,” the article states. “Overall, upward pressure on wages should be seen as a positive,” Trostel said. “It means the economy is doing well.” Trostel also spoke with the [BDN](#) for an article on the wage increase, and [Mainebiz](#) cited the BDN interview.

Jackson speaks about small farming on MPBN’s ‘Maine Calling’

14 Jul 2016

Tori Jackson, an associate professor of agriculture and natural resources with the University of Maine Cooperative Extension, was a recent guest on the [Maine Public Broadcasting Network](#)’s “Maine Calling” radio show. The show focused on what it takes to make a living as a small farmer in Maine.

WABI reports on Warhol-inspired student art at Hudson Museum

14 Jul 2016

WABI (Channel 5) reported on the University of Maine’s Hudson Museum exhibit, “Wabanaki Portraits from the Indian Island School.” The exhibit features Andy Warhol-inspired photographic silkscreen self-portraits created by eighth-graders at the Indian Island School. Several Warhol pieces on loan from the University of Maine Museum of Art in Bangor also are included in the exhibit which runs through August. “It’s kind of like what Warhol said himself with the 15 seconds of fame — that whole concept of famous photographs — kind of like the Kardashians today. Marilyn Monroe was that kind of figure back then,” Michael E. Vermette, an art teacher at Indian Island School, told WABI. “So that’s what we were trying to do; is have them take a look at their portrait and their fame, and I think seeing themselves in a museum — we’re hoping they’re going to have that impact.” An opening reception for the show will be held 5–6:30 p.m. Thursday, July 14.

MPBN interviews Rickard about climate change communication study

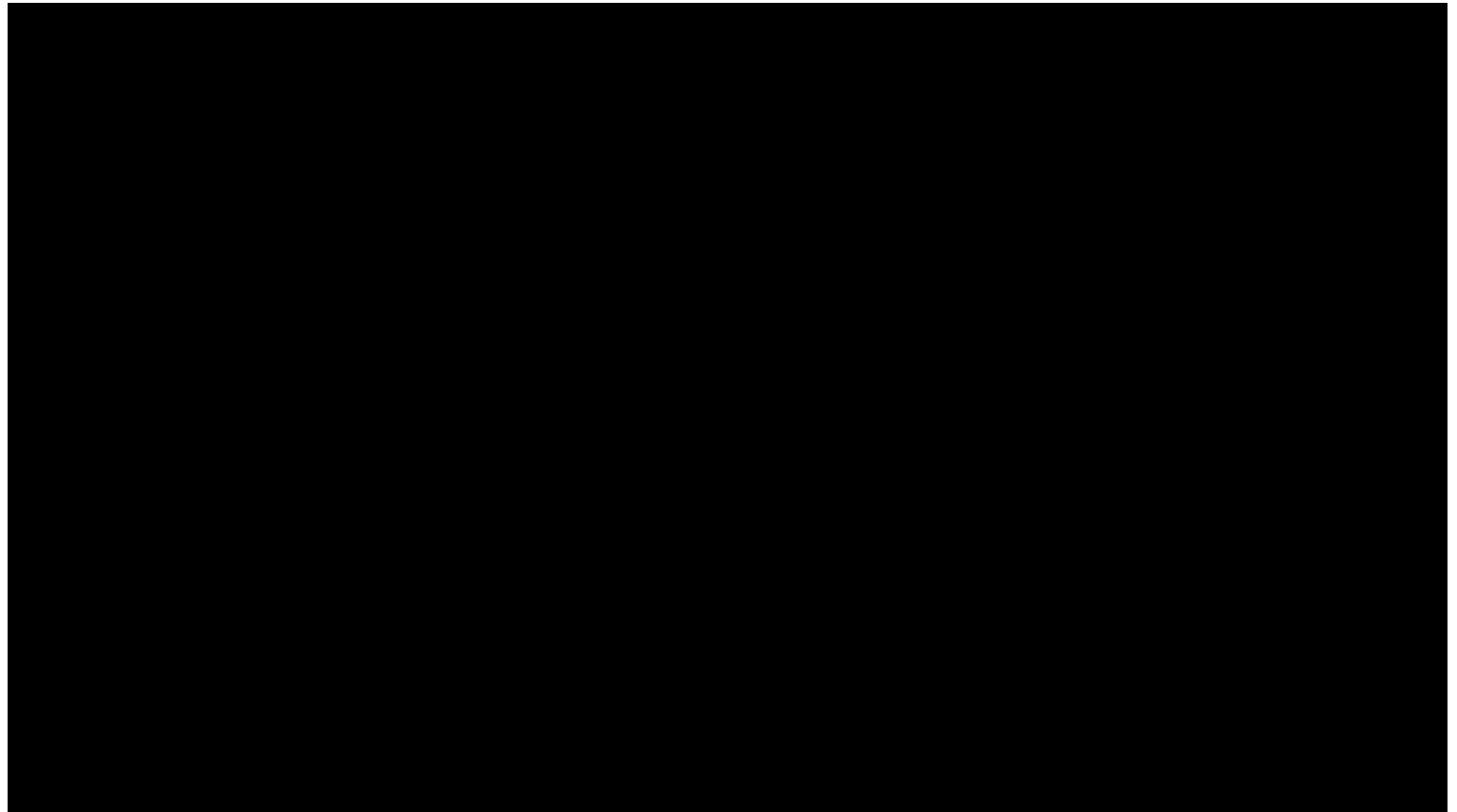
14 Jul 2016

The [Maine Public Broadcasting Network](#) spoke with Laura Rickard, an assistant professor of communication at the University

of Maine, about her recent study on climate change communication. The research, which was published in the journal *Global Environmental Change*, aimed to determine if the perceived proximity of climate change can be manipulated to inspire engagement in the issue. For the study, about 400 participants from New York and Singapore read a scenario describing how life in either location would differ when one of the three randomly assigned departure dates — 2020, 2047 and 2066 — are reached. A departure date is the future date after which the climate experienced on Earth will be unlike anything experienced in the recorded past. “What we found in particular is that just telling people this message — talking to them about the impacts in either Singapore or New York City in a particular year — didn’t have much of an effect on perceptions of risk about climate change or support for policy,” Rickard said. “What really mattered however, is political ideology, and it mattered the most among U.S. conservatives.” U.S. conservatives reported the highest level of climate change policy support after reading a scenario that described negative climate change impacts on New York City in 2066 — the scenario that was closest in terms of spatial distance but farthest away in terms of time. [Phys.org](#) also published the UMaine news release on the study.

Community: Maine's potential is our purpose

14 Jul 2016



How do we innovate to prepare for the 21st century? To promote health and well-being, enhance education, and engage communities to satisfy society’s greatest needs? See how the state’s only public research university is helping Maine prepare for tomorrow by turning knowledge into solutions.

Longtime UMaine professor Dick Hill passes away

14 Jul 2016

The [Bangor Daily News](#) reported Richard “Dick” Hill has passed away at the age of 97. Hill was professor emeritus of mechanical engineering and director emeritus of the Department of Industrial Cooperation at the University of Maine, where he taught for 46 years. Funeral plans are pending at Brookings-Smith’s Orono Chapel, according to the article. “Dick was the quintessential public research university professor — an exceptional educator, extraordinary innovator and visionary and ultimate citizen of the world, determined to make society better for all,” UMaine President Susan Hunter said. “He was one of the pillars of the UMaine College of Engineering, helping make it the outstanding program it is today. “Dick was a larger-than-life legend who influenced generations of UMaine students and made a difference in the lives of Maine citizens. His legacy will live on in the countless lives he touched and the good work he did. Our thoughts and prayers are with his family and

colleagues.” Hill was interviewed by the [BDN](#) in May for a feature article about his accomplishments and legacy. WABI (Channel 5) also reported on Hill's passing and [The Ellsworth American](#) published an editorial in his memory.

Hart's higher education, sustainability paper cited in SSPP Blog

15 Jul 2016

[SSPP Blog](#), the weekly blog of the journal Sustainability: Science, Practice, & Policy, cited a paper by David Hart, director of the Senator George J. Mitchell Center for Sustainability Solutions at the University of Maine. Hart's article, “Mobilizing the power of higher education to tackle the grand challenge of sustainability: Lessons from novel initiatives,” was originally published in [Elementa: Science of the Anthropocene](#). The SSPP Blog post, “Universities in Transition,” also cited “Sustainability science graduate students as boundary spanners,” which was published in the [Journal of Environmental Studies and Sciences](#). The article was written by doctoral students through the interdisciplinary Sustainability Solutions Initiative at UMaine.

Ph.D. student's spruce grouse research focus of BDN column

15 Jul 2016

Research being conducted by Joel Tebbenkamp, a University of Maine Ph.D. student in the Department of Wildlife, Fisheries, and Conservation Biology, was featured in the [Bangor Daily News](#) article, “Why are spruce grouse declining in the Northeast? Study aims to find out why,” by Bob Duchesne, vice president of Maine Audubon's Penobscot Valley Chapter. The mission of Tebbenkamp and his team is to put radio collars on spruce grouse in the North Woods and visit them often to get a sense of how they use the forest, according to the article.

Inside Higher Ed cites Allan in report on U.S. Senate committee hearing

15 Jul 2016

Elizabeth Allan, executive director of StopHazing.org and professor of higher education at the University of Maine, was cited in an [Inside Higher Ed](#) report on a recent hearing of the U.S. Senate's Health, Education, Labor and Pensions (HELP) Committee. Allan provided expert testimony as part of the roundtable discussion, “Campus Safety: Improving Prevention and Response Efforts.” About 55 percent of college students involved in clubs, teams and organizations experience hazing, Allan said.

Crittenden, graduate intern write BDN article on resources for raising grandkids

15 Jul 2016

Jennifer Crittenden, assistant director of the University of Maine Center on Aging, and Lisa Scofield, a graduate intern at the center, wrote an article for the [Bangor Daily News](#) titled, “If you're taking care of your grandkid, you're not alone. Here are 8 resources to help.” Grandfamilies — families where a grandparent has stepped in to care for a child — are increasingly common, a response to the widespread impact of substance abuse, incarceration and mental illness in the country, according to the article. The authors shared local resources and information to support those caregivers, especially since many struggle with depression, anxiety and even guilt about the circumstances that have led to their caregiving, the article states.

Birkel quoted in Down East article about summer of 1816

15 Jul 2016

Sean Birkel was cited in an article about the cold summer of 1816 titled “Weather Patterns” in the July issue of [Down East](#) magazine. The “year without a summer” 200 years ago was near the end of the Little Ice Age and Mount Tambora in Indonesia erupted, releasing ash that resulted in a “volcanic winter.” In Maine, it snowed 9 inches in June in Madawaska and crop failures reportedly caused food shortages. Birkel, the Maine state climatologist and University of Maine research assistant professor with the Climate Change Institute, said it's highly likely Maine will experience another abnormally cold summer because the Northeast is vulnerable to the effects of volcanic eruptions in the tropics, Iceland and the Aleutian Islands. But, he said, the effects of a freakishly cold summer “probably wouldn't be as devastating today” since much of the food Mainers eat comes from other destinations.

Small grain, cover crop meeting at UMaine Aroostook Farm

18 Jul 2016

University of Maine Cooperative Extension will sponsor a small grain and cover crop informational meeting 6–8 p.m. Tuesday, July 19 at UMaine’s Aroostook Farm. Participants will meet at the UMaine Extension office, 57 Houlton Road, Presque Isle, and travel to the site. Presenters will discuss topics, including malt barley varieties, disease census of Maine small grains, cover cropping, managing grain protein, alternative crops, crop insurance and United States Department of Agriculture (USDA) programs. Scheduled speakers include staff from UMaine Extension, the Maine Potato Board, and the USDA’s Farm Service Agency and Risk Management Agency. The event is free; registration begins at 5:30 p.m. For more information or to request a disability accommodation, contact Andrew Plant at 764.3361, aplant@maine.edu. More information also is [online](#).

UMaine Extension bulletin cited in Delawareonline report on storing produce

18 Jul 2016

[Delawareonline](#), the homepage of The News Journal in Delaware, cited a University of Maine Cooperative Extension bulletin in the report, “8 ways to make your farmers market goods last.” In the online [resource](#), “Storage Conditions: Fruits and Vegetables,” UMaine Extension shares recommendations on how to store specific produce at certain temperatures. UMaine Extension states most fruits thrive in cooler environments near the back of the refrigerator at between 30 to 32 degrees Fahrenheit, while green beans and cucumbers should be placed in slightly warmer areas that are closer to 40 F, such as near the door, according to the report.

Lancaster Farming advances pasture management session in Rockport

18 Jul 2016

[Lancaster Farming](#) reported Aldermere Farm in Rockport will hold pasture management sessions 8:30 a.m.–4 p.m. Saturday, July 30. Participants will learn about grazing basics, record keeping, plant identification, production measures and teaching animals to eat weeds, according to the report. Richard Kersbergen, a University of Maine Cooperative Extension educator on sustainable dairy and forage systems, is scheduled to speak at the event, the report states.

Brewer quoted in Morning Sentinel report on 2nd District race

18 Jul 2016

Mark Brewer, a political science professor at the University of Maine, spoke with the [Morning Sentinel](#) for the article, “Unpredictable presidential race may swing outcome of Maine’s 2nd District.” Changes in voter turnout and demographics, fueled by the race presidential between Donald Trump and Hillary Clinton, could be a deciding factor in the contest for Maine’s 2nd Congressional District — a rematch of the 2014 race, in which Republican Bruce Poliquin defeated Democrat Emily Cain, according to the article. “Any time you’re talking about the biggest race in the country, which the presidential race is, without a doubt, it impacts all of the races that come below it to a certain degree,” Brewer said, adding it’s important for voters to know a candidate’s stance on the presidential race, but many Republicans run the risk of alienating potential groups of voters.

UMaine researchers mentioned in BDN article on Acadia National Park

18 Jul 2016

University of Maine researchers were mentioned in the [Bangor Daily News](#) article, “How Acadia National Park may adapt to changes in the future.” Acadia National Park biologist Bill Gawley monitors air and water quality in the park, and for the past three years has worked with UMaine researchers on the Jordan Pond Buoy Project, according to the article. Anchored at the north end of the pond, the \$20,000 buoy collects a range of data about water quality and weather, the article states. A big part of the project is learning more about the pond’s remarkably clear water — understanding why it’s so clear and how that clarity might change in the future, the BDN reported.

Stancioff speaks about citizen science on MPBN’s ‘Maine Calling’

18 Jul 2016

Esperanza Stancioff, an educator with Maine Sea Grant and University of Maine Cooperative Extension, was a recent guest on the [Maine Public Broadcasting Network](#)'s "Maine Calling" radio show. The show focused on citizen science and the valuable data on wildlife, water quality and climate change that volunteers collect.

UMaine-led offshore wind project featured in Renewable Energy article

18 Jul 2016

The University of Maine-led New England Aqua Ventus I floating offshore wind pilot project was profiled in the [Renewable Energy](#) article, "Are floating turbines the future of wind energy?" There are currently dozens of pilot projects testing floating turbines — which consist of a wind turbine mounted on a buoyant structure — capable of generating electricity in depths where fixed towers could not be placed, according to the article. The New England Aqua Ventus project will be comprised of two 6-megawatt turbines placed in the waters off Monhegan Island. It boasts a floating hull design, which was tested on a 1:8 scale prototype called VoltturnUS, the article states. The project is backed by a consortium of partners, including French defense company DCNS and construction contractor Cianbro.

UMaine to host Northeast Agricultural and Biological Engineering Conference

18 Jul 2016

Editor's note: Story updated Aug. 1. Promoting engineering as it relates to agriculture, biology and related applications is the focus of a multiday conference to be hosted by the University of Maine. About 75 participants are expected to attend the Northeast Agricultural and Biological Engineering Conference (NABEC) from July 31–Aug. 3 on the Orono campus. NABEC, part of the American Society of Agricultural and Biological Engineers (ASABE), is a community covering the northeastern United States and eastern Canadian provinces. This year's conference theme is sustainable agriculture and renewable energy. UMaine faculty members, graduate and undergraduate students are expected to attend, along with researchers from other universities, as well as engineers and science professionals from the private sector and government agencies. Although the majority of NABEC attendees are ASABE members; nonmembers also are welcome to participate. Keynote addresses will be made Monday, Aug. 1 by Ed Ashworth, dean of the College of Natural Sciences, Forestry, and Agriculture; and Habib Dagher, executive director of UMaine's Advanced Structures and Composites Center. The conference will include research presentations, a student poster competition, panel discussions and tours of UMaine facilities, including the Advanced Structures and Composites Center. Trips also will be made to the Howland Dam fish bypass, where recent work was completed as part of the Penobscot River Restoration Project; and Exeter Agri-Energy, a renewable energy company that converts animal and food waste into heat and electricity, as well as other environmentally responsible products. Balunkeswar Nayak, an assistant professor of food science at UMaine, is co-hosting this year's conference with Dan Baumert, a state conservation engineer with the USDA Natural Resources Conservation Service in Bangor. "The conference provides a forum for the open discussion of all matters relating to the relationships among agricultural and biological engineers in a professional but relaxed setting," Nayak says. The annual conference began in 1925, according to the NABEC website. This year marks the sixth time UMaine has hosted. NABEC was last held in Orono in 1984. Conference organizers collaborated with UMaine Conference Services to plan the event. More about NABEC, including [registration](#) and a conference schedule, is online. For additional information about the conference, contact Baumert at dan.baumert@me.usda.gov, 990.9555; or Nayak at balunkeswar.nayak@maine.edu, 581.1687.

Noelle Leon-Palmer: Biology major, athlete examines science of love in honors thesis

18 Jul 2016

Recent graduate Noelle Leon-Palmer says the University of Maine provided her a rewarding college experience in the classroom studying biology and writing an honors thesis, as well as on the field as a member of the women's soccer team. Leon-Palmer, of Ajax, a town in Ontario, Canada, graduated in May with a bachelor's degree in biology and honors. "These past four years have been amazing," she says. "I feel like I have a really well-rounded school experience and also a very well-rounded soccer experience. I feel like I'm so ready for anything the world is going to throw at me in the future. I loved these past four years here." She joined the Honors College in the second semester of her first year after learning about the program from her coach. "The Honors College — well my definition — is a very liberal way of learning about a whole broad range of topics. We go from philosophy to biology, a little bit of chemistry; we did genetics at one point," she says. Leon-Palmer, who

aspires to be a physician, says she enjoyed having small, discussion-based classes with peers studying different majors. “There’s no class where it’s all biology majors — you’ll have an engineering major, a math major, a bio major — and you’ll get so many different perspectives of one book or one topic; and it’s awesome, you learn so much from it,” she says. Leon-Palmer recently accepted a position as honors associate in the Honors College. The one- to two-year job includes editing and writing for the college’s publication *Minerva*, co-teaching an introductory course on thesis writing, acting as a liaison between students and their thesis advisers, and helping students navigate their first years in the program. Since graduating, Leon-Palmer has taken the MCAT (Medical College Admission Test) in anticipation of applying to medical schools. She also plans to spend her weekends volunteering at Eastern Maine Medical Center in Bangor.

Why did you choose to study biology? I would like to be a physician when I am older, and I thought biology would be a good first step. I have a great passion for biology. I think the synchrony of nature and especially of the human body is remarkable. Studying it has been a pleasure.

Why did you join the Honors College? I love reading and writing. I heard the Honors College program is both reading and writing intensive, and I was sold. I also heard the Honors College is focused on small, class-based discussion, and I thought that was very neat. It was a very liberal arts method of learning. Furthermore, I was afforded the opportunity to read a lot of the classic books that I otherwise wouldn’t have the chance to read. I feel like people don’t really get the opportunity because they’re forced to read chemistry and biology and that’s it. So it’s hard to take the time to be able to read Plato or [Francis] Bacon.

Describe your honors thesis: My thesis explores the physiology, neurobiology and endocrinology of love; basically all of the nonromantic stuff. I tried connecting the sciences and humanities by writing a creative piece and then lacing the science content into the story. One reason for formatting my thesis this way was to make it a learning tool for people that do not have a science background, but have trepidation toward the harder topics like neurobiology, physiology and endocrinology. Basically my goal was to make science more accessible. The narrative surrounds a girl named Clara. She is 21, and the story goes through her falling in love, getting heartbroken and then finding a way to heal herself. I also go into puberty and development a little bit. Throughout the narrative, I weave the science into the story as each of the events in Clara’s life occur. I based all of the science on research that is already out there on the science behind love — and there is a ton. People may not be aware, but love is an essential part of life and the feelings that are associated with love are able to be explained by science.

Would you recommend the Honors College to other students? I would recommend it to anybody who has a chance to do it. It covers all the general education requirements in the first two years, which is amazing. And then you get to focus on the things you really want to focus on. Having a discussion-based class is such a privilege to be able to hear what other people are thinking. When you have these lecture halls full of like 200 kids, you get to listen to the professor and it’s awesome, but you don’t get to really interact with the other students, and I think that’s really important. I definitely feel like more of a well-rounded person because of honors; because I’ve met and been able to interact with so many different people. And of course, the opportunity to do a thesis in your undergrad; not many people get that opportunity.

What are you looking forward to in your new role within the Honors College? I’m very excited about the position. I wanted the job as the honors associate because [as a student] I was able to witness firsthand the impact that the honors associates can have on the honors experience. I think it’s such a privilege to be that person next year. I want to make the honors journey amazing for as many students as possible.

What are the challenges and benefits of being a student-athlete? The benefits are plenty in terms of the knowledge and the mental toughness that I have acquired. I have learned things like time management, leadership skills, how to work in teams. Furthermore, I have learned how to push my body and my mind. I think the skills that I learned through being a student-athlete have made me a much tougher person. The challenges are also plentiful. Managing your time and your sleep can be difficult, along with managing your body and mind to not become too stressed or tired. Other challenges become things like school; finding time to accomplish all of your work on time. And when you miss school — because of events or games — having to catch up can be hard as well. But honestly, the rewards outweigh the challenges.

Why UMaine? I live in the city, and I wanted something different for my college experience, so I chose Maine. I also heard there is a great biology program here. And when I came on my visit, I felt good vibes here. My intuition was right.

Have you worked closely with a professor or mentor who made your UMaine experience better? Kristy Townsend was my thesis adviser, and she is amazing. I wouldn’t have gotten through this year without her.

What difference has UMaine made in your life and in helping you reach your goals? UMaine is such a large community. There are people that are always willing to help out. Just by simply asking, I have found myself in fantastic positions to continue to move toward my absolute goal of medical school. I don’t think the kind of support that I have received would be so readily available at another school. On top of that, the support that I have received from the athletic department has been tremendous.

Penn State reports on remote robot collaboration with UMaine students

19 Jul 2016

Penn State Abington and Brandywine general engineering students used a mobile telepresence robot — an iPad attached to a self-balancing vehicle — to collaborate with students at the University of Maine, according to a [Penn State](#) news release. For the project, Abington/Brandywine students remotely operated the robot at the PopTech Conference in Camden, Maine, where

they experienced exhibits and interacted with the UMaine students and others at the conference. UMaine students enrolled in an online course connected to the conference, logged into the Double Robotics unit located at the Penn State engineering lab where the Abington/Brandywine students led a tour. The project gave students the opportunity to explore the effectiveness and limitations of remote two-way communication, the release states.

Stack's advice cited in Press Herald 'Maine Gardener' column

19 Jul 2016

Lois Berg Stack, an ornamental horticulture specialist with the University of Maine Cooperative Extension, was mentioned in the latest column in the [Portland Press Herald](#) "Maine Gardener" series. In the article, "Falmouth's use of herbicides to fight invasives proves to be a thorny issue," the author recalls attending one of Stack's talks on removing invasives without using chemicals. During her talk, Stack admitted that when she first moved into her home, she used an agricultural herbicide, but said she wouldn't do so again if she were moving now, according to the article. Instead of relying on herbicides, Stack recommended using goats, who "cheerfully munch on, and eliminate, invasives," the article states.

Slots still available for 2016 Science Summer Camps

20 Jul 2016

Science Summer Camps at the University of Maine provide a fun and engaging way for children to experience science in new ways. Slots are still available for the weeks of July 25–29 and Aug. 15–19 for students in grades three through five, as well as Aug. 8–12 for students in grades six through eight. Camp activities include visits to the Emera Astronomy Center, making liquid nitrogen ice cream, racing rubber band boats, building bridges, constructing kaleidoscopes and bottle rockets (launched by camp counselors), as well as attending the Mainely Physics Road Show. More information, including registration, is [online](#).

Senator George J. Mitchell Center work featured in SSPP Blog post

20 Jul 2016

Research conducted at the University of Maine's Senator George J. Mitchell Center for Sustainability Solutions was featured in [SSPP Blog](#), the weekly blog of the journal Sustainability: Science, Practice, & Policy. The blog post, "The Cooperative University: An Emerging Model?" includes quotes from center director David Hart, as well as information on work led by Darren Ranco, UMaine associate professor of anthropology and director of Native American Programs. Ranco's team is working in collaboration with the Wabanaki to identify options for responding to the invasive emerald ash borer beetle while. "The efforts of the Mitchell Center provide a working example of how stakeholders can help come up with better solutions," the post states. "Building cooperative governance will allow models to emerge that can be used to manage future environmental problems, of which there assuredly will be many."

Glover writes op-ed on Republican convention for BDN

20 Jul 2016

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 "The Republican convention's race problem." 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.

Sun Journal reports on Camp North Woods

20 Jul 2016

The [Sun Journal](#) published an article on Camp North Woods at the University of Maine 4-H Camp and Learning Center at Bryant Pond. The camp "is a legacy project based on the show 'North Woods Law,' and we wanted to capture some of the energy from the show to inspire kids to go fishing, paddling and hunting," said Ron Fournier, summer camp director and conservation education manager at Bryant Pond. The camp was started in 2015 by the Maine Department of Inland Fisheries and Wildlife, in cooperation with the Learning Center, according to the article.

Vice President Ward quoted in BDN article on bond to buy Old Town mill

20 Jul 2016

Jake Ward, the University of Maine's vice president for innovation and economic development, was quoted in the [Bangor Daily News](#) article, "Old Town leaders consider \$3M bond to buy defunct mill land, warehouses." City leaders are working toward purchasing the 40-acre defunct mill site along the Penobscot River, which is owned by a consortium of liquidators and still home to UMaine's Technology Research Center, in the hope the property can be redeveloped, according to the article. On Monday, the City Council held a public hearing on a proposed \$3 million bond for the parcel and warehouse space, and it voted to hold a second hearing, the article states. UMaine has agreed to pay \$95,000 per year to lease the space from Old Town, if the city completes the purchase, Ward said. Researchers within UMaine's Forest Bioproducts Research Institute are working on campus to create and commercialize new wood-based bioproducts that they test on a larger scale at the research center, the BDN reported. "Every hope is to have a long-term relationship," Ward said. "We're here, and we want to stay."

UMaine study cited in Huffington Post article on life lessons parents should teach

20 Jul 2016

A 2003 University of Maine study led by psychology professors Douglas Nangle and Cynthia Erdley was cited in the [Huffington Post](#) blog entry, "13 life lessons all parents should teach their kids." Under the lesson, "Value your BFFs," the article cited the UMaine study of 193 third- through sixth-graders. The researchers found having one or two best friends is more closely correlated with staving off depression and loneliness than is overall popularity, the article states.

Maine Home + Design previews UMMA 'Contemporary Currents' exhibit

20 Jul 2016

An upcoming exhibit at the University of Maine Museum of Art in downtown Bangor was advanced in the August 2016 issue of [Maine Home + Design](#) magazine. In celebration of a partnership between the Maine Arts Commission and the New Brunswick Department of Tourism, Heritage and Culture, UMMA will present "Contemporary Currents: Nine New Brunswick Artists," according to the article. The exhibit will be on view from Sept. 23 through Dec. 31 and will highlight a diversity of creative approaches and genres, the article states. "The government of New Brunswick has a dedicated history of supporting the professional development of artists," said George Kinghorn, executive director and curator of the museum. "It was immensely rewarding for UMMA to be a partner on this landmark exhibition. We hope projects such as this will inspire future collegial and worthwhile collaborations between Maine and New Brunswick institutions."

UMaine solar energy research included in White House Fact Sheet

20 Jul 2016

The University of Maine was mentioned in a fact sheet published by [The White House](#), titled "Obama Administration Announces Clean Energy Savings for All Americans Initiative." UMaine was listed among 25 members of the administration's National Community Solar Partnership that have new commitments to deploy nearly 145 MW of community solar, including projects to scale up solar for low- and moderate-income households. UMaine plans to launch a new, interactive public database of the more than 5,000 community solar projects operating across the country, according to the fact sheet. With support from UMaine's Senator George J. Mitchell Center for Sustainability Solutions, the web-based database will allow anyone to search and learn from existing community solar projects around the country, the fact sheet states. The project is being led by Sharon Klein, an economics professor at UMaine. [Energy.gov](#) also published the fact sheet.

BDN publishes feature on art student, work highlighting cultural history

20 Jul 2016

The [Bangor Daily News](#) published a feature article on Penobscot artist and University of Maine student Christiana Becker. Becker, an art major, used stories she heard growing up as inspiration for a series of carved woodblock prints she created in a printmaking class, according to the article. Becker's prints not only depict her artistic interpretation of the river creation story but also serve as a statement on the modern environmental threats facing the Penobscot River, the article states. "I like to put the [written] stories of my people with my art so people can read about them. I want people to understand the meaning behind

the art,” she said. Becker explained that printmaking is her favorite medium and she wants to incorporate more traditional Penobscot materials into her work, such as porcupine quills and deer hides. “Through the prints, I can put my own artistic interpretation to the [Penobscot] stories, but I also try to remain true to the legends,” she said.

National Sustainable Agriculture Coalition meeting on campus Aug. 7–10

21 Jul 2016

The summer meeting of the National Sustainable Agriculture Coalition will be held at the University of Maine Aug. 7–10. As part of the conference, participants will tour UMaine’s agriculture research facilities and visit Rogers Farm, home of the Black Bear Food Guild. More information about the conference is online. Conference organizers collaborated with UMaine Conference Services to plan the event.

‘Meet the Bears’ football clinic Aug. 22

21 Jul 2016

The University of Maine football team will host its annual “Meet the Bears” free football clinic at 6 p.m. Monday, Aug. 22 at Alford Stadium. Participants of all ages 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 register, email GoBlackBears@yahoo.com.

UMaine Lobster Institute cited in Miami Herald article on 15-pound crustacean

21 Jul 2016

The University of Maine Lobster Institute was cited in a [Miami Herald](#) article about a lobster that weighs more than 15 pounds and is believed to be more than 100 years old. The lobster, which was discovered at a South Florida restaurant, is being sent to the Maine State Aquarium, according to the article. Although the Lobster Institute says there’s no exact way to determine a lobster’s age, the restaurant owner estimates the lobster is around 110 years old based on the animal’s growth bands, the article states. The Lobster Institute and its director, Robert Bayer, also were cited in a [Portland Press Herald](#) report on the lobster. Bayer said that although lobsters can grow to be more than 100 years old, he guesses this crustacean is closer to 60–80 years old.

Brewer speaks with WVII about Melania Trump speech plagiarism allegations

21 Jul 2016

Mark Brewer, a political science professor at the University of Maine, spoke with [WVII](#) (Channel 7) for a report about speech plagiarism allegations against Melania Trump. After the wife of presidential candidate Donald Trump spoke at the Republican National Convention, it was found portions of her speech were similar to first lady Michelle Obama’s 2008 Democratic National Convention Speech, according to the report. Despite the Trump campaign saying this isn’t an instance of plagiarism, Brewer disagreed, saying the claim “doesn’t pass the straight face test.” “If I had a student, for example, come to me and say, ‘Well, this isn’t plagiarism,’ I wouldn’t buy it because it clearly is. The question isn’t, ‘Is there plagiarism or isn’t there?’ because I think it pretty clearly is. I think the question now is intent and who is responsible for it,” he said. Brewer added he doubts this will be “fatal” for the campaign, but it could be damaging, the report states.

WABI previews ‘Meet the Bears’ football clinic

21 Jul 2016

WABI (Channel 5) reported the University of Maine football team will host its annual “Meet the Bears” free football clinic at 6 p.m. Monday, Aug. 22 at Alford Stadium. Participants of all ages 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.

Innovate for Maine program cited in ‘Grow Maine Show’ interview with entrepreneur

21 Jul 2016

Neil Spillane, co-founder and CEO of Portland-based Fork Food Lab, was a recent guest on “[The Grow Maine Show](#).” Fork Food Lab is a food entrepreneur’s incubator space that will be open 24/7 and feature a tasting room. The goal is to host more than 40 companies to operate in the space, which features a full commercial kitchen, helping them grow and support each other, according to the show. Spillane, a University of Maine alumnus, said he currently is working with three students in the Innovate for Maine Fellows program, which is run by UMaine’s Foster Center for Student Innovation. The program connects the best and brightest Maine college students with the state’s most exciting, growing companies as a way to create and sustain jobs in Maine through innovation and entrepreneurship. Spillane said the program is providing “real-world learning” for the students who are getting experience in marketing and business.

LaBouff, grad student write op-ed for BDN

21 Jul 2016

The [Bangor Daily News](#) published the opinion piece, “Skowhegan schools keep ‘Indians’ mascot and stand for what they should oppose,” by Andrew Tomer, a graduate student in psychology at the University of Maine, and Jordan LaBouff, an assistant professor of psychology and honors at UMaine.

Stoll speaks about community-supported fishing on ‘Blue Fish Radio’

21 Jul 2016

Josh Stoll, an ecology and environmental sciences Ph.D. candidate at the University of Maine, was a recent guest on “[Blue Fish Radio](#),” an Outdoor Canada podcast about the future of fish and fishing in Canada. Stoll, founder of [LocalCatch.org](#) and the [Walking Fish Cooperative](#), spoke about the importance of community-supported fishing and how new fishing practices are aiming to make seafood production, distribution and consumption more sustainable.

Invitation to join UMA and UC Night at Hadlock Field

22 Jul 2016

The University of Maine at Augusta and University College invite members of other University of Maine System campuses to attend a Portland Sea Dogs game Aug. 3. The deadline for ticket purchase is July 27. More information is online.

Hutchinson Center welcomes new assistant director of student services

22 Jul 2016

Amy Smith of Lincolnville, Maine has been appointed the new assistant director for student and academic services at the Hutchinson Center, the University of Maine’s outreach center in Belfast. Smith graduated from Camden-Rockport High School and, in 2010, was UMaine’s valedictorian. She received bachelor’s and master’s degrees in history from UMaine, and is now a doctoral candidate. Smith credits much of her success to the Hutchinson Center. She says the center provided a great introduction to higher education and a starting point for her to learn how to be successful after an 18-year hiatus from education. Smith is dedicated to encouraging and advocating for nontraditional students to successfully pursue higher education. She also brings five years of professional experience in higher education. Most recently, she served as an academic adviser with UMaine’s Explorations Program, where she worked closely with first-year students and taught first-year seminar classes for academic success. In her role as assistant director of student services, she will oversee Hutchinson Center student support services, including academic advising, admissions, financial aid, academic accommodations, degree completion and career counseling.

Brewer speaks with BDN about national monument debate, presidential politics

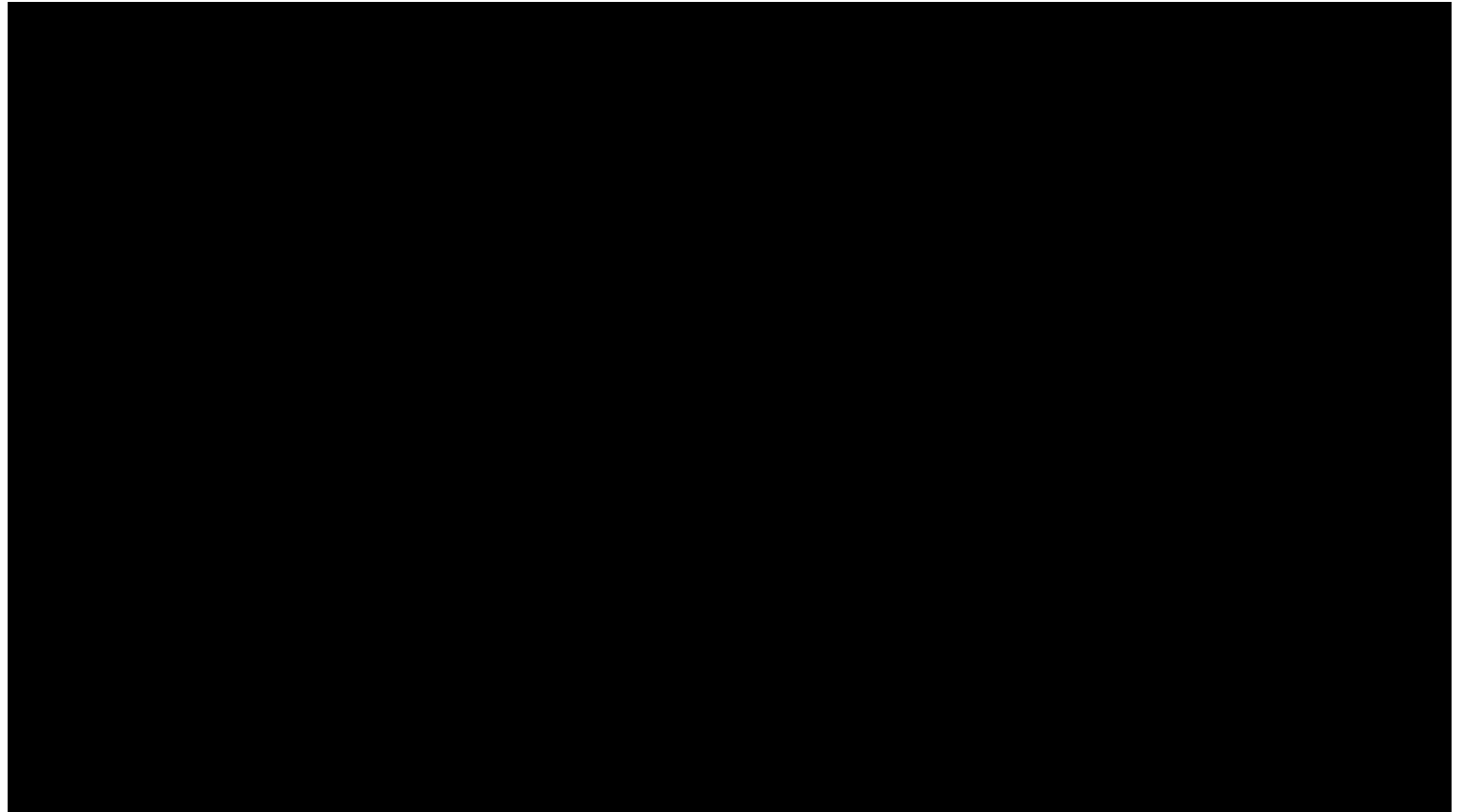
22 Jul 2016

Mark Brewer, a political science professor at the University of Maine, was interviewed by the [Bangor Daily News](#) for the article, “How Maine’s national monument debate plays into presidential politics.” The question of whether President Barack Obama will designate a North Woods national monument looms large in northern Maine, according to the article, and could have an affect on the presidential race. If the president designates about 87,500 acres as a federally protected national monument, northern voters outraged at the prospect of a land grab by presidential decree could turn out for Trump, according

to Brewer. “That’s a pretty popular stance: Being opposed to an overly powerful, meddlesome federal government,” he said. “If Obama steps in to do this, that’s like serving one up to Donald Trump and the Republicans on a tee and saying, ‘crush this.’” He added that a lot of people in southern Maine support the monument and don’t understand why those in the north are opposed. “They see this as an economic lifeline and think this would be an economic [boost] to the area, whereas people in the Katahdin region say, ‘You don’t understand traditional land uses, our culture up here. This is just another example of southern Maine telling northern Maine what to do,’” Brewer said.

Students: Research at the ends of the Earth

25 Jul 2016



[Read transcript](#) Over the last year, Rhian Waller, associate professor of marine science at the University of Maine, has been to the ends of the Earth to study how changing oceans are affecting cold-water corals and what those changes may eventually mean in places like the Gulf of Maine. Waller's research team included three undergraduate marine science students — Maggie Halfman, Elise Hartill and Ashley Rossin — who accompanied her to Antarctica and to Glacier Bay National Park in Alaska to collect data and retrieve samples. The team recently gathered to discuss their findings and to talk about how the experience helped inform their future careers.

Transcript

Rhian Waller: My research program at the University of Maine is looking at reproduction and development of cold-water corals and also looking at the distribution of cold-water corals across the globe. My research program this year focused in two different areas, one in Alaska up in the north and the other in Antarctica down in the south. Both of these projects were looking at how cold-water corals reproduce and develop larvae and survive and produce populations through time. **Elise Hartill:** I've always been interested in the ocean and I'm trying to broaden my horizons. When we're growing up we learn “dolphins and whales and sharks.” It's interesting to me that there's so much out there that most people don't know too much about. **Maggie Halfman:** The western Antarctic Peninsula is warming very rapidly and the Gulf of Maine is warming, too. In understanding whether or not these species can acclimate to these stresses, we need to know whether the larvae can. **Rhian Waller:** Cold-water corals form the very base of ecosystems. They're what we call habitat forming. They produce this habitat many thousands of other species use to be able to survive. We have fish that lay their eggs around corals, we have other invertebrates that form a food source for other large organisms. They're at the very bottom of the ecosystem. We look at processes from the

bottom up. If you destroy that bottom level, the bottom level is no longer being able to survive, then you affect everything else in the ocean. The Poles are an area where warming is happening at a greater rate in certain areas, particularly in Alaska where acidification is happening at a greater rate. These form areas where we can study processes now that will be happening in the Gulf of Maine. The Gulf of Maine is already starting to warm. What is going to happen to the cold-water coral ecosystems that are here in the Gulf of Maine? That's where it all ties in. **Ashley Rossin:** We talk about how everything we're looking at nobody's ever seen before. We have the baseline information on *primnoella* and all these other species, and you got to know it. We have to learn. There's so much to explore. So far we start in Alaska and Antarctica and the Gulf of Maine. If it starts to see effects, it'll be next. **Rhian Waller:** "Gaining these experiences at an undergraduate level really gives these guys an idea of where they want to go in life, even if it isn't in marine science. It's brought a bit of what it takes to be a scientist in the field, to be able to collect that data. You can take that into your next career whatever that might be. **Maggie Halfman:** It took a little while being down there to be like, "I'm at Antarctica. This is amazing." All of a sudden, we got off the boat to set up this marine mammal camp, and I was like, "I'm standing on Antarctica." It was kind of bizarre. **Ashley Rossin:** The fjord is beautiful. The water's this teal color. You can't describe it. It was so pretty. The two dives that I got to do were amazing, seeing *primnoella* for the first time, not in a vial. It's this beautiful branching coral. I knew it was, but it's 10 feet long and pops out of the wall. It was amazing. I was excited about going to UMaine and getting to meet Dr. Waller. When I got this opportunity to go and see her in action — not just in the lab, actually doing these things that I've read about her doing — it was fulfilling a dream. It definitely made me realize that this is what I really want to do. [Back to post](#)

UMaine Extension offers 'Preserving the Harvest' workshops

25 Jul 2016

University of Maine Cooperative Extension is offering hands-on "Preserving the Harvest" workshops throughout the summer. Upcoming workshops include: Preserving Pickles

- 5:30–8:30 p.m. Thursday, July 28, UMaine Extension, 24 Main St., Lisbon Falls
- 5:30–8:30 p.m. Thursday, Aug. 4, UMaine Extension, 75 Clearwater Drive, Suite 104, Falmouth

Canning Tomatoes & Salsa

- 4–6 p.m. Thursday, Aug. 11, Willow Pond Farm, 395 Middle Road, Sabattus
- 6–8 p.m. Monday, Aug. 15, Whole Foods Market, 2 Somerset St., Portland
- 6–8 p.m. Tuesday, Aug. 16, Spruce Mountain High School, 33 Community Drive, Jay
- 5:30–8:30 p.m. Thursday, Aug. 18, UMaine Extension, 9 Olsen Road, South Paris

UMaine Extension staff and volunteers will lead the workshops. Fresh produce, jars and other canning equipment will be provided. The \$20 fee includes a sample to take home. More workshops will be added. Registration is [online](#). For more information, or to request a disability accommodation, call 207.781.6099 or 800.781.6099 (in Maine).

Ellsworth American cites horseshoe crab research conducted by Wahle, student

25 Jul 2016

Research conducted by Rick Wahle, a marine scientist at the University of Maine's Darling Marine Center; and Andrew Goode, who earned a bachelor's degree in marine sciences in 2016; was cited in an [Ellsworth American](#) article about horseshoe crabs. The "living fossils" have survived unchanged for eons, but lately their numbers have diminished, according to the article. While some horseshoe crab populations have declined, other populations in Maine seem to be thriving, the article states. During their research about the crabs in the Damariscotta River estuary, Wahle and Goode found a strong correlation between warm water, warm winters and increases in crab populations. While the most recent data available from Damariscotta, which are from 2014, shows a population dip, it is well within average parameters and is not perceived as drastic, the article states. "Additional research on the behavioral changes of horseshoe crabs in response to fluctuating temperature and salinity would be beneficial in understanding how and why horseshoe crab abundances fluctuate dramatically from year to year," the researchers wrote.

Brewer quoted in Christian Science Monitor article on Maine politics

25 Jul 2016

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Christian Science Monitor](#) article, “When a governor names his dog ‘Veto.’” While Gov. Paul LePage has a history of controversial sound bites in common with Republican presidential nominee Donald Trump, he is more conservative, and Maine politics has reached new levels of partisanship under his leadership, according to the article. Maine is a large state with a small population — its density of 41 people per square mile is the lowest of any state east of the Mississippi, the article states. That has made political cooperation something of a survival tactic in the state, Brewer said. “That really has over the decades created this culture of interdependence and interreliance and really forced people in Maine to work together and accomplish things,” he said. “If they don’t band together and help each other, it’s unclear where help would come from.”

Mandela Fellow speaks to Rotary Club, Ellsworth American reports

25 Jul 2016

[The Ellsworth American](#) reported Mandela Fellow Koushul Narrian was a speaker at a recent meeting of Ellsworth’s Noontime Rotary Club. Narrian is one of 25 emerging public management leaders from Sub-Saharan Africa that are visiting UMaine for a six-week academic and leadership institute, sponsored by the U.S. Department of State. UMaine was selected as one of 37 institutions nationwide as partners with the Mandela Washington Fellowship for Young African Leaders. Narrian, who is from Mauritius, spoke about the history of his country and its current issues, according to the article. Narrian, who is working on his Ph.D. in agriculture from the University of Mauritius, said the program has given him ideas to bring home. “The program [taught] us how to become better leaders and we can learn technologies from the United States that we can implement in our country,” he said. Louis Bassano, a Noontime Rotary Club member and small-business educator with the University of Maine Cooperative Extension, served as Narrian’s mentor, the article states.

AP advances Northeast Agricultural and Biological Engineering Conference

25 Jul 2016

The Associated Press reported the University of Maine will host the Northeast Agricultural and Biological Engineering Conference (NABEC) from July 31–Aug. 3. About 75 participants are expected to attend the event that promotes engineering as it relates to agriculture, biology and related applications. This year’s conference theme is sustainable agriculture and renewable energy. Keynote addresses will be delivered by Ed Ashworth, dean of the College of Natural Sciences, Forestry, and Agriculture; and Habib Dagher, executive director of UMaine’s Advanced Structures and Composites Center. The Maine Public Broadcasting Network, [Fosters.com](#), [The Washington Times](#) and San Francisco Chronicle carried the AP report. [Mainebiz](#) also previewed the conference.

Rice speaks at Pellet Fuels Institute conference, Biomass Magazine reports

26 Jul 2016

[Biomass Magazine](#) reported Robert Rice, a wood science professor at the University of Maine, was among the speakers at the 2016 Pellet Fuels Institute conference in Asheville, North Carolina. Approximately 170 attendees and nearly 30 exhibitors participated in the annual event being held July 24–26, according to the article. Rice led a discussion on wood pellet durability, the article states.

WABI covers fraternity house demolition

26 Jul 2016

WABI (Channel 5) reported on the demolition of the Sigma Nu fraternity house on the University of Maine campus. The house had been standing for more than 100 years, according to the report. “I’m sure it’s a bittersweet day,” said Kenda Scheele, assistant vice president for student life at UMaine. “It was a point in which the house was in a point of disrepair, and the money just wasn’t there to bring it back up to what it needed to be to continue to be in its existing form.” The site will be prepared as a parking lot for the time being, but Scheele said “future plans are open-ended.” She encouraged Sigma Nu to return to UMaine once its five-year suspension for violating student conduct codes is up in 2017.

ABC News interviews Steneck about Maine lobsters

26 Jul 2016

Robert Steneck, a professor of marine sciences at the University of Maine, spoke with [ABC News](#) for a report about Maine lobsters. The news team traveled to Bar Harbor to determine why the crustacean off the coast of Maine is considered one of the most delicious and coveted on the planet, and if its survival is threatened, according to the report. “The environment in Maine — it’s a rocky shore — so it has that kind of nursery habitat that lobsters like,” said Steneck, who has studied lobsters in Maine for more than 30 years. “But probably more importantly, there are temperatures that are too warm, and there are temperatures that are too cold. Maine happens to be sitting in the sweet spot of being in exactly the right temperature.” As booming as Maine’s lobster business is, the past decade has seen a decline in the lobster populations from Rhode Island to Long Island, the report states. “The thing that we’re watching is climate change,” Steneck said. “We know that in areas to the south, for example, off of Rhode Island, 1998 was the warmest year on the planet. That year a shell disease broke out, and the lobster populations declined by 80 percent.” Fortunately for Maine, Steneck doesn’t see anything similar happening in the near future, ABC News reported.

Story Collider to feature Bayer’s podcast

27 Jul 2016

On Aug. 12, The Story Collider will feature Skylar Bayer’s frank but sometimes funny podcast about a medical scare she experienced her first semester at the University of Maine Darling Marine Center. In fall 2011, the doctoral candidate in marine biology was diagnosed with ventricular tachycardia — a rapid heart beat due to a problem with her heart’s electrical impulses. It can result in sudden cardiac death. An implantable cardioverter defibrillator (ICD) was placed in Bayer’s chest; when it detects an abnormal heart rhythm it delivers an electric shock to restore her normal heartbeat. “My ICD is a constant reminder of the limitations I deal with, but becoming less self-reliant and more connected with others has been a healthy thing,” she said in her interview with the Henry David Thoreau Foundation. Doctors told Bayer — who is researching scallop fertilization success for her Ph.D. in a scuba diving-based lab — that she can no longer dive. But she’s still active, playing roller derby and taking part in Brazilian jiu-jitsu. In addition, she has her blog and podcast [StrictlyFishwrap](#), which has been produced for The Story Collider and writes about science communication in “The Plainspoken Scientist.” To listen to her recent post on the power of audio, visit blogs.agu.org/sciencecommunication/2016/07/26/benefits-audio-experience. “We are social animals, and interconnectedness is an important touchstone for those of us working to have a positive impact on the environment,” she told the Henry David Thoreau Foundation. “Convincing others of your point of view happens best in the context of communities that share values and experiences.” Later this week, Bayer will be in Newfoundland at the 2016 International Marine Conservation Congress: Making Marine Science Matter. The annual gathering brings together conservationists to develop tools to further marine conservation policy. To listen to Bayer’s story, on Aug. 12 visit storycollider.org/podcasts.

Ellsworth American reports on insect event co-sponsored by UMaine

27 Jul 2016

The [Ellsworth American](#) reported that insect enthusiasts participated in a BioBlitz at the Schoodic Institute in Acadia National Park. Approximately 60 volunteers collected and identified Lepidoptera — butterflies and moths — to assist Acadia National Park managers in understanding the park’s biodiversity. The event was led by internationally known taxonomist and field naturalist Michael Sabourin, who is president of the Vermont Entomological Society. It was sponsored by the Schoodic Institute, Maine Entomological Society, University of Maine, Maine Forest Service and the University of New Hampshire.

Maine universities receive \$800,000 to help low-income students, media reports

27 Jul 2016

The federal Department of Education is giving nearly \$800,000 to Maine public universities to provide help for low-income and first-generation students who want to go to college. The award was announced in a joint press release from U.S. Sens. Susan Collins and Angus King. The agency is awarding the money through the [Talent Search Program](#) and it will be used to help students graduate high school with academic support and get financial counseling for college. The education department is giving more than \$500,000 to the University of Maine System and more than \$200,000 to the University of Maine at Presque Isle. The University of Maine System expects the Talent Search Program will provide services to more than 1,000 students in grades six through 12. UMPI expects to serve 500 more in targeted rural school districts in northern Maine. The Talent Search Program is one of eight Federal TRIO programs that help low-income and first-generation students and students with disabilities complete their college educations. Sen. Collins is the co-chair of the Congressional TRIO Caucus, of which Sen.

King is also a member, the release states. The announcement was reported by AP, MPBN, [Portland Press Herald](#) and WABI (Channel 5).

UMaine Extension offers tips to preserve blueberries, tomatoes, corn

28 Jul 2016

Delicious fruits and vegetables are ripe for the picking in August and University of Maine Cooperative Extension educator Kathy Savoie wants Mainers to have up-to-date information on the best methods, canners, jars and seals to safely preserve food. UMaine Extension publishes information to help people find, grow, use, preserve and store in-season fruits and vegetables. A tip is to add one tablespoon of bottled lemon juice per pint of tomatoes when preserving whole, crushed or juiced tomatoes. More recommendations are available from county UMaine Extension [offices](#) and [online](#), including upcoming food preservation workshops and [how-to videos](#). Topical bulletins also may be ordered or downloaded [online](#), including August favorites “[Let’s Preserve: Sweet Corn](#),” “[Let’s Preserve: Tomatoes](#),” “[Let’s Preserve: Berries](#)” and “[Vegetables and Fruits for Health: Wild Blueberries, Tomatoes and Sweet Corn](#).” For more information, call 581.3188; 800.287.0274 (in Maine).

Morning Ag Clips advances ‘Preserving the Harvest’ workshops

28 Jul 2016

Morning Ag Clips published a University of Maine Cooperative Extension news release announcing a series of hands-on “Preserving the Harvest” workshops that are available around the state throughout the summer. August workshops include “Preserving Pickles” in Falmouth and “Canning Tomatoes & Salsa” in Sabattus, Portland, Jay and South Paris. UMaine Extension staff and volunteers will lead the workshops. Fresh produce, jars and other canning equipment will be provided. The \$20 fee includes a sample to take home. More workshops will be added. Registration is [online](#).

UMaine research cited in Mail Tribune column on rinsing fresh produce

28 Jul 2016

[Mail Tribune](#) of Oregon cited research from the University of Maine in a “Since You Asked” column titled “Be sure to rinse those fruits and veggies.” In response to a reader’s question about whether rinsing fresh produce is necessary, the author wrote “there are conflicting opinions on the value of rinsing, but there seems to be agreement a water rinse is a wise, if not perfect, step to take.” A study from UMaine found that when produce is rinsed thoroughly, water can remove 98 percent of bacteria, the article states.

Broadway World advances ‘Transformer Tales’ performances

28 Jul 2016

[Broadway World](#) reported the Penobscot Theatre Co. will present “Transformer Tales: Stories of the Dawnland,” a new play about a Wabanaki tribe hero who taught people the arts of civilization and protected them from danger. The original work is the culmination of a yearlong collaboration among the theatre, Penobscot elders and playwrights, native scholars and educators from Indian Island, according to the article. Actors aged 4–19 years old who are in the theatre’s summer camp program will perform the play in August at the Indian Island School, Bangor Opera House and at Blackwoods Amphitheater in Acadia National Park. “Transformer Tales: Stories of the Dawnland” is funded in part by an award from the National Endowment for the Arts and with support from several organizations, including the University of Maine Humanities Center, the article states.

MPBN interviews Birkel about Maine’s ‘Year Without a Summer’

28 Jul 2016

Sean Birkel, the Maine state climatologist and University of Maine research assistant professor with the Climate Change Institute, spoke with the [Maine Public Broadcasting Network](#) for the report, “Maine may have ‘Year Without a Summer’ to thank for its statehood.” 1816 — also known as the Year Without a Summer — was a harsh summer for farmers across the Northern Hemisphere, with snow and hard frosts all through what should have been the hottest months of the year, according to the report. The change in weather was caused by the April 1815 volcanic explosion of Mount Tambora in present-day Indonesia, the report states. “The eruption put enough material in the atmosphere and into the stratosphere that it was sufficient

to produce a global cooling that lasted for several years,” Birkel said, adding the impact probably took several decades to completely wear off. Birkel said there also were social effects, including about 10 percent of Maine’s population moving away. “A lot of people thought, ‘We need to get out of New England, because the agriculture is not reliable, the weather’s not reliable,’” he said. “People thought, ‘Well, this might be the new normal.’” Birkel said if there is another Tambora-sized eruption today, it would have a big impact, but it wouldn’t create the same effects as what happened 200 years ago because of global warming.

UMaine spin-off company’s technology earns safety award

29 Jul 2016

Technology created by a spin-off company of the Laboratory of Surface Science and Technology (LASST) at the University of Maine has won a top safety award. CF Industries, a North American manufacturer and distributor of agricultural fertilizers, recently presented a 2016 Stephen R. Wilson Excellence in Safety Award to staff at its Port Neal laboratory in Sergeant Bluff, Iowa. The award was given as a result of a collaboration between the Port Neal lab and Orono Spectral Solutions, Inc. which led to the development of a new safety process. Using OSS’s patented ClearShot technology, CF Industries staff developed a process that eliminates the need for lab technicians to be exposed to dangerous chemicals while reducing test time from eight hours to 20 minutes, according to an OSS news release. ClearShot technology offers a game-changing alternative to an expensive, environmentally hazardous and time-consuming process in the fertilizer industry, the news release states. The Stephen R. Wilson Excellence in Safety Award is an annual award that honors a facility that has best embodied CF Industries’ culture of safety excellence by implementing innovative ideas that enhance safety practices and strengthen safety culture, according to the company. Bangor-based OSS is an innovative, optical-based solid phase extraction membrane surface technology company. More about the award and technology is on the OSS [website](#).

DigitalCommons hits milestone

29 Jul 2016

DigitalCommons@UMaine recently passed 1 million total downloads (since 2012), with more than 400,000 in the past year alone. DigitalCommons is an online repository of works produced by UMaine faculty, staff and students. The homepage of [DigitalCommons](#) shows a worldwide reader map with real-time statistics on downloads.

Student shares giant bluefin tuna fishing story on Q97.9

29 Jul 2016

University of Maine wildlife ecology major Jonah Paris recently shared his story of helping to reel in a giant bluefin tuna on Portland’s [Q97.9](#). Paris is a part-time mate of Teazer Charters out of South Port Marina in South Portland, according to the report. He said he has been fishing since he was 3 years old and he’s familiar with the inshore species in Maine. But before being hired on Teazer, Paris said he “was relatively inexperienced fishing for Maine’s offshore species.” Paris, who shared a photo on Instagram of a 700-pound giant bluefin tuna he helped catch, shared the story behind the fish with the radio station. “The sheer size of it was incredible; I’d never seen a fish that big in person,” he said. “A 300-pound shark is exciting — a 700-pound tuna is something else.”

Old Town to buy defunct mill property, home of UMaine research center, BDN reports

29 Jul 2016

The [Bangor Daily News](#) reported Old Town city leaders approved a proposed \$3 million bond to purchase the 40-acre parcel of land and some warehouses along the Penobscot River where the Expera Old Town mill once operated. The property is owned by a consortium of liquidators and still home to the University of Maine’s Technology Research Center, according to the article. Jake Ward, UMaine’s vice president for innovation and economic development, said the university has agreed to pay to lease the space from Old Town if the city completes the purchase. UMaine currently pays nothing but utilities for the month-to-month lease for the research center, which opened five years ago and is located in the mill’s former finished product storage area on the southern portion of the site, the article states. Researchers within UMaine’s Forest Bioproducts Research Institute are working on campus to create and commercialize new wood-based bioproducts that they test on a larger scale at the research center. WABI (Channel 5) also reported on the sale.

Penobscot Bay Press advances Riordan's humanities lecture in Castine

29 Jul 2016

[Penobscot Bay Press](#) reported Liam Riordan, a University of Maine history professor, will be this year's Deborah Pulliam Memorial Lecturer at Maine Maritime Academy in Castine. Riordan will deliver the lecture, "The Promise and the Need: Humanities in the 21st Century," at 7 p.m. Thursday, Aug. 4. Riordan, who also is director of UMaine's Humanities Center, is one of the state's leading advocates for the promotion of the humanities in American education, according to the article. Riordan hopes to engage the audience in a discussion of trends in American education, particularly with reference to the STEM subjects, the article states. The lecture is sponsored by the Castine Historical Society and is free and open to the public.

Fried discusses Democratic National Convention on MPBN

29 Jul 2016

Amy Fried, a political science professor at the University of Maine, recently discussed the Democratic National Convention on the Maine Public Broadcasting Network. Fried was a guest on the "[Maine Calling](#)" radio show, as well as "[Across the Aisle](#)," which focused on the final night of the convention.

4-H SPIN Club on blacksmithing featured in Sun Journal

29 Jul 2016

The Sun Journal reported on a six-session 4-H Blacksmith SPIN Club held at the Farmington Fairgrounds. Three members of the Western Maine Blacksmith Association volunteered to lead the sessions in partnership with the University of Maine Cooperative Extension 4-H, said David Allen, a 4-H youth development professional in Franklin County. "The 4-H SPIN clubs are special-interest clubs where four or more young people, ages 9 to 18, gather with a volunteer and, for at least six sessions, learn about a selected topic of interest," Allen said. "Topics vary and can include the natural arts, heritage arts, science and technology, music, gardening, shooting sports and more." UMaine Extension trains SPIN club volunteers, helps with the logistics and helps with acquiring materials for the club, the article states.

BDN interviews UMaine researchers about finding sturgeons in Milford

29 Jul 2016

The [Bangor Daily News](#) spoke with University of Maine researchers for the article, "Why researchers are excited about spotting a pair of sturgeon in Milford." This spring, the researchers went to the Penobscot River to look for evidence that endangered shortnose sturgeon had spawned in the river for the first time since two dams were removed in recent years, according to the article. Although that wasn't the case, two shortnose sturgeon were captured at the Milford Dam fish lift, marking the first time since the dams were removed that sturgeon have accessed the entire range of their original native habitat, the article states. "We knew that, historically, they made it up that far in the river," said Gayle Zydlewski, an associate professor in the School of Marine Sciences, who has been a member of the research team for the past 10 years. But the team had no evidence that sturgeon had moved that far upriver, graduate student Catherine Johnston said. "I was very impressed that sturgeon were able to swim over the Great Works rapids, because if you've seen [those rapids] from shore or gone over them in a canoe, they're kind of intense," Johnston said. "It was kind of cool that they were able to swim upstream through those rapids. We can't say at what level of river discharge those two individuals made it over those rapids. That's something that potentially future tagging efforts could help us identify, if there are other individuals going up there." More than 30 Penobscot River sturgeon have active acoustic tags, and Zydlewski said the team is seeking funding for additional tags to gather more data on fish movements. The Maine Public Broadcasting Network also published the BDN article.

UMaine Extension testing grain crops for beer industry, Fiddlehead Focus reports

29 Jul 2016

[Fiddlehead Focus](#) published an article about how the booming craft beer industry is offering new opportunities for Maine farmers, including potato farmers who have long grown grains that mostly sell for animal feed. Researchers with the University of Maine Cooperative Extension are studying 25 varieties of barley, the base grain in many beers, to help farmers and brewers learn more about the best barley for malting, according to the article. Beer- and food-grade grains have more protein and better

overall quality than grains sold for animal feed, and craft beer uses three to four times as much malt as mass-market beers, said Andrew Plant, a professor with UMaine Extension in Aroostook County. “From a local economic scale, that means a lot to people when you can be selling four times as much,” and at a higher price, Plant said at a recent presentation. “Variety selection is probably the first step a grower can take in addressing quality parameters,” said Tom Molloy, a research associate in sustainable agriculture with UMaine Extension.

Press Herald advances announcement of initiative to aid forest products industry

29 Jul 2016

The [Portland Press Herald](#) reported members of Maine’s congressional delegation are scheduled to join federal officials at the University of Maine on Friday, July 29 to announce a new initiative to help the state’s forest products industry. U.S. Deputy Assistant Secretary of Commerce for Economic Development Matt Erskine will join U.S. Sens. Angus King and Susan Collins, and U.S. Rep. Bruce Poliquin to announce a multimillion investment to help rural communities affected by mill closures, according to the article. UMaine President Susan Hunter also is scheduled to attend. In addition, Erskine is expected to announce deployment dates for a special team that will come to Maine to help address the state’s forest-based economic challenges, according to a release from the U.S. Department of Commerce.

UMaine receives federal funding to advance forest products industry

29 Jul 2016

The U.S. Department of Commerce’s Economic Development Administration (EDA) will invest more than \$4 million to help diversify and grow the Maine economy, which includes new funds designed to aid the forest sector, announced U.S. Deputy Assistant Secretary of Commerce for Economic Development Matt Erskine in a news conference at the University of Maine July 29. Full details about the economic development grants are [online](#). A summary follows: **Maine Development Foundation, Augusta \$711,600** To support, coordinate and track long-term economic recovery efforts that result from findings and recommendations made by the August 2016 Maine Forest Economy Economic Development Assessment Team. **Bio-Based Maine, Orono \$519,930** Part of a \$856,549 project to Bio-Based Maine, in partnership with the University of Maine, to develop a road map to advance biobased manufacturing, marketing Maine’s biobased assets to investors in new technologies and processes, and providing technical assistance to Maine forest products manufacturers and users in the implementation of new biobased technologies. It is anticipated that the cost analysis, technology assessment and market research component of the project could place one or more mills into the production of cellulosic sugars, with 195 or more jobs created. **Bangor Target Area Development Corp., Orono Business Beneficiaries: Twin Rivers Paper and Cerahelix Corp. \$345,000** To make interior upgrades in the Target Technology Center to create wet laboratory and supporting space to the Twin Rivers Paper Company and the Cerahelix Corp. Twin Rivers operates one of Maine’s six remaining paper mills (located in Madawaska), which is successfully competing in the paper packaging market, and is relocating its research and development operation from Montreal, Canada to Orono, Maine to be closer to the mill and have better access to the University of Maine’s Forest Bioproducts Research Institute (FBRI). **City of Bangor Business Beneficiary: C&L Aerospace \$1.2 million** To support the further expansion of C&L Aerospace for refurbishing commercial turboprop and jet aircraft, and supplying parts and repair services to certain models of aircraft worldwide. **Central Maine Community College, Auburn \$1.59 million** To expand CMCC’s Precision Machining Technology laboratory to accommodate increasing demand for skills training by enrolled students and businesses. In addition, it was announced that EDA will deploy an Economic Development Assessment Team (EDAT) in eastern Maine Aug. 17–19 to evaluate new and existing economic strategies to address the state’s forest-based economic challenges. During the three-day EDAT visit, regional leaders and economic development experts, alongside officials from federal partners — U.S. Departments of Treasury, Agriculture, Commerce, Labor, Transportation, and Energy; and the Environmental Protection Agency, the Small Business Administration, and the Northern Border Regional Commission — will participate in a series of economic development sessions, tours and briefings. At the conclusion of the EDAT process, regional and local stakeholders will have a bottom-up strategy, developed with input from the federal partners, designed to foster robust economic growth and recovery. As part of the news conference, Erskine also announced several new efforts by other federal partners that will provide support to the Maine economy. They include a \$3.3 million award from the Defense Logistics Agency (DLA) to advance wood to jet fuel technology at FMRI’s Technology Research Center. The technology is based on FBRI’s patented thermal deoxygenation process, which was shown to yield jet fuel test samples that have met key specification. In order to improve process economics, FBRI will investigate co-production of advanced materials, such as nanocellulose composites, as well as some high-value chemicals from woody biomass and liquid hydrocarbon fuels. This project will explore conversion of cellulose and lignin to liquid hydrocarbon fuels, and use of hemicellulose extract and cellulose fiber slipstreams for developing high-value co-products. UMaine’s research approach, based

on potential sustainable supply of woody biomass, will provide new opportunities for high-value use as an alternative to direct combustion in biomass power plants, where energy efficiency is often very low. In addition, FBRI plans to finish reassembly of recently relocated biomass hydrolysis pilot plant, for converting biomass into levulinic and formic acids, to keep this unique critical research infrastructure operating in Maine and train students. Information about U.S. Department of Energy and U.S. Small Business Administration initiatives also can be found in the EDA news release.

Republican Journal reports on new assistant director at Hutchinson Center

01 Aug 2016

[The Republican Journal](#) reported Amy Smith of Lincolnville, Maine has been appointed the new assistant director for student and academic services at the Hutchinson Center, the University of Maine's outreach center in Belfast. Smith graduated from Camden-Rockport High School and, in 2010, was UMaine's valedictorian. She received bachelor's and master's degrees in history from UMaine, and is now a doctoral candidate. "Being an adult learner, you take things more seriously," she said. "I wanted to do this, so I didn't miss classes and I studied hard. It was an enjoyment for me." Smith credits much of her success to the Hutchinson Center. She says it provided a great introduction to higher education and a starting point for her to learn how to be successful after an 18-year hiatus from education.

Fogler Library event advanced in Press Herald article on new Baxter plant guide

01 Aug 2016

The [Portland Press Herald](#) reported on a new book by Glen Mittelhauser, one of Maine's leading naturalists. This month marks the release of "The Plants of Baxter State Park," which contains the first complete inventory of the park's 857 types of plants, information gathered over five years, according to the article. The guide was co-written with botanist and UMaine researcher Alison Dibble and six others, the article states. UMaine's Fogler Library will host one of three events around the state to celebrate the publication of the book. The event will be held at 7 p.m. Aug. 23 in The University Club. Light refreshments will be served.

Brinkley quoted in Press Herald piece on French language revival in Maine

01 Aug 2016

Tony Brinkley, a professor of English and faculty associate at the University of Maine Franco-American Centre, spoke with the [Portland Press Herald](#) for the article, "African immigrants drive French-speaking renaissance in Maine." According to the article, Maine is experiencing a small, but growing, French language revival among lifelong residents trying to preserve their French heritage and hundreds of Francophone Africans who settled in a state with almost two centuries of French heritage. In 1919, Maine prohibited speaking French in school, a policy that remained until 1969, the article states. That prohibition, combined with anti-immigrant sentiment aimed at French speakers, drove the language underground, Brinkley said. "I'm against the notion of decline and disappearance," he added. "It's more accurate to talk about suppression and about revitalization." Brinkley said Maine still has a group of French speakers who could help revitalize the heritage. In a 2012 Franco-American Centre survey of 600 self-identified Franco Americans, 63 percent said they were either fluent or understood some French, the article states. Even though three-quarters of the respondents were age 60 or older, the results showed the possibility of revitalizing the language, he said. The Press Herald story also was featured on WLBZ (Channel 2).

UMaine receives federal funding to aid forest products industry, media report

01 Aug 2016

The Associated Press, [Bangor Daily News](#), [Portland Press Herald](#), WABI (Channel 5), Maine Public Broadcasting Network, [WLBZ](#) (Channel 2), [WVII](#) (Channel 7) and [Mainebiz](#) covered a news conference July 29 at the University of Maine with U.S. Deputy Assistant Secretary of Commerce for Economic Development Matt Erskine. At the event, Erskine announced the U.S. Department of Commerce's Economic Development Administration (EDA) will invest more than \$4 million to help diversify and grow the Maine economy, which includes new funds designed to aid the forest sector. UMaine was listed among the funding recipients. "The Economic Development Administration and its federal partners are committed to working closely with Maine stakeholders today and in the years to come to help struggling communities statewide work toward building a robust and enduring economy," Erskine said. He also announced an EDA Team will visit eastern Maine Aug. 17-19 to evaluate new and existing strategies to address the state's forest-based economic challenges, according to the reports. In

addition, the Department of Defense announced it would invest \$3.3 million in UMaine's Forest Bioproducts Research Institute to push forward research on converting wood into jet fuel, the BDN reported. [The Washington Times](#) carried the AP report and [Penobscot Bay Pilot](#) published the EDA news release. The federal investments also were the focus of a [BDN](#) editorial.

Public invited to university-industry research symposium at DMC

01 Aug 2016

Students, researchers, fishermen, aquaculturists and other marine professionals will gather at the University of Maine's marine laboratory, Darling Marine Center (DMC), on Thursday, Aug. 11 for the SEA Fellows Summer Science Symposium. The SEA (Science for Economic Impact and Application) Fellows program is a new initiative developed by UMaine and the University of Maine at Machias (UMM) to catalyze university-industry partnerships. The program supports undergraduate research related to Maine's marine economy, as well as the ecosystems and coastal communities that support it. It is funded by a National Science Foundation award to Maine EPSCoR at UMaine, and in-kind support from DMC and the Downeast Institute, UMM's marine field station. Undergraduate students from around Maine who are conducting applied marine research projects will present their work as posters 2–5 p.m. in Brooke Hall, on the lower DMC campus. "Thanks to Maine EPSCoR and the Sustainable Ecological Aquaculture Network (SEANET), we were able to launch SEA Fellows," says Heather Leslie, director of DMC. "Our focus this first year is aquaculture. The symposium is open to all students, community members, marine professionals and researchers who are interested in research, development and technology transfer related to Maine's coast and ocean." The SEA Fellows hail from multiple Maine communities, as well as from out of state. They include Antonia Barela of New Boston, New Hampshire; Caroline Carrigan of Topsham, Maine; Emmah Day of Exeter, Maine; Justin Lewis, of Rochester, New York; Melissa Rosa of New Haven, Connecticut; Margaret Towle of Gorham, Maine; and Breanna Whittemore of Bridgewater, Massachusetts. SEA Fellows have been collaborating with academic researchers and marine industry professionals on topics ranging from lobster physiology and disease to the impacts of coastal water quality on shellfish growth and production. Descriptions of student projects are posted on the DMC website. The inaugural SEA Fellows Summer Science Symposium will feature poster presentations by the SEA Fellows and other students from UMaine, UMM and the University of New England, among other institutions. Guest speaker Dick Clime of Coastal Enterprises, Inc. will kick off the afternoon with remarks on the importance and future of industry-university collaborations. After the student poster and networking session, the event will conclude with a tour of the DMC shellfish hatchery, business incubation facilities and waterfront. This event is open to the public and RSVPs are requested by Thursday, Aug. 4 to kthornton@maine.edu or 207.563.8124. Contact: Beth Staples, 207.581.3777

Building bridges for the future

01 Aug 2016

Without a sound, safe and efficient transportation infrastructure, Bill Davids says we wouldn't have an economy. "That truck that just drove over this bridge carrying goods to wherever wouldn't be able to make its trip; the ambulance wouldn't be able to get to your house; you wouldn't be able to get to work in the morning," says Davids, the John C. Bridge Professor and chair of the Civil and Environmental Engineering Department at the University of Maine. "Imagine if it was just you and your feet, or you and your horse. What would the world be like?" he asks. The Maine Department of Transportation (DOT) has teamed up with the University of Maine Advanced Structures and Composites Center to find new and innovative ways to evaluate aging bridges around the state. The team of engineers is attaching sensors to bridges to take live load readings and deflection measurements to determine the strength of bridges, their lifespans and whether they can allow heavier trucks in the future. "For the Maine Department of Transportation, the potential savings are very large. We are able to take that data in real time and apply it to damage models of the structures. So not just civil infrastructure projects, like the bridge behind me, we are also able to apply it to buildings, to energy infrastructure, water infrastructure and roadways," says Scott Tomlinson, research engineer in the Advanced Structures and Composite Center at UMaine. Researchers will share information they gather with consulting engineers who work for DOT and eventually with the wider engineering community. The project also will allow for more targeted use of tax dollars in replacing and improving infrastructure that needs it, says Tomlinson, who came to UMaine as a visiting undergraduate researcher in 2001 and now is pursuing his Ph.D. in civil engineering, also at UMaine. "There are a lot of bridges all across the country and in Maine that are slated to be either repaired or replaced because we don't know exactly how strong they are," says Andrew Schanck, an undergraduate civil engineering student at UMaine. "This project will help with that." The Pittsfield, Maine native is helping evaluate the strength of the bridges, and how different materials respond to certain stressors. By live load testing the bridges, they are looking at how girders, or support beams, and the concrete slabs within the bridge interact in a composite way, rather than independently. Having the materials work in a composite fashion

could increase the longevity of bridges, factor into the load rating of bridges, and save the state money. These variables are not classically taken into account when evaluating a bridge, but knowing this information can help engineers plan for the future, explains Schanck. “If we know that the materials are working in a composite way, we can say, ‘OK, we have this much more strength in this bridge,’ or going forward we can design a bridge with a little less concrete or a little less steel because we know that the composite action will be helping in our favor,” Schanck says. The project could decrease infrastructure costs and provide advancements in the field that will have significant impacts on our society as a whole, he says. “The wireless sensors we are using here and the quality of information we get out of these advanced systems are far beyond what we could have done even a few years ago,” Davids says. Another goal of the project is to involve undergraduate and graduate students in hands-on projects that allow them to apply their classroom knowledge in the field to make an impact on infrastructure in the state. “Without engineers, our daily lives would be vastly different. A growing economy needs engineering in nearly every aspect. Everything from infrastructure, automobiles, phones, electrical power — you name it, engineers are behind that,” Davids says. “UMaine’s role in training the next generation of engineers is absolutely essential.” Contact: Amanda Clark, 207.581.3721

UMaine investigating racist fliers sent to campus

01 Aug 2016

The University of Maine Police Department and university information technology officials are investigating the appearance of racist fliers sent to some campus printers and fax machines. The fliers were transmitted Monday, Aug. 1 and possibly over the weekend. It is unclear at this time whether this is the work of an individual or a group. Members of the university community in offices and computer labs who receive these fliers are asked to report them to the IT Help Center, 581.2506. For anyone in the community with questions or concerns, contact the Division of Student Life, 581.1406.

Riordan to deliver humanities lecture in Castine

02 Aug 2016

Liam Riordan, a University of Maine history professor, will deliver the 2016 Deborah Pulliam Memorial Lecture at Maine Maritime Academy in Castine. Riordan’s talk, “The Promise and the Need: Humanities in the 21st Century,” will be held at 7 p.m. Thursday, Aug. 4 in the 1954 Lecture Hall of the Harold Alfond Student Center. Riordan, who also is director of UMaine’s Humanities Center, will build on his essay, “[The Fabulous Promise and Practical Need for the Humanities in the Twenty-First Century](#),” which appeared in the humanities-themed issue of [Maine Policy Review](#). The program will include a screening of the seven-minute film, “The Heart of the Matter,” which advocates for the humanities. The annual Pulliam Memorial Lecture was established in 2008 as a tribute to the late Deborah Pulliam, a longtime philanthropist and benefactor of the Castine Historical Society who also was a graduate student in the History Department at UMaine. The lecture is sponsored by the Castine Historical Society and is free and open to the public. More information is on [Facebook](#).

VillageSoup advances Rockland poetry reading featuring Ellis

02 Aug 2016

[VillageSoup](#) reported Kathleen Ellis, who teaches poetry and creative writing at the University of Maine, will participate in a Summer Poetry Reading at 6 p.m. Aug. 8 at Rockland Public Library. Rockland Poet Laureate Joanna Hynd will host the reading that will feature Ellis, Dave Morrison and Claire Milliken, according to the article. The event is free and open to the public.

Nursing student’s art on display at Houlton hospital, BDN reports

02 Aug 2016

The [Bangor Daily News](#) published an article about Caeley Brown, a self-taught artist and nursing student at the University of Maine. Brown, a 2014 graduate of Houlton High School, is well known in southern Aroostook County because her mother, who works at Houlton Regional Hospital, displays her pieces for visitors, according to the article. Brown recently participated in a volunteer trip to the Dominican Republic through UMaine to assist a children’s summer camp and impoverished families. To raise money for the trip, she created a Facebook page and offered to draw pictures upon request, the article states.

Crandall writes op-ed on state’s forest economy for BDN

02 Aug 2016

Mindy Crandall, an assistant professor of forest management and economics at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#). The article is titled, "What the rest of us gain by investing in Maine's forest economy."

Maine 4-H program featured in WABI report on Bangor State Fair

02 Aug 2016

Maine 4-H, a program offered through the University of Maine Cooperative Extension, was highlighted in a WABI (Channel 5) report about the Bangor State Fair. Children in the program care for a variety of animals, from full-grown cattle to newborn chicks, according to the report. Exercising, brushing and cleaning the animals are only a few of the responsibilities the children take on in order to show the livestock at the fair. Agricultural demonstrations will be offered daily until Sunday, the report states.

Barrett's first novel debuts at San Diego Comic-Con, BDN reports

02 Aug 2016

The [Bangor Daily News](#) reported Dave Barrett, a lecturer in accounting in the Maine Business School, recently promoted his first novel at Comic-Con in San Diego. Barrett's book, "It's All Fun and Games," goes on sale Aug. 2. The young adult fantasy tells the story of a group of high school friends who find themselves transported from their live action role-playing game into a world of magic, adventure and danger. Publisher Inkshares describes the novel as a "pioneer in the sub-genre of live-action role play in fantasy fiction," according to the article. However, Barrett said he doesn't consider the novel to be a live-action role play book. "I consider it to be escapist fantasy," he said. "It's a fun adventure story. Having the characters start in the LARP was a very seamless way to get them from one world to the other." The novel can be ordered on [Amazon](#).

The Atlantic interviews Gill for piece on Alaskan mammoths' final days

02 Aug 2016

Jacquelyn Gill, a paleoecologist at the University of Maine, spoke with [The Atlantic](#) magazine for the article, "The lonely, thirsty, final days of the doomed Alaskan mammoths." According to the article, a team of scientists led by a Pennsylvania State University researcher have determined what killed a group of the creatures stranded for millennia on an island no bigger than Disney World. The team found the mammoths survived on the island until 5,600 years ago, before going extinct most likely due to thirst brought on by a drying climate, the article states. "It's a really tight story, with multiple lines of proxy evidence supporting the conclusions," said Gill, who also has studied mega-beast extinctions. "It's a likely model for extinction in the near future." Gill's interview with The Atlantic also was cited in a [Washington Post](#) article on the research.

Servello named interim dean of College of Natural Sciences, Forestry, and Agriculture

02 Aug 2016

Frederick Servello has been named interim dean of the College of Natural Sciences, Forestry, and Agriculture, and interim director of the Maine Agricultural and Forest Experiment Station, succeeding Edward Ashworth, who will retire Sept. 30 after 10 years as dean. Servello, currently associate dean for research in the college and associate director of the Maine Agricultural and Forest Experiment Station, will serve a nine-month appointment, Oct. 1–June 30. A national search for dean and Experiment Station director will begin this fall. "We will miss the leadership and vision of Dean Ashworth, and we appreciate the continuity Fred will bring to the interim position, having worked closely with Ed for more than eight years," says Jeffrey Hecker, UMaine executive vice president for academic affairs and provost. "Fred's extensive record of administration, teaching, research and community engagement will serve the college and UMaine well in this transition period." Servello has been a member of the UMaine community for 27 years. He served eight years as associate dean for research in the college and nine years as associate director of the Experiment Station. Prior to these appointments, for five years he was chair of the then Department of Wildlife Ecology. In 2006, Servello received the college's Outstanding Teaching Award. He has a Ph.D. in fisheries and wildlife sciences from Virginia Polytechnic Institute and State University, and has conducted research on the ecology and management of waterbirds in Maine, the impact of moose browsing on forest regeneration, and the foraging ecology of wild turkeys and black bears. Ashworth was a faculty member at Purdue University for 19 years, the last eight as head of the Department of Horticulture and Landscape Architecture, prior to joining the UMaine community. His career

includes 10 years as a plant physiologist for the USDA Agricultural Research Service at the Beltsville Agricultural Research Center in Maryland and Appalachian Fruit Research Station in West Virginia.

Public concerts offered as part of annual Chamber Music Institute

03 Aug 2016

The annual Chamber Music Institute at the University of Maine will feature three public concerts Aug. 6–7 — a performance by New York Philharmonic violinist Jin Suk Yu, and two student performances. Yu, the former concertmaster of the Juilliard Orchestra, will perform with classical pianist Maxim Pakhamov and the Chamber Music Institute Orchestra. Tickets for the Yu concert, 7 p.m. Aug. 6 in Minsky Recital Hall are \$20, \$10 for students and senior citizens, and are available for purchase at the door. The Chamber Music Institute finale concerts at 11 a.m. and 1 p.m. Aug. 7 in Minsky Recital Hall are free. For more information or to request a disability accommodation, call 581.4703. The Chamber Music Institute, July 26–Aug. 7, is a music camp for students of all ages, led by artistic directors Akiko Hirose Silver, a Connecticut-based violinist; and UMaine professor and violinist/violist Anatole Wieck. More information about the Chamber Music Institute is [online](#). Institute organizers collaborated with UMaine Conference Services to plan the event.

Sandweiss elected vice president of Phi Kappa Phi National Honor Society

03 Aug 2016

Dan Sandweiss, a professor of anthropology and quaternary and climate studies at the University of Maine, was elected Vice President for Chapter Development of the Phi Kappa Phi National Honor Society. Sandweiss, who also is director of UMaine's School of Policy and International Affairs, was elected to the position on July 30 at the 2016 Phi Kappa Phi Biennial Convention in Atlanta. Chapter officers, students and members from institutions across the nation and overseas gathered for multiple days of networking, learning and sharing. During the convention, the more than 300 delegates also elected the 2016–2018 leaders. Under the society's previous structure, Sandweiss served two years as the Northeast Regional Vice President and board member. Phi Kappa Phi is the nation's oldest and most selective all-discipline honor society. It 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 headquartered in Baton Rouge, Louisiana with more than 1.25 million members from more than 300 campuses across the United States and the Philippines. Its mission is "to recognize and promote academic excellence in all fields of higher education and to engage the community of scholars in service to others." More about Phi Kappa Phi is [online](#).

Bridgton News cites UMaine Extension in article on invasive plant removal

03 Aug 2016

The University of Maine Cooperative Extension was cited in a [Bridgton News](#) article about the Casco Board of Selectmen's vote to allocate funds to eradicate the invasive Japanese knotweed and to provide follow-up services next summer. The article included descriptive information about the plant from the UMaine Extension website. "Japanese knotweed is a robust perennial herb that emerges early in the spring and forms dense thickets up to 9 feet in height. Thickets may be so dense that virtually all other plant species are shaded out. Large colonies frequently exist as monocultures, reducing the diversity of plant species and significantly altering natural habitat," the website states. "Reproduction from rhizomes (horizontal underground stems), even small fragments, enables the plant to be easily transferred to new sites by flowing water and by soil used as fill. Unchecked, this plant can colonize extensively in riparian areas. Once established, it is difficult to remove."

Sun Journal interviews Brewer about Trump rally in Portland

03 Aug 2016

Mark Brewer, a political science professor at the University of Maine, spoke with the [Sun Journal](#) for an article about Republican presidential candidate Donald Trump's upcoming rally in Portland. So far, Gov. Paul LePage is the only "big-name Maine Republican" that has announced plans to attend, according to the article. U.S. Sen. Susan Collins said she won't be attending, and U.S. Rep. Bruce Poliquin has declined to say whether he will be there, the article states. Poliquin's non-answer is "indicative of the conundrum" he finds himself in, Brewer said. "He won his office in a tight race in 2014," Brewer said of Poliquin. "There are plenty of Maine Republicans who voted for Bruce two years ago who enthusiastically support Donald

Trump, but there are others who would be disgusted if Poliquin endorsed Trump.” The [Bangor Daily News](#) also published the Sun Journal article.

Yarborough speaks with Ellsworth American about ‘new normal’ blueberry harvest

03 Aug 2016

David Yarborough, a blueberry specialist with the University of Maine’s Cooperative Extension, spoke with [The Ellsworth American](#) about this year’s blueberry harvest. A 100-million-pound Maine wild blueberry harvest is now the new normal, according to the article. Despite excessive heat and less than perfect rainfall, Maine’s \$250 million wild blueberry industry is expecting to harvest about 100 million pounds of the native fruit again this season, the article states. “Most of our growers are optimistic that we will have over 100 million pounds, unless we have a heat wave or no rain at all,” Yarborough said. The big yields prompted the U.S. Department of Agriculture to announce in April that it would buy \$13 million in surplus berries this year, according to the report.

Gill, climate change research focus of New York Times blog post

03 Aug 2016

Jacquelyn Gill, a paleoecologist at the University of Maine, was the focus of a [New York Times](#) blog post by Andrew Revkin, a veteran environment writer for the paper. Revkin cited Gill’s work “achieving lead-author status as a graduate student in 2009 on a much-cited paper in Science that shed light on what did, and didn’t, contribute to the great die-off of mammoths and other ‘megafauna’ in North America as the last ice age ended.” He added that she’s “just as talented at communicating science and its significance in clear and compelling ways.” Gill, Revkin and meteorologist Eric Holthaus, who writes for Pacific Standard, co-host “Warm Regards,” a new podcast that focuses on climate change and humanity’s role in shaping it. The latest episode is included in the blog post.

USA Today cites Blackstone in report on Trump’s harassment remarks

03 Aug 2016

Amy Blackstone, a sociology professor at the University of Maine, spoke with [USA Today](#) for the article, “Trump harassment remarks called ‘victim blaming.’” Republican presidential candidate Donald Trump was criticized for saying his daughter Ivanka would “find another career or find another company” if harassed. In a 2012 study, Blackstone and two colleagues found women in positions of power are significantly more likely to experience harassment in the workplace, according to the article. “We often think of harassment as a more powerful man, sort of creeping on a less powerful woman in the workplace,” she said. “But if we think about harassment as a tool to keep women in their place, it makes sense that women in a position of power might be more likely to experience it.” While many equate sexual harassment with sexual advances, harassment in the workplace is wide-ranging, the article states. “Sexual harassment can be offensive remarks made in the workplace, it can be the display of photos or calendars that are offensive to others,” Blackstone said, adding, “It’s a whole host of behaviors.” MSN News also carried the report.

UMaine Cooperative Extension publications offer tips to preserve produce

04 Aug 2016

In August, fruits and vegetables are ripe for the picking and many home gardening enthusiasts may be thinking about preserving the harvest. Gardeners who plan to can or freeze their crop surplus are encouraged to get up-to-date information. UMaine Extension publishes information to help people find, grow, use, preserve and store in-season fruits and vegetables. Featured publications:

- [USDA Complete Guide to Home Canning](#)
- [Freezing Unusual Fruits and Vegetables](#)
- [So Easy to Preserve](#)
- [Let’s Preserve Series](#)
- [Canning and Freezing Quick-Guides and Entire Series](#)

More publications are available through the [Cooperative Extension Publications Catalog](#). Price lists can be found [online](#).

WVH covers Northeast Agricultural and Biological Engineering Conference

04 Aug 2016

[WVH](#) (Channel 7) reported on the Northeast Agricultural and Biological Engineering Conference (NABEC) hosted by the University of Maine. The multiday conference aims to promote engineering as it relates to agriculture, biology and related applications. This year's conference theme is sustainable agriculture and renewable energy. About 75 participants from UMaine along with researchers from other universities, as well as engineers and science professionals from the private sector and government agencies, were invited to share research, watch technical demonstrations and listen to guest speakers. "It's a chance for them to exchange ideas and see what everyone else is doing," said conference organizer Dan Baumert. "It will help them in their work to get new ideas and help them in what they're trying to do."

Doctoral student seeks to end trial-and-error aquaculture

04 Aug 2016

Locals and tourists flocking to the coast to eat fresh shellfish may not know about costs and risks that aquaculturists encounter getting the seafood to the table. One of the biggest issues for aquaculture farmers is selecting lease sites without knowing the physics and biology of the estuary environment, which can result in unpredictable productivity. With more and better information, the industry could become increasingly sustainable, both economically and environmentally. Katie Coupland, a doctoral candidate in oceanography at the University of Maine Darling Marine Center, is working to make that happen. Coupland's mentor, assistant professor Damian Brady, describes her work as "beginning the end of trial-and-error aquaculture." "In aquaculture, we're at a point where there isn't enough information out there to decrease risk, so what we're pursuing in the SEANET program is bringing new information to this field so we can make better decisions and decrease the risk," Brady says. "What's really innovative about our approach is to take those same tools that we've been using for water quality and start applying it to the aquaculture industry, so that we can make viable predictions about a particular marine species and the environment." Coupland utilizes buoys, handheld sensors, computer models and biweekly boat trips to gather water samples that can improve understanding of shellfish growth in different areas of the river and understand the potential for climate to impact the aquaculture industry. She does a lot of work on a computer in her lab, a small building nestled in the pine trees just up the hill from the Darling Marine Center's boat launch. Coupland also regularly gets out in the field, or rather, in the water. During her river research cruise, she obtains data and water samples in additional locations over a much larger area. "Just being out there and feeling — physically — the differences in temperature between the upper and lower river is a lot more meaningful than just seeing the numbers being read out from a buoy," she says. "I love being out there in the field and seeing those differences firsthand and being able to get an idea and that instinctual feeling of how the system is different from the head down to the mouth." Coupland came to UMaine after earning an undergraduate degree in environmental science and management and a master's degree in biological oceanography at the University of Rhode Island. She enrolled in UMaine's School of Marine Sciences to take part in the Sustainable Ecological Aquaculture Network (SEANET) project to learn numerical modeling, a skill that's "applicable and has a direct impact on people outside of academia," more specifically, the community and shellfish growers. The Damariscotta River grows more than 50 percent of the oysters in Maine, which Coupland says makes it a great laboratory in which to learn about the economic value of shellfish aquaculture. Coupland's developing a water current model to estimate the temperature, salinity and the speed of currents in five estuaries of midcoast Maine. The information will enable her to know more about how changes in temperature and precipitation impact shellfish growth differently across the estuaries. She's also developing a water quality model to explore how nutrients and light penetration change based on the physics of the estuaries and how this affects algae and shellfish growth in the Damariscotta River. To do the research, she uses LOBO (land/ocean biogeochemical observatory) buoys, which measure temperature, salinity and pH (acidity of the water), as well as nutrient and chlorophyll levels and turbidity (cloudiness of the water). Because the models provide hourly high-resolution estimates of both the physics and the biology of the river, Coupland can examine short- and long-term responses to weather and climate change. Optimally, her research will yield information about variables in aquaculture, which could bolster economic and environmental sustainability in Maine's changing climate. All of which could help aquaculture farmers reduce their costs and risks as they work to supply seafood for diners on the Maine coast. More information is on the SEANET [website](#). Contact: Kristen Doherty, 207.581.2289

UMaine Extension 4-H seeks volunteers for Union Fair

05 Aug 2016

University of Maine Cooperative Extension 4-H seeks volunteers to teach children about the importance of farming at the 4-H Farm-to-Fair interactive exhibit at the Union Fair from 10 a.m. to 4 p.m. Aug. 20–27. Volunteers will be given an orientation about the exhibit, which includes farming facts to share during the three-hour shift. To sign up to volunteer, get more information or request a disability accommodation, contact Cindy Rogers, 832.0343, cynthia.rogers@maine.edu.

Lobster Institute cited in WMTW report of blue-green lobster

05 Aug 2016

[WMTW](#) (Channel 8 in Portland) cited statistics from the Lobster Institute at the University of Maine in a report about a blue-green lobster caught in Cundys Harbor, Harpswell. According to UMaine's Lobster Institute, one out of every 10 million lobsters is blue, WMTW reported. The crustacean is being donated to the Maine State Aquarium in Boothbay Harbor, the report states.

Berlynna Heres: From working with rattlesnakes to American eels

05 Aug 2016

Berlynna Heres, a doctoral student in the Department of Wildlife, Fisheries, and Conservation, is applying her passion for snakes to her new research focus at the University of Maine — the American eel. American eels, common residents in Maine's lakes and waterways, migrate to the ocean to spawn. Occasionally the fish must navigate one of the state's hydroelectric dams while on the journey and risk being injured, or even killed, by their turbines. Heres' research, part of the George J. Mitchell Center for Sustainability Solutions led Future of Dams project, seeks to combine our current understanding of the migration of the American eel with the effect hydroelectric dams have on this process. She hopes to develop a real-time, eel-movement tool for fisheries managers throughout the world. It will be a tool that can accurately inform dam operators about the timing of eel migrations and help minimize the risk to the fish as they migrate downstream. "If we could improve our eel fishery it could be a huge source of income in the U.S. market, but just as important, these fish are important members of an ecosystem, an important member of the food chain," says Heres. *Read more about Heres' research on the George J. Mitchell Center for Sustainability [website](#).*

UMaine helps bring 'Transformer Tales' to the stage

08 Aug 2016

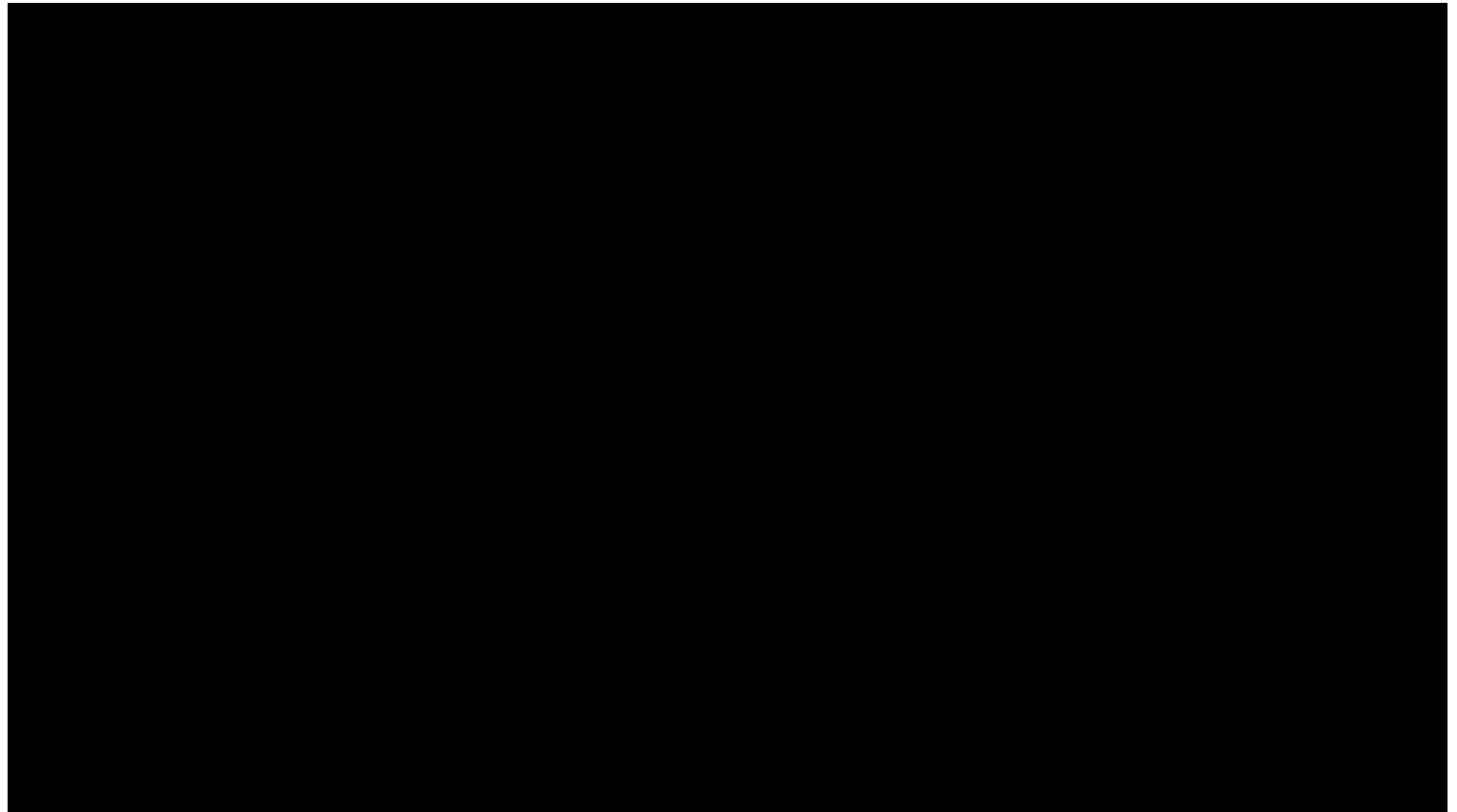
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THIS PROJECT IS SUPPORTED IN PART BY AN AWARD FROM THE NATIONAL ENDOWMENT FOR THE ARTS AND WITH FUNDING FROM: CITY OF BANGOR - C. WALTER PARKER FAMILY FOUNDATION - EX-111 FOUNDATION - MAINE HUMANITIES COUNCIL-MORTON-KELLY CHARITABLE TRUST - SELOW & SUMMERFIELD FOUNDATION - SEVEN EYLES MEDIA - DARLING'S NISSAN

For the past year, Professor of English Margo Lukens has collaborated with Carol Dana and other members of the Penobscot Nation to research and bring to the stage turn-of-the-century Wabanaki stories.

Those stories have been compiled into a script for dramatic performance including poems, music and Penobscot language, presented by Penobscot Theatre Company, Aug. 11–14. "Transformer Tales: Stories of the Dawnland," conceived by local Penobscot artists, will be performed at 6 p.m. Aug. 11 at Indian Island School; 7 p.m. Aug. 12–13 at Bangor Opera House; and 3 p.m. performance Aug. 14 at Blackwoods Amphitheater, Acadia National Park. Ticket information is [online](#). The performances, part of the National Park Service's Centennial Celebration, are supported by an award from the National Endowment for the Arts and local sponsors, including the University of Maine Humanities Center. Lukens' research interests include Wabanaki literary and storytelling history, and Native American and First Nations plays and playwrights. She teaches Native American literature, and has produced and directed Native plays. In conjunction with "Transformer Tales," Lukens led a July 18 forum at Penobscot Theatre to promote community conversation around Native stories of the past, present and future. Joining her in the discussion were Assiniboine playwright William S. Yellow Robe Jr., UMaine's fall 2016 Visiting Libra Professor in English and Theatre; and Carol Dana and Donna Loring of the Penobscot Nation.

Saving salmon, one embryo at a time

08 Aug 2016



[Read transcript](#) For the past 15 years, aquacultural salmon farmers in Maine have struggled with plummeting embryo survival rates, forcing them to drastically increase the number of eggs they produce — which comes with a hefty price tag. LeeAnne Thayer, Ph.D. candidate in marine sciences at the University of Maine, is determined to find out what is causing the declines. Working with Heather Hamlin, assistant professor of aquaculture and marine biology, the researchers are studying the embryonic development of salmon in order to increase their survival rates, save farmers money and keep Maine's aquaculture industry afloat.

Transcript

LeeAnne Thayer: All the farmers had this one problem, and it was that their salmon egg survival was decreasing. It had been decreasing for about 10 to 15 years. All of them are like, "Why is this happening? What's going on?" **Heather Hamlin:** Farmers used to be able to rely on 90 percent, maybe 80 percent or above in embryo survival. Today average embryo survival is around 50 percent. It's significantly less than it used to be. **Greg Lambert:** If we have egg short fall at any given year, you can't really plan for that. Maybe, instead of growing 30 million eggs, we might have to plan for 50 million eggs. You're really spending a lot more money than you actually need to. **LeeAnne Thayer:** For a whole year we're going to raise Atlantic

salmon, and once a month we're going to take their blood samples and see, "Are they going through their cycle?" I'm looking at the eyes because this is a significant milestone in their development. When the eyes appear, I know that there's actually an embryo inside here and that the embryo is going to survive until hatch. **Amanda Charest:** I'm working on a capstone with Heather looking at the histology and development of larval Atlantic salmon to get good pictures of their development to track their cartilage and bone. My project helps them determine whether or not these female respond at the right time. Also, it helps to determine whether or not their hormones have anything to do with how the eggs are developing. Once the two data sets are put together, we can figure out if there's a correlation between certain hormones and certain egg developmental processes.

Greg Lambert: If we were able to bring back their survival back to 80–90 percent consistently, that would allow us to carry fewer brood stock on a given year, and that would be a huge saving for a company like this. **Heather Hamlin:** One of the great missions of the university is to help industry. It's to help the economy of Maine. Our edict in our lab and many labs at the university is to basically try and help farmers. **Greg Lambert:** It's very refreshing to see a researcher come to you and say, "What's your problem? What can I help with?" [Back to post](#)

Media cover first football practice

08 Aug 2016

A number of media outlets reported on the University of Maine football team's first day of practice and first-year head coach Joe Harasymiak. Those included the [Hartford Courant](#), [WCSH6](#), [WMTW](#), Fox 22 and WABI (Channel 5). The Black Bears open the season Sept. 1 at the University of Connecticut. The first home game is Sept. 24 with James Madison.

Orach featured in PPH after Beach to Beacon

08 Aug 2016

University of Maine graduate student Jesse Orach was highlighted in the [Portland Press Herald](#) after he won the Maine men's division in his first-ever Beach to Beacon race in Cape Elizabeth. Orach, who missed the sign-up for the race and got to take part after one of his friend's mothers couldn't participate and he paid the entry transfer fee, won the division in 31 minutes, 32 seconds. Orach graduated from UMaine this past spring with a degree in chemical engineering. Last year, he won the Dean Smith award and was named the America East Men's Cross Country Scholar-Athlete. This fall, he'll return to UMaine earn a master's degree in business and run cross-country. [WCSH6](#) also covered Orach's division win.

WLBZ interviews Swift about 1984 Olympics

08 Aug 2016

Former University of Maine and Major League pitcher Bill Swift talked with WLBZ (Channel 2) about winning a silver medal as a member of the U.S. baseball team in the 1984 Summer Olympics in Los Angeles. In addition to the experience with the team, in which he hurled six shutout innings against Nicaragua, Swift enjoyed the Opening Ceremony and meeting other U.S. athletes, including Michael Jordan, Charles Barkley and Greg Louganis. Swift coaches baseball at Arizona Christian University.

UMaine staff cited in articles about drought

08 Aug 2016

University of Maine staff members Mark Hutton, Sean Birkel and John Rebar were cited in [Portland Press Herald](#) and [Bangor Daily News](#) articles about the impact of the drought in southern Maine. The Portland Press Herald piece indicated some fruits and vegetables — including tomatoes and watermelon — are faring well during the drought, but that others — including broccoli and mesclun are not. According to the article, the National Drought Monitor indicated much of York County and southern Cumberland County was in "severe drought" while "moderate drought" conditions extended to the Camden-Rockport area. "A lot of our crops are coming in sooner because of the warm temperatures," said Hutton, an assistant professor of vegetable crops with the College of Natural Sciences, Forestry, and Agriculture, and a vegetable specialist with the University of Maine Cooperative Extension. "Yields in general are pretty good, particularly from the farms that have the capability to irrigate, which most of our farmers do to some extent." In the BDN article, Rebar, executive director of UMaine Extension, said while the drought has hit York and Cumberland counties hardest, northern Maine has had above average precipitation this year. "Someone's pain is another person's pleasure," he said. Birkel, the state climatologist and UMaine research assistant professor with the Climate Change Institute, said since May 1, Portland has received 8.2 inches of rain — a 31-percent deficit

compared to normal. Birkel also predicted the next three months will be warmer than normal. WABI (Channel 5) spoke with Rick Kersbergen, a University of Maine Cooperative Extension professor in Waldo County, about how the drought conditions are affecting Maine dairy farms. [Mainebiz](#) also reported on the drought, citing the Press Herald article.

UMaine Extension staff to appear on regular radio segment

09 Aug 2016

University of Maine Cooperative Extension faculty and professional staff will take to the WZON AM 620 airwaves starting Aug. 25 for a half-hour live segment with host Don Cookson at 8 a.m. every other Thursday on seasonal topics — from horticulture, food preservation and safety, pest management and the growth of local foods to small business (particularly food-based businesses), STEM education and environmental education for youth.

UMaine Extension services mentioned in Sun Journal gardening column

09 Aug 2016

The University of Maine Cooperative Extension was mentioned in a Sun Journal gardening column titled “Time to water liberally and fertilize with optimism.” The author provides suggestions for gardens in mid-August. Many UMaine Extension offices also provide classes and resources in preserving the harvest, the article states.

Students travel to Chile for international competition, WABI reports

09 Aug 2016

WABI (Channel 5) reported 10 students from across the country who are participating in an intensive research course at the University of Maine are traveling to Chile for an international competition. The students, who have been working at UMaine’s Forest Bioproducts Research Institute, will discuss sustainable product development and biofuel generation with a panel of judges, according to the report. “It’s to get students excited about research as a career because we need scientists to be able to carry on and develop new materials and new products for the future,” said Doug Gardner, a professor of forest operations, bioproducts and bioenergy at UMaine, who is accompanying students on the trip. Students will spend six days in Chile and compete against other college students from around the world, the report states.

Boston Globe publishes op-ed on broadcasting Olympics by Socolow

09 Aug 2016

[The Boston Globe](#) published an opinion piece by Michael Socolow, an associate professor of communication and journalism at the University of Maine, titled “Broadcast the Olympics live. History demands it.” Socolow’s book, “Six Minutes in Berlin: Broadcast Spectacle and Rowing Gold at the Nazi Olympics” will be published this fall. [Daily Mail](#) cited Socolow’s Boston Globe column in the article, “US viewers blast NBC coverage of Rio Olympics,” as well as in a follow-up [report](#) on viewership.

Ocean salt, temperature can barricade phytoplankton, impact food web

09 Aug 2016

Subtle, fleeting differences in ocean salinity or temperature can act as physical barricades for phytoplankton, which results in a patchy distribution of the most important food resource in the ocean and may explain the large biodiversity in the sea, say University of Copenhagen and University of Maine researchers. Ocean currents transport phytoplankton, or microscopic algae, that float in the sea. And researchers say the composition of phytoplankton communities affects other microscopic organisms, fish and even whales, as phytoplankton constitutes the base of the food web in the sea. Research from the Center for Macroecology, Evolution and Climate at the University of Copenhagen gives insight into how the high biodiversity of phytoplankton is maintained and how the food web might be affected. UMaine Professor Emerita Mary Jane Perry co-authored the study, as did Ivona Cetinic, an adjunct professor at UMaine and research oceanographer at GESTAR USRA/NASA Goddard Space Flight Center. “The oceans are full of invisible barriers that occur when temperature or salinity changes. Our new research shows that even short-lived barriers of just a couple of days or weeks, are enough to influence phytoplankton communities,” says Erik Mousing, lead author and postdoc at the Center for Macroecology, Evolution and Climate at

University of Copenhagen. In recent decades, researchers have increasingly understood how small organisms are separated by relatively permanent fronts in the sea caused, for example, by large ocean currents. This is the first time that researchers demonstrated that brief changes in salinity or temperature also lead to changes in the composition of algae communities. While it's known that physical barriers on land, including rivers and mountains, can lead, over time, to the development of new plant and animal species, oceans have primarily been perceived as homogeneous environments. Thus, it's been difficult to explain the large biodiversity of small algae. "Our results show that the distribution of phytoplankton is much patchier than previously assumed as a result of these commonly occurring weak fronts," says Katherine Richardson, professor at the Center for Macroecology, Evolution and Climate. "Coupled with the short generation time of phytoplankton, the local barriers caused by these fronts could help explain why phytoplankton diversity is so large. Thus, at least in terms of the overall mechanisms controlling biodiversity, the terrestrial and marine systems are not fundamentally different." In the study, published in the *Journal of Ecology*, researchers analyzed 30 samples of phytoplankton from 16 locations in the North Atlantic. They also measured temperature and salinity at different water depths. Based on the samples, they mapped out a front with different salinities on each side and found the species composition of phytoplankton was significantly different on either side of the front. Perry says the results of this work, part of a larger study of the North Atlantic spring bloom she led several years ago, shows the value of comprehensive interdisciplinary studies. The phytoplankton data collected during this program was one of the most comprehensive in the open ocean, she says. Cetinic says the study allows researchers to see the mosaic of oceanic phytoplankton in new and exciting ways. "Although our research has focused on the North Atlantic region, these short-lived fronts occur in all the world's oceans; hence, these delicate interactions between phytoplankton and ocean physics could be widespread all over the globe," she says. "Studies such as this one emphasize the need for a global, satellite-based view of oceanic phytoplankton communities, such as NASA's upcoming mission PACE." The research was conducted in cooperation with the Danish ClimateLab and was supported by the U.S. National Science Foundation and NASA. Contact: Beth Staples, 207.581.3777

'Threads of Our Lives' headed to American Folk Festival, Maine libraries

09 Aug 2016

"Threads of Our Lives: Maine Folk Fiber Art," featuring demonstrations and exhibition panels highlighting the diversity of the fiber arts statewide, will debut at the American Folk Festival in Bangor, Aug. 27–28, sponsored by the Maine Folklife Center at the University of Maine. The exhibit and more artist demonstrators, supported by a \$1,400 grant from the Maine Arts Commission, will then be featured this fall at libraries in Houlton, Bangor and Lewiston. In 2017, the exhibit panels will be available to all Maine libraries through the state's interlibrary loan system. The following Maine textile artists will demonstrate at the American Folk Festival: **Saturday**

- Noon–12:45 p.m., Jennifer Neptune, Old Town: Penobscot beader
- 12:55–1:40 p.m., Simin Khosravani, Glenburn: Khosravani apprentice weaver
- 1:50–2:35 p.m., Panel: fiber arts in literature and life, led by Sarah Harlan-Haughey of Orono
- 2:45–3:30 p.m., TBA
- 3:40–4:25 p.m., Kavya Seshachar, Cape Elizabeth: Indian crocheter
- 4:30–5 p.m., Fashion Show: bring your wearable homemade fiber art to show

Sunday

- Noon–12:45 p.m., Stephanie Crossman, Vinalhaven: netting artist
- 12:55–1:40 p.m., Kavya Seshachar, Cape Elizabeth: Indian crocheter
- 1:45–2:15 p.m., Fashion Show: bring your wearable homemade fiber art to show
- 2:25–3:10 p.m., Panel: fiber arts in literature and life led by Sarah Harlan-Haughey of Orono
- 3:20–4:05 p.m., Simin Khosravani, Glenburn: Khosravani apprentice weaver
- 4:15–5 p.m., Jennifer Neptune, Old Town: Penobscot beader

The National Endowment for the Arts funded "Threads of Our Lives" with a \$25,000 grant to the Maine Folklife Center to support fieldwork, exhibit preparation, and demonstrations. With NEA support, Maine Folklife Center staff and a graduate research assistant spent 12 months conducting field research and reviewing archival materials to develop the new traveling exhibit, featuring four freestanding panels with photographs and text describing traditional fiber arts from Maine. The new fieldwork expands the collection of the Northeast Archives of Folklore and Oral History. The current collection includes artists documented for the "Remnants of Our Lives" traveling exhibit at the Hudson Museum in 1992, also funded by the National Endowment for the Arts, representing Maine's historically significant Anglo American, Native American, Finnish and Franco

American fiber artists. The newest fieldwork addresses the need to document the textile traditions of the state's new Mainer populations. In addition to the exhibition panels, staff members are preparing an online handbook that will give tips on how to plan an event related to the exhibit, list Maine fiber folk artists who are interested in demonstrating, and include transcripts and audio recordings of artists. The Maine Folklife Center at UMaine is devoted to the documentation and study of the folklife and oral history of Maine and the region. More information is [online](#). Contact: Margaret Nagle, 207.581.3745

The environmental legacy of acid rain

09 Aug 2016

For Stephen Norton, lakes hold a treasure trove of precious scientific information. For the past 40 years, Norton, professor emeritus at the University of Maine, has studied lakes by evaluating sediment cores from around the world. Using the cores taken from the bottom of lakes, he is able to determine the age of the sediment (using radioactive lead and carbon-dating techniques) to see what the environment was like thousands of years ago. "I started in the days when our culture, and the European culture, were extremely worried about acid rain. Pure and simple, if you put acid up into the atmosphere, not just carbon dioxide as you hear about today, but sulfuric acid and nitric acid, from the burning of fossil fuels and smelting, the acid is going to come down," says Norton. "Part of the acid rain problem was that not only were we putting acids into the atmosphere, we were also putting trace metals into global circulation, in particular cadmium, zinc, lead, and mercury." The acidity in atmospheric deposition slowly changes forest soils, explains Norton. "If you lower the pH (increasing the acidity) of soils, then the surface waters become more acidic, which impacts fish, and ultimately humans," says Norton.

<https://youtu.be/PuuGiN8oMHk> [Read transcript](#) Lake and peat sediments archive pollutants from the atmosphere, thus indirectly recording changes in deposition through time, creating an environmental timeline of pollution for researchers. Lead pollution received considerable attention in the 1970s and 1980s when many studies demonstrated that the rate of lead deposited in the atmosphere was much greater than in pre-industrial times, largely as a consequence of using a lead additive in gasoline. After the implementation of the 1970 Clean Air Act in the U.S., and the 1991 Convention on Long-Range Transport of Atmospheric Pollutants of the United Nations Economic Commission for Europe, lead in the atmosphere declined rapidly and to nearly naturally occurring levels. "Lead in the atmosphere went from quite high, to virtually nothing over two to three decades. But there is still legacy lead in the watershed soils. As lead was declining, mercury's toxicity became better known. And people started to look hard at mercury in the food chain, particularly in fish," says Norton. Mercury is deposited from the atmosphere directly to watersheds in rain and snow and, perhaps more importantly, absorbed by tree leaves and woody tissue; when the leaves fall, that mercury is deposited into the leaf litter of forests. "In general, leaves on trees, particularly spruce, fir, hemlock, and pine (all softwoods), which have lots of leaf area, are very efficient collectors of pollution. While mercury is substantially reduced in atmospheric deposition, there is still a hundred-year legacy of mercury deposition residing in peat and forest soils," says Norton. As the climate continues to warm mercury that has accumulated in soils and peat sediment will be slowly released into surface water, and back into the atmosphere. Researchers at the University of Maine and in the Czech Republic evaluated four long-term sediment records to understand how much lead and mercury is natural in the environment, and if the sediment archives represent accurate rates of atmospheric deposition. "These data show us what the background values were. So if we are trying to decrease emissions we can know where our environment is now, and what our goal is for recovery," says Norton. "If we go back 200 years in the sediment in Maine, is the accumulation rate of mercury and lead and other elements the same as 1,000 or even 10,000 years ago and, if not, how have things changed and why have they changed." Cores were taken from Sargent Mountain Pond in Acadia National Park; Plesne Lake in southwestern Czech Republic; Lake Tulane in central Florida; and Caribou Bog in Orono, Maine. Each of the sites illustrated how long-term environmental changes influence the deposition and net retention of mercury and lead. The researchers identified forestation, changing groundwater hydrology, evolution of the watershed and lake system, and recent anthropogenic atmospheric pollution as factors that determine the long-term accumulation of these pollutants in various environments. The researchers found that the accumulation rate of mercury and lead deposited in lake and peat sediments depended on the location and characteristics of the landscape. "This study helped us answer the question of 'what is normal.' And it turns out what's normal is dictated by several factors, including climate, vegetation, topography, and atmospheric changes. This information will help us more efficiently monitor these chemicals in our environment and help direct remedial action," says Norton. The research resulted in a paper, published this year in the journal *Environmental Chemistry*, is titled, "A comparative study of long-term Hg and Pb sediment archives." George Jacobson, emeritus professor of biology, ecology and climate change at UMaine, co-authored the paper, along with two researchers from the Czech Republic. Norton began collaborating with researchers in the Czech Republic in 1987, when he collected a core from a lake on the border of the Czech Republic (at the time, Czechoslovakia) and Austria that was in an active war alert zone. "It was quite exciting, exhilarating, and at times extremely scary," said Norton. "These four cores have enabled us to say how the ecosystem influences deposition of mercury and lead over a long period of time and that there really is no single number we can point to for background rates of pollutant deposition. That number is heavily dependant on the location and environmental conditions." Norton and the University of Maine were charter members in the formation of

the National Atmospheric Deposition Program (NADP), which was conceived in 1977 to measure atmospheric deposition and study its effects on the environment. There are now 225 sites across North America that collect precipitation samples weekly and send them to a central laboratory to be analyzed. The data are published in the form of interactive maps. Contact: Margaret Nagle, 207.581.3745

Transcript

Stephen Norton: I study the distribution and redistribution of chemicals in the near-surface environment of the Earth. From atmospheric deposition of chemicals, to chemicals derived from the soil and their final resting place, which is either in soils, or in lakes or, ultimately, out into the oceans. To do that, I do experiments on the scale of, practically, the laboratory, on up to entire ecosystems. I look at lake sediment cores, which are archives of change. I look at peat cores, which are archives of change. I collaborate with colleagues, who take the information that I and my colleagues develop, and develop models so that we can predict future behavior of these systems. Earth puts limits on us. There are natural limits to growth. We're pushing the envelope, with respect to the chemicals that we're putting into our environment, with the possible manipulation of our climate, in unknown, unpredictable ways at the moment, except, things seem to be warming and we seem to be related to that. As we move forward, we've got to understand better how our behavior influences the environment, which supposedly is going to nourish us, and feed us, and take care of us. The answers to some questions can be found in Maine. We can certainly look at the impact, in Maine, of long-range transport of atmospheric pollutants. We have to understand how Earth's climate system works, the transport of pollutants. For example, pollution is now increasing in Alaska. That is the result of what's happening in Asia, the development in China primarily. From the chemical perspective, and certainly from the physical perspective, Earth is a great big system. It's all connected. The more we look beyond our borders, the more we can understand about what's happening within our borders. Science is nothing more than a progress report of our best understanding, at that time, of how things work. We're always going to uncover things we don't, and we hope that the level of understanding improves through time. [Back to post](#)

High school youth gain summer STEM experiences at UMaine

09 Aug 2016

This summer, the Maine EPSCoR High School Research Internship Program celebrates its 10th year of engaging high school students in collegiate-level STEM (science, technology, engineering and mathematics) opportunities. Students, who are currently engaged in research in their respective fields of interest, will present posters on their findings 2–4 p.m. Wednesday, Aug. 17, at the Mitchell Center for Sustainability Solutions, Room 107 in Norman Smith Hall. Barbara Cole, professor and chair of chemistry at the University of Maine, founded and coordinates the program. “I think the level of the work that the students are capable of is amazing; for them to have an avenue is a magnificent opportunity. I’ve seen many capable of graduate and Ph.D. level work,” she says. Cole created the program so high-achieving area high school students could have enriching STEM experiences outside the classroom. At the beginning, the internship’s capacity was nine students — all from the Orono school system. Today, between 40–60 youth apply annually and about 25 students are selected from schools within commuting distance to UMaine. Laurie Bragg, outreach and program manager at Maine EPSCoR at UMaine, joined Cole in 2013. While overseeing the internship program, she’s witnessed how it helps students realize their interests and strengths. “I’ve seen the value in the program for the students; it provides them with the opportunity to work in the labs and to see potential career paths in STEM that they would otherwise not be exposed to until well into their college career,” says Bragg. Cole says the best thing about the program is that it enables students to experience real-world science. “This is true at a university level too; in classes we know what’s going to happen, we’ve designed experiments for students to learn specific things,” she says. “Students in this program get to see how research really works, and that sometimes things work, sometimes they don’t. Teaching kids earlier rather than later makes them become better scientists. And for that matter, it helps some decide whether or not they even want to be scientists.” Participants also are introduced to science ethics. The program is intended to build integrity, test comfort zones and inspire curiosity. While STEM can be challenging, Cole says scientists build community when they work together to find solutions. “It’s a way to have students see learning up close and personal; when you walk into the lab, we’re all struggling,” she says. “Your results are not always going to agree with what everyone else thinks you’re supposed to be getting, but that’s part of the deal.” Contact: Andrea Littlefield, 207.581.2289

Workshop available for faculty, students seeking research funding

10 Aug 2016

The University of Maine and the National Science Foundation invite faculty and college students to attend a workshop that gives insights about submitting proposals for federal money to fund research on Thursday, Oct. 13, at the Cross Insurance Center in Bangor. At NSF Day, early career and tenure track faculty, as well as college students, will get an overview about writing competitive proposals and learn about the NSF review process for funding science, engineering and education research. The workshop, which will run from 7:30 a.m. to 6 p.m., is a behind-the-scenes look at the NSF mission, priorities and budget. It is for researchers and students from colleges and universities in Maine, New Hampshire, Vermont and Rhode Island. In addition to lectures and interactive sessions, NSF representatives will be available to answer questions and host program-specific breakout talks. Space is limited; to guarantee a spot, register [online](#) by Friday, Oct. 7. The \$35 fee covers the workshop, continental breakfast, lunch and snacks. For more information, contact Andrea Littlefield at andrea.littlefield@maine.edu or nsfday@nsf.gov.

Maine Food Strategy to hold annual summit at UMaine, media report

10 Aug 2016

The [Portland Press Herald](#) and [Mainebiz](#) published articles about the latest report released by the Maine Food Strategy, a collection of people, businesses and organizations that work in food production. The group reviewed more than 200 reports and conducted over 200 interviews to set priorities for strengthening Maine's food system and making it a robust part of the state's economy, according to the Press Herald. The report is titled "The Maine Food Strategy Framework: A Tool for Advancing Maine's Food System." Josh Stoll, a member of the Maine Food Strategy steering committee, Ph.D. candidate in the University of Maine School of Marine Sciences, and founder of [LocalCatch.org](#), told the Press Herald people are looking at the 29-page report as a "starting point." The network plans to assess its progress at a statewide food summit Dec. 2 at UMaine's Wells Conference Center. "People say it's great to eat, fun to get local food, but at the end of the day it's also about strengthening the local Maine economy and creating new economic opportunities, and it being part of the economic engine that is Maine," Stoll said.

Brewer speaks with MPBN about Sen. Collins, Trump

10 Aug 2016

The [Maine Public Broadcasting Network](#) spoke with Mark Brewer, a political science professor at the University of Maine, for a report about U.S. Sen. Susan Collins' decision to not endorse Republican presidential candidate Donald Trump. Her choice marks a departure from the senior senator's history of supporting the Republican presidential nominee, according to the report. "I think it definitely hurts Trump in Maine," Brewer said. "I don't think there's any doubt about that, because Susan Collins is very popular in Maine."

Faulkner, Borns quoted in BDN article on new Milo museum

10 Aug 2016

Hal Borns, professor emeritus of geology and founding director of the Climate Change Institute at the University of Maine, and Gretchen Faulkner, director of the Hudson Museum at UMaine, were quoted in a Bangor Daily News article about a new natural history museum in Milo. Retired telecommunications engineer Tom Harrigan and his wife have opened a new museum of paleontology, geology and archeology, filling it with thousands of specimens collected during a lifetime of travel throughout the world, according to the article. "This is a great gem of a museum, well put together and totally correct," Borns said of the Harrigan Learning Center and Museum. Borns met Harrigan three years ago and has supported the museum project ever since, the article states. While the collection doesn't contain any unique specimens or surprises, he said, it represents a remarkable opportunity for Mainers to view a global collection. "It is unique to central Maine and in no way distorts Earth's history at all," he said. Faulkner, who also is a board member of Maine Archives and Museums, visited the Harrigan museum recently. "It is very nicely done," she said. "It is quite a comprehensive collection, and [Harrigan] interprets it very well for visitors."

Five luxury boxes to be transformed into lounge at Alfond Arena, BDN reports

11 Aug 2016

The [Bangor Daily News](#) reported five luxury box suites at the University of Maine's Alfond Arena will be transformed into a lounge for the coming hockey season. Seventy-eight seats will be available within the lounge at \$2,000 apiece, which averages to \$117.65 per game for 17 games, according to the article. Parking, food and drinks will all be free, and there will be

television sets in the lounge, the article states. Will Biberstein, the university's senior associate athletics director for operations, said support for the project will come from the building maintenance fund.

ABC News cites Lobster Institute in report of blue lobster caught in Massachusetts

11 Aug 2016

[ABC News](#) cited statistics from the Lobster Institute at the University of Maine in a report about a bright blue lobster caught off the coast of Cape Cod. Oceanographers estimate that just one in two million lobsters is blue, according to the Lobster Institute. The coloring comes from an excessive amount of a particular protein produced by a genetic defect, according to the report. [Plymouth Patch](#) also reported on the crustacean and cited the Lobster Institute.

Maine Edge previews Collins Center for the Arts season

11 Aug 2016

[The Maine Edge](#) published an article advancing the 31st season of the Collins Center for the Arts at the University of Maine. The CCA is a "cornerstone of the region's creative and cultural landscape," the article states. Its history of booking exceptional acts continues with the 2016–2017 season, one that features bands, comedians, chamber music, dance troupes, plays and several national tours of Broadway musicals, according to the article. "I want to say that this season features the most Broadway shows we've ever had," said Karen Cole, associate director of the CCA. "I've looked back through past brochures and I've never seen anything like this." Danny Williams, executive director of the CCA, said the center is excited about this season. "It thrills us to no end to have such a slate of excellent [Broadway] shows," he said, speaking of "Rent," "Once," "Annie" and "Pippin." "Like any season, we have things that become anchor points for the season," Williams said. "These Broadway shows have become those anchor points, largely because they're nicely spread out over the course of the season."

Ph.D. student's research recognized at Institute of Food Technologists meeting

12 Aug 2016

Adeseye Lasekan, a Ph.D. student in the Food Science and Human Nutrition Program in the School of Food and Agriculture, was awarded first place in the Toxicology and Safety Evaluation Division student research poster competition organized by the Institute of Food Technologists (IFT). He is working with Balunkeswar (Balu) Nayak, an assistant professor of food processing at the University of Maine. Lasekan was selected as one of the six finalists for the poster competition held at the 2016 IFT Annual Meeting and Food Expo in Chicago on July 16. Lasekan has been exploring the effects of different food processing methods on the allergenic capacity of tropomyosin, a muscle protein and major shellfish allergen. He has worked on evaluating the effect of different thermal and chemical treatments on the immunoreactivity (binding to antibodies) of the allergen. His research found that shellfish tropomyosin retained its allergenic capacity during heat treatment and even in high-acid environments. In addition, Lasekan was awarded the Feeding Tomorrow Graduate Scholarship at IFT16. The scholarship recipients were selected based on their outstanding scholastic achievements, leadership role in IFT, and their devotion to the field of food science and technology. At the conference, the recipients also had the opportunity to meet with the IFT board of trustees.

Kennebec Journal quotes Yarborough in report on blueberry crop, drought

12 Aug 2016

David Yarborough, a blueberry specialist with the University of Maine's Cooperative Extension and a professor of horticulture in the School of Food and Agriculture, spoke with the [Kennebec Journal](#) for an article about how some Maine blueberry farmers are using irrigation systems to deal with the recent drought. Maine is about halfway through its typical harvest season and current projections show a production of about 80 million pounds of wild blueberries, slightly below the normal hauls of 85 million to 90 million pounds, according to the article. Yarborough said the industry was in good shape earlier in the year and had potential to see a crop around 100 million pounds, as was the case last year, but rainfall has been down about an inch per month since the summer began. Precipitation has been more erratic and limiting over the last several years as the climate continues to change, Yarborough said, and the hot weather causes stress on the plants. "They need moisture to cool off," he said. "And if they can't get it from rainfall, the plants will start taking moisture from the berries."

Howard quoted in Inverse article on universal basic income

12 Aug 2016

Michael Howard, a philosophy professor at the University of Maine, was interviewed by [Inverse](#) for the article, “Robots could make universal income a necessity.” Universal basic income — the concept that all citizens, regardless of their career, should have a guaranteed wage — dates back to the 16th century, but it’s never been successfully implemented, according to the article. As automated workers take more and more jobs from human beings, the article argues basic income might be the only way to keep the country’s economy afloat. In 1969, President Richard Nixon briefly championed a version of guaranteed income that allocated government funds only to the working poor, the article states. “People withdrew from the labor market, but the kind of labor market withdrawal you got was the kind you would welcome,” Howard said, referring to people using the money to earn degrees or create art. Since pilot projects can never determine the true effects of a universal basic income, the only way to know for sure is if the country decides to institute a program and fine tune it along the way, according to Howard. “Despite years and years of anti-poverty programs, we still have a huge amount of poverty in America and around the world,” he said. “The simplest solution to poverty is just to give people the money they need.”

Olsen’s saltmarsh sparrow research cited in blog of PBS show ‘Nature’

12 Aug 2016

[Nature NOW](#), the blog of the PBS documentary show “Nature,” cited research conducted by Brian Olsen, an associate professor of biology and ecology at the University of Maine, in the post, “Can the saltmarsh sparrow keep its head above water?” According to the article, the tiny coastal bird is rapidly disappearing from the eastern United States because of changes to the coastal marshes they nest in. Increased flooding in these areas likely caused by development and sea-level rise seems to be causing the decline, the article states. Olsen and other researchers are working with the U.S. Fish and Wildlife Service to gather information that could help protect the birds under the Endangered Species Act. “If it gets protected, it would be the first bird listed primarily due to things related to climate change,” Olsen said. Meanwhile, several research projects are looking into ways to manage the effects of sea-level rise, which could also result in the creation of new marshes. “Our projections right now have the birds at complete extinction within 30 to 50 years,” Olsen said. “If it takes 40 to 60 years to get a marsh ready, there may not be any birds left. That’s kind of a scary place to be.”

Bangor Metro magazine publishes feature on Manion

12 Aug 2016

Bangor Metro magazine published a feature article on Will Manion, a professor of construction engineering technology at the University of Maine. According to the article, the Old Town resident’s passion for the industry keeps him working in the field when he’s not in the classroom. “Both civil and construction engineering are very people-oriented professions. We’re the folks that design, build, maintain and do the management of all the roads, bridges, buildings, schools and just about everything we live and work in,” Manion said. For almost two decades, Manion has been teaching students about the industry. He started his career in civil engineering before switching to construction technology, where he’s been making changes in the curriculum to keep students up to date with today’s industry needs, the article states. “The construction industry is a little different now, and I’m trying to change things up a bit so we appeal more to the millennial generation,” he said. “The BIM course, which stands for Building Information Modeling, is new. It’s essentially building a building on a computer in 3-D before we actually construct it. And I kind of reinvented the whole senior capstone sequence where the students will do little service projects for different community organizations essentially helping them out, investigating and maybe doing a little design work for them.” Manion’s students have donated their time and building skills to Leonard’s Mills in Bradley and Habitat for Humanity of Greater Bangor, the article states.

Charlotte Quigley: Researching how water temperatures affect kelp growth

15 Aug 2016

[Read transcript](#) Charlotte

Quigley is a Ph.D. student at the University of Maine studying marine biology. Her research focuses on alaria (a type of sea vegetable) and how changing water temperatures affect its growth. By studying and testing its genetic structure, Quigley hopes to supply a sustainable, temperature tolerant crop for Maine's aquaculture future.

Transcript

Charlotte Quigley: I'm a Ph.D. candidate in the School of Marine Sciences at the University of Maine in Orono. My degree will be in marine biology. My marine ecology phase was my favorite phase in college. Then I kind of completely went sidetracked and got a job in Costa Rica working in cloud forest, working with plants and being a naturalist down there and working with ecotourism and students. But then I kind of wanted to circle back to New England. I'm originally from Hanover, Massachusetts and I grew up in Dover, Massachusetts. SEANET is looking for sustainable and ecological ways to have aquaculture come to Maine. My work is ensuring that our crops that we're going to be producing for our sea farmers are going to be sustainable in terms of climate change. And so with the warming waters here in the Gulf of Maine, it's important to keep that in mind. And so if I'm going to supply a kelp line for a farmer I want that genetic line to be able to withstand high temperatures. That's what I'm trying to do. I'm trying to discover temperature tolerance types of kelp, of the Alaria kelp. What I'm going to be doing is some thermal experiments. So if I take the seed stock structure, which is called a gametophyte, by exposing these gametophytes to higher temperatures I can first of all ensure that they can in fact survive those high temperatures and still produce a viable crop, enough of a crop for a farmer to actually be able to get enough out of it. **Susan Brawley:** We're just sort of at the tip of the iceberg of what's going to come in the next few years. And so what Charlotte is doing is to develop the strains that are going to allow the industry to develop sustainably. **Charlotte Quigley:** My hope is that being able to look at these differences in the DNA I'll be able to find what we call gene markers. And this are little signatures that we can say, "Huh, that line of kelp, that strain, may be a more tolerant strain to higher temperatures." So that might be something that we want to be able to supply for our sea farmers so that we can make sure that their crops are going to be sustainable throughout the warmer climates that we are expecting. **Susan Brawley:** So the ones that we are going to eat are just like our vegetables out of a garden. So we prefer to call them sea vegetables. And as you can see, so things like dulse, laver and alaria are really sea vegetables. **Charlotte Quigley:** If you have long lines or buoy systems that are already in existence, it's very easy to incorporate sea vegetable growth on your farm. So it becomes what we call polyculture so folks can grow multiple crops on the same site. We really need to switch to farming instead of wild harvest again just to amp up production. We are safe at our current wild harvesting techniques and such but we want to make this something that we can do for years to come.

[Back to post](#)

Ph.D. student featured in Island Institute film series 'A Climate of Change'

15 Aug 2016

Samuel Belknap, a Ph.D. candidate in the Department of Anthropology and the Climate Change Institute at the University of Maine, was featured in a four-part film series produced by the [Island Institute](#). "A Climate of Change" highlights fishing communities threatened by the effects of a changing climate and what they are doing to adapt. The [final film](#) in the series focuses on the future of Maine aquaculture, and explores how some fishermen are turning to sea farming to stay afloat in a rapidly changing environment and economy. Belknap's research is focused on how climate-driven changes in the Gulf of Maine impact the region's fishermen. In the fourth film, Belknap comments on the viability of aquaculture in Maine, and the

work he is doing to ensure fishermen have the tools necessary to diversify and be successful in their own aquaculture ventures. “Fishermen are going to want to keep working on the water,” Belknap says in the film. “This allows them a way to invest in their future on the water. And I think that’s huge in maintaining Maine’s cultural identity. Especially when it comes to coastal communities” UMaine’s School of Marine Sciences, Cooperative Extension and Maine Sea Grant partner with the Island Institute and several other fishing and aquaculture nonprofit organizations to offer the Aquaculture in Shared Waters project. The initiative provides classes to help the state’s fishermen diversify their business models to include various types of shellfish and seaweed aquaculture — “an opportunity for Maine’s iconic seafood harvesters to maintain their livelihoods, as well as the identity of their coastal communities, while facing unprecedented environmental changes,” Belknap says. More about the Aquaculture in Shared Waters project is on the Maine Sea Grant [website](#). “A Climate of Change: The Future of Aquaculture” also can be viewed [online](#).

Waste study cited in BDN report on food scrap recycling in Maine

15 Aug 2016

A 2011 waste characterization study by the University of Maine School of Economics was cited in a [Bangor Daily News](#) article about the increasing popularity of food scrap recovery efforts around the state. The study found that organics — food scraps, leaves and grass and some paper products — account for 43 percent of the trash generated in the state, according to the article.

Dill quoted in Sun Journal article on tick-borne disease

15 Aug 2016

Jim Dill, a pest management specialist at the University of Maine Cooperative Extension, spoke with the Sun Journal for an article about anaplasmosis, a tick-borne disease that is starting to mirror Lyme’s rise in Maine. Anaplasmosis, which is carried by the same tick that transmits Lyme disease, can range from no noticeable effects, to flu-like symptoms, to meningitis, according to the article. Four years ago there were 52 new cases of the disease in Maine, and so far this year there have been 206, the article states. Dill said that despite the sometimes serious side effects, the disease is not often fatal for those with healthy immune systems. Since scientists believe ticks can’t transmit Lyme or anaplasmosis until they have been attached for 24 hours, experts — including Dill — recommend looking for ticks on pets and family members every day. “If you’re in an area where you know there are ticks, every night when you come in, when your kids come in, before you go to bed, do a tick check. That’s probably the No. 1 way to prevent it,” he said, adding he also recommends checking again in the morning when the tick begins to become a size that is easier to see. Dill also recommends getting tested if symptoms appear, whether or not a tick bite was noticed.

UMaine Extension cited in Morning Sentinel article on increase in beekeepers

15 Aug 2016

Information provided by the University of Maine Cooperative Extension was cited in a [Morning Sentinel](#) article about how the number of beekeepers in Maine continues to grow even as the honeybee population declines. In 2013, Maine had 874 beekeepers; in 2014, 944; and in 2015, 990. So far in 2016, the state has 959 licensed beekeepers, according to the article. But the same can’t be said of the honeybees themselves, the article states. From 1990 to 2004, managed populations of honeybees have decreased by 25 percent, according to a fact sheet published by UMaine Extension.

Press of Atlantic City cites Flagship Match financial aid program

15 Aug 2016

The University of Maine’s Flagship Match financial aid program was mentioned in the [Press of Atlantic City](#) article, “5 ways to save money on a college degree.” While students attending public colleges in another state typically pay more, UMaine is letting New Jersey students attend for the same price it would cost to attend Rutgers, according to the article. 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. The Flagship Match program specifically targets students in Connecticut, Massachusetts, New Hampshire, New Jersey, Pennsylvania and Vermont, the article states.

Students win energy scholarships from CMP parent company, Mainebiz reports

15 Aug 2016

[Mainebiz](#) reported two University of Maine students were awarded grants from the Avangrid Foundation and Fundación Iberdrola España to conduct postgraduate research into energy, the environment and data science. AVANGRID Inc. is the parent company of Central Maine Power and Maine Natural Gas in Maine, as well as other energy companies in New York, Connecticut and Oregon, according to the article. The company awarded a total of \$750,300 to 13 students, including UMaine students Gregory McDonald of North Syracuse, New York, and Michael Choiniere of Garland, Maine, the article states. Choiniere said in a statement that the funding “will allow me to channel all my energy and focus into my research without the distraction of a part-time job. It will help me produce high-quality work that will not only advance my progress toward a graduate degree, but also advance our progress toward cleaner energy.”

Garland offers tips for taking care of dry gardens, lawns on WVII

15 Aug 2016

Kate Garland, a horticulturist with the University of Maine Cooperative, spoke with [WVII](#) (Channel 7) about how to care for gardens and lawns that have been affected by a lack of rain in the area. Garland, who spoke at UMaine’s Rogers Farm, said the trick is to “water deeply and less frequently.” She also recommends paying special attention to newly planted produce, which needs about one inch of water per week. Garland said putting mulch over your soil will keep the moisture in. “When you are mowing your lawn, mowing it as high as possible and leaving the clippings behind is a really important strategy,” she said. “If we want a beautiful landscape, we need to be thinking ahead.”

Bangor Daily News reports on ‘Transformer Tales’

15 Aug 2016

The [Bangor Daily News](#) advanced performances of “Transformer Tales: Stories of the Dawnland,” a compilation of traditional stories that have been part of the Penobscot Indian Nation’s oral tradition for centuries. Margo Lukens, a University of Maine English professor, collaborated with Carol Dana and other members of the Penobscot Nation to research and bring to the stage turn-of-the-century Wabanaki stories. The stories were compiled into a script for dramatic performance including poems, music and Penobscot language, presented by Penobscot Theatre Company and performed as part of the theater’s Dramatic Academy program. The show focuses on tales of Gluskabe, the transformer who shaped the landscape and the traditions of the Wabanaki people, according to the article. “These 13 stories take him from the early, early stage of his life into his young adulthood, when he’s done what he needs to do,” Lukens said. “By the end of the play, he’s shaped the world, and his descendants are going to be OK, and he’s leaving unless they call him back.”

Pacific Standard cites childfree adult research by Blackstone, graduate

15 Aug 2016

Research conducted by University of Maine sociology professor Amy Blackstone and UMaine graduate Mahala Stewart was cited in the [Pacific Standard](#) magazine article, “How the childfree decide.” Blackstone and Stewart’s recent article in The Family Journal, “There’s More Thinking to Decide: How the Childfree Decide Not to Parent,” engages the topic and extends the scholarly and public work Blackstone has done, including her shared blog, “we’re {not} having a baby,” Pacific Standard reported. In their article, Blackstone and Stewart state that, as is often the case with media portrayals of contemporary families, descriptions of how people come to the decision to be childfree have been oversimplified, according to the report, and people who are childfree put a significant amount of thought into the formation of their families. [New York magazine](#) and [The Huffington Post](#) also reported on Blackstone and Stewart’s research. “Right now, girls in particular, but girls and boys both, are raised to imagine themselves as parents of children,” Blackstone told Huffington Post. “But if we more critically thought about the question of whether or not to parent, then everyone would have the opportunity to make the choice that’s right for them.”

AP cites Steneck in report on Sweden’s proposed lobster ban

15 Aug 2016

The Associated Press cited a paper written by Robert Steneck, a marine biologist at the University of Maine’s School of Marine Sciences, in an article about the dispute over a Swedish proposal to ban imports of live American lobsters into the

European Union. According to the AP, Sweden is digging in on the proposal after a rebuke from American scientists, and the issue could go all the way to the World Trade Organization. Sweden asked the European Union to bar imports after 32 American lobsters were found in Swedish waters earlier this year. The U.S. government then told the European Commission that the proposal isn't supported by science, and American and Canadian scientists issued reports calling the Swedish claim into question, the article states. In a paper written by Steneck, he said the American lobsters that turned up in Europe were most likely released illegally, as opposed to migrating across the ocean. He also wrote that American lobsters don't pose a threat to European lobsters, in part because winter ocean temperatures along the coasts of European countries are too warm for the American lobsters to reproduce, the AP reported. [New Haven Register](#) and [Portland Press Herald](#) carried the AP report. Steneck also was quoted in a [CBC News](#) article on the topic.

UMaine Hutchinson Center to display work of nine Maine artists

16 Aug 2016

The works of nine contemporary Maine artists will be featured in the exhibition "ENCAUSTIC — wax+heat," Sept. 16 through Dec. 9 at the University of Maine Hutchinson Center in Belfast. An opening reception will be held from 5:30–7:30 p.m. Friday, Sept. 16. The exhibit in the H. Alan and Sally Fernald Art Gallery will highlight the ancient art medium of encaustic, a technique that uses molten beeswax. Works by Kim Bernard, Camille Davidson, Kerstin Engman, George Mason, Otty Merrill, Dietlind Vander Schaaf, Victoria Pittman, Willa Vennema and Diane Bowie Zaitlin will be on display. More information is available [online](#) or by contacting Nancy Bergerson at 338.8049, nancy.bergerson@maine.edu.

Bridge Year Program featured in Bangor Metro article on United Technologies Center

16 Aug 2016

Bangor Metro magazine published an article on the United Technologies Center (UTC) in Bangor and its participation in the Bridge Year Program, an educational collaborative 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 Bridge Year Program began as the result of an effort involving the faculty of UTC, University of Maine, Hermon High School and Eastern Maine Community College, according to the article. Now, there are seven area public high schools involved as sending schools, as well as area private schools. Students who apply and are accepted to the program can potentially earn 29.5 credits — equivalent to about a year of college — during high school. Programs of study range from business management to building construction, the article states. After graduation, the students have the opportunity to enroll in a Maine community college and graduate with an associate's degree in applied science within a year. From there, they can enter the workforce or transfer to UMaine where their credits are applied toward a bachelor's degree, Bangor Metro reported.

Lifehacker cites UMaine in article on 'perks' of university fitness centers

16 Aug 2016

The University of Maine's New Balance Student Recreation Center was included in the [Lifehacker](#) article, "Little known perks of university fitness centers." The article mentions that most university fitness centers offer free rental equipment, and cites UMaine as renting skis and snowshoes to enable students to explore the Demeritt Forest trails. A video tour of the center also was posted within the article.

Public invited to farm field day in Presque Isle

17 Aug 2016

University of Maine Cooperative Extension will host a farm field day 3 p.m. Monday, Aug. 22, at UMaine's Aroostook Research Farm in Presque Isle. Participants will meet at U.S. Agricultural Research Service, 59 Houlton Road, Presque Isle. Field day topics will include grain trials, potato breeding and the variety trial program, and crop rotation for control of pink rot potato disease. UMaine Extension food system program administrator Richard Brzozowski will discuss the cooperative relationship at the farm. The field day is free and open to the public. For more information, contact Lakesh Sharma at 781.6099, lakesh.sharma@maine.edu. To request a disability accommodation, call 581.3188. More information also is [online](#).

UMaine research cited in Press Herald article on cruise ships

17 Aug 2016

The [Portland Press Herald](#) cited University of Maine research in an article about the effects cruise ships have on the environment and economy, specifically in Portland. Studies by a pair of UMaine professors and more recently, a 2015 survey conducted by a private research firm on behalf a collaboration between the city of Portland and five other groups, put spending at anywhere between \$85 and \$105 per passenger who lands in the city, according to the article. A small percentage take excursions on buses arranged for and upsold by the cruise ships, but most stay local, the article states.

WABI covers fitness program for children at rec center

17 Aug 2016

WABI (Channel 5) reported on Way to Optimal Weight (WOW), a program offered to children 8 to 13 years old through a partnership between the University of Maine, Eastern Maine Medical Center, Cooking Matters and Strong Mind-Strong Body. The program is designed to get children and their parents involved in building a healthier and more active lifestyle by offering instructional components on eating right and physical activities at the New Balance Student Recreation Center. "We're teaching them a lot about healthy living," said Dr. Valerie O'Hara, a pediatrician and obesity specialist for EMMC, who also is the director of the WOW program. "The key from our experience with our kids is, if it's fun and engaging, they learn without realizing they're learning stuff."

Faculty, Ph.D. student quoted in BDN report on infant deaths in Maine

17 Aug 2016

University of Maine professors Marie Hayes and Craig Mason, along with Ph.D. student Jake Emerson, were quoted in a [Bangor Daily News](#) report about the increase of infant deaths in Maine. While the nation's infant mortality rate is worse than many wealthy countries, it has improved since the 1990s. Meanwhile, Maine's rate has fallen behind the nation's and it's not clear why, according to the article. Emerson, a BDN data scientist and computing and information science student, analyzed data and found the increase in Maine's infant mortality rate is genuine. "Maine is really different from all the rest of the states, and there's not a really good reason for why," he said. Substance use, home births, access to prenatal care and obesity are all potential factors for infant deaths, the article states, and low income can exacerbate underlying risk factors. "Poverty causes people to have such a high level of stress. Domestic instability or violence, irregular access to nutritious food, the stress of not being able to go to the doctor's as much as you want all lead to infant mortality," said Hayes, who researches opiate-exposed infants. A rising infant mortality rate is concerning and warrants study, said Mason, a professor of education and applied quantitative methods. "It can be challenging work because it's a sensitive issue for parents, understandably, and we need to respect people's privacy. At the same time, if the infant mortality rate is increasing in Maine, it's a significant public health concern that needs to be addressed," said Mason, who also holds a contract with the U.S. Centers for Disease Control and Prevention to study newborn health and development.

University of Maine to host second annual Aging Initiative Workshop

17 Aug 2016

Major aging-related challenges in Maine and the state-based research being done to address them will be the focus of a panel discussion open to the public Aug. 22 as part of the second annual Aging Initiative Workshop at the University of Maine. Speaker of the House Mark Eves will provide opening remarks at 10 a.m. in Wells Conference Center, followed at 10:15 a.m. by the panel discussion, "Today's Compelling Aging-Related Challenges Facing Maine's Communities and the Role of Research in Addressing Them." Expected to participate in the panel discussion: Michelle Hood, president and CEO, Eastern Maine Healthcare Systems; Sean Faircloth, Bangor City Council chair and mayor; Dyan Walsh, executive director, Eastern Area Agency on Aging; and Shirar Patterson, senior vice president and COO, United Way of Eastern Maine. Following the panel discussion, successes of the Aging Initiative's Aging Research and Technologies Seed Grant Program will be highlighted at 11 a.m. UMaine researchers will present overviews of yearlong aging-focused pilot projects funded by UMaine's Office of the Vice President for Research. The Aging Initiative Workshop will be hosted by UMaine's Office of the Vice President for Research and the Center on Aging and is made possible in part by a planning grant received through the University of Maine System's Research Reinvestment Fund program. Maine continues to have the highest median age of any state (44.7) and it is rising at one of the fastest rates in the nation. Changing demographics in Maine and nationwide are creating new opportunities and challenges associated with an aging population. To help address these needs, the Office of the Vice President for Research

developed the university's Aging Initiative, committed to leading aging-focused research, education and services to assist our aging population to live and thrive in Maine. The workshop will connect faculty and staff across a broad range of disciplines and professions from all seven University of Maine System campuses and will help shape the future of aging-related research in Maine by tapping into the system's academic excellence. Aging Research is an Emerging Area of Excellence at the University of Maine. Contact: Walter Beckwith, 207.581.3729

Ulrich to discuss how diaries, quilts give insight into mid-1800s Maine

18 Aug 2016

Laurel Thatcher Ulrich, Pulitzer Prize winner and Harvard history professor, will deliver the lecture, "Patty's Sampler and Phebe's Quilt: Traces of Maine in the American West" at 12:45 p.m. Friday, Oct. 14, at the Collins Center for the Arts. Ulrich demonstrates how the diaries, letters and needlework of Patty Sessions and Phebe Woodruff suggest new frameworks for understanding the material culture of Maine from 1835 to 1870. Sessions was born in 1795 in Newry, Maine and Woodruff in 1807 in Scarborough. Both migrated in the 1830s to the West and led Mormon women. Ulrich's keynote address for the annual conference of the Association of Maine Archives and Museums is, in part, funded by the Maine Humanities Council as part of the Pulitzer Prize Centennial Campfires Initiative. It is free and open to the public. For more information or to request a disability accommodation, call 581.1226.

UMaine Extension educator receives service award, Morning Ag Clips reports

18 Aug 2016

Morning Ag Clips published a University of Maine Cooperative Extension news release announcing educator Caragh Fitzgerald recently received the 2016 Distinguished Service Award from the National Association of County Agricultural Agents. The award is given to Cooperative Extension educators with more than 10 years of service and who have exhibited excellence in the field of Extension education. Fitzgerald is a UMaine Extension associate professor in agriculture working primarily in Kennebec County. Her work includes production of vegetables, corn silage, and other forages, as well as season extension and soil health. She teaches and manages the UMaine Extension Master Gardener Volunteers program and the Maine Harvest for Hunger produce donation program.

Federal team begins tour of Maine forest products industry, media report

18 Aug 2016

The [Morning Sentinel](#), [Bangor Daily News](#), [Mainebiz](#) and [WVII](#) (Channel 7) reported on the beginning of a federal team's tour of the state's forest products industry. U.S. Deputy Assistant Secretary of Commerce for Economic Development Matt Erskine and representatives from several federal agencies began the three-day Economic Development Assessment Team visit with a meeting with public and private sector representatives from across the state at the University of Maine, Mainebiz reported. The federal team will explore ways for Maine's forest industry to become more competitive, whether transportation for the industry can be improved and what new forest products might prove lucrative, the BDN reported, citing UMaine's development of a process for converting wood into jet fuel. The team will then issue a report with recommendations for moving Maine's forest economy forward, according to Mainebiz. Stakeholders from UMaine participating in the process include Stephen Shaler, director of the School of Forest Resources; and Jake Ward, vice president for innovation and economic development, the Mainebiz article states.

BDN interviews Fitzgerald about how to cope with abnormally dry gardens

18 Aug 2016

The [Bangor Daily News](#) spoke with Caragh Fitzgerald, an agriculture professor with the University of Maine Cooperative Extension, for the report, "How Maine's home gardeners can contend with abnormally dry conditions." According to the article, dry conditions are affecting more than half the state. "We've had really dry and hot weather," said Fitzgerald, who works primarily in Kennebec County. "That can lead to a variety of changes in plant performance. If the plant doesn't have enough moisture, it doesn't have enough water for the fruit." Fitzgerald said in some cases, people may need to make some tough decisions, adding that factors to consider include the cost of water or concern about private wells. Fitzgerald said home gardeners should think about which vegetable crops are particularly important to them and which ones will benefit from additional attention at this point in the growing season. When gardeners have decided which crops they want to prioritize, she

suggests getting mulch to put down between the rows to hold soil moisture. Fitzgerald also recommended removing weeds and using soaker hoses as opposed to sprinklers.

WABI reports on Maine EPSCoR High School Research Internship Program

18 Aug 2016

WABI (Channel 5) covered the presentations of students in the Maine EPSCoR High School Research Internship Program at the University of Maine. This is the 10th year of the program that aims to engage students in college-level STEM subjects, according to the article. “Every year the projects are different,” said Barbara Cole, a chemistry professor at UMaine. “The faculty involved — some are repeaters and some are brand new every year — and the students are new, and they do college-level and beyond research and work, and it’s always amazing.” Elisabeth Willard, a senior at Hampden Academy, said the program provided her with “a lot of experience with an actual research project.”

Longtime 4-H member featured in Morning Sentinel article

18 Aug 2016

The [Morning Sentinel](#) published an article on Kristin Davis, a longtime 4-H member from New Sharon who hopes to become an advocate for farming in college and beyond. Davis has been enrolled in Franklin County 4-H since she was 9 years old, according to the article. She worked her way up over the last nine years and ended her tenure with the organization as the president of the Franklin County 4-H Dairy Club, the article states. The University of Maine Cooperative Extension runs the 4-H program in Maine, and each of the state’s 16 counties has its own 4-H organization. David Allen, a 4-H youth development professional in Franklin County, said that while at its roots 4-H was an agriculture-based program, the program also provides a way for young people to learn valuable life skills such as public speaking and community service. Judy Smith, community outreach assistant for Franklin County 4-H, said while enrollment is down in some of the more traditional clubs, such as the dairy club or the steer club, enrollment in 4-H overall has remained consistent as it adds new programs, such as small-animal clubs or STEM programs. Davis told the Morning Sentinel she plans to attend Husson University to earn a communications degree to become an advocate for the industry she has grown up in.

MPBN reports on \$400,000 grant to study endangered Atlantic salmon

18 Aug 2016

The Maine Public Broadcasting Network reported University of Maine researchers are using a \$400,000 three-year grant to study the survival of endangered Atlantic salmon in the Penobscot River. Joe Zydlewski, a professor in the Department of Wildlife, Fisheries, and Conservation Biology at UMaine, said the study aims “to understand the connectivity in the life history for these fish,” including in the context of dams as impediments for movement or survival. Zydlewski said researchers will use radio and acoustic telemetry to better understand where fish meet challenges in the river and where mortality happens.

Ph.D. candidate examines effects of licensing on resilience of Maine’s fisheries

19 Aug 2016

A recent study by University of Maine researchers examines the history of the licensing system for commercial fisheries in the state and how it has changed fishermen’s access to marine resources. The findings suggest the evolution of the regulations threatens the resilience of the social-ecological system in Maine’s fisheries and highlight the paradox of the licensing system. Regulations instituted to solve specific problems appear to be eroding the overall resilience of Maine’s fishing industry, according to the research team. Josh Stoll, a Ph.D. candidate in the School of Marine Sciences, led the study recently published in the journal *Global Environmental Change*. “This research raises important questions about the long-term sustainability of the commercial fishing sector in Maine,” Stoll says. “This should be relevant to people in Maine because the fishing sector is such an important to the state’s socioeconomic and cultural landscape.” Stoll worked with UMaine faculty Christine Beitzl, an assistant professor of anthropology; and James Wilson, a professor of marine sciences and economics, on the study titled, “How access to Maine’s fisheries has changed over a quarter century: The cumulative effects of licensing on resilience.” Resilience is defined in the study as the capacity of a system to withstand disturbances without fundamentally changing form or function. Disturbances include environmental causes, such as extreme weather events, and socioeconomic causes, such as shifts in market demand. The study adds to literature on resilience within the context of marine and ocean governance, and a

focus on the relationship between adaptive management and sustainability. Throughout Maine's fishing licensing history, according to Stoll, state legislators have used a piecemeal approach by solving specific problems in specific fisheries at specific moments in time. In their analysis, the team described the species-specific management decisions that have contributed to the decline in resilience of Maine's fishing fleet. "One unintended consequence is that fishers' access to marine resources has declined such that fishermen today are more specialized than they have been in the past 25 years — and potentially ever," Stoll says. In the article, the researchers describe how the evolution of the licensing system for commercial fisheries in Maine has progressively limited the ability of both fishers and the state to respond to changing environmental circumstances. From 1990 to 2014, new licenses were created at the rate of about 0.6 per year, according to the researchers. The continual decline in fishers' access is not the result of a strategic policy agenda, the researchers argue, but an effect of multiple decades of policy interventions that have sought to improve the productivity of individual fisheries. The adaptive process of creating and splintering licenses into increasingly smaller units at the legislative level has continually decreased the effect that these changes have on the system overall, the researchers say. "Many people have argued that having an adaptable governance system in place increases resilience," Stoll says. "However, we use the licensing system in Maine to show that in certain instances being adaptable erodes resilience when the type of adaptation becomes increasingly narrow in scope." Many scholars have called for a shift away from management approaches that require definitive information about the characteristics of fisheries systems to approaches that aim to build social and ecological resilience, the researchers say. Alternative approaches include strategies that aim to preserve the life histories of marine species; geographic protections that maintain habitat and provide sanctuary to marine species; and community-based institutions that facilitate local responsiveness to threats. Stoll says there is a tendency to study fisheries on a species-by-species basis, but there is growing recognition that scientists should start taking an ecosystem-based approach to management that accounts for cross-fisheries connections. "This is widely recognized in the natural sciences, but we also need to do the same in the social sciences because these complex and dynamic connections have important implications for the long-term sustainability of fisheries and the communities that depend on them," he says. Stoll says the study represents an attempt to start identifying the existing cross-fisheries connections. Funding for the research was provided by UMaine's Senator George J. Mitchell Center for Sustainability Solutions, and the Robert and Patricia Switzer Foundation. Contact: Elyse Kahl, 207.581.3747

Climate Change researcher wraps up summer project in Mongolia

19 Aug 2016

University of Maine researcher Aaron Putnam has completed his 2016 summer search for climate clues in Mongolia. Kevin Stark, a graduate student at Northwestern University's Medill School of Journalism who's embedded with Putnam's research team, entered his final post about the trek Aug. 3, at a science laboratory in Ulan Bator, the capital of Mongolia. Blog posts and photographs about Putnam's project — that began in June — are available [online](#). More information about Putnam, the George H. Denton Assistant Professor in the School of Earth and Climate Sciences, is [online](#). *Climate Change/Medill News Service* climatechange.medill.northwestern.edu

Former UMaine department chair passes away

19 Aug 2016

Dwayne VanRheenen, a former University of Maine faculty member in speech communication and a department chair, died Aug. 11. He was 72. The online alumni magazine of Abilene Christian University, where he served as provost prior to his retirement, published a [tribute](#) to him.

Baxter State Park plant guide to be released Aug. 23

19 Aug 2016

THE PLANTS OF BAXTER STATE PARK



by Glen H. Mittelhauser, Jensen Bissell,
Don Cameron, Alison C. Dibble, Arthur Haines, Jean Hoekwater,
Marilee Lovit, and Aaron Megquier

The University Club at Raymond H. Fogler Library will host a book launch at 7 p.m. Aug. 23 to mark the release of “The Plants of Baxter State Park.” The event will feature a presentation from the book’s authors and organizers, and will be the first opportunity for the public to purchase the publication. The book launch is free and open to the public. Light refreshments will be served. The extensively researched book presents scientific descriptions of 857 plant species throughout Baxter State Park. The descriptions are accompanied by more than 2,000 full-color photographs in addition to illustrated plant-family sections, an informative introduction, a glossary of botanical terms, and an extensive index of scientific and common plant names. “The Plants of Baxter State Park” is the result of a five-year effort from authors Glen Mittelhauser, executive director for Maine Natural History Observatory; Jensen Bissell, Baxter State Park director; Don Cameron, botanist; Alison Dibble, an assistant research scientist at UMaine; Arthur Haines, research botanist; Jean Hoekwater, Baxter State Park naturalist; Marilee Lovit, researcher; and Aaron Megquier, executive director of Friends of Baxter State Park. Many botanist-photographers also contributed to the book. The guide is published by the University of Maine Press in association with Baxter State Park, Friends of Baxter State Park and Maine Natural History Observatory. More information is available by calling the University of Maine Press at 581.1652 or emailing betsy.rose@maine.edu.

UMaine Extension welcomes new food scientist, Morning Ag Clips reports

19 Aug 2016

Morning Ag Clips published a University of Maine Cooperative Extension news release about new assistant Extension professor and food scientist, Robson Machado. Machado specializes in food safety that involves local meats, poultry, dairy, fruits and vegetables. His specialty is microbiology with an emphasis in food safety and sanitation, in addition to development and delivery of food-related training opportunities. Machado, who began his role Aug. 8, will have statewide responsibilities in helping Maine farmers and food entrepreneurs develop safe foods, while assisting processors to address changing regulations when commercializing local food and beverage products.

Press Herald quotes Dill in article about drought’s effect on ticks, Lyme cases

19 Aug 2016

Jim Dill, a pest management specialist at the University of Maine Cooperative Extension, spoke with the [Portland Press Herald](#) for the article, “Upside to drought: Fewer deer ticks and fewer cases of Lyme disease.” Maine had reported 232 Lyme cases through June 30 this year, compared to the five-year average of 267 through the same period, according to the Maine Center for Disease Control and Prevention. Scientists at Maine Medical Center Research Institute in Scarborough and the University

of Maine Cooperative Extension said far fewer deer ticks are being collected in field surveys this year, during a parched, hot summer, the article states. “The dry summer has seemed to put a real dent in the tick population,” Dill said. He added that UMaine Extension’s Tick ID Lab, where Maine residents can send deer ticks for testing, has seen about one-third fewer deer ticks brought in during 2016 compared to 2015. Dill added scientists trapping rodents in southern Maine have found fewer deer ticks than expected on mice, voles, squirrels and chipmunks.

Fried speaks with Sun Journal about Libertarian presidential candidate

19 Aug 2016

Amy Fried, a political science professor at the University of Maine, spoke with the [Sun Journal](#) for an article about Libertarian presidential candidate Gary Johnson ahead of his Aug. 26 visit to Lewiston. Political experts, including Fried, expect Johnson will attract votes away from Democrat Hillary Clinton and Republican Donald Trump. Fried said some Maine Republicans may be swayed to vote Libertarian since popular U.S. Sen. Susan Collins, R-Maine, denounced Trump and said she would support the Libertarian candidate if Bill Weld led the ticket. Fried said people who usually vote Democrat and don’t like Clinton may also go Libertarian. “There’s some Bernie Sanders supporters who have strong Libertarian tendencies. National data show most Sanders supporters supporting Hillary Clinton, but more of them are supporting Johnson than [Green Party candidate] Jill Stein, which is surprising.” Even with the support, national polls show Johnson doesn’t have a chance to be elected president, Fried said. “He’s got to be at 15 percent to be in the debates,” she said. “He’s not there.” The best Johnson could probably do is attract enough votes so neither Clinton nor Trump get a majority, Fried predicted.

Rebar quoted in BDN article on Maine gardener coping with drought

19 Aug 2016

John Rebar, executive director of the University of Maine Cooperative Extension, was quoted in the [Bangor Daily News](#) article, “Thinking like a desert farmer helps Maine grower cope with drought.” Since May, a succession of hot, dry, rainless days have dominated around the state, according to the article. For many farmers in Sagadahoc, Androscoggin, Cumberland and York counties, it’s been a rough summer, though stress has not registered across the board, the article states. “The situation can vary from farm to farm depending upon the crop and their management practices,” Rebar said.

Washington Post mentions Gill’s tweet to Green Party presidential candidate

19 Aug 2016

A tweet composed by Jacquelyn Gill, a paleoecologist at the University of Maine, was included in a [Washington Post](#) article about recent climate change comments made by Green Party presidential candidate and medical doctor Jill Stein. Stein, who has been criticized previously for statements on scientific topics such as vaccines and genetically modified organisms, is presenting climate science in an alarmist way, according to the article. Several climate scientists, including Gill, quickly faulted Stein’s tweet that claimed 12.3 million Americans could lose their homes due to a sea level rise of 9 feet by 2050. Gill’s reply tweet read, “Where did you get this number? I’m a climate scientist and this exceeds even extreme estimates.”

National Geographic publishes feature on grad student, artist

19 Aug 2016

University of Maine graduate student Jill Peto was included in the National Geographic series, “20 Under 30: The Next Generation of National Park Leaders.” The feature on Peto, titled “This artist turns dull data into art — and a call to action,” focuses on her environmental artwork that convey climate change in North Cascades National Park. For the eighth consecutive summer, Peto has accompanied her father, glaciologist Mauri Peto, to the Washington park to monitor glaciers. Peto began creating watercolors based on graphs to illustrate the changes seen in her father’s and other scientists’ work in ways people outside the scientific community could understand, according to the article. “Normal people will often gloss over the graphs in a scientific paper, even though the figures tell a really important story,” Peto said. “My role as an artist is to engage people emotionally in that story.” Peto graduated from UMaine in December with a double major in Earth science and studio art, as well as honors. In the fall, she will pursue a master’s degree in the School of Earth and Climate Sciences. Daily Planet also reported on Peto and her art.

Volunteers sought for Maine Hello, Welcome Weekend Day of Service

22 Aug 2016

The University of Maine's First Year Experience is recruiting volunteers to welcome UMaine's Class of 2020 during Maine Hello on Friday, Aug. 26. 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., volunteers will assist with greeting families, answering questions and moving first-year students' belongings into their residence hall rooms. Undergraduate student volunteers who will be living on campus can move into residence halls from 6–9 p.m. Wednesday, Aug. 24. Volunteer registration is [online](#). More information about Maine Hello is available online or by calling 581.1420. The Bodwell Center for Service and Volunteerism also is seeking trip leaders for the Welcome Weekend Day of Service on Saturday, Aug. 27. The 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 for available projects, as well as trip leader training is [online](#). More information about the Welcome Weekend Day of Service is available on the Bodwell Center [website](#) or by calling Lisa Morin at 581.4194.

Beta, Crossland parking lots to be closed starting Aug. 29 for expansion project

22 Aug 2016

The parking lot expansion project between Beta Theta Pi fraternity and Crossland Hall is scheduled to begin Aug. 29 and is expected to take up to four weeks. During that time, the current Beta and Crossland parking lots will be closed. The expansion, made possible by the demolition of Sigma Nu fraternity this summer, will add approximately 40 more parking spaces.

Yarborough quoted in Kennebec Journal article on Mount Pisgah blueberries

22 Aug 2016

David Yarborough, a blueberry specialist with the University of Maine's Cooperative Extension and a professor of horticulture in the School of Food and Agriculture, spoke with the [Kennebec Journal](#) for an article about wild blueberries on Mount Pisgah in Winthrop. Conservationists with the Kennebec Land Trust, an organization that manages Mount Pisgah, said highbush blueberries used to flourish on and around the mountain, but have flowered less and less in recent years. Local conservation efforts have allowed second-growth oaks and pines to again thrive, but at the same time have blocked sunlight from the understory where blueberry bushes grow, according to the article. "Sun is the source of all energy," Yarborough said. "If the blueberry plants don't get sun, they don't get energy, and they can't make fruit." He estimated there are 44,000 acres of commercial, lowbush blueberry crop in Maine concentrated largely along the coast and just 200 acres of highbush crop, the article states.

BDN interviews Rubin for article on biofuel research

22 Aug 2016

The [Bangor Daily News](#) spoke with Jonathan Rubin, an economics professor at the University of Maine, for an article about biofuel research in the state. Efforts to develop a wood-based biofuel, particularly jet fuel, from Maine's abundant timberland got a boost last month when the U.S. Department of Defense announced a \$3.3 million investment into ongoing research at UMaine, according to the article. The new investment from the federal government can potentially give the university's Forest Bioproducts Research Institute the support it needs to "scale up" the production of biofuel for demonstration purposes to test it for commercial use, said Jake Ward, UMaine's vice president of innovation and economic development. Rubin said the support from the federal government "helps us commercialize and learn how to make biofuels cheaper." He estimates Maine could support at least one modest-sized biorefinery to produce cellulosic biofuel and jet fuel. Rubin, along with fellow UMaine economist Sharon Klein and economics graduate students Binod Neupane and Stephanie Whalley, published a study in a recent issue of the Journal of the Transportation Research Board that estimated 3.9 million dry tons of wood are available for biofuel production, the article states. Not all of that wood, however, would realistically be available to a biorefinery because of hauling costs. "It's a challenging world to produce a biofuel with gasoline at just over \$2 a gallon," Rubin said.

Mainebiz reports on aquaculture site selection research

22 Aug 2016

[Mainebiz](#) reported on research being conducted at the University of Maine Darling Marine Center in Walpole that seeks to take the risk out of selecting aquaculture sites by using buoys, sensors and other instrumentation to monitor water conditions for optimal growth of particular species. “The aquaculture industry in Maine in the last five to 10 years has been expanding,” said Damian Brady, an assistant professor of marine sciences, who is mentoring Katie Coupland, a doctoral candidate in oceanography, on the project. The aim is to better understand the physics and biology of the estuary environment where aquaculture sites are located and use the added information to make the industry more sustainable, both economically and environmentally, according to the article. The research is part of a five-year, \$20 million National Science Foundation project that started two years ago as part of the Experimental Program to Stimulate Competitive Research, or EPSCoR. The grant established a Sustainable Ecological Aquaculture Network, or SEANET, program in Maine. “In aquaculture, we’re at a point where there isn’t enough information out there to decrease risk, so what we’re pursuing in the SEANET program is bringing new information to this field so we can make better decisions and decrease the risk,” Brady said. “It’s like farming on land. You benefit from more information.”

National Geographic quotes Wells in article on toxic algae blooms

22 Aug 2016

Mark Wells, a professor of marine sciences at the University of Maine, was quoted in a [National Geographic](#) report about how spreading toxic algae blooms, perhaps accelerated by ocean warming and other climate shifts, are poisoning marine life and people. It’s been understood for decades that nutrients, such as fertilizer and livestock waste that flush off farms and into the Mississippi River, can fuel harmful blooms in the ocean, according to the article. Such events have been on the rise around the world, as population centers boom and more nitrogen and other waste washes out to sea. But scientists also now see evidence of harmful algae in places nearly devoid of people, and some are finding that even in places overburdened by poor waste management, climate-related shifts in weather may already be exacerbating problems, the article states. “We expect to see conditions that are conducive for harmful algal blooms to happen more and more often,” Wells said. “We’ve got some pretty good ideas about what will happen, but there will be surprises, and those surprises can be quite radical.”

Process Development Center, Bilodeau featured in Mainebiz article on R&D

22 Aug 2016

The University of Maine’s Process Development Center and its recent partnership with Twin Rivers Paper Co. was the focus of a [Mainebiz](#) cover story. The specialty paper company, which announced in June it will invest \$12 million to upgrade its Madawaska paper mill, is moving its research and development operations from Montreal to Orono, according to the article. The move will give Twin Rivers greater opportunities to tap into the UMaine’s network of innovators at its Process Development Center and comes at a time when the paper company is expanding its offerings of “customized solutions” for its customers, the article states. The vice president of strategy and marketing for Twin Rivers said UMaine’s expertise in the forest products industry played a role in the company’s decision to move its R&D operations to Orono. “We work with 30 to 50 companies a year,” said Mike Bilodeau, who has been director of the center for 13 years. “We’ve had a very long-standing relationship with the paper companies in Maine.” The center’s mantra is “fail fast, fail cheap,” according to Jake Ward, UMaine’s vice president for innovation and economic development.

Savoie featured in NPR report on jam, savory spreads

22 Aug 2016

Kathy Savoie, a University of Maine Cooperative Extension educator and home food preservation expert, was featured in the [National Public Radio](#) (NPR) report, “What makes a jam a jam? Surge in savory spreads presents riddles for purists.” According to Datassential, a market research company that studies menu trends, savory jams are experiencing a surge in popularity, and overtook Sriracha as the fastest-growing condiment for sandwiches and burgers — with bacon jam leading the pack — in 2015, the report states. “You take a grilled cheese and then you use some nice local sourdough bread, some nice local cheese and then smear a little bit of savory jam or jelly on there as a spread, and it’s a whole different taste experience,” said Savoie, who gave a blueberry ginger conserve cooking demonstration at this year’s Kneading Conference in Skowhegan. She said savory jams have a lot of benefits going for them in the current foodie landscape, including that they allow people to eat local fruits and vegetables year-round and lower the sugar levels found in traditional jams. The [Maine Public Broadcasting Network](#) also carried the report.

Fishing communities need to prepare for gentrification challenges, say UMaine researchers

23 Aug 2016

Maine is home to numerous rural fishing communities that contribute to the state's economy and culture, but many are face challenges due to regulations, stock depletion, rising fuel costs and climate change. In addition, researchers at the University of Maine also have identified gentrification as a leading threat, which they say is responsible for the displacement of community members, including fishermen. "In Maine, gentrification is driven by amenity migrants — or the 'people from away' who come to Maine and buy coastal property because they are drawn to its beauty and rural way of life, and because they can afford it," says Teresa Johnson, an associate professor of marine policy at UMaine. "Along with fishermen and marine businesses losing access to waterfront property, rural gentrification also alters the social character of Maine's communities." Gentrification is a complex process involving displacement of the working class and lower income residents by wealthy citizens who can afford high-priced property. Usually gentrification is studied in the context of urban areas but it's equally a threat to rural communities, explains Johnson. The researchers used an ethnographic research approach — which involved semi-structured and oral history interviews, focus groups and household surveys — to understand how gentrification is impacting rural fishing communities. "Most communities want to maintain their identity as a working class fishing community because that is what they have always been. They recognize that being a fishing community attracts tourism revenue, but not all of them want it," says Johnson. "But such an identity is hard to sustain when fishermen can no longer live and work there. Through stories shared from fishermen and other community members, we found an identity crisis in communities undergoing gentrification." Former UMaine graduate student Cameron Thompson says amenity migrants and long-term residents characterize the community as a fishing-dependent, while recognizing the industry has declined while tourism and the service sector continue to grow. "Thus, the community is attached to the fishing identity for cultural and historic reasons, but not necessarily for economic reasons," he says. The study found that gentrification increases the vulnerability of Maine's fishing communities through the displacement of fishermen and loss of working waterfronts, says Johnson. But researchers also found evidence that gentrification sometimes can increase resilience. "Amenity migrants that care about the communities they now call home can be powerful allies for the fishing community and can bring additional social and economic resources to support local fishermen and ensure access to the waterfront," says Johnson. "After all, it is usually the quaint working waterfront that attracts them here in the first place; it's no wonder they can be willing to help protect it." The study, published in the "Journal of Rural Studies," was co-authored by Thompson and faculty members Teresa Johnson and Samuel Hanes. The study was part of a larger research project led by Johnson and funded by Maine Sea Grant, which aimed to understand vulnerability and resilience in Maine fishing communities. The research was conducted in four rural fishing-dependent communities in Maine — Eastport, Lubec, Rockland and Port Clyde. "Communities need to plan and prepare for gentrification. A dialogue is needed between the fishing community, amenity migrants and community leaders about what they want their community to look like and how to address their challenges," says Johnson. Contact: Margaret Nagle, 207.581.3745

Rogers Farm to host Fall Field Day Sept. 10

23 Aug 2016

University of Maine Cooperative Extension Master Gardener Volunteers will celebrate the growing season with a field day from 10 a.m.–2 p.m. Saturday, Sept. 10 at Rogers Farm Demonstration Garden, 914 Bennoch Road, Old Town. The field day will feature workshops, activities, live bluegrass music and homemade food. Workshop topics include growing garlic, dividing peonies and identifying toxic plants in the landscape. There will be a demonstration beehive, door prizes and children's activities, including face painting and a garden scavenger hunt. Staff from the UMaine Extension pest management office, the state toxicologist and local garden group representatives are scheduled to attend. The event is free and open to the public, and will be held rain or shine. No registration is required. 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.

Fox News speaks with Bayer about red lobster found at New York restaurant

23 Aug 2016

Bob Bayer, director of the Lobster Institute at the University of Maine, was interviewed for a [Fox News](#) report about a red lobster that was discovered at a Burger & Lobster restaurant in New York City. The lobster, named Ruby, was received in a shipment from Nova Scotia and will find a new home at the Long Island Aquarium and Exhibition Center in Riverhead, New York, the article states. Red lobsters are even rarer than blue ones, according to Bayer. "It's red, and it will get redder," especially if it is fed a proper diet of food such as crab, crab shells and shrimp, he said. According to Bayer, the genetics of

blue lobsters are well known, but the genetics of red lobsters are not as well understood. [ABC News](#) and [The Daily Meal](#) also reported on Ruby, but described the lobster as yellow.

Brewer interviewed for MPBN report on immigrant families receiving welfare

23 Aug 2016

Mark Brewer, a political science professor at the University of Maine, spoke with the [Maine Public Broadcasting Network](#) for the report, “State scrutinizes immigrant families receiving welfare after one link to Islamic State reported.” The LePage administration recently said it is scouring its welfare rolls to detect fraud and abuse by immigrants, and to ensure taxpayer money isn’t flowing to would-be terrorists, the report states. The announcement follows the recent revelation of Adnan Fazeli, an Iranian refugee from Maine, who died fighting for the terror group ISIS, and a claim that the man and his family received benefits, MPBN reported. “This is certainly one of those times where reality barely matters, if at all,” Brewer said. “He [Fazeli] could be the only person that fits out there and it still doesn’t matter.” Brewer said, politically speaking, the Fazeli case is a trifecta for LePage and his supporters in the Maine Republican Party. “It’s really like a win, win, win for Republicans,” he said, adding the controversy hits across three key issues that Republicans have successfully used to their advantage.

Sexual harassment research cited in New Yorker article on Fox News

23 Aug 2016

Research conducted by a University of Maine alumna with Amy Blackstone, a sociology professor at UMaine, was cited in [The New Yorker](#) article, “Fox News and the repercussions of sexual harassment.” The 2012 study, “[Sexual Harassment, Workplace Authority, and the Paradox of Power](#),” found that women in supervisor positions were more likely than nonsupervisors to say they had been sexually harassed on the job in the previous year, according to the article. Blackstone conducted the study with Christopher Uggen and Heather McLaughlin of the University of Minnesota. McLaughlin, a UMaine alumna who is now a professor of sociology at Oklahoma State University, called the study’s finding “counterintuitive,” because “to most people the most common scenario is still the powerful male boss and the vulnerable female secretary,” the article states. That scenario still happens, of course, but sexual harassment may be even more prevalent, she said, where women are “gaining power in the workplace, and it becomes a way of trying to re-establish who’s actually in charge.” McLaughlin said the findings make sense because, she believes, workplace sexual harassment is really about power.

Sorg cited in media reports on increasing drug deaths in Maine

23 Aug 2016

The Associated Press, [Maine Public Broadcasting Network](#), WLBZ (Channel 2) and [Bangor Daily News](#) cited Marcella Sorg, a research professor with the Margaret Chase Smith Policy Center at the University of Maine, in a report about a continued increase in overdose deaths in the state. According to officials, Maine is on pace to set another record for overdose deaths in 2016 because of increased abuse of fentanyl, a synthetic opioid 50 times more powerful than heroin, the AP reported. Data from Maine’s chief medical examiner indicates there were 189 drug overdose deaths in the first six months of the year, a 50 percent increase from the same period last year, according to Sorg. Sorg, a medical and forensic anthropologist who conducted the preliminary analysis of drug overdose death records, told MPBN that of the 189 overdose deaths reported so far, 84 were attributed, at least in part, to fentanyl. “Sometimes it isn’t that a larger number of people are using drugs, but they are using drugs that are a lot more lethal and so they are more apt to die from it,” she said. [Sun Journal](#) carried the AP report.

Media cover second annual Aging Initiative Workshop

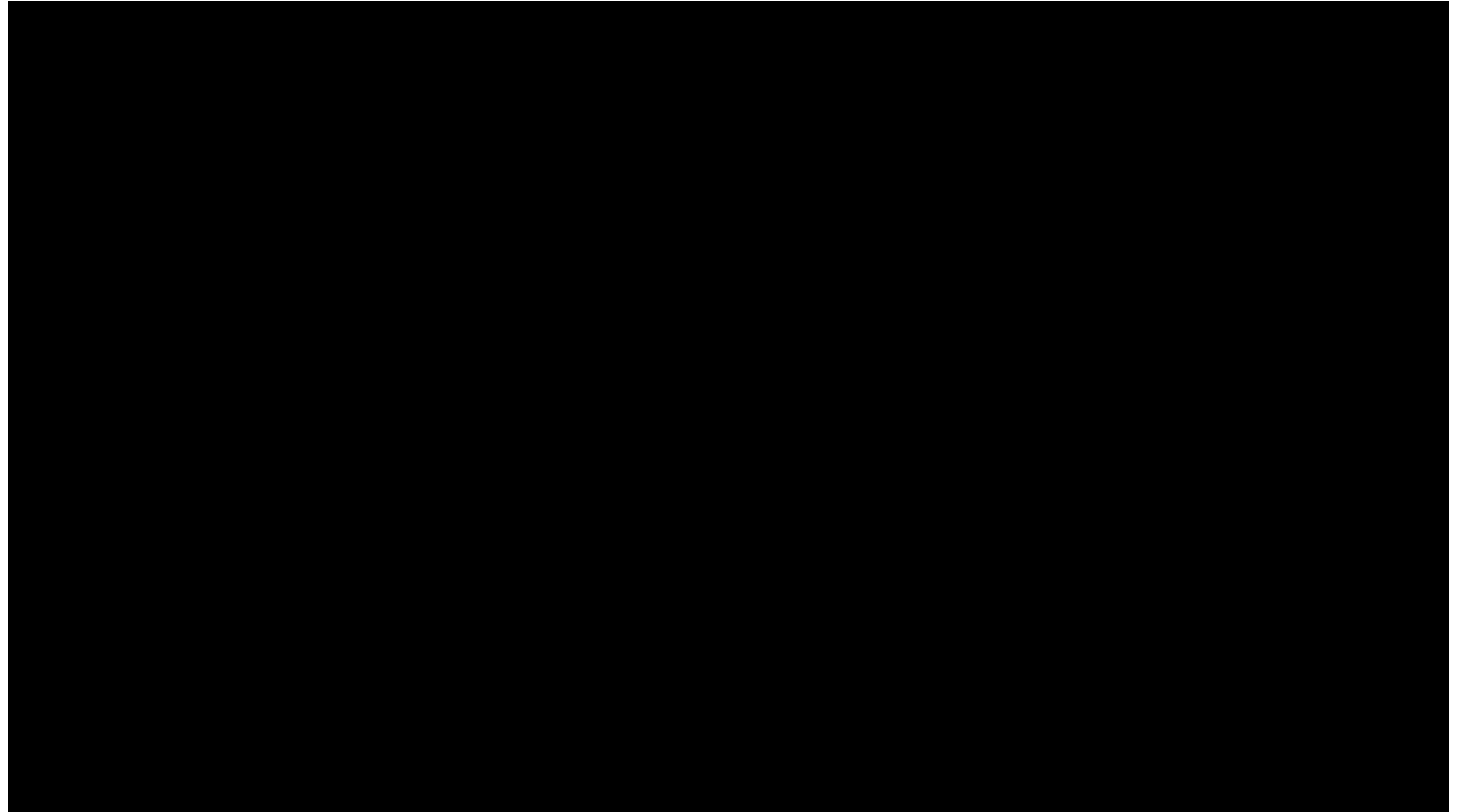
23 Aug 2016

The [Bangor Daily News](#), WABI (Channel 5) and [WVII](#) (Channel 7) reported on the second annual Aging Initiative Workshop at the University of Maine. The workshop was hosted by UMaine’s Office of the Vice President for Research and the Center on Aging to connect faculty and staff across disciplines and professions from all seven University of Maine System campuses, and to help shape the future of aging-related research in the state. In Maine, which has the oldest population in the country, aging is an overarching issue that spans academic and political divisions, Carol Kim, UMaine’s vice president for research and dean of the Graduate School, said in her opening remarks. Kim established the UMaine Aging Initiative in 2013, providing more than \$400,000 in internal seed funding for 11 projects across the curriculum, according to the BDN. The conference provided an opportunity to showcase several of the projects by UMaine faculty, including developing a simple water

purification device for use in homes or residential care facilities; exploring ways to use existing technology to prevent head injury and avoid hip fractures; and using wireless electronic tracking devices to help visually impaired seniors navigate their homes and alert loved ones if the wearer has stayed too long in the same place, the BDN reported. “Aging really affects everybody,” Kim told WABI. “So whether you’re aging yourself, or you’re a caregiver, you’re worried about mom and dad or your aunt or uncle, it really does affect everyone. So it’s something important for all of us to be involved in.”

Research: Empowering Maine's mightiest pollinators

23 Aug 2016



[Read transcript](#) For the last 30 years, Drummond, professor of insect ecology at the University of Maine, has studied the biology, ecology, disease susceptibility and pesticide exposure of Maine’s 275 native species of bees, as well as the millions of commercial honey bees annually trucked into the state to aid in crop pollination. He has dedicated his prominent career to the tiny buzzing bees’ health, conservation and efficiency as pollinators — because without them, Maine’s beautiful landscapes wouldn’t be the same.

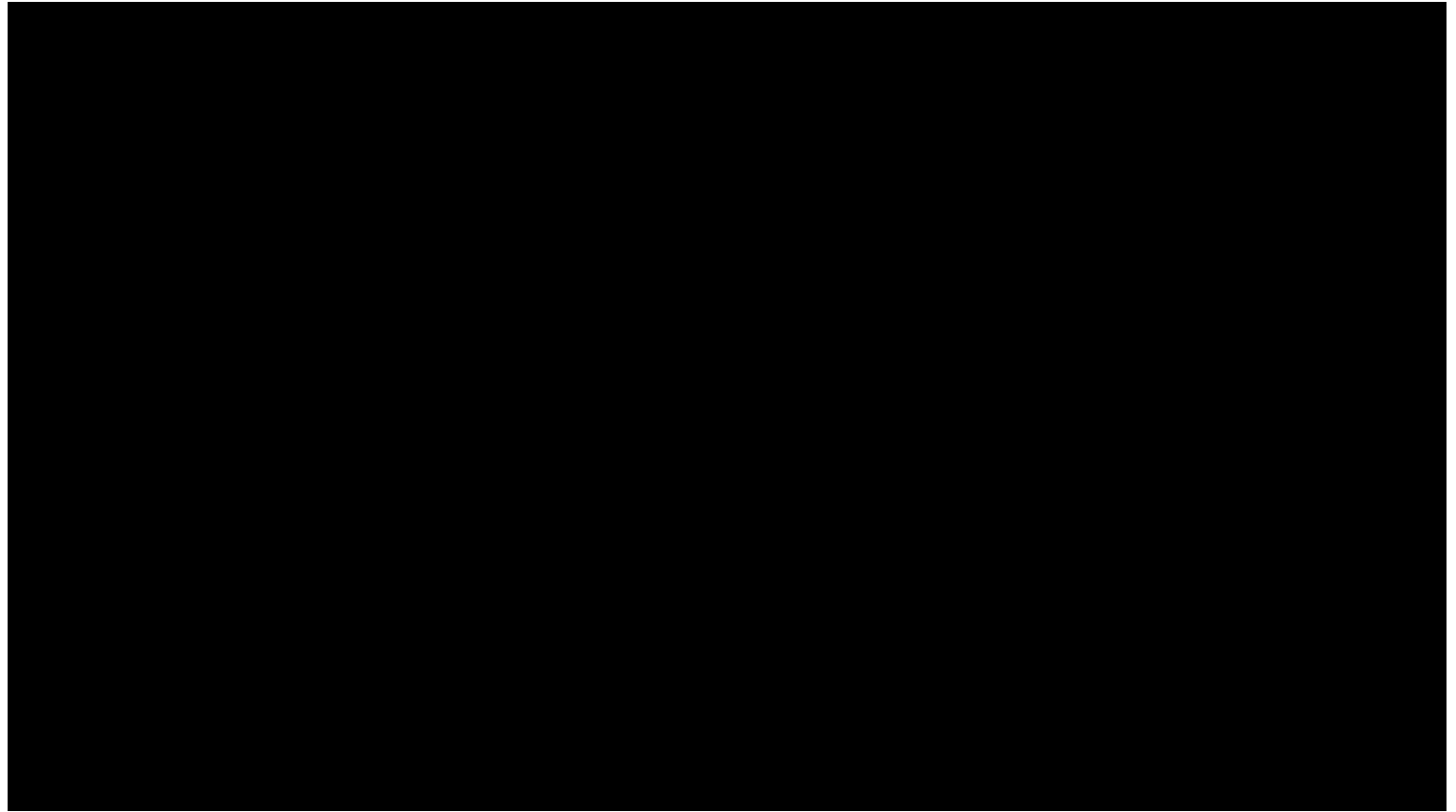
Transcript

Frank Drummond: Bees, in general, are important because they’re extremely efficient pollinators of both native wildflowers, but also most of the fruits and nut crops that we grow and consume throughout the world. **Brianne Du Clos:** In Maine, they pollinate wild blueberry. A wild blueberry is an incredibly pollinator-dependent crop. It has these bell-shaped flowers that need bees to land on the flower, shake the flower just right to get the pollen out, and then those bees need to fly to other flowers. **Frank Drummond:** Honeybees are particularly significant pollinators and become more and more important because they can be managed like livestock and be brought into areas that may have low populations of native bees where there’s crop production that relies on bee pollination. I have kept bees since I was a teenager. That’s now more than 50 years, but I’ve been doing research on bees since I arrived at Maine in the late 1880s. I’m sorry, the late 1980s. [laughs] I’m not that old. [laughs] There’s 275 species currently that we know of in Maine. There are probably more, but I suspect that really not many more than 300 species of bees. **Brianne Du Clos:** They’re so cool. They’re different shapes, sizes and colors. They’re really fun to go out there and find. [bird sounds] **Frank Drummond:** The research projects on campus are all related by having a common theme. The common theme is to improve the health of the bee communities in Maine. **Kaylen Bickerman-Martens:** (Let’s see if we can find bees.) What’s going on with bumblebees is that some species are going up in numbers in terms of relative abundance,

and then others have been declining. Part of my research is sussing out what is going on, What is behind the declines? **Brianne Du Clos:** I study how wild bees use the landscape in a number of ways. One of the projects that I'm doing is looking at bees in power lines. It's strange to think about power lines as bee habitat. I'm looking at them as being beneficial for bees. We're looking at power lines near blueberry fields, thinking about power lines serving as a source of bee habitat for wild bees after the blueberry bloom. **Garry Morneault:** I'm part of the Maine EPSCoR Program at the university. It's an internship program for high school students. My specific project is looking at parasites in bumblebees and their relation to bumblebee populations. We're testing the rates of infection in bees in both natural environments and urbanized environments among different species. **Frank Drummond:** We depend a lot on the students for helping us do the research. They learn a lot about the biology and ecology of bees. But on the flip side, they actually contribute a lot and we learn a lot from their own research. It's been wonderful. Without the bees, not only would we not have nuts and fruits to eat, but we would really miss a lot of the wonderful, colorful wildflowers that we see. **Brianne Du Clos:** With the decline in honeybee health and the stability of honeybees being questioned, we have some pretty drastic losses of honeybees in the state. Knowing what our wild bee populations are, how we could get the most out of them for crop pollination purposes, and also for just appreciating them for what we are. I think this product is really important in determining the pollination security for the state and particularly the wild blueberry industry. [Back to post](#)

Community: Off-roading in a wheelchair

23 Aug 2016



[Read transcript](#) In order to graduate from the University of Maine with a degree in Mechanical Engineering Technology, students must participate in a public service project to fulfill their capstone requirement. This year, one of seven capstone projects was to design and build an off-road wheelchair for Cody O'Brion and his family. O'Brion suffered a brain injury as a child, and has been confined to a wheelchair ever since. See how UMaine students developed a safe and efficient off-road wheelchair, allowing individuals with limited mobility like O'Brion to enjoy the outdoors in ways they never thought possible.

Transcript

Ron O'Brion: Well, we're trying to help Cody get out in the woods more. With the current chair he has, he's got a factory power chair, it only has about three inches clearance. He loves to go deep into the woods, and with that, you just can't do it.

Michael O'Brion: I grew up tinkering on everything, whether it was bikes, four-wheelers, dirt bikes. That's kind of where this

idea all started from. I'm pretty close with Cody and his family, so we always spend time together. Even from when I was a kid, I always said, I wanted to make Cody something that he could go to the places that I know he wanted to go, that we never could before. **Man 1:** With that, I'll yield the floor to team number four. Thank you very much. **Jonathan Roy:** We also move to front-wheel drive. Front-wheel drive allowed us for better traction, moving downhill. **Antonio Giacomuzzi:** I think a big thing that I take from it is the design process. Actually going through, step-by-step, and laying stuff out. I'm very hands-on, I'm very mechanically inclined. I love tearing things apart, so this was kind of a fun project for me. It was something that we could see going out. You could tear up the yard. For us, we see it as something that we can enjoy doing. Somebody that could use it, that could actually use it in a way that they're living a better life, not for us just to be using it for fun, that was a big key point for us. Should I take him through the woods? **Cody O'Brion:** Yeah. **Antonio Giacomuzzi:** Yeah? I heard you. **Michael O'Brion:** We've got a pretty strong passion for the outdoors. We got a family camp that he spends a lot of time at, so this just makes that experience for him, up there, even better. **Jonathan Roy:** We definitely learned a lot from each other. The biggest part for me, that was a learning curve, was the transition to going from the design and analysis, to actually building the stuff. **Antonio Giacomuzzi:** We're going to hit a couple of more bumps here for you, all right? **Terry O'Brion:** Hold on, Cody. **Antonio Giacomuzzi:** There you go. **Terry O'Brion:** I'm blown away. I'm really blown away, only because I don't know about all of the nuts and bolts, how to put something like this together, but as a mom of a child who's tried to push these chairs, and watched him not be able to go to all the places that his other cousins were going to at the camp, or anywhere you go. Unless you're in a city, you're off-road, with a regular old wheelchair. This is going to open up Cody's world so much. It's so exciting. [Back to post](#)

UMaine Museum of Art exhibit to feature nine New Brunswick artists

24 Aug 2016

The University of Maine Museum of Art in downtown Bangor will open “Contemporary Currents: Nine New Brunswick Artists” on Sept. 23. The exhibit highlights a diversity of creative approaches and genres — from representational to conceptual — by artists from throughout New Brunswick. Also varied is the range of media, which includes ceramic, photography, oil painting, assemblage, mixed media, sculpture and printing processes. Featured artists are Erik Edson, Darren Emenau, Mathieu Leger, Neil Rough, Stephen Scott, Anne-Marie Sirois, Dan Steeves, Anna Torma and Istvan Zsako. The works in “Contemporary Currents” underscore the pluralist nature of contemporary art across the globe. The artists offer multiple points of view on the complex nature of contemporary artistic practice. UMMA partnered with the New Brunswick Department of Tourism, Heritage and Culture on the exhibition. “It has been a distinct pleasure to bring together works by these accomplished New Brunswick artists for the enjoyment and educational enrichment of audiences throughout Maine, New England and beyond. We hope projects such as this will inspire future collegial and worthwhile collaborations between Maine and New Brunswick institutions,” says UMMA director George Kinghorn, who curated the exhibit. Machias Savings Bank and the Maine Arts Commission are sponsors of the exhibit that will run through Dec. 31. Free admission to the museum in 2016 is made possible by Deighan Wealth Advisors.

Professor emeritus Owen writes op-ed for BDN on proposed North Woods park

24 Aug 2016

Bucky Owen, a professor emeritus of wildlife ecology at the University of Maine, wrote the opinion piece, “I used to oppose a big park in the North Woods. Now, I see a national monument can work,” for the [Bangor Daily News](#). Owen also is a former commissioner of the Maine Department of Inland Fisheries and Wildlife.

Sun Journal reports on student's work in Maine Government Summer Internship Program

24 Aug 2016

The [Sun Journal](#) reported on Farmington resident Emily Rice's participation in the Maine Government Summer Internship Program. Rice spent 12 weeks working for the Maine Department of Labor's Research and Statistics Division in the Bureau of Labor Standards as the records keeping assistant, according to the article. Rice, a political science and history major at Saint Anselm College in New Hampshire, worked on projects ranging from conducting surveys, data collection, editing reports, sorting documents and photos, and writing government reports, the article states. The Maine State Government Internship Program combines paid work experience with education. Administered by the Margaret Chase Smith Policy Center at the University of Maine, it is a collaboration involving the Office of the Governor, Maine Bureau of Human Resources and other state government agencies.

BDN publishes op-ed by social work grad student

24 Aug 2016

Arthur Barry Adoff, a graduate student in the University of Maine School of Social Work, wrote an opinion piece for the [Bangor Daily News](#) titled, “Portugal’s experiment with decriminalization shows there’s a better way to address drug use.” Adoff also is a writer who lives in Veazie.

Bennett-Armistead speaks with WVII about increasing childhood literacy

24 Aug 2016

Susan Bennett-Armistead, a professor of literacy education at the University of Maine, spoke with [WVII](#) (Channel 7) at an early childhood education conference in Augusta. Presenters at the two-day event said increasing childhood literacy will boost high school graduation rates, according to the report. By eighth grade, nearly 30 percent of Maine students can’t read well enough to pass a reading proficiency test, according to data from the Maine Department of Education. “Building relationships with families is the way to build children’s literacy,” Bennett-Armistead said. Involving a child’s family is critical to instilling a love of reading, the report states. Bennett-Armistead said educators need to ask themselves how they can support families in building opportunities for them to work directly with their children to build literacy.

Steneck’s coral reef research cited in Dominican Republic newspaper

24 Aug 2016

University of Maine oceanographer Robert Steneck’s research on coral reef health in the Dominican Republic was cited in an article in [Diario Libre](#), a newspaper in the Caribbean country. Steneck and collaborators assessed the state of the island’s corals using indicators of reef health, including abundance of algal cover, adult corals, juvenile corals and parrotfish. According to the article, Steneck’s research has yielded “the most recent and comprehensive scientific report on the subject.” Last June on World Oceans Day, Steneck delivered a keynote address on coral reefs — which he calls the tropical rainforests of the sea — at a conference in Santo Domingo, the capital of the Dominican Republic.

Politico quotes Socolow in report on Fox News

24 Aug 2016

Michael Socolow, an associate professor of communication and journalism at the University of Maine, was interviewed by [Politico](#) for the article, “Has Fox News hit its ceiling?” Following the exit of the Fox News chairman and CEO amid sexual harassment allegations, control of the channel will soon fall to Rupert Murdoch’s sons, and with it will come the opportunity to rethink how to position the brand, according to the article. The remaking of a TV news network is not without precedent, the article states. ABC News improved its content in 1977, and according to Socolow, CBS similarly used news — Edward R. Murrow and WWII, specifically — to catch the dominant NBC. “This is an opportunity for Fox — one it’s never really had before,” Socolow said. “Just as CBS News gambled on ‘60 Minutes’ in the late 1960s — which turned out to be one of the most lucrative television shows in broadcast history — Fox might try innovative programming to distinguish itself more clearly in the cable news universe.”

First-year students to give back to community during Welcome Weekend Day of Service

24 Aug 2016

More than 2,000 first-year students at the University of Maine are expected to volunteer for community projects as part of the seventh annual Welcome Weekend Day of Service on Saturday, Aug. 27. The Bodwell Center for Service and Volunteerism coordinates the Welcome Weekend Day of Service on the first weekend students are on campus to provide opportunities to learn about the community and classmates while giving back. Community service is an important part of UMaine’s culture, says Lisa Morin, coordinator of the Bodwell Center, and the projects offered during the event demonstrate how volunteering can enhance the UMaine experience. The projects also facilitate time for students to bond with others in their residence hall while providing valuable assistance to community organizations, Morin says. Led by 160 UMaine students, faculty and staff, first-year students will participate in more than 55 local, regional and international service projects on and off campus. Projects

include grounds work at Hirundo Wildlife Refuge in Alton, Leonard's Mills/Maine Forest and Logging Museum in Bradley, Orono Land Trust, and Maine Veterans' Home in Bangor; cleanup of the UMaine bike paths, downtown Orono, UMaine's J. Franklin Witter Teaching and Research Center, and Harold Alfond Sports Arena and Stadium; gardening at Fort Knox in Bucksport and community gardens in Orono, Hermon and Bangor; collecting donations and staffing information booths at the American Folk Festival in Bangor; playground maintenance at schools in Bangor, Alton and Old Town; cooking casseroles to be delivered to guests of the Ronald McDonald House in Bangor; washing and restocking Down East Emergency Medical Institute (DEEMI) vehicles in Orono; creating fleece tie blankets for children who are homeless or in foster care; writing greeting cards and letters of encouragement to soldiers; and packing meal, birthday, hygiene and school kits. Morin says although it is great to visit the same organizations annually, new projects also are being added every year. New projects this year include assisting the Bangor Parks and Recreation Department and the Alton School Department with maintenance of playgrounds and trails. "Alton is a very small school and teachers with great ideas can struggle to find volunteers to help. UMaine students will be spending two hours completing work on their new walking trails that would probably take the staff and parents a whole weekend," Morin says. 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. In case of inclement weather, the dinner will be held in the Harold Alfond Sports Arena. Following the dinner, the Traditions Ceremony and Class Picture will be on Morse Field, Alfond Stadium. More information about the Welcome Weekend Day of Service is available on the Bodwell Center [website](#) or by calling Morin at 581.4194. Contact: Elyse Kahl, 207.581.3747

UMaine scientist learns population size of scallops affects fertilization success

24 Aug 2016

Scallop gonads may seem like fun and games to Skylar Bayer given that her missing samples landed her on "[The Colbert Report](#)" in 2013. But scallops are no laughing matter to Bayer. "When I was deciding on a Ph.D. project to pursue, I chose to work on a species that is commercially important and relevant to people's daily life," says Bayer, who is based at the University of Maine Darling Marine Center in Walpole. "Giant sea scallops in Maine seemed extraordinarily relevant." In 2015, Maine fishermen brought in 452,672 pounds of scallop meat valued at \$12.70 per pound — the highest in years. But scallops haven't always done well in Maine and beyond. In the 1990s, after huge reductions in multiple fishery landings, including giant sea scallops, NOAA regulators instituted large fishing closures to try to bolster groundfish stocks. After four years, scallop stocks had increased 14 times what they were prior to the closure. Seeking a similar success story, Maine followed suit in 2009 and instituted a three-year scallop fishing closure. It's theorized that fishing closures work because the lack of fishing activity over time allows a population of animals in the area to grow in size and reproduce. For many marine organisms, Bayer says proximity is required to successfully reproduce. And while it's a great theory, Bayer says it can be tough to demonstrate that's why a closure is successful. "Knowing the mechanism behind a closure can be really important to making decisions about closure location and creating effective management policy," Bayer says, "and part of my research is trying to figure out what that mechanism may be for scallops." Scallops are broadcast spawners — meaning they release sperm and eggs into the water column to meet and produce the next generation of scallops. But sperm and egg cells can be quickly lost in currents before they meet each other. This, says Bayer, is why reducing distance between neighbors may be important for successful reproduction. Her Ph.D. research the last five years has focused on how population size and nearest neighbor distance (or population density) in scallops affect the percentage of eggs fertilized, or fertilization success. To learn more, she developed a way to measure fertilization success in scallops in the field, which is no easy matter. Getting giant sea scallops to spawn relatively on cue is difficult, and Bayer says it requires more than Barry White music and mood lighting. "I think of it a bit like war; you have long periods of boredom and intense periods of panic and activity," she says. Once female scallops start to spawn, the released eggs become less viable over time and less likely to get fertilized at all. "It's very stressful, but it's also a bit of a rush. Scallops only spawn for maybe a few weeks, sometimes less, in the summer and if we miss that window, that's it, we have to wait another 12 months to get any data." Bayer had only eight hours from the start of a spawn to when eggs became nonviable. With the help of lab mates, she collected eggs, piped them into chambers covered in mesh, prepared the boat, then deployed the chambers in the 19-mile long Damariscotta River estuary. In addition, she had to simultaneously run her laboratory experiments or conduct them on days when there weren't enough eggs for a deployment. "I'm very grateful to the help I received from my lab mates. I don't think we could've done what we did without a well-coordinated team like we had at the time," says Bayer. The field experiments — which included scallops of varying population sizes hanging in nets — were set up under docks of cooperative property owners, including Bigelow Laboratories for Ocean Sciences in East Boothbay. The little mesh chambers filled with eggs collected from females in the lab were hung next to these different populations of scallops, in hopes that males might be spawning and fertilize the eggs in the chambers. The mesh allowed sperm to enter and

fertilize the eggs while still keeping the eggs within the chamber. When the chambers were collected, Bayer counted hundreds of eggs to calculate what percentage had been fertilized. Bayer says results of the net experiments showed that population size did affect fertilization success — meaning the more scallops in the net, the higher the average percentage of eggs fertilized. Her initial paper on the research — “Measuring scallop fertilization success in the field: chamber design and tests” — was published in June in *Marine Ecology Progress Series*. Other DMC scientists who took part in the research include Bayer's adviser Richard Wahle, as well as Damian Brady and Pete Jumars. The research is funded by UMaine, NOAA's Scallop Research Set-Aside Program and the National Science Foundation Graduate Research Fellowship Program. This is the first of several papers on the topic she plans to submit for publication. “Scallops don’t live in nets, they live on the seafloor,” Bayer says, adding the next paper will reflect even more realistic conditions. Bayer says hers is the first published research about measuring fertilization success in giant sea scallops. And while it seems obvious the meeting of sperm and egg is important to understanding population growth, she says there’s much more to learn. So, the so-called “lonely lady scientist” featured on “The Colbert Report” continues to make it her professional mission to unravel mysteries of how sperm and egg successfully meet. For more pictures and videos on scallop spawning, check out Bayer’s blog [post](#). Contact: Skylar Bayer, 207.563.8304

Grad student’s art featured on cover of annual climate report compiled by NOAA

24 Aug 2016

Art created by University of Maine graduate student Jill Pelto is featured on the cover of an international climate report compiled by the National Oceanic and Atmospheric Administration. Pelto’s environmental artwork appears on the front and back of the [State of the Climate in 2015](#), an international, peer-reviewed publication released each summer as a supplement to the Bulletin of the American Meteorological Society. The annual summary of the global climate is compiled by NOAA’s Center for Weather and Climate at the National Centers for Environmental Information and is based on contributions from scientists from around the world, according to the AMS. [SlideDeck2 id=50759] The report provides a detailed update on global climate indicators, notable weather events, and other data collected by environmental monitoring stations and instruments located on land, water, ice and in space. The front cover features Pelto’s piece, “Landscape of Change,” which uses data about sea level rise, glacier volume decline, higher global temperatures, and the increasing use of fossil fuels. The data lines compose a landscape shaped by the changing climate, “a world in which we are now living,” according to Pelto. “Salmon Population Decline” is on the back of the report and uses population data about the Coho species in the Puget Sound, Washington, to depict the struggle the population is facing as their spawning habitat declines. Pelto graduated from UMaine in December with a double major in Earth science and studio art, as well as honors. In the fall, she will return to UMaine to pursue a master’s degree in the School of Earth and Climate Sciences. During graduate school, she plans to work with geology professor Brenda Hall on a paleoclimate research project that will include five weeks in the Antarctic. “I am looking forward to the experience of working on an intensive research project and paper for my master’s. I know it will be a really rewarding and challenging two years,” Pelto says. This summer, Pelto participated in the Rozalia Project, a program that protects and cleans the ocean using technology, innovation, solutions-based research and engaging STEM programs. She spent a week onboard the project’s 60-foot sailing research vessel; cleaning the ocean and educating others about the work. For the eighth consecutive year, she also spent part of her summer working with the North Cascade Glacier Climate Project. The program is led by her father, a professor of environmental science at Nichols College in Massachusetts. “This is a project my father, Dr. Mauri Pelto, started — and still runs — when he was working on his Ph.D. at UMaine in the ’80s,” she says. “It is a long-term monitoring project of a series of glaciers in the North Cascades in Washington state.” In the past year, reports about Pelto and her artwork have been published by local and national news organizations, including [Climate Central](#), [GlacierHub](#), [onEarth](#), [Public Radio International](#) (PRI), [Co.Design](#), [PBS NewsHour](#) and [Bangor Daily News](#). Actor Leonardo DiCaprio also shared Pelto’s art on his official [Instagram](#) account, which focuses on climate issues. Most recently she was featured in National Geographic as part of the series, “20 Under 30: The Next Generation of National Park Leaders.” Pelto says now that she has professionally begun an art career, she plans to work as an artist for the rest of her life. “I will always be involved in the sciences, but I don’t yet know the degree to which my work will entail being a research scientist or a scientist communicating art,” she says. Pelto’s artwork also was featured on the cover of the 2015 issue of [MINERVA](#), a publication of the UMaine Honors College. An article about Pelto and her artwork was included in the annual magazine that highlights current students, faculty, alumni and friends of the college. More of Pelto’s art can be seen on her [website](#).

Alexandra Barzin: Kinesiology grad to teach English in Thailand

24 Aug 2016

After graduating from the University of Maine this summer with a bachelor’s degree in kinesiology and exercise science, Alexandra Barzin is already off to her next adventure. The Jamestown, Rhode Island native has accepted a teaching position in

Thailand. Barzin, who will teach English, says she's a little nervous, but mostly excited. "I have always wanted to go on an international adventure and force myself to get out of my comfort zone," she says. "I will be living in Thailand for at least six months, maybe longer if I love it." In her quest to teach abroad, Barzin got help from one of her UMaine professors. Stephen Butterfield, chair of the Kinesiology, Physical Education and Athletic Training Department with the College of Education and Human Development, wrote her a letter-of-recommendation before he retired at the end of the 2015–16 school year. "Dr. Butterfield is always so supportive and so passionate about what he teaches," Barzin says. "I can truly say I've taken so much academically and personally from being in his classes. He is the most amazing professor I've been lucky to have." When she returns to the states, Barzin says she plans to pursue a master's degree in occupational therapy. But she'll always have fond memories of UMaine and the people and classes that helped broaden her horizons. Why UMaine? I chose to go to UMaine because I have family who graduated from here, and when I came I fell in love with the campus. Everyone at Accepted Students' Day was so friendly. It just felt really right to come here. I also wanted to be far enough away from home, so I would be getting the "college experience," but still close enough that I could go home as I needed. UMaine was the best of both worlds for me, and the best choice I could have made. **How would you describe the academic atmosphere at UMaine?** I would describe the academic atmosphere as supportive and inspiring. I am lucky enough to say I came out of UMaine with lifelong friends who have supported me all along my academic journey who have also inspired me to become the person I am today. I also find it encouraging that I never felt intimidated to ask questions or for help from professors, which I don't think is always the case when people go to college. The staff at UMaine taught me so much, and have prepared me for my next chapter in life. **Have you worked closely with a mentor, professor or role model who has made your UMaine experience better, and if so, who and how?** Honestly, all of the professors in the Kinesiology Department have made a profound impact on my UMaine experience. Dr. Butterfield in particular stands out to me. **Have you had an experience at UMaine — either academically or socially — that has changed or shaped the way you see the world?** I joined the Black Bear Mentors program my junior year of college. This organization absolutely changed and shaped the way I see the world. We worked with local children who had social or emotional difficulties. I was paired with one student for two years who inspired me every time I was with him. Although he did not have a lot, he always was teaching me new things and opening my eyes to so many life lessons. He taught me that just because you may not physically have a lot, it does not mean you're not rich with spirit and compassion. He has so many dreams and goals that he had shared with me, he has inspired me to never give up on my dreams, no matter how hard the situation may be. **Describe UMaine in one word.** Amazing! **What is your most memorable UMaine moment?** My most memorable UMaine moment was probably when I graduated. It was an amazing feeling of accomplishment to walk across the stage and receive my diploma. **What do you hope to do after graduation and how has UMaine helped you reach those goals?** I have recently been accepted to teach English in Thailand. UMaine helped me reach this goal by the support of my adviser and former professors. Without their encouragement I wouldn't have been able to accomplish this dream. When I return home, I plan on applying to graduate school to earn a master's in occupational therapy. UMaine has prepared me academically to reach for this goal and succeed. **Have you participated in any internships or co-ops related to your major? Tell us about them and how your experience in the classroom helped prepare you.** I recently finished an internship at New England Rehab Hospital of Portland. I was working with both an occupational therapist and a physical therapist. Over the past few years of studying kinesiology, I did a lot of hands-on learning of the body. At times, I felt very overwhelmed because I never thought I would be able to remember it all, there was just so much. I felt so confident at times during my internship because a therapist would discuss the anatomy of a diagnosis and I would understand what she was saying, whether it be understanding a part of the brain affected by a stroke or being able to understand the long-term or short-term impacts of a spinal cord injury. My time in the kinesiology department taught me so much more than I could have ever imagined. I am truly forever thankful for that. **What is the most interesting, engaging or helpful class you've taken at UMaine?** The most engaging and helpful class I took as an undergrad was Butterfield's Adapted Physical Education. It was so hands-on. Although we were teaching students with physical and mental disabilities, I felt like I was learning so much more from them than they were from me. Have you gained any hands-on or real-world experience through your coursework? If so, tell us about it. I really was able to use the knowledge I gained in the classroom during my internship. I was able to observe the patient like a therapist would and understand anatomically what possibly could be wrong with the patient and how the exercise they would prescribe would benefit them. **What difference has UMaine made in your life?** I came to the University of Maine not knowing one person and not extremely confident academically. I left UMaine with lifelong friends and an education that could never be replaced. I learned so much about myself and from my classes. The support and knowledge I have received here has made me so much more confident as a person. I can truly say I am not the same person I first started as. I will always love UMaine and will always appreciate what I have learned there.

Gary Greenberg ceramic sculpture exhibit to open Sept. 30 in Lord Hall Gallery

25 Aug 2016

The Lord Hall Gallery at the University of Maine presents an exhibition of humorous and politically charged ceramic sculpture

by internationally known artist Gary Greenberg. “THINGS RE: Stuff” runs from Sept. 30 through Nov. 11 in the Lord Hall Gallery. An artist’s reception will be held 5:30–7 p.m. Friday, Sept. 30. Greenberg will give a public presentation on his work and creative process at 6 p.m. Thursday, Sept. 29 in Lord Hall, Room 100. All events are free and open to the public. Greenberg also will conduct a free workshop for art teachers and UMaine students in the Department of Art’s Ceramics Studio, on Saturday, Oct. 1. Due to space limitations, the workshop will be limited to 16, and registration is required. Greenberg is a professor of ceramic art at Clarion University of Pennsylvania. He is known for the biting political and social satire involved in his humorous large ceramic installations. For Greenberg, who invented a wet-fire method of firing ceramic ware using a Weber grill that he calls “Jiffy Pop” Pots, humor is ubiquitous. Lord Hall Gallery is open from 9 a.m. to 4 p.m. Monday through Friday, and is wheelchair accessible. For more information or to register for the workshop, contact Laurie Hicks at laurie.hicks@umit.maine.edu, 581.3247; or Constant Albertson at constant.albertson@umit.maine.edu, 581.3251.

UMaine Extension hosts activities at Maine Farm Days, Morning Sentinel reports

25 Aug 2016

The University of Maine Cooperative Extension was mentioned in a [Morning Sentinel](#) report about Maine Farm Days in Clinton. The two-day agricultural fair included a U.S. Department of Agriculture demonstration on rainfall to show people, especially farmers and landowners, how different types of soil react to rain, according to the article. The demonstration was one of dozens of events including sheep herding demonstrations and pesticide credit workshops hosted by UMaine Extension, the article states.

Republican Journal advances half marathon to benefit 4-H camps

25 Aug 2016

[The Republican Journal](#) reported the sixth annual Blueberry Cover Half Marathon will take place beginning at 7:30 a.m. Sunday, Aug. 28 in Tenants Harbor. All proceeds from the race around the St. George peninsula will benefit the nonprofit Tanglewood and Blueberry Cove 4-H Camps and Learning Centers, which are programs of the University of Maine Cooperative Extension. The camps provide children from Maine and elsewhere the opportunity to learn about the natural environment, leadership, cooperation and creativity in a beautiful and nurturing setting, according to the article. Fundraising events such as the half marathon allow children to attend camp regardless of their ability to pay, the article states.

WAGM covers farm field day at Aroostook Research Farm

25 Aug 2016

[WAGM](#) (Channel 8 in Presque Isle) reported on a farm field day hosted by the University of Maine Cooperative Extension at UMaine’s Aroostook Research Farm in Presque Isle. Field day topics included grain trials, potato breeding and the variety trial program, and crop rotation for control of pink rot potato disease. Lakesh Sharma, a UMaine Extension professor, said the purpose of the event was to show growers the research that is being conducted at the farm, as well as possible potential research coming up in the next few years. Greg Porter, a professor of agronomy at UMaine who leads the university’s potato breeding and variety development program, was one of seven speakers at the event. He discussed new strains of potatoes that are disease resistant, according to the report. The farm also is conducting tests with other types of crops not typically grown in Maine, such as chickpeas, to give farmers a profitable alternative to potatoes, the report states. [Fiddlehead Focus](#) also reported on the event.

TODAY speaks with Blackstone about why people choose to be childfree

25 Aug 2016

Amy Blackstone, a sociology professor at the University of Maine, spoke with [TODAY](#) for the report, “‘I don’t think this is for me’: 7 reasons why people choose to be childfree.” Blackstone spoke about a recent study she co-wrote with UMaine graduate Mahala Stewart, titled “There’s More Thinking to Decide: How the Childfree Decide Not to Parent.” As a woman who has chosen not to have kids, Blackstone said she wanted to understand the different reasons people opted out of parenthood, according to the article. “I really had this feeling that something must be wrong with me,” she said. “Why is it that I’m not feeling this pull toward motherhood that we’re all told, as we’re raised, all of us will feel?” To answer that question, Blackstone interviewed 21 women and 10 men who also chose to be childfree. Although the sample is small, Blackstone believes the study offers an accurate glimpse into people’s decision-making, the article states. The common themes Blackstone

found included the decision was made consciously over time, people wanted to remain close to their partner, and having children would put limits on what they want to do in life, TODAY reported. UpNorthLive.com also cited Blackstone's TODAY interview.

Audubon cites UMaine researcher in saltmarsh sparrow article

25 Aug 2016

University of Maine research was included in the [Audubon](#) article, "The saltmarsh sparrow is creeping dangerously close to extinction." The report mentioned the Saltmarsh Habitat and Avian Research Program (SHARP), a scientific task force that spans the Atlantic coast and includes UMaine researchers. Mo Correll, a postdoctoral researcher with UMaine, has spent the past six years visiting tidal marshes to count birds for SHARP. After combining her observations with data dating back to 1998, she discovered saltmarsh sparrow populations were shrinking by 9 percent each year, according to the article. Correll's latest research looks at four other bird species from the marsh, but shows that the sparrows are by far the most imperiled. A new study in the journal *Conservation Biology*, which Correll helped write, also found that infrastructure near the coast, such as roads and rail lines, may be largely to blame for the population decline, and any resiliency marshes once had against sea-level rise is slowly being erased, the article states.

UMaine welcomes its largest incoming class

26 Aug 2016

The University of Maine is welcoming its largest incoming class — 2,300 students — with Maine Hello on Aug. 26, in preparation for the start of classes for the fall semester on Monday. Arriving on campus, members of the Class of 2020 and their families are being greeted by hundreds of UMaine community volunteers who are on hand to answer questions and help move students' belongings into their residence hall rooms. Maine Hello is a UMaine tradition that is part of the First Year Experience on campus. Also part of the First Year Experience for students: the seventh annual Welcome Weekend Day of Service on Aug. 27, when more than 2,000 new students are expected to volunteer for community projects, coordinated by UMaine's Bodwell Center for Service and Volunteerism. The day will be capped by the President's Annual Dinner on the Mall and a Traditions ceremony in Alfond Stadium for the Class of 2020. "Enrollment growth continues to be a key priority for the university and this past year saw important progress, with increased interest in UMaine among out-of-state students," says Jeffrey Hecker, executive vice president for academic affairs and provost. "As Maine's public research university serving the state, our ongoing commitment is to academic quality and an engaged student experience." In this year's incoming class, 56 percent of the students are from Maine and 44 percent are from out of state. The number of in-state students is comparable to last year, while there has been significant growth in the number of incoming out-of-state students. At the graduate level, new students who have confirmed acceptance into master's and doctoral programs are up 20 percent and 4 percent, respectively, over the same time last year. UMaine's largest incoming class is projected to bring overall enrollment of undergraduates and graduate students to over 11,000, with more out-of-state students than ever before — 30 percent. Enrollment growth continues in UMaine's Signature Areas of Excellence, including engineering, marine sciences, forestry and the environment, and the Honors College. Contact: Margaret Nagle, 207.581.3745

New dual-degree program for College of Liberal Arts and Sciences majors

26 Aug 2016

This fall, bachelor of arts students in any College of Liberal Arts and Sciences major will be eligible to enroll in a five-year MBA program in the Maine Business School. Previously, some departments in the college had MBA agreements. Now, UMaine offers a dual-degree program with the Maine Business School and two colleges — Liberal Arts and Sciences, and Engineering. In the five-year program, students can receive their bachelor's degrees in their majors, and an MBA. Students in UMaine's College of Liberal Arts and Sciences can earn bachelor's degrees in any of over 20 fields in the arts, humanities, social sciences, computer science, and physical or mathematical sciences. Graduate degrees are available in many of these fields.

Emera Astronomy Center to kick off Science Lecture Series Sept. 1

26 Aug 2016

The Emera Astronomy Center at the University of Maine will host a Science Lecture Series the first Thursday of each month as part of a collaborative project with the Maine Science Festival. The lectures will feature research from a variety of science disciplines from around the state and will use the digital planetarium to visualize discoveries in a dramatic and immersive way. The series kicks off at 7 p.m. Thursday, Sept. 1 with “A Walk Among Giants: Building the Largest Galaxies in the Universe.” Elizabeth McGrath, the Clare Boothe Luce Assistant Professor of Physics and Astronomy at Colby College, will explore how the study of massive galaxies helps us understand key astrophysical questions about our universe. Tickets for planetarium programs are \$6 for adults; \$5 for UMaine students, veterans or senior citizens; and \$4 for children under 12. Tickets may be purchased [online](#), by calling 581.1341, or at the center’s box office before the show. More information about McGrath’s talk and the entire series is [online](#).

UMaine Extension cited in BDN article on federal farm assistance programs

26 Aug 2016

The University of Maine Cooperative Extension was mentioned in a [Bangor Daily News](#) article about the expanding options of federal farm assistance programs. United States Department of Agriculture policy changes over the last couple of years have allowed agencies to better help a wider range of farmers and farming operations — including those in Maine, according to the article. Information on federal farm programs is available through the Farm Service Agency’s Maine office [website](#), and other resources can be found through the UMaine Extension’s [Beginning Farmer Resource Network](#), the article states.

Coffin discusses backyard chickens on MPBN’s ‘Maine Calling’

26 Aug 2016

Donna Coffin, a University of Maine Cooperative Extension educator and professor, was a recent guest on the Maine Public Broadcasting Network’s “Maine Calling” radio show. The show focused on how to raise backyard chickens.

The Marshall Project cites UMaine study in report on hazing laws

26 Aug 2016

[The Marshall Project](#), a nonprofit news organization about criminal justice, cited a 2008 University of Maine study in the article, “Does college hazing defy the laws it spawned?” The [study](#), which was conducted by researchers Elizabeth Allan and Mary Madden, found that more than half of college students involved with student organizations experience hazing, according to the report.

Jones speaks about MBS Veteran Entrepreneur Project on WABI

26 Aug 2016

Nory Jones, a professor of management information systems at the University of Maine, and Jerry Ireland of the United Farmer Veterans of America — Maine, visited WABI (Channel 5) to speak about the MBS Veteran Entrepreneur Project (VEP), an online resource for veterans in the state. The purpose of the website and research project is to find useful information, knowledge, expertise and resources to help veterans start or grow a small business. “We discovered there are tons of resources out there, but it’s sort of fragmented and it’s kind of overwhelming,” Jones said. “So the point of this, in trying to help veterans who are interested in becoming business owners, was to try to bring it all together into hopefully an easy-to-use portal, like a one-stop-shop, where they can find anything they need.” The Maine Business School will host the first VEP entrepreneurship workshop, “How to Start a Business 101,” at noon, Wednesday, Sept. 14 in the Bumps Room of the Memorial Union. [WVH](#) (Channel 7) also advanced the workshop.

Free workshop for veterans who are entrepreneurs, want to start a business

29 Aug 2016

How to Start a Business 101 will be held at noon, Sept. 14, in the Bumps Room of the Memorial Union. It is the first in a series of free workshops for veterans who are entrepreneurs or thinking of starting their own businesses. The workshop will be led by Jim Pineau, a veteran who is senior area manager for the U.S. Small Business Administration. Topics will include business planning, access to capital, and assistance for veterans who are entrepreneurs and interested in selling goods or services to the

federal government. For more information or to request a disability accommodation, contact UMaine's Veterans Education and Transition Services (VETS) Office, 581.1316. Free lunch provided; RSVP by 5 p.m., Sept. 8: njones@maine.edu.

UMaine dragonfly research mentioned in California's Benito Link

29 Aug 2016

University of Maine dragonfly research was mentioned in a Benito Link article about Pinnacles National Park in California. Volunteers there took part in dragonfly nymph sampling, which is part of a nationwide project between the National Park Service, United States Geological Survey and the University of Maine. The project, according to the article, includes citizen science work in multiple national parks. Dragonfly nymphs were selected for sampling because they're biosentinels with regard to mercury in aquatic food webs, according to the article.

Press Herald interviews UMMA director about 'Contemporary Currents'

29 Aug 2016

George Kinghorn, director of the University of Maine Museum of Art, was quoted in a [Portland Press Herald](#) piece about the show "Contemporary Currents: Nine New Brunswick Artists" that opens Sept. 23 at the downtown Bangor museum. Kinghorn says he was given the keys to a Canadian art vault and told he could borrow whatever he wanted for the exhibit. He chose several dozen art pieces, according to the article. The exhibition, according to the article, is a continuation of the ongoing cultural exchange that New Brunswick and the Maine Arts Commission began in 2010. Kinghorn also spoke with New Brunswick's [Telegraph-Journal](#) for an article about the exhibit. "This is a landmark exhibition with the museum, in collaborating directly with the New Brunswick government. It was an example of collaboration in its finest," he said. "We are hoping to introduce some of the New Brunswick artists to the Maine art audiences and audiences from throughout New England who visit the museum."

Day cited in AccuWeather report on fall foliage

29 Aug 2016

Michael Day, associate research professor in the University of Maine School of Forest Resources, talked with [AccuWeather](#) for a story about how a warm fall weather could jeopardize this year's foliage. According to the story, forecasters are predicting a warm start to fall across the Northeast, as well as dry conditions, could result in foliage that will be less dramatic than usual. Day said trees require certain cues in early autumn — including rainfall and cooler temperatures — to signal favorable foliage color change and leaf fall.

Multiple media outlets carry AP article on largest incoming class

29 Aug 2016

A number of media outlets carried the AP report that the University of Maine welcomed its largest incoming class — more than 2,300 students. Fifty-six percent of the first-year students are from the state of Maine. Among the outlets carrying the report: The [Portland Press Herald](#), [Foster's Daily Democrat](#), [WCSH6](#), [Washington Times](#), [MPBN](#), [Sun Journal](#) and [The Daily Progress](#).

WABI, BDN cover Maine Hello

29 Aug 2016

[WABI](#) (channel 5) and the [Bangor Daily News](#) covered Friday's Maine Hello, during which about 1,000 students, staff and community volunteers welcomed 2,350 first-year students and their families to campus and helped the new students move into their rooms. "It's a moment where we're really welcoming people to campus saying, 'Hey this is your community, this is where you belong and this is where you're going to make greatness,'" Robert Dana, vice president of student affairs, told WABI.

Call for proposals to support UMaine events

30 Aug 2016

The Cultural Affairs/Distinguished Lecture Series Committee is accepting grant applications from the University of Maine community. Grants support up to 50 percent of expenses associated with cultural events that enhance the artistic, cultural and intellectual life of the University of Maine. The next application deadline is Sept. 26, 2016. Proposals must be submitted online using the CA/DLS Grant Application Form at umaine.edu/president/cultural-affairs/application. Past awards have supported lecture and lecture series; Culturefest, the International Dance Festival; exhibits, performances and guest artists. Grant Application Guidelines and more information about the Cultural Affairs and Distinguished Lecture Series is [online](#). As of FY17, CA/DLS committee will be accepting applications four times a year.

Grant Deadline	For projects starting on this date or later
Sept. 26, 2016	Oct. 24, 2016
Nov. 28, 2016	Dec. 27, 2016
Jan. 30, 2017	Feb. 27, 2017
March 27, 2017	April 24, 2017

Arts and culture: Landscape as language

30 Aug 2016



[Read transcript](#) For recently retired professor Michael Lewis, art is a way of feeling more deeply. For half a century, he has created an innovative body of art that has inspired generations, and been exhibited and acquired in prestigious collections. Lewis doesn't just paint landscapes, says his colleague Laurie Hicks. He paints ideas. Thoughts. Possibilities. He uses the landscape as a medium; in many ways, the landscape is simply the language. Lewis says he and his wife, May, and their children came to Maine never intending to stay. They never found a reason to leave, and the result is a legacy. Read the full magazine story online.

Transcript

Michael Lewis: Art is a way of feeling more deeply, but it can be a catalyst for experience. You experience something more fully and more intensely if you're trying to make a work of art out of it. Then it becomes a record of what you were thinking, where you've been, what you care about over the years, and it might show how that changes. Looking at an artist's work is both an insight into their thinking, and also a record of the changes that they made. When I started working with wash, the thing that was so exciting was that I had no idea what it was going to look like. I'd move the paint, and as I would paint, it would intuitively and spontaneously gravitate toward landscape. But it wasn't about the landscape. That's the only thing I mean. I do paint landscapes, but it's not the goal to show you a particular place. **Laurie Hicks:** Michael is clear evidence of the importance of depth in what you're doing, and not just the representation of what you see, but how you take the representation and create a sense of meaning and relationship to it. I think Michael's landscapes are very clearly that. It's all a matter of pulling information, ideas, thinking, reading, conceptualizing, and then finding a set of marks, and a language for communicating that in some way. **Michael Lewis:** It's a genre, especially in Maine, that people trust, and when they trust, they relax. They know that they understand what it's an image of, and I think that's comforting, in a way. My goal is to take them beyond that, either consciously or unconsciously, and see if it's possible to communicate some of those inner feelings. In my mind, there's nothing that's wholly positive. There's darkness and light, and they vie with each other. That's the metaphor that I investigate the most. **Laurie Hicks:** There's something recognizable about his work. You can't go places out and about without seeing a Mike Lewis sky. For the rest of my life, I'll say, "There's a Mike Lewis sky," because we see these kinds of moments. We don't see them as long periods of time. They're moments that pass us by, but there's something that is experiential, that we internalize, that Mike's images pull out of us. And that sense of awe, the sense of also being very small in a very big world. **Michael Lewis:** I don't want to be making statements that don't recognize the human faults and fragilities. I have to keep balancing what's going on in the light and beautifully bright areas, and what's going on in the darker realms. **Laurie Hicks:** There's that old saying about, "Those who can, do. Those who can't, teach." Michael can, and he teaches. He is so passionate about his work that he is always ready to talk about that, and to share that with somebody. That builds an immediate bridge. I think more importantly, as a teacher, he brings that same passion to somebody else's work. He's always wanting to talk about somebody else's work. He's not somebody who is all about Michael at all. It's about other people, and his engagement with them. **Michael Lewis:** What I try to do is show people the possibilities. I don't even give them a lot of technical advice. I show them the possibilities, and the excitement of working in a serious, committed way. **Lucy Ericson:** Michael Lewis is definitely one of the best people I've met in college. He's been amazing, not only as a professor, but as a person for me, through college. I've learned so, so much from him. **Laurie Hicks:** Because Mike has been here, not since the very beginning of the art department, but very close to the very beginning. He was one of the very first faculty and he's still here 50 years later. He's created a history. He's created a sense of memory that I think is critical to any institution, as well as to the individuals in the institution. **Michael Lewis:** When you get started, you have complete freedom. You can go anywhere you want. Choose a color, and just go with it. After you've worked on it for a while, your freedom is very limited, because now you have to finish it as a finished work of art, keeping some of that same spontaneity, but having already established where you want the painting to go. It's a challenge. I'm going to be retired Aug. 31. I don't know what the direction might be, and that's so much scary as intriguing. I know there's going to be a change, I don't know what it's going to mean. I haven't designed any solution, except to try to keep getting to the studio. [Back to post](#)

Horse pasture management seminar at Witter Center

30 Aug 2016

Maintaining horse pastures is the focus of a half-day seminar for horse owners and caretakers on Saturday, Sept. 17, 9 a.m.–noon at the University of Maine J.F. Witter Teaching and Research Center, 160 University Farm Road, Old Town. Topics include improving the nutritional quality of horse pastures, innovative grazing strategies, weed control, managing heavy-use areas, and preventing soil erosion and water pollution. Speakers will include university faculty from the Northeast with active programs in equine pasture management. The seminar is sponsored by University of Maine Cooperative Extension and the J.F. Witter Teaching and Research Center. The seminar is free; a \$5 donation per person is suggested. For more information or to request a disability accommodation, contact Melissa Libby, 207.581.2788, melissa.libby1@maine.edu or Robert Causey, 207.922.7475, rcausey@maine.edu. More information also is available online.

Engineering program included in Press Herald's Maine Voices column

30 Aug 2016

The University of Maine was included in Carlos Lück's Maine Voices piece in the [Portland Press Herald](#) about engineering

programs partnering with industry. Lück, an associate professor of electrical engineering at the University of Southern Maine, wrote that UMaine and USM are the two universities in the University of Maine System with fully accredited engineering programs. Lück indicated the schools collaborate to ensure students who start their engineering program at either institution can transfer to the other to complete their degree with minimal disruption.

Sorg's fatal drug overdose statistics cited in BDN story

30 Aug 2016

A preliminary analysis by Marcella Sorg, a University of Maine medical and forensic anthropologist, was cited in a [Bangor Daily News](#) article about drug overdoses in the state. According to the Aug. 30 article, in the first six months of 2016, 189 people in Maine have died by drug overdose — an increase of 50 percent over the same time last year. Sorg specializes in health policy, particularly as it relates to public health, public safety and investigation of death and injury. Her preliminary analysis for the state's attorney general found of the 189 fatal overdoses, 121 involved at least one illicit drug by itself or in combination and 126 involved a diverted prescription drug alone or in combination, according to the article. Also, 85 were attributed to at least one pharmaceutical opioid, including methadone and oxycodone, 84 included illicitly manufactured fentanyl or a fentanyl analog, 52 were from one or more benzodiazepines (tranquilizers), 48 were due to heroin or morphine and 25 were from cocaine, according to the article. In 41 of the deaths, alcohol was listed as a co-intoxicant in combination with other drugs, according to the article. [WGME](#) carried the BDN story.

UMaine School of Performing Arts to present 'Mostly Maine Composers' concert Sept. 23

30 Aug 2016

Grammy-nominated and internationally recognized mezzo-soprano D'Anna Fortunato will celebrate Maine composers in a Sept. 23 concert at the University of Maine School of Performing Arts. Taking the Minsky Recital Hall stage with Fortunato for the 7:30 p.m., "Mostly Maine Composers" concert will be Peter H. Bloom, multiple flutes; Thomas Hill, clarinet; and Mary Jane Rupert, piano and harp. Tickets are \$9, or free with a valid student MaineCard, and available [online](#). For more information or to request a disability accommodation, call 207.581.4703. The performance also will be held at 3 p.m., Sept. 24 at the University of Maine at Augusta. The program will be a tribute to composer and Bowdoin College professor emeritus Elliott Schwartz in his 80th year, and will honor other Maine composers: Beth Wiemann, Richard Nelson, Elizabeth Vercoe and Michael Viens. The Maine composers will be on hand to introduce their pieces and discuss the music in an informal post-concert Q&A. The unique program will feature the premiere of "Dividend" (2016, for voice, flute, clarinet and piano), written for the occasion by Wiemann, chair of the Music Department at UMaine School of Performing Arts. Also being performed: "Souvenir for Clarinet and Piano" (1990) and "Soliloquy III for Solo Flute" (2015, written for Peter H. Bloom) by Schwartz; "Play of Light" (2010, for Bloom and Rupert: flute, piccolo, bass flute, and harp) by Richard Nelson, professor of music at the University of Maine at Augusta; "Ah, Winged Muse" and other songs by Michael Viens; "As It Fell Upon a Day" for (voice, flute, and clarinet) by Aaron Copland; "Kleemation" (2003, flute and piano) by Elizabeth Vercoe and "Four Fragments from the Canterbury Tales" (voice, flute, clarinet, and piano) by Lester Trimble.

President Obama's Mandela Washington Fellowship at UMaine

31 Aug 2016

This summer the University of Maine hosted 25 emerging public management leaders from Sub-Saharan Africa as part of the Mandela Washington Fellowship (MWF), the flagship program of President Barack Obama's Young African Leaders Initiative (YALI). The Mandela Fellows spent six-weeks — June 17–July 31 — in Maine, participating in academic, professional and recreational activities statewide. MWF is an academic and leadership program, sponsored by the U.S. Department of State, which provides opportunities for outstanding young African leaders to hone their skills at the nation's top universities. This year, the University of Maine was one of 37 universities chosen to partner with the fellowship. The Maine Mandela Fellows were part of a larger group — 1,000 young African leaders, ages 25 to 35 who were selected from more than 43,000 applications — to study at institutes focused on business and entrepreneurship, civic leadership, public management or energy. They are all emerging leaders and experts in their fields with established records of accomplishment in promoting innovation and positive change in their organizations, institutions, communities and countries. The cohort of fellows who attended UMaine were from Angola, Cameroon, Ethiopia, The Gambia, Ghana, Kenya, Malawi, Mauritius, Nigeria, Rwanda, Seychelles, South Africa, Swaziland, United Republic of Tanzania, Togo, Uganda and Zambia. The Institute on Public Management hosted at UMaine offered overviews of regional, economic and workforce development, financial management in

public and nonprofit organizations, environmental policy management, and the global knowledge economy. The institute was supported by faculty and staff from the School of Economics, School of Policy and International Affairs, Foster Center for Student Innovation, Climate Change Institute and School of Marine Sciences. Carol Kim, the vice president for research and dean of the graduate school, served as the program director and co-led the institute with Jonathan Rubin, professor of economics with the Margaret Chase Smith Policy Center, and Daniel Dixon, sustainability director. Rubin, academic director of the institute, was inspired by the cohort's vision and energy. "Each of the fellows has a strong desire to make their country better," said Rubin adding, "They are the next generation of African leaders." During their stay, the fellows followed a rigorous agenda that included academic coursework, site visits, community service activities and cultural experiences. The fellows participated in academic sessions with UMaine faculty on topics including leadership, climate change, renewable energy, water resource management, fiscal policy and accountability, governance, and Maine culture and history. They toured the Maine Public Utilities Commission, Maine Turnpike Authority and Maine International Trade Center, and met with governmental leaders including, the Deputy Commissioner of Finance Michael Allen, the Public Utilities Commissioner Bruce Williamson and U.S. Ambassador Pamela White. Gov. Paul LePage hosted the fellows for tea and a discussion about leadership at the Maine State House in Augusta. "We met with businesses and business leaders all over the state," said Rubin. "These [fellows] are men and woman with real influence in their home countries and it is important to show them what Maine businesses can do." Some of the businesses that participated were E2Tech, ReVision Energy, Exeter Agri-Energy, EcoMaine, Casella Resource Solutions and Brookfield Renewable Energy Partners. Rubin hopes that the connections the fellows made during their stay translate into potential business partnerships between Maine and African nations. Cultural and community engagement activities were also an important focus of the institute, allowing the fellows an opportunity to better understand the unique cultural landscape of Maine outside the professional and academic experience. The Penobscot Nation welcomed the fellows during a visit to Indian Island, where they learned about Maine's history and cultural heritage from native leaders, including Chief Kirk Francis, Tribal Historian James Francis and Tribal Representative Donna Loring. The fellows explored Acadia National Park on foot and by boat, toured the state's lakes and rivers, ate lobster on the coast, experienced candle-pin bowling, and attended a Sea Dogs baseball game in Portland after learning to play with the UMaine athletics staff. A brave few even sampled lobster ice cream in Bar Harbor. The fellows volunteered their time at UMaine's Roger's Farm where they learned organic farming techniques and assisted with manual pest control, weeding, planting, pruning, composting and cultivation. Each fellow's visit included a weekend home stay with the family of a local resident. As much as the fellows learned from the community, the institute provided an invaluable opportunity for them to learn from one another and build a network of African leaders for the future. Mandela fellow Karine Rassool, from Seychelles, an island nation nearly 1,000 miles off the coast of Kenya, applied to the fellowship to not only study in the U.S., but also for the invaluable opportunity to meet and network with young leaders from other African nations. "I am one person from a country of 90,000 people — I am a dot on the map, but I sincerely believe that I can make a change," said Rasool. "Together we are a continent, can we not make a change?" Shilda Cardoso, a fellow who works to find renewable energy solutions for the oil industry in his home country of Angola, was inspired by his colleagues. "It is amazing how many brilliant minds our motherland Africa has," Cardoso said. Over the course of the program, each of the fellows developed an Ignite talk — an up to five-minute presentation meant to inspire — discussing an issue they felt most important to themselves and their countries. The talks focused on themes of equality, ethics or opportunity. Some of the topics included education, water resources, elephant preservation and climate change. "During the presentations, the passion they showed was amazing," said Jeff Auger, a UMaine graduate student and program coordinator for the institute. "I learned so much from them that day. I saw the leaders they were and how they were going to use what they learned at UMaine in their home countries to make change." One of the Ignite talks was chosen to be presented in Washington D.C., alongside other talks selected from each of the 36 other host universities. Rassool was selected to share her talk on the uncertain future of her island home in the face of climate change and rising sea level. In a speech at the closing ceremony of the institute, Mandela fellow Denis Munuve, from Kenya, challenged the university to look for — and explore — more ways to collaborate with other universities and institutions in Africa. Munuve encouraged young American leaders to visit Africa, a place he calls "the next frontier for growth" to build partnerships that can effect positive change across the continent. Following their six-week stay at UMaine, the cohort was invited to Washington D.C., to join the rest of the Mandela Washington Fellows for the Mandela Washington Fellowship Presidential Summit. The three-day event marked the culmination of the program and featured a town hall with President Barack Obama. During his address to all 1,000 Mandela Fellows and representatives from host institutions, he recognized the brave few who tried the lobster ice cream in Bar Harbor. "So you've got a taste of America, which, for some of you, apparently included something called lobster ice cream, which I've never tasted myself," President Obama remarked. "But I have to admit, it sounds terrible. But that's okay. You were very brave." In his address, President Obama stressed that the answers to the issues facing Africa are in the hearts and minds of the young African leaders the Mandela Washington Fellows represent. "Part of the reason why I love this program is this isn't a matter of what America is doing for you, this is us being partners, but mainly seeing what you can do yourselves to change, transform, and build your countries," said President Obama. "At the end of the day, your vision will have to be won by you and by your fellow countrymen and women." Contact: Walter Beckwith, 207.581.3729

More ‘Preserving the Harvest’ workshops offered around state

31 Aug 2016

University of Maine Cooperative Extension is offering hands-on “Preserving the Harvest” workshops throughout the summer and fall in locations around the state. Upcoming workshops include: **Boiling Water Bath Canning and Freezing**

- 6–9 p.m. Tuesday, Sept. 6, Messalonskee High School, 131 Messalonskee High Drive, Oakland; \$26

Canning Tomatoes and Salsa

- 5:30–8:30 p.m. Thursday, Sept. 8, UMaine Extension, 24 Main St., Lisbon Falls; \$20
- 5:30–8:30 p.m. Monday, Sept. 12, UMaine Extension, 138 Pleasant St. Suite 1, Farmington; \$20

Preserve the Harvest: Apples and More

- 6–9 p.m. Monday, Sept. 19, Scarborough High School, 11 Municipal Drive, Scarborough; \$26

Fermenting Sauerkraut

- 6–7:30 p.m. Thursday, Sept. 22, Skowhegan Area High School, 61 Academy Circle, Skowhegan; \$25

Preserving the Harvest: A Hands-On Food Preservation Workshop

- 5:30–8:30 p.m. Thursday, Sept. 22, Traip Academy, 12 Williams Ave., Kittery; \$30

Canning and Preservation

- 6:30–8:30 p.m. Wednesday, Sept. 28, Lewiston High School, 146 East Ave., Lewiston; \$29

Making Low-Sugar Jam from Frozen Maine Fruit

- 6–9 p.m. Thursday, Sept. 29, Bonny Eagle Middle School, 92 Sokokis Trail, Buxton; \$30

UMaine Extension staff and volunteers will lead the workshops. Fresh produce, jars and other canning equipment will be provided. Fees include a sample to take home. Registration is [online](#). More workshops will be added. For more information, or to request a disability accommodation, call 781.6099 or 800.781.6099 (in Maine).

Reuters quotes Brewer in report on LePage, anger in politics

31 Aug 2016

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Reuters](#) article, “Maine governor’s outburst tests limits of anger politics.” Republican Gov. Paul LePage recently sparked criticism after leaving an obscenity-laced voicemail message for a lawmaker who he believed had called him a racist, according to the article. Legislative leaders from his own party called him into a closed-door meeting to discuss his future, the article states. “I have yet to see any Republican legislator come out on the record in his defense,” Brewer said after the incident. [Times Argus](#) of Vermont also quoted Brewer in an article about LePage.

Moran speaks with BDN about Maine’s apple crop

31 Aug 2016

Renae Moran, a tree fruit specialist with the University of Maine Cooperative Extension, was quoted in a [Bangor Daily News](#) article about Maine’s apple crop forecast. The summer drought may affect this year’s harvest, according to the article, and commercial growers in southern and central Maine are focused on the next few weeks to determine the nature, size and quality of the fruit. Climatic shifts might affect supplies into next year, as well, the article states. “I am concerned about how well our fruit will hold up in storage because a large part of the apple crop is stored in refrigeration until winter or spring,” Moran said. “Apples need wet soil to take up calcium from the soil. When they don’t get enough calcium, they can lose quality during

storage.” She added she is taking a wait-and-see approach about this year’s harvest. “At this time, it’s hard to predict how well apples will store, but there will be enough fruit for an abundant pick-your-own season. I suspect we have enough apples in the state to supply supermarkets well into March,” she said.

AP advances UMaine Extension’s Northern Maine Rural Living Day

31 Aug 2016

The Associated Press reported the University of Maine Cooperative Extension and Southern Aroostook Soil & Water Conservation District will host the second annual Northern Maine Rural Living Day on Sept. 10 at the Agricultural Museum in Littleton. The event will involve agricultural workshops and demonstrations on a variety of topics, including herding dogs, producing backyard maple syrup and growing mushrooms and garlic. More information is on the UMaine Extension in Aroostook County [website](#). [WLBZ](#) (Channel 2) and [The Daily Progress](#) of Charlottesville, Virginia carried the AP report, and [Lancaster Farming](#) also advanced the event.

Farm leftovers to feed 5,000 in Portland, media report

31 Aug 2016

The [Portland Press Herald](#) and Associated Press reported a coalition of hunger advocates in southern Maine, including the University of Maine Cooperative Extension, plan to serve thousands of bowls of free stew made from the state’s leftover harvest. According to the Press Herald, an estimated 2,500 bowls will be dished out during Feeding the 5,000, on Oct. 7 in Portland’s Monument Square. Produce is often left behind in fields because mechanical harvesters cannot pick up every single fruit or vegetable, the article states. The event aims to get fresh produce to the people who need it most instead of letting it go to waste. Event organizers hope to educate the public about food waste and create a structure for future gleanings efforts, according to the reports. Sun Journal carried the AP report.

UMaine makes Princeton Review rankings, WLBZ reports

31 Aug 2016

[WLBZ](#) (Channel 2) reported the University of Maine was one of six institutions in the state to be ranked by Princeton Review. The organization surveyed 143,000 students at 381 colleges and universities across the country, asking them questions about everything from academics and atmosphere, to food and fun, WLBZ reported. UMaine was ranked in several categories, including “Top 50 Green Colleges,” which placed the university at 26, the report states.

AP interviews Bayer about lobster bait alternative

31 Aug 2016

The Associated Press spoke with Bob Bayer, executive director of the University of Maine’s Lobster Institute, for the article, “Goodbye, herring? Biotech gives lobstermen alternative.” Lobster and crab fishermen have baited traps with dead herring for generations, but an effort to find a synthetic substitute for forage fish is nearing fruition, according to the report. A small company has developed “OrganoBait,” a hockey puck-shaped product packed with an artificial attractant crabs and lobsters love, the article states. No one has made commercially successful synthetic bait, and even animal-based alternatives don’t always gain market acceptance, said Bayer, who studies lobsters and has worked on attractants for 30 years. “If somebody comes up with a good one, it will be used,” Bayer said. “If it’s effective and cost effective.” [The Seattle Times](#) and [The Washington Post](#) carried the AP report.

BDN reports on success of garden research project for older adults

31 Aug 2016

The [Bangor Daily News](#) reported on a University of Maine research project that aimed to determine whether residents at two senior housing facilities could successfully grow fresh produce, and whether the physical activity, mental stimulation and ready availability of vegetables would lead to an improvement in their diets and overall well-being. At the end of May, 13 raised garden beds were delivered to two Brewer Housing Authority facilities, with about a dozen residents agreeing to participate in the program led by Kelley Strout, an assistant professor of nursing at UMaine. Funded with about \$7,000 from the University

of Maine Aging Initiative, with additional support from Bangor Greendrinks, the project provided seniors, many of whom are lifelong gardeners, with the opportunity to get their hands back in the dirt, according to the article. Last spring, the participants completed a baseline assessment of their health status, emotional and cognitive functions, and nutritional intake, conducted by students from the nursing and nutrition programs at UMaine, the article states. As the growing season wraps up, Strout said, the gardeners will update their information, allowing the researchers to measure the impact of the project. She said although the three-month trial is unlikely to yield significant data, she expects to see measurable improvements in diet, health and physical activity over time. Strout has applied for external funding to continue and expand the project, with a long-term goal of introducing raised-bed gardening to seniors across the state, the BDN reported. “So much of their time is typically tied up with doctors appointments and figuring out transportation,” she said. “But this project has brought them together in a shared activity, and they’ve made friends with each other.” Gardening expertise for the project was provided by John Jemison, a soil and water quality specialist with UMaine Cooperative Extension.

Faculty, Ph.D. student explore poverty, racial privilege and reform in rural schools

31 Aug 2016

As Maine students return to the classroom from summer vacation, many will do so in communities facing a host of economic and social challenges. Rural parts of the state have been hit especially hard by declines in the state’s timber industry. When a mill closes in a small, Maine town, more often than not there’s no new business waiting in the wings to hire all of the suddenly out-of-work residents. The result is poverty and all of its attendant social problems, which affect schools in a variety of ways. Three University of Maine professors and one doctoral student have co-authored an article in the new issue of “Journal of Cases in Educational Leadership” that explores the impact of poverty, as well as institutional racism, education reform and other issues on educators and schools in rural areas. “Poverty, Privilege, and Political Dynamics Within Rural School Reform: Unraveling Educational Leadership in the Invisible America,” follows John Mathieu, the newly appointed principal of Burnmont High School, as he tries to address these complex issues with his staff. Mathieu and Burnmont are fictionalized composites of several educators and schools, but the themes should be familiar to teachers and school leaders in rural areas, says lead author Ian Mette, an assistant professor of educational leadership at UMaine. “This case draws on many of the realities that educators in a state like Maine do experience,” Mette says. “These include the rising levels of poverty, influx of heroin in communities, school consolidation and changing racial compositions of student populations.” Like many places in rural Maine, Burnmont was once home to a thriving manufacturing industry that employed a large portion of the town’s residents. The community began to lose those manufacturing jobs in the 1980s as globalization began to impact the local economy, and the town has yet to recover economically. Racially, Burnmont is predominantly white. However, pockets of minority groups exist, such as the local Native American tribe, the Dawn Waters Tribe. About five years ago, the Dawn Waters School closed, and its students were consolidated into Burnmont High School. As a teacher and school administrator in the Midwest before coming to Burnmont, Mathieu has experience dealing with poverty and students from diverse racial backgrounds. He also grew up near Burnmont, and yet he struggles with how to address the host of issues presented by poverty and race in this rural setting. Mette says Mathieu’s case can be instructive for school leaders in rural areas. “John (Mathieu) had 10 years to examine his own views on poverty and racial privilege while in the Midwest, which was much more diverse and apparent, and, as a result, had to address these issues. What educators might learn from the case and John’s attempt to address these issues is that change takes time and that teachers should be empowered to help lead the change. All that said, the leader does need to help signal that change is coming,” he says. Mette’s co-authors on the article include Catharine Biddle, UMaine assistant professor of educational leadership; Sally Mackenzie, who recently retired after several years as a UMaine professor in the educational leadership program; and Kathy Harris-Smedberg, a doctoral student in educational leadership, and an elementary principal and Title I coordinator at RSU 18 in Maine. Biddle’s contribution to the article included teaching notes on rural poverty and race in schools. The piece also includes a series of discussion questions and teaching activities, which educational leadership faculty piloted with students in UMaine’s master’s program. Biddle says many students felt the case accurately reflected their own experience in rural schools. “One of the things we talked about is how difficult it is to initiate these conversations in the everyday life of the school,” Biddle says. “There are just so many other things going on, and there’s not that many opportunities to take a step back and to really dig into these issues.” Biddle says the case study does a good job of representing the intersectional nature of issues surrounding poverty, racial privilege and school consolidation that teachers and principals of rural schools face every day. One way faculty try to emulate that in the master’s program is by setting up scenarios like the one described in the article and having students take on the roles of principals or administrators. “We spent a class brainstorming different strategies in our small, regional groups and then when we all got together as a full master’s cohort, they played this out with each other,” Biddle says. Some strategies worked better than others, she says. “One of the things that went really well is that one of the groups did an activity called a privilege walk, where a series of statements are read out loud, and then people step forward if the statements apply to them. And each of the statements represents some type of privilege, so you can physically see in the room how those privileges compound to create a certain type of experience or give

people certain types of advantages,” says Biddle. Mette says there’s a need for rural educators and communities to be able to address their own issues surrounding poverty, racial privilege and school policy, which often differ from issues in more urban settings. “Often research is very urban centric, however rural students make up a third of the national student population,” Mette says. “So just being given space to address these issues is important and often neglected.” Read the article online. Contact: Casey Kelly, 201.581.3751

Study Abroad Fair to be held Sept. 15

01 Sep 2016

The University of Maine International Programs’ Study Abroad Fair will be held Thursday, Sept. 15 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. Attendees will be able to speak with several people including program provider agents, campus program representatives, UMaine students who have studied abroad, students currently visiting on exchange from partner universities, study abroad peer advisers and study abroad office staff. More about the Study Abroad Fair is available online or by calling 581.1509. Information about UMaine’s study abroad program also is available on the UMaine International Programs website.

Kennebec Journal interviews Kersbergen about how drought is affecting hay crop

01 Sep 2016

Richard Kersbergen, a University of Maine Cooperative Extension professor in Waldo County, was interviewed by the [Kennebec Journal](#) for an article about how farmers in central and southern Maine are taking steps to deal with drought conditions. Kersbergen, who specializes in sustainable dairy and forage systems, spoke about how the conditions are affecting the state’s hay crop. He said because of good weather, the first crop was great, but in parts of the state, subsequent hay crops have been substantially reduced or non-existent. “This is one of the drier years I’ve ever seen, and I’ve seen estimates ranging from 25 to 75 percent less than previous years,” he said. Kersbergen added he has been encouraging farmers to take an inventory of how much feed, including hay, they have compared to the amount of livestock, with a goal of storing enough food for the winter, according to the article. One of the challenges farmers face, Kersbergen said, is that if they don’t have enough hay to feed their animals, they are forced to seek out-of-state options because farms around Maine are having the same problems. “But what if they go to New York or somewhere else in New England that is also experiencing similar conditions?” he said. “It’s an out-of-pocket expense, and you can’t guarantee the quality of the hay you’d be buying.”

Socolow writes op-ed on LePage for Boston Globe

01 Sep 2016

[The Boston Globe](#) published an opinion piece about Maine’s governor by Michael Socolow, an associate professor of communication and journalism at the University of Maine. The piece is titled, “Paul LePage: Dickens, with a dash of King.”

Peterson’s Saratoga track review cited in Daily Racing Form article

01 Sep 2016

Mick Peterson, a professor of mechanical engineering at the University of Maine, was mentioned in a [Daily Racing Form](#) article about a review of the training surfaces at Saratoga Race Course in Saratoga Springs, New York. The executive director of the New York State Gaming Commission said at a recent meeting that Saratoga’s operator, the New York Racing Association, brought in Peterson, a racing-surface expert, to examine the tracks in the wake of 10 exercise-related musculoskeletal fatalities, according to the article. Peterson’s review found that the “2016 main-track surface meets standards consistent with previous years,” the article states.

The Guardian cites UMaine hazing study

01 Sep 2016

[The Guardian](#) mentioned research from a 2008 University of Maine study in an article about a high school football coach and

six players in Oregon who are facing criminal charges for “aggressive” hazing. The [study](#), which was conducted by researchers Elizabeth Allan and Mary Madden, found that a quarter of coaches or advisers were aware of hazing behavior, and that 95 percent of hazing victims didn’t tell authorities. Additionally, nine out of 10 students who experienced behaviors classified as hazing didn’t consider themselves hazing victims, according to the article. Van Winkle's also cited the study in the article, "Pledging exhaustion: How sleep deprivation became a dangerous part of Greek life."

International Business Times reports on study of positive health effects from chocolate

01 Sep 2016

[International Business Times](#) reported on a study conducted by researchers at the University of Maine, University of South Australia and Luxembourg Institute of Health that examines the health benefits of eating chocolate. The researchers found moderate chocolate intake lowers the risk of heart ailments and diabetes, according to the article. The study, which was carried out on 1,153 people between the ages of 18 and 69, found that people who consumed 100 grams of dark chocolate a day had better liver enzymes, along with higher insulin resistance. Building insulin resistance not only can help prevent Type 2 diabetes, but it also is linked to reducing the risk of cardiovascular ailments, the article states.

UMaine PD offers tips on avoiding cashier's check fraud

01 Sep 2016

The University of Maine Police Department reminds students and other members of the UMaine community to be vigilant and not fall victim to scams involving fraudulent cashier's checks. Among the important reminders: Accept cashier's checks only from people you know. For instance, new employers will not ask you to deposit a check and then make a withdrawal. Resources to avoid scams and, in particular, cashier's check fraud, are online: FBI fbi.gov/scams-and-safety/common-fraud-schemes/advance-fee-schemes National Consumers League fakechecks.org Federal Trade Commission consumer.ftc.gov/articles/0159-fake-checks U.S. Department of Treasury occ.gov/news-issuances/consumer-advisories/2007/consumer-advisory-2007-1.html

Collins Center to throw a party with Capitol Steps

01 Sep 2016

Dinner inspired by White House menus, a political comedy performance and the unveiling of a refurbished chandelier sculpture will be among the highlights of the Sept. 17 gala at the Collins Center for the Arts at the University of Maine. The Capitol Steps will kick off the 31st season at the CCA with a humorous look at the presidential campaign season. The satirical Senate staffers, who delve into current headlines to create song parodies, began performing in 1981. They’ve recorded more than 30 albums, performed for five U.S. presidents and have been featured on National Public Radio’s “All Things Considered,” CNN’s “Inside Politics” and NBC’s “Today Show.” The troupe will take the stage at 8 p.m. “I cannot think of a better way to kick off our 31st season — which happens to fall within high political season — than with a gala performance from the Capitol Steps,” says CCA executive director Danny Williams. “Their quality and appeal are emblematic of what audiences can expect throughout the season.” The celebratory evening begins at 5 p.m. with a reception in Miller’s Café at CCA, where the renovated “Flame of Inspiration” will be unveiled. The 21-foot-tall, one-ton bronze sculpture was the centerpiece of the lobby when the Maine Center for the Arts — now the Collins Center — opened Sept. 20, 1986. Castine artist Clark Fitz-Gerald created the sculpture, which was a gift from the Class of 1942. It graced the foyer for more than two decades, including when Yo-Yo Ma and Isaac Stern performed at the 1986 MCA grand opening. During extensive renovations to the center between 2007 and 2009 — and the Maine Center for the Arts transition to the CCA — the flame was removed and stored. Metal sculptor and artist Stephen Fitz-Gerald, son of Clarke Fitz-Gerald, prepared the flame for its second unveiling. “By reinstalling the flame, we not only return this signature piece to its intended home, we honor the Class of ’42’s exceptional generosity,” says Williams. At the gala dinner, Dr. Esther Nettles Rauch will be presented the Wilma Award. Named in honor of Wilma Bradford, the annual award is given to a community member who has made substantial contributions to the center and to the promotion and enhancement of cultural activities in Maine. Rauch is a special patron of the arts and longtime friend of the Collins Center and participates in audience development activities with the CCA Opera Outreach Committee. The former professor of English at UMaine and former vice president of Bangor Theological Seminary received an honorary Doctorate of Humane Letters from Husson College and the Deborah Morton Award from the University of New England, which is presented to outstanding women who have achieved high distinction in their careers and public service. She and husband Rear Adm. Charles F. (Chick) Rauch Jr. live in Glenburn. “Esther Rauch is the quintessential opera patron, with a

passion that is unparalleled,” says UMaine President Susan J. Hunter. “She was instrumental in founding the Collins Opera Outreach Committee, a group of enthusiasts who share their love of opera by encouraging attendance and helping provide educational sessions for all operas broadcast to the Collins Center for the Arts. We are very grateful for her vision for the arts that enriches our community.” Gala tickets — which include the reception, dinner made following recipes in White House cookbooks and great seats for the show — are \$115–125 per person. Tickets to see the Capitol Steps are \$25–\$45 per person, plus a \$5 facility fee. To purchase tickets and learn more about the 2016–17 season, contact collinscenterforthearts.com, 207.581.1755. To request a disability accommodation, call 207.581.1755. Contact: Beth Staples, 207.581.3777

Artist to deliver Distinguished Honors Graduate Lecture Sept. 27

02 Sep 2016

The Honors College at the University of Maine will present the TIAA-CREF 2016–2017 Distinguished Honors Graduate Lecture with artist Mark Pettegrow on Tuesday, Sept. 27. Pettegrow will present “Fairing the Edge: In Search of Eloquent Form,” at 3:30 p.m. in Neville Hall, Room 101. In addition, an exhibition featuring several of Pettegrow’s sculptures will be on display in the President’s House from 1–3 p.m. Pettegrow is a 1981 Honors graduate in fine art from UMaine. He studied with Robert Engman, Neil Welliver and Maurice Lowe at the University of Pennsylvania Graduate School of Fine Arts, earning a master’s degree in 1990. He maintains a studio at his home in Bucks County, Pennsylvania and works primarily in wax, plaster and clay for bronze casting or direct metal fabrication. Pettegrow frequently is commissioned to produce works for corporate and private collections, and in many residential architectural installations. Maine continues to be a source of inspiration for Pettegrow, who has family roots in Machiasport and a studio in Kennebunkport. The Distinguished Honors Graduate Lecture series is a collaboration between TIAA-CREF and the Honors College, and is co-sponsored this year by the UMaine Department of Art and the University of Maine Museum of Art. Each year, the lecture highlights the accomplishments of a UMaine Honors graduate. The event serves as an opportunity to recognize the individual’s accomplishments, vision and connection with the Honors College and UMaine.

Lobster Institute statistics cited in WMUR report on calico lobster caught in NH

02 Sep 2016

[WMUR](#) (Channel 9 in Manchester, New Hampshire) cited statistics from the Lobster Institute at the University of Maine for a report about a calico lobster that was caught off the coast of New Hampshire. According to the Lobster Institute, the odds of catching a calico lobster are one in 30 million, making them more rare than a blue lobster. Only albino lobsters are more rare, with estimated odds of one in 100 million, the report states.

Researcher finds scallop population size affects fertilization, media report

02 Sep 2016

The Associated Press reported on the Ph.D. project of Skylar Bayer, a researcher at the Darling Marine Center. Her research the last five years has focused on how population size and nearest neighbor distance, or population density, in scallops affect the percentage of eggs fertilized, or fertilization success. To learn more, she developed a way to measure fertilization success in scallops in the field. “It’s very stressful, but it’s also a bit of a rush. Scallops only spawn for maybe a few weeks, sometimes less, in the summer and if we miss that window, that’s it, we have to wait another 12 months to get any data,” Bayer said. The results of her experiments showed population size did affect fertilization success — meaning the more scallops in the net, the higher the average percentage of eggs fertilized. Her initial paper on the research, “Measuring scallop fertilization success in the field: chamber design and tests,” was published in June in Marine Ecology Progress Series. WABI (Channel 5), [Maine Public Broadcasting Network](#) and The Daily Progress of Charlottesville, Virginia carried the AP report. [Boothbay Register](#) also published a University of Maine news release about research.

Canadian-American Center cited in Kennebec Journal article on national contest winners

02 Sep 2016

The [Kennebec Journal](#) reported five students from Monmouth Academy received an award during a national history contest for a documentary they created on the Acadian deportation of the 1700s. The group’s presentation of their 10-minute documentary was chosen as the best presentation from Maine by the National Park Service during the National History Day contest at the University of Maryland. The expulsion of the Acadians was the forced removal by the British of the Acadian people from

Nova Scotia, New Brunswick, and Prince Edward Island, also known as Acadia, the article states. According to the Canadian-American Center at the University of Maine, the expulsion lasted from 1755 until 1778, and more than 10,000 Acadians were deported from their home in Nova Scotia. The Monmouth Academy group placed second during April's state competition hosted by UMaine, allowing them to compete in the national competition in June, the Kennebec Journal reported.

Blomberg, Morano mentioned in Bangor Metro column on bats in Maine

02 Sep 2016

Faculty in the Department of Wildlife, Fisheries, and Conservation Biology at the University of Maine were mentioned in a Bangor Metro magazine column about bats in Maine. According the article, researchers can now hear bats using microphones designed to pick up ultrasonic frequencies that can be plugged into laptops, translating the sounds into lower frequencies people can hear. The programs also analyze the frequencies to predict the bat species present, which is helpful in Maine where there are eight breeding species, the article states. The author wrote he got to try the technology this summer with UMaine biologists Erik Blomberg and Sabrina Morano, who brought two iPads with attached acoustic microphones and the application to the Curran Homestead in Orrington.

BDN covers Fogler Library event to mark release of Baxter plant guide

02 Sep 2016

The [Bangor Daily News](#) reported on a book launch hosted by Fogler Library at the University of Maine to mark the release of "The Plants of Baxter State Park." The guide includes 857 plant species documented in the park, organized with useful keys and illustrated with 2,000 color photos, according to the article. The book, part of a five-year project that involved dozens of volunteers and contributors, will inform park management in future conservation-related decisions, and is designed to be useful to both botanists and recreationists, the article states. Glen Mittelhauser, executive director for Maine Natural History Observatory, is lead author of the guide that was co-written with seven others, including Alison Dibble, an assistant research professor at UMaine. The guide is published by the University of Maine Press in association with Baxter State Park, Friends of Baxter State Park and Maine Natural History Observatory. "It's a book of rigorous science and beautiful photographs," said Michael Alpert, director of the University of Maine Press. "I think it will give many people a perspective of Baxter they may not have had. People love the mountain; they're interested in the moose; but they may have overlooked the plants."

MPBN interviews Rooks-Ellis about program for Maine children with autism

02 Sep 2016

The [Maine Public Broadcasting Network](#) reported on Early Start Maine, a program developed by the state's Child Development Services in partnership with the Maine Autism Institute for Education and Research (MAIER), a University of Maine-based center. The program is based on the Early Start Denver Model, an intervention program targeting young children diagnosed with autism and aimed at increasing language, learning and engagement. The program was adopted statewide about 18 months ago due to the increasing number of children diagnosed with autism, specifically those who are diagnosed at a young age, according to the report. "Kids 0-3 really need that relationship, play-based model," says Deborah Rooks-Ellis, the director of MAIER. "And the earlier you catch a child with a need, there is research to back up that they'll need less services later in life. So it's really important." Rooks-Ellis said it's important that these services are being delivered in a child's home, so families won't have to travel to get them and to allow parents to learn development strategies from a provider and use those strategies to help their child 24/7, the report states.

Savannah Haines: Passion for the forest and its health

02 Sep 2016

Savannah Haines, a junior from Westport, Massachusetts, majoring in forestry with a minor in environmental horticulture, was one of three students nationwide to be awarded a Robert Felix Memorial Scholarship. The scholarship, which supports undergraduates studying arboriculture and urban forestry, is offered through the TREE Fund, a nonprofit organization committed to supporting the science of cultivating and managing trees in a landscape. Haines is an undergraduate research assistant for the School of Forest Resources collaborating with professor William Livingston and graduate student Kara Costanza on the white pine research team. Haines has contributed to studies of fungal pathogens infesting North American

white pine. *Caliciopsis pinea* is a native fungus that can affect tree growth and lower its potential lumber quality, yield and value. The fungus promotes excessive resin production that stresses the tree and leads to defects or downgrades at the mill. In addition the pathogen can result in thinner white pine crowns, which limits the amount of photosynthesis the tree can complete. Over time these negative effects either lead to or contribute to decline, and potentially, the death of the affected tree, Haines says. As a member of the research team, Haines has helped process the white pine samples that were collected from areas heavily affected by the fungus. The goal is to develop a 3-D model of infestation size and location on a given tree. The team hopes that the project will lead to better management guidelines that will help control and reduce fungal infestations. For this work, as well as her academic excellence, she was also a recipient of the 2016 Edith Patch Award. “I am very honored and thankful to be recognized for my contributions to this project. In addition, having the opportunity to present my research contributions and educate people on the research we have been working on is very exciting,” said Haines. Haines enjoys studying forest pathology because she finds it both challenging and rewarding. “I get to apply my knowledge and learn new things while having a way to help the environment on a larger scale. When the trees suffer, the habitats they make and the wildlife that inhabit them also suffer.” Haines is expecting to graduate in May of 2018 and will be continuing her work with the white pine research team this year. Outside of the forest and classroom, Haines enjoys biking, exploring Orono’s Farmers Market and searching for curiosities at Bangor’s Rock and Art Shop with her friends. **Why UMaine?** I chose the University of Maine for its strong forestry program. I visited many schools in New England, but felt most at home here. **How would you define the opportunities for student success at UMaine? Is there any particular initiative, program, or set of resources that helped you succeed?** I believe that there are ample opportunities for a student to succeed at UMaine. For me personally I attribute my success to the School of Forest Resources’ staff and students. The School of Forest Resources is filled with professors and staff that always push you to do your best. It has a very welcoming environment which makes communication between graduate students, undergraduate students and faculty very easy. **How has UMaine shaped your academic interests? As an undergraduate student how does it feel to have the opportunity and ability to participate in active research?** UMaine has greatly shaped my academic interests. Prior to my education at UMaine, I attended Bristol County Agricultural High School where I majored in arboriculture. Switching from arboriculture to forestry forced me to see the bigger picture. In arboriculture you are concerned with specific tree health in an urban setting. However, in forestry you are concerned with acres of tree health, habitat health and wildlife health. It is very exciting to have the opportunity to participate in an active research project. I am grateful to get the hands on experience and be able to take what I have learned in the classroom and apply it to a real world situation. **Have you worked closely with a professor or mentor who made your UMaine experience better?** Yes, I have been lucky enough to have two mentors, my academic adviser, Dr. Livingston and my boss, [Ph.D. student] Kara Costanza. Working with Kara and Dr. Livingston has been the greatest opportunity of my undergraduate career. I am very grateful and appreciative of both of them for everything they have taught me. Having this job solidifies my intentions of pursuing forest pathology. I really do see myself working with fungus for the rest of my life. **What are your plans for your time following UMaine?** Following graduation I will attend graduate school to get my master’s and doctorate degrees in forest pathology. Ultimately I would like to become a forest pathologist. I enjoy doing research and I see this as a great way to help the environment on a larger scale. **What advice do you have for incoming students to help them get off to the best start academically?** My advice to incoming students is to develop a routine and stick to it. It can be very exciting being away from home and it is easy to let your responsibilities slip. Make sure you leave yourself enough time to eat, sleep, study and have fun. Too much fun or too much studying can be overwhelming and stressful later on.

NSF grant funds STEM education project in chemistry

06 Sep 2016

Scientists and science educators have emphasized the vital role that reasoning with analogies plays in innovation, making new discoveries and advancing science. Fostering college students’ use of analogical reasoning in constructing scientific arguments in chemistry laboratory work is the focus of a more than \$278,000 grant from the National Science Foundation. Mitchell Bruce and Alice Bruce, UMaine associate professors of chemistry, will lead the three-year research project to establish the basis of a new learning cycle developed at UMaine called CORE — Chemical Observations Representation Experimentation. Chemists are adept at using analogical reasoning to make connections between observations that can be made with the senses (macroscopic level), the behavior of submicroscopic particles such as atoms and molecules, and the various representations used in chemistry. However, many chemistry students struggle with making these connections in college courses, which creates a barrier to learning. CORE learning cycle is designed to provide an environment in which students can develop their analogical reasoning skills in a sequence that mirrors the process of experimentation and discovery. A main goal is to support the development of strong analogical reasoning skills in a way that fosters the connections between macroscopic, submicroscopic and representational domains. The NSF Improving Undergraduate STEM Education project offers the potential to provide students with the skills needed to be successful in participating in science, technology, engineering and mathematics (STEM). At UMaine, STEM education is a Signature Area of Excellence. Contact: Margaret Nagle, 207.581.3745

‘Serendipity’ author to speak Sept. 8 at DMC

06 Sep 2016

A professor of ecology and evolutionary biology at the University of California, Santa Cruz, will present a brown bag seminar titled “Adventures in nature and the pathways to ecological understanding” at noon Thursday, Sept. 8 at the University of Maine Darling Marine Center. Jim Estes’ talk will feature excerpts from his book “Serendipity; An Ecologist’s Quest to Understand Nature,” including details about how his failed military draft physical set him on a path to study marine systems. Estes will be in Walpole working with DMC scientists Bob Steneck and Doug Rasher on an ocean acidification project they conducted in the Aleutian Islands. The talk will be held in Brooke Hall on the lower waterfront campus at 193 Clarks Cove Road in Walpole. Attendees are invited to bring a lunch. Directions and more information are on the DMC [website](#).

Brewer speaks with MPBN about presidential race

06 Sep 2016

Mark Brewer, a political science professor at the University of Maine, was interviewed by the [Maine Public Broadcasting Network](#) for the report, “Presidential race in Maine different than many states.” In most states, the two major political parties are well entrenched, and third-party candidates are rarely a factor in the race for president, according to the report. But Maine has long been known for its independent streak, which extends to politics, and some political observers believe third-party candidates will be a factor here this fall, the report states. Although Green Party candidate Jill Stein might hope to bring in former Bernie Sanders supporters, Brewer said he doubts that will happen. “Disgruntled Bernie supporters will — they may grumble about it, they may grit their teeth, they may want to take a shower after — but I think ultimately they will vote for Hillary Clinton,” he said. Brewer added he expects Libertarians may gain full party status, which requires five percent of the vote, and says they might even break into the double digits. As compared to voters in many other states, he said Mainers are more open to voting for an independent or minor party candidate.

Sun Journal publishes op-ed by Scontras

06 Sep 2016

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 “Spirit of Labor Day should be revisited.”

Sturm conducts experiments on WVII to show differences between Earth, Mars

06 Sep 2016

David Sturm, an instructional laboratory and lecture demonstration specialist at the University of Maine, visited the studio of [WVII](#) (Channel 7) for an installment of “Physics Friday.” Sturm demonstrated experiments that show key differences between Earth and Mars in relation to life on the planets.

WABI covers fraternity’s annual concert to raise awareness of sexual assault

06 Sep 2016

WABI (Channel 5) reported on the annual Rock Against Rape concert hosted by a University of Maine fraternity to raise awareness of domestic violence and sexual assault on college campuses. Members of Sigma Phi Epsilon spent nights camping out on the Mall to collect funds for Spruce Run-Womancare Alliance in advance of the free concert, according to the report. “The conversation definitely has to start somewhere, and as you can see in national headlines, it’s very relevant right now,” said Cody Rubner, a member of the fraternity. “There’s a lot of things going on, but it’s up to us to stand up in our community and say our community is not going to accept it, and that there are resources available when things do occur.”

AP quotes Stancioff in report on how dry weather could affect foliage

06 Sep 2016

Esperanza Stancioff, an educator with Maine Sea Grant and University of Maine Cooperative Extension, spoke with the Associated Press for an article about how dry weather in New England could dull some of the region's fall foliage and cut the color short in some locations. In particularly dry areas and those with thin soil, leaves on some trees could turn brown and crispy and fall off, according to the article. Modest stress — such as dry conditions — can also trigger a display of vibrant red in particular trees, boosting the range of color, but that splash won't last long in drought-stricken areas, the article states. "They're having this burst of colors which won't last as long because it's dry and the leaves will drop sooner," Stancioff said. ABC News and [Brattleboro Reformer](#) carried the AP article, and [The Weather Channel](#) cited it in its report on fall foliage.

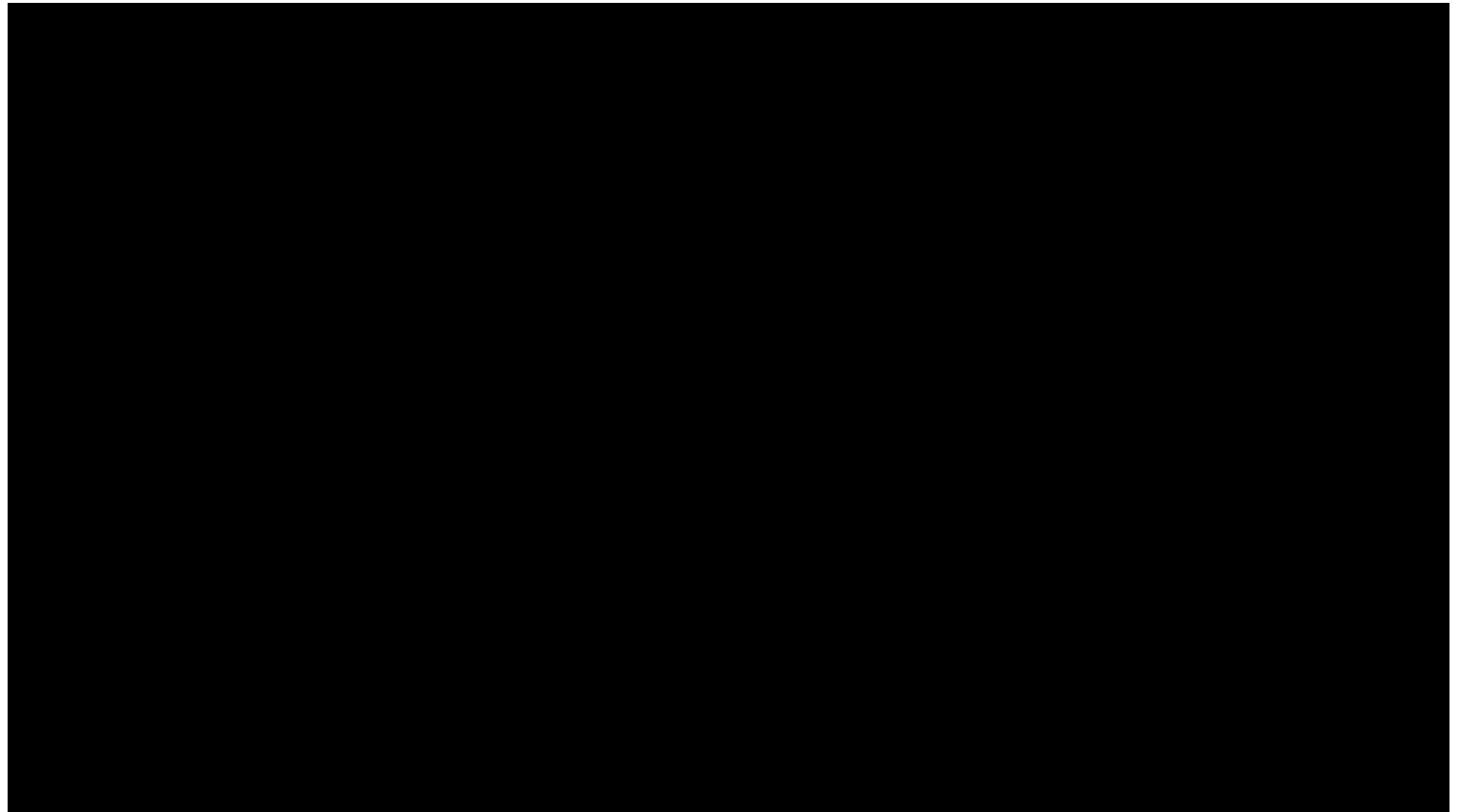
NEPR interviews Vice President Wincowski about Flagship Match

06 Sep 2016

Joel Wincowski, the vice president for enrollment management at the University of Maine, spoke with [New England Public Radio](#) for the report, "New England colleges pursue out-of-state students with discounts." Wincowski spoke about UMaine'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. The program specifically targets students in Connecticut, Massachusetts, New Hampshire, New Jersey, Pennsylvania and Vermont. Wincowski, who helped devise the program, said colleges in the region are under pressure to think creatively to attract students because the number graduating high school these days is declining. "It's declining in every state in New England right now and Maine is a very small state so you can only draw so many students out of the state of Maine," he said, adding UMaine has seen a 40 percent jump in out-of-state enrollment, with the biggest increase from Massachusetts. "The more students from out of state we bring in, the stronger our workforce in the state of Maine will be because I believe 20 percent of our students will stay in state," he said.

First-year students or trained phage hunters?

07 Sep 2016



[Read transcript](#) There is a long list of learning objectives for the phage genomics course in which first-year undergraduates conduct hands-on research. Students learn how to purify and isolate novel bacteriophages — viruses that infect bacterial hosts — from soil samples. They learn how to characterize their individual phages, which can only be viewed using an electron microscope. They learn essential laboratory techniques used to analyze and design unique experiments. But most importantly, the first-year students learn how to learn. Because without that knowledge, the rest is moot. See how first-year students'

participation in a national research projects helps them learn how to think like scientists and prepare for their futures — whether that's in STEM fields or the humanities. Read the full UMaine Today article online.

Transcript

Sally Molloy: Just pick up the lid, and I just turn it a little bit, and drop it on. This is our course, phage genomics. We're in our fifth year of teaching this course, where the curriculum is from the Howard Hughes Medical Institute. **Jillian Doyle:** In September, when we got here, we collected soil samples, and then we went through the process of enrichment, which resulted in a phage, which we worked on for the rest of the semester. **Tessa Lilley:** A phage is a virus that infect bacteria. It's very diverse, so it's a good building block for all the future research. **Sally Molloy:** The phage works as a teaching tool because it is considered probably the most numerous biological entity on Earth, so, back of the envelop math, people predict that there's about 10^{30} total bacteria in the world. For every bacterium, there's at least 10 phage that can infect it. **Keith Hutchison:** As a system to work with, as a teaching tool it's very simple, it's very cost effective, it's very fast for them to work with, and yet it teaches them the entire skill sets that they need to work with any other biological system. They will be using the same tools if they were ever to analyze the human genome, or some other more complex organism. **Jillian Doyle:** We were thrown into the course with very little previous knowledge. There wasn't much hand holding, so we just, on our own, with our groups, and it developed really strong problem solving skills for us. **Sally Molloy:** It's just infinite, the amount of discovery that is available to them, because every phage that they isolate is going to be different than any other phage that was isolated before, so they have the opportunity to ask a novel question, a real scientific question. When students are asking their own questions, and then we can say, "You know what? We can answer that. Let's go into the lab and see if we can answer that question, "that's just amazing. **Tessa Lilley:** We had spent months working with this virus. Obviously, we can't see it with our naked eye, so it was just amazing to be able to see it, and we both sent a picture of it to our parents. They were so excited about it. **Jillian Doyle:** My parents had no idea what it was, but they could tell I was so proud of it. It's only strengthened my love for microbiology. I know this is the path that I wanted to be on. **Keith Hutchison:** You see at some point the transition from being a memorizer, being a student who's not sure why they're there, not sure how to function, to all of a sudden somebody who's nearly a colleague. When you start being able to talk to students as if they are your colleagues, that's really, really exciting. [Back to post](#)

Motivated college students sought to take action to alleviate hunger

07 Sep 2016

The Maine Hunger Dialogue is looking for college students angry that millions of people around the world, and thousands in Maine, do not have enough to eat. And who are motivated to do something about it. "From Outrage to Action" is the theme of the third annual Maine Hunger Dialogue that opens at 9:30 a.m. Friday, Oct. 28, in Jewett Hall at the University of Maine at Augusta. Before the two-day event ends at 12:30 p.m. Saturday, Oct. 29, about 150 students and staff from 20 universities and colleges throughout the state will have packed 10,000 nutritious, nonperishable meals for use by Maine food pantries. The theme "From Outrage to Action" was adapted from Roger Thurow's "Outrage and Inspire" blogs that utilize storytelling to bring focus to global hunger, poverty and malnutrition. Thurow is a senior fellow on global food and agriculture at the Chicago Council on Global Affairs. "He inspires students and others to get angry at the sheer inconceivable fact that so many are going hungry in the world when there is enough food for everyone. Hunger is a result of lack of political will," says Frank Wertheim, University of Maine Cooperative Extension educator in York County. "He encourages us to learn and become outraged at the unnecessary suffering of millions and to channel that outrage into inspiration or, as we have interpreted, action." The Maine Hunger Dialogue began in 2014. It grew out of the UMaine Extension Maine Harvest for Hunger program, which since 2000 has donated 2,197,000 pounds of surplus fruits and vegetables to people, soup kitchens, food pantries and shelters in the state. "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 Wertheim. This year's speakers — including Karin Lapping, a nutrition specialist with Save the Children based in Washington, D.C.; and Mark Lapping, professor emeritus, Muskie School of Public Service — will present information, engage discussion and seek to inspire participants. Karin Lapping, whose work has focused on nutrition in the developing world, says many distinctions made in the past between developed and developing contexts are disintegrating. "It is clear that we need to look locally and globally for innovative solutions to the persistent hunger and malnutrition challenges," she says. "The Maine Hunger Dialogue will provide just such an opportunity." Mark Lapping says hunger is part of the food system landscape of Maine. "By describing the larger issues confronting our state's food system we can understand that hunger alleviation must be part of any strategy to address the other concerns which combine to make us so vulnerable," he says. From 2012 to 2014, Feeding America found Maine was one of 14 states with a significantly higher household food insecurity rate (16.2 percent) than the U.S. national

average (14.3 percent). Maine has an annual gap of 36 million meals — meaning 36 million more meals are needed each year for every household to be food secure. Dialogue participants will be connected with resources to benefit Mainers who are among the 48 million Americans estimated by Feeding America to be living in food insecure households. In addition to discussing food insecurity issues, participants will hone skills to design, communicate and launch effective community-supported hunger-alleviation projects. They'll build on the success of student projects that originated at the previous two hunger dialogues. Campus teams will formulate project ideas, develop budgets and craft social media messages and verbal pitches. Planning team members will provide coaching and technical assistance. Organizers seek to award a minimum of 15 \$500–\$1,000 grants to student campus groups to carry out plans. This year, campus community projects funded by a Hudson Foundation grant will assist immigrant and migrant populations in the state. The groups will be invited to return next fall to share success stories and best practices to inform future efforts to end hunger in Maine and beyond. At the prior two dialogues at UMaine, 235 faculty and students from 20 college campuses and one high school committed to action plans to address hunger in their respective communities. Twenty-one campus teams were awarded \$500 grants for hunger-alleviation projects that were used to establish or maintain campus food pantries as well as plant campus-based community gardens to produce fresh vegetables for local food pantries and for students with low incomes. Other projects created campus food recovery networks to redirect cafeteria surplus to local food security organizations, as well as promoted campus hunger awareness and student engagement activities and organized fundraisers that resulted in \$2,500 for the Mid Coast Hunger Prevention Program. “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,” says Wertheim. “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.” Lisa Morin, coordinator with the Bodwell Center for Service and Volunteerism at UMaine, says she’s excited support for the event has continued for a third year. “These students want to make a difference and the Maine Hunger Dialogue is helping them to achieve sustainable change,” she says. The planning team includes UMaine Extension, Maine Campus Compact, faculty and staff from multiple Maine college campuses, businesses and community volunteers. The \$25 registration fee (\$35 after Oct. 7) includes meals. To register and for more information, visit the Maine Hunger Dialogue [website](#). To request a disability accommodation, contact Theresa Tilton, 207.942.7396, theresa.tilton@maine.edu. Contact: Beth Staples, 207.581.3777

McCormack to receive forest stewardship award

07 Sep 2016

Alumnus Maxwell McCormack Jr., emeritus, School of Forest Resources, will be presented with the prestigious 2016 Austin H. Wilkins Forest Stewardship Award in a Blaine House ceremony Sept. 8. The award recognizes people or organizations for their excellence in furthering forestry, forests or forestland conservation in Maine. Started by the Maine TREE Foundation in 2004, it is the only award in the state that recognizes stewardship of the working forest, according to a Maine Department of Agriculture, Conservation and Forestry news release. For six decades, McCormack has devoted his time, energy and talents to the proper stewardship of forests in Maine and New England through his research, education, review of international forests and by pursuing fact-based evidence. His innovative research, well-crafted studies, and adherence to objective analysis has benefited generations of students. McCormack was appointed to the Panel of Experts for Outcome Based Forestry and to the Forester Licensing Board. He also has contributed his leadership to the Society of American Foresters and the University of Maine Cooperative Forestry Research Unit. He is widely credited for helping lead the vibrant recovery of the Maine spruce-fir forests after the 1970–80 spruce budworm epidemic.

Orono listed among 30 safest college towns in America

07 Sep 2016

Orono was again named one of the safest towns in the country by [SafeWise](#), “the authority on home safety and security news.” Coming in at 14 on the list of “30 Safest College Towns in America — 2016,” Orono was mentioned as offering “a little something for everyone.” “From the quaint downtown business district to the 4,200-foot-long bog boardwalk, this friendly college city is full of small-town charm and extraordinary natural treasures,” the report states. “Orono also boasts the University of Maine, which has been fulfilling its mission of research, education, and service for the past 150 years.” “That commitment to service is evident on the annual Welcome Weekend Day of Service. This year, more than 2,000 incoming students volunteered to help improve the Orono community during the university’s seventh annual event.” Orono also was included in the organization’s list of “50 Safest College Towns in America” in 2015. In compiling this year’s list, SafeWise security experts evaluated the most recent FBI crime statistics, and paired the data with their own research that focuses on safety-related programs and initiatives. The full report is [online](#). SafeWise provides home security system reviews, resources

and guides from industry experts. More about SafeWise is on its [website](#).

BDN publishes op-ed by Fried

07 Sep 2016

The [Bangor Daily News](#) published an opinion article by Amy Fried, a political science professor at the University of Maine, titled “LePage’s governorship is essentially over.” Fried also is chair of the Department of Political Science at UMaine and faculty adviser to the UMaine College Republicans. Her views are her own and do not represent those of any group with which she is affiliated, the article states.

Lincoln County News advances DMC talk by author, biology professor

07 Sep 2016

[The Lincoln County News](#) reported Jim Estes, a professor of ecology and evolutionary biology at the University of California, Santa Cruz, will present a brown bag seminar at noon Sept. 8 at the University of Maine Darling Marine Center. Estes’ talk, “Adventures in nature and the pathways to ecological understanding,” will feature excerpts from his book “Serendipity; An Ecologist’s Quest to Understand Nature.” Estes will be in Walpole working with DMC scientists Robert Steneck and Doug Rasher on an ocean acidification project they conducted in the Aleutian Islands.

Lilley quoted in Press Herald column on husk cherries

07 Sep 2016

Jason Lilley, a sustainable agriculture professional with the University of Maine Cooperative Extension in Falmouth, was quoted in a [Portland Press Herald](#) article about foraged and cultivated husk cherries. The article is part of the “Green Plate Special” column. Called *Physalis pruinosa* by botanists, and husk cherries, ground cherries, husk tomatoes, Inca Berries and Cape Gooseberries more colloquially, the berries are really just prolific weeds, the author writes. The author included her concerns about whether it is a sustainable practice to take a previously foraged food item and “eat it like it’s going out of style.” Lilley said the problem with foraging, is that when an item becomes popular, people overharvest it so the wild species diminishes or disappears “Fortunately for your love of ground cherries, I see no concerns in cultivating this delicious crop,” he said in response to the author’s worries. Ground cherry seeds are distributed by seed companies across the country, he said, which means that a lot of the species is around, and that growers can select varieties that taste best and resist disease.

Media report on actor Sean Astin’s visit to UMaine

07 Sep 2016

The [Bangor Daily News](#), [WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported on actor Sean Astin’s visit to Maine to stump for Democratic presidential nominee Hillary Clinton. On Tuesday, Astin started his day at the University of Maine, where he toured the campus and encouraged students to fill out voter registration cards and to make sure to vote, according to the BDN. Astin later headed to Bangor to speak to a crowd at a book and toy store and to call Mainers in support of Clinton at the Maine Democratic Party Field Office, the article states. Astin told WABI he enjoys working with young people at colleges around the country. “You show up at a college campus and even when people disagree they’re not practiced at the art of being mean yet, so they speak respectfully to each other and that’s easy to work with, whether they agree with you or not,” he said.

Sun Journal interviews Capitol Steps writer ahead of CCA show

07 Sep 2016

The [Sun Journal](#) spoke with a longtime writer for Capitol Steps, a comedy troupe that performs current-event satire, ahead of the group’s University of Maine performance. The group will perform Sept. 16 at Kents Hill School in Kents Hill and Sept. 17 at the Collins Center for the Arts at UMaine. The CCA performance will be part of the center’s gala to kick off the 31st season. Regarding this election year, writer Mark Eaton said, “There’s certainly more comedy on both sides than we’ve ever seen, and the only problem is trying to be funnier than the actual campaign sometimes.” [The Free Press](#) also advanced the Capitol Steps performance at CCA.

Steneck cited in media reports on EU review of lobster ban proposal

07 Sep 2016

Robert Steneck, a marine biologist at the University of Maine's School of Marine Sciences, was cited in an Associated Press article about the European Union extending its review of a Swedish proposal to ban lobsters imported from the U.S. and Canada. The EU announced it will conduct a more extensive review of the proposal after the Scientific Forum on Invasive Alien Species concluded Sweden raised valid points in its request to declare the American lobster an invasive species, according to the AP. The broader review also will take into account the opinions of North American officials, who have criticized the proposal to ban the lobsters, the article states. Steneck said American lobsters don't pose a threat to European lobsters in part because winter ocean temperatures along the coasts of European countries are too warm for American lobsters to reproduce. He said the risk of American lobsters becoming invasive in Europe is "vanishingly small." "I doubt there is evidence that the American lobster can increase in abundance to the point it creates measurable harm to the ecosystem or to humans. Those are the criteria on which 'invasive species' are defined," Steneck said. [CBC News](#), [The Toronto Star](#) and [Daily Mail](#) carried the AP report. [The Washington Post](#) and [The Globe and Mail](#) also cited Steneck in reports on the proposal.

Livingston speaks with WVII about dry season, fall foliage

07 Sep 2016

Bill Livingston, an associate professor of forest resources at the University of Maine, spoke with [WVII](#) (Channel 7) about how this year's dry conditions and current warm temperatures could affect fall foliage. "We need to have warm, sunny days — about 60 degrees — and cool nights — around 40 degrees; no frost, no heavy wind, no heavy rain," Livingston said. "If we get those ideal conditions, we should have a beautiful fall." Trees located in parking lots, sidewalks and wet areas are most at risk, according to the report, but Livingston still believes the state can still expect a colorful fall. "The drought has stressed the trees a little bit, but most of the trees and the leaves are doing just fine," he said. Livingston also spoke with [WLBZ](#) (Channel 2) about the changing leaves.

WABI interviews GSBSE student about muscular dystrophy research

07 Sep 2016

WABI (Channel 5) spoke with Elisabeth Kilroy, a Ph.D. student in the Graduate School of Biomedical Science and Engineering at the University of Maine, about her muscular dystrophy research. Kilroy's father and brother Keegan both have a type of the disease that doesn't have a known cause, according to the report. Kilroy is examining zebrafish with muscular dystrophy to understand appropriate exercise, and hopes to create an animal model to replicate the type of disease her family carries, the report states. "I dream about the day that I get to say, 'Hey Dad, Keegan, guess what I found? The gene. What are we going to name it?'" she said. "It's not just for our family, but it's for everyone else who is living with an unknown type of muscular dystrophy."

Lu Wang: Seeing the forest for its nanocellulose

08 Sep 2016

Maine is home to more than 17 million acres of forestland, making it the most heavily wooded state in the nation, and the forest products industry has long been an important part of the state's economy. Lu Wang, a Ph.D. candidate in the University of Maine School of Forest Resources housed at the Advanced Structures and Composites Center, is searching, at the subcellular level, for new and innovative ways to use one of Maine's most valuable and iconic resources. Wang's research focuses on cellulose nanofibrils (CNF) and their potential application in enhancing polymers used for 3-D printing. CNF are one of the most basic building blocks of plants and trees, and help give wood its strength and rigidity. The abundant, naturally occurring compound can be extracted from trees, plants, waste wood and other biomass to add value to new and existing products. The incredibly small fibers of cellulose molecules — about 1/100,000th the width of a human hair — are estimated to be as strong as steel, but five times lighter. They have the same stiffness as other types of high-performance synthetic fibers, including Kevlar. CNF are nontoxic, biodegradable and derived from renewable sources. Wang's doctoral research focuses on cellulose nanofibril-reinforced plastics, working in collaboration with Douglas Gardner, professor of forest operations, bioproducts and bioenergy, who conducts research at the Advanced Structures and Composites Center. Research in the use of cellulose nanomaterials in plastics is a focus of the center's Polymer Nanocomposites Lab. While 3-D printing is poised to revolutionize the manufacturing industry, Wang says there are some technical issues that need to be solved before the

technology can reach its full potential. “We are addressing one of the most important and fundamental issues in 3-D printing; the printing material,” says Wang. There are two main challenges with conventional 3-D printed plastics, Wang says. First, some materials, like polypropylene, tend to deform during the printing process and warp the printed parts. Second, the 3-D printing process generates voids inside the printed parts and, as a result, they tend to be less strong than their conventionally molded counterparts. Wang believes these concerns can be addressed by using CNF derived from Maine wood pulp. He says the material has extraordinary potential to be used as a reinforcement in plastic polymers where synthetic fibers, like carbon fiber or Kevlar, are conventionally used. “Nature has already made this product for you and we just need to get it from nature. You’re just harvesting it. It’s not synthetic,” says Wang. The team hopes to produce a strong and lightweight CNF-reinforced 3-D printed plastic that can compete with the conventional industrial synthetic plastics available. The potential applications of a stronger, more lightweight 3-D printed material are diverse and include use in biomedical, automotive and aerospace industries. Wang recently was recognized for his research and awarded a 2016 Society of Plastics Engineers (SPE) Automotive Composites Conference and Exhibition (ACCE) graduate scholarship. The \$2,000 scholarship is awarded to students whose composites-intensive projects were judged by SPE to have the greatest potential impact on ground transportation. He is the second School of Forest Resources student to win the highly competitive and international award. UMaine alumnus Alper Kiziltas ’14, received the award in 2012. Wang came to UMaine after receiving his bachelor’s degree from Central South University of Forestry and Technology in Changsha, China and his master’s degree from Nanjing Forestry University in Nanjing, China. He believes the School of Forest Resources is at the top of the list when it comes to forest and wood science research and says the faculty and facilities at the Advanced Structures and Composites Center give him the opportunity to fully explore the possibilities of nanocellulose polymer technology. “I can’t think of a better place to do this research,” says Wang.

Retired diplomat to discuss implications of Russian aggression in Black Sea

08 Sep 2016

A recently retired American diplomat will discuss Europe’s increasingly dangerous security environment at 5 p.m. Tuesday, Sept. 13 in the McIntire Room of the Buchanan Alumni House at the University of Maine. Ambassador Lawrence Butler, who served 37 years as a career member of the U.S. Foreign Service, will address Russian aggression in the Black Sea and its implications for Euro-Atlantic security and U.S. policy. His talk, “Trump and Consequence: High Anxiety in the NATO Alliance,” will reflect fear and confusion growing in smaller European capitals over U.S. and other major allies’ commitment to NATO collective defense Article 5 — which affirms an attack on any NATO member is considered an attack against all members and is cause to collectively mobilize defense efforts. The graduate of Bowdoin College attended the University of Michigan’s MBA program and did graduate work at Princeton University’s Woodrow Wilson School. For more information, contact Peter Fandel at peter.fandel@maine.edu, 581.1835.

Brewer quoted in BDN editorial on state politics

08 Sep 2016

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Bangor Daily News](#) editorial, “With a leadership void in Augusta, it’s up to voters to choose responsible legislators.” This November, Mainers will have the opportunity to vote for strong leaders in the Legislature, according to the editorial. The new Legislature will offer openings for Republican lawmakers who strongly condemned Gov. Paul LePage’s recent actions to play a critical role, the BDN states. “You could end up with ... Republicans who’ve had a change of heart, especially among those who support his policies but not his behavior,” Brewer said. “They could say: ‘If the governor is not going to govern, it has to be us.’”

Gabe’s Waterfront Concerts study cited in BDN article on 2016 season

08 Sep 2016

A 2014 study by University of Maine economics professor Todd Gabe was cited in a [Bangor Daily News](#) article about the success of this year’s Waterfront Concerts series. The promoter’s seventh season was the largest so far for the Darling’s Waterfront Pavilion in Bangor — 21 shows, including two of the highest attended shows in the venue’s history, as well as the 27 shows at the Maine State Pier in Portland, according to the article. Gabe’s research found that in the first four seasons, Waterfront Concerts contributed an estimated \$47.5 million to the Bangor area economy, and that contribution has grown each year, the article states.

Boothbay Register reports on Master Gardener Volunteer program

08 Sep 2016

[Boothbay Register](#) reported the University of Maine Cooperative Extension's Master Gardener Volunteer program for Knox, Lincoln and Waldo counties will be held on Thursday afternoons, Nov. 3 to Dec. 8 and March 23 to May 11. The 45-hour program offers research-based information from UMaine Extension specialists and industry experts, according to the article. Core classes include an introduction to Extension and volunteerism, understanding soils and organic matter, basic botany, integrated pest and disease management, and pesticide safety. Specialized classes include growing vegetables, tree and small fruit in Maine, and food safety. Participants will begin volunteering in their communities in late spring, the article states. Tuition is \$220, and more information is [online](#).

Waste study cited in Press Herald article on recycling-to-energy program

08 Sep 2016

A 2011 waste characterization study by the University of Maine School of Economics was cited in a [Portland Press Herald](#) article about a new food waste recycling program that launched in Portland. The program aims to trigger the next big advance in southern Maine's municipal trash business: collection of household kitchen scraps and other organic waste, according to the article. The UMaine study found kitchen scraps, expired produce and other food waste make up about 30 percent of the trash Mainers throw out. Removing the food items from the waste stream is seen as a key way to reach a statewide goal to recycle half of the state's waste stream by 2021, the article states.

Cryer cited in BDN analysis of waning union membership in Maine

08 Sep 2016

Marc Cryer, director of the Bureau of Labor Education at the University of Maine, was cited in the [Bangor Daily News](#) report, "How waning union membership in Maine may affect what's in your paycheck." The number of union workers around the nation has shrunk with the decades-long decline in manufacturing jobs, according to the article. As the union presence continues to wane, some studies show it could be fueling the nation's widening income gap, the article states. In Maine, union representation — including the public and private sectors — has mirrored the national decline, falling from 14 percent of the state's workforce in 2000 to 12 percent last year, according to data from the U.S. Bureau of Labor Statistics. Cryer said the loss of manufacturing jobs has been a strong factor fueling the decline in union membership.

UMMA to offer new trivia program, Maine Edge reports

08 Sep 2016

[The Maine Edge](#) reported the University of Maine Museum of Art will kick off a new programming series aimed at bringing people to the museum to test their knowledge. "BrainyArt," will begin 6–8 p.m. Sept. 8 at UMMA in downtown Bangor. The event is for adults 21 and older, and the suggested donation is \$5. "BrainyArt is a new social and educational event series at the museum," said Kat Johnson, UMMA education coordinator. "Every two to three months, the museum will open its doors after hours to host a trivia night that tests your knowledge of not only art history, but technical aspects of fine art, color theory, visual puzzles and the like." Johnson said she and George Kinghorn, executive director and curator of the museum, are always looking for new ways to engage diverse groups, and they thought BrainyArt would be a great way to attract young professionals to the museum, the article states. "These trivia nights have a fun and social element, but they also teach attendees a little about the museum, art and art-making in general," Johnson said.

BDN previews Collins Center for the Arts season, opening gala

08 Sep 2016

The [Bangor Daily News](#) advanced the 2016–2017 season of the Collins Center for the Arts at the University of Maine. The season is slated to feature everything from Broadway musicals to chamber music to world-class dance, comedy and more, according to the article. The season kicks off with the CCA's annual gala featuring "The Capitol Steps: What To Expect When You're Electing," a musical political comedy, at 8 p.m. Sept. 17. The event also features an opening party at 5 p.m. including the rededication of the "Flame of Inspiration" sculpture. The [BDN](#) also published an article about Esther Rauch, a Maine educator who will be honored during the gala for her work promoting opera and the performing arts. Rauch will be presented

the 2016 Wilma Award, given by the CCA to an individual or business for contributions to the center and the promotion of cultural activities in Maine. In 2014, Rauch was among a group of fellow opera enthusiasts that launched the Collins Opera Outreach Committee, according to the article. During the week before each scheduled performance of The Met: Live in HD at the CCA, a member of the group leads a free, 90-minute discussion of the featured production at three different sites in Greater Bangor, the article states. WABI (Channel 5) also spoke with Danny Williams, executive director of the CCA, about the upcoming season.

Fogler Library offering Family Night throughout fall semester

09 Sep 2016

The University of Maine's Fogler Library will host Family Night from 6–7 p.m. Wednesdays throughout the fall semester. During this time, families are encouraged to explore the stacks of the Learning Materials Collection on the second floor. Librarians Amber Gray and Grace Liu will be available to help find books and recommend titles. Children of all ages are welcome.

Annual Hispanic Heritage Lecture Series to begin Sept. 15

09 Sep 2016

The University of Maine and CHISPA Centro Hispano will host the ninth annual Hispanic Heritage Lecture Series throughout September and October. All lectures will be held at 6:30 p.m. Thursdays starting Sept. 15 at UMaine's Arthur St. John Hill Auditorium, Barrows Hall, Room 165. The events are free and open to the public and include a reception following each talk. The series kicks off Sept. 15, when Ángel Martínez Loredó, a higher education specialist with the Maine Department of Education, delivers the talk, "Status of Latinos in higher education." Other lectures are "My experience in Maine as a non-English speaking immigrant," by Silvestre Guzmán, director of the Office of Multicultural Student Life at UMaine, on Sept. 22; "The pluralism of Latin American music," by Stuart Marrs, music professor at UMaine, on Sept. 29; and "Hispanics helping people help the land throughout Maine" by state conservationist Juan Carlos Hernández and soil conservationists Misha Vargas and Luis Aponte with the United States Department of Agriculture's Natural Resources Conservation Service, on Oct. 6. Co-sponsors of the lecture series include the UMaine College of Liberal Arts and Sciences, Department of Modern Languages and Classics, and Humanities Center, as well as CHISPA Centro Hispano. CHISPA Centro Hispano is a nonprofit organization based in Bangor that aims to educate the state on Latino culture, heritage and language. For more information about the series, or to request a disability accommodation, contact Maria Rave at maria.rave@umit.maine.edu or Maria Sandweiss at maria.sandweiss@umit.maine.edu.

Yarborough speaks with WVII about end of blueberry season

09 Sep 2016

David Yarborough, a blueberry specialist with the University of Maine's Cooperative Extension, spoke with [WVII](#) (Channel 7) for a report about the state's blueberry season wrapping up. "The season is done," he said. "Ninety-five percent of the wild blueberries in Maine are frozen and they're stored in freezers, and they store for two to three years." He added that storing the berries isn't a problem beyond the cost of keeping the fruit cold. "They will not go bad," Yarborough said of the frozen blueberries.

Morning Sentinel cites water quality study in article on sawmill removal

09 Sep 2016

[Morning Sentinel](#) cited a 1996 study conducted by the University of Maine and the Department of Environmental Protection in the article, "Historic Vassalboro sawmill's removal is a mixed blessing for town, historians." The Alewife Restoration Initiative, an unofficial collaboration of seven organizations, tore down the sawmill for safety reasons and plans to remove the Masse Dam as part of a project to restore the alewives to China Lake, giving them access through Outlet Stream, according to the article. The initiative is working on a years-long project that could potentially revive China Lake, restore its water quality and provide revenue for the town. For decades, septic systems, fertilizer and road runoff polluted the lake, adding phosphorous which then spawned large algae blooms, damaging the aesthetics of the lake, as well as the quality and ecological life, the article states. According to the UMaine and DEP study, water quality has an effect on property values.

Lukens co-writes op-ed for BDN

09 Sep 2016

Margo Lukens, an English professor at the University of Maine, co-wrote an opinion piece for the [Bangor Daily News](#) titled, “Wabanaki women deserve the protection and justice of tribal courts.” Lukens wrote the article with Kati Corlew, an assistant professor of psychology at the University of Maine at Augusta. Barbara Blazej of Dixmont and Doug Cushman of Bangor also contributed to the piece.

Green Party presidential candidate to visit UMaine, media report

09 Sep 2016

The [Portland Press Herald](#), [Bangor Daily News](#), [WABI](#) (Channel 5) and the Associated Press reported Green Party presidential candidate Jill Stein will visit campuses in the University of Maine system Wednesday, Sept. 14 as part of a New England college campus tour. Stein will speak about student loans, college costs and her proposal to make public college tuition free for all students, according to the Press Herald. She also will address her plans for loan forgiveness for former students who are carrying college loan debts, as well as her Green New Deal to bring living wage jobs and protect the environment, the article states. Stein is scheduled to speak at UMaine at 12:30 p.m. in D.P. Corbett Business Building, Room 117. The event is free and open to the public. [WLBZ](#) (Channel 2) carried the AP report.

Garland speaks about Rogers Farm Fall Field Day on WABI

09 Sep 2016

Kate Garland, a horticulturist with the University of Maine Cooperative Extension, visited the studio of WABI (Channel 5) to talk about Fall Field Day at Rogers Farm Demonstration Garden in Old Town. UMaine Extension Master Gardener Volunteers will celebrate the growing season during the event from 10 a.m.–2 p.m. Saturday, Sept. 10. The field day will feature workshops, activities, live bluegrass music and homemade food. Workshop topics include growing garlic, dividing peonies and identifying toxic plants in the landscape. There will be a demonstration beehive, door prizes and children’s activities, including face painting and a garden scavenger hunt. “The garden is really in its prime,” Garland said. “Our Master Gardener Volunteers put in thousands of hours into this garden. ... They put a lot of time and energy into this garden, so we’re eager to have a lot of folks come and see the space.” The event is free and open to the public, and will be held rain or shine.

Boston Globe interviews Brewer about Trump’s chances in Maine

09 Sep 2016

Mark Brewer, a political science professor at the University of Maine, was interviewed by [The Boston Globe](#) for the article, “Trump’s upper hand in Maine’s Down East.” Maine and Nebraska are the only states that award Electoral College votes not only to the statewide winner, but also for each congressional district won by a presidential candidate, according to the article. No one has ever received a single electoral vote in Maine, but local experts say Republican presidential candidate Donald Trump is favored to do so this year, the article states. “Without a doubt, Trump has a chance to win the Second Congressional District. In fact, if the election were held today, he would,” Brewer said. “But he has no chance at winning the whole state and absolutely, positively zero chance at winning the state’s other congressional district.” Another factor that could also benefit Trump in Maine is an Election Day ballot measure to expand gun background checks, the article states. However, Brewer said he doesn’t see the level of voter interest in the gun background referendum rising to the level of interest in the 2014 bear trap vote, especially when other referendums are factored in, such as marijuana legalization. “In the end, the presidential candidates will be driving the turnout,” he said.

McCormack receives forest stewardship award, WABI reports

09 Sep 2016

WABI (Channel 5) reported on a Blaine House ceremony to present Maxwell McCormack Jr., a professor emeritus in the School of Forest Resources at the University of Maine, with the prestigious 2016 Austin H. Wilkins Forest Stewardship Award. The award recognizes excellence in furthering forestry, forests or forestland conservation in Maine. Started by the Maine TREE Foundation in 2004, it is the only award in the state that recognizes stewardship of the working forest, according

to the report. McCormack has devoted six decades of his life researching international forests and educating generations of students on the importance of forest stewardship, the report states. The UMaine alumnus said he believes that despite mill closures of recent years, Maine's future in forestry is solid. "I'm very upbeat. I'm optimistic in the long run because we have a resource that as the world goes on, will become more and more important. And I believe we are going to see a turnaround where Maine is in an outstanding position, because we will have forest resources there that can benefit society," he said.

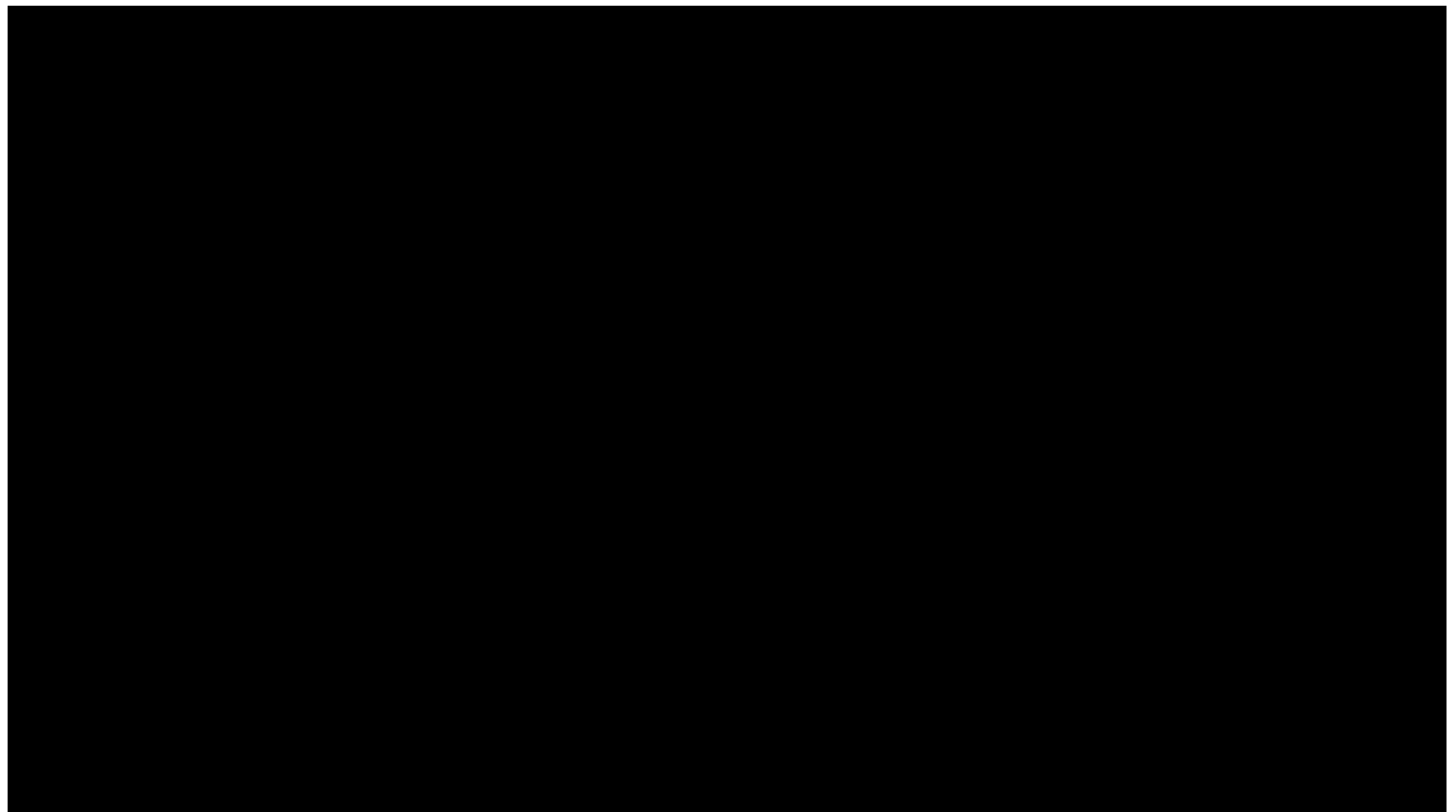
AP reports on scientists' use of underwater drones to study hurricanes

09 Sep 2016

The Associated Press reported researchers from the University of Maine are working on a federally funded program that uses underwater drones to collect data on what sustains and strengthens hurricanes to better understand the storms and to ultimately help protect life and property. UMaine is working on the project with researchers from Woods Hole Oceanographic Institution in Massachusetts, the University of Maryland, Rutgers University and the Gulf of Maine Research Institute, according to the article. As Hermine worked its way up the East Coast, scientists deployed several underwater ocean gliders, which resemble yellow-winged torpedoes, the article states. They were released into the ocean, where at depths of 100 to 300 feet they measured water temperatures, salinity and density before, during and after the storm — measurements that can't be captured when traditional research aircraft are flown into the eye of a hurricane, the AP reported. [CBS News](#), [Portland Press Herald](#), [Sci-Tech Today](#) and [Concord Monitor](#) carried the AP report.

Students: Conducting research to buoy aquaculture

09 Sep 2016



[Read transcript](#) In summer 2016, students from the University of Maine, University of Maine at Machias and the University of New England became SEA (Science for Economic Impact & Application) Fellows. Knowledge gained from hands-on research projects involving oysters, lobster shell hardness and disease, clam growth and surface runoff in the Damariscotta River estuary is intended to advance aquaculture.

Transcript

Heather Leslie: I started the Sea Fellows Program with Brian Beal of the University of Maine at Machias because we saw a real need for a training program focused on Applied Marine Science. We both really love undergraduate mentoring and teaching, and we have fantastic marine science and marine biology programs at Machias and at the University of Maine. We saw opportunities to bring those programs together and involve other students engaged in marine science and applied marine work throughout the state. **Antonia Barela:** This summer, I spent it here at the Darling Center studying the Eastern oyster and I was looking at their feeding activity for the different size classes. Aquaculture is growing at a very fast pace. The Damariscotta River is the hub for oyster aquaculture in Maine. We wanted to measure the feeding activities because currently it's not known or it's not well-understood for different size classes of oysters. Knowing that can help aide farmers in growth models, as well as help them select future lease sites on the Damariscotta River. **Breanna Whittemore:** This summer, I was testing the accuracy of a Submersible Ultraviolet Nitrate Analyzer or SUNA. It is a continuous nitrate monitor that measures nitrate concentrations in the water while it's deployed. Measuring nitrate is very important because nitrate is used by phytoplankton to grow, and phytoplankton in turn get eaten by oysters. There's 80 percent of the oysters that are grown in Maine are produced in the Damariscotta River. It's really important to be able to understand how much nitrate is there to be able to improve aquaculture growth or better growth sites, or anything around the lines of the oysters. **Melissa Rosa:** I was funded this summer through the Sea Fellows Program to work on aquaculture research. I chose lobsters and their shell to focus on, particularly shell disease — disease that leaves lesions all over the lobster's shell. We're working to graphically model small sections of the shell in hopes that we can discover how the pathogen actually infiltrates, and for maybe other researchers to build on that. This is really important because lobsters contribute over a billion dollars to Maine's economy every year. **Margaret Towle:** This summer, I've been working with the American lobster trying to quantify the relationship between blood protein levels and shell hardness over time. This is an important thing to study because it hasn't been done before. Also, it is important for the industry because the longer we can store lobsters, the more they increase in value as their shell reaches a new stage of hardness. **Emmah Day:** This summer, I worked with Arctic surf clams. We're trying to cultivate them to support and diversify the clamming industry in Downeast in Maine. Like all shellfish, bivalves actually, we start with broodstock. We spawn them, collect the larvae, and grow them in the hatchery until they're big enough to put in the ocean. We put them in the ocean in cages or trays, and they continue to grow until they're big enough to seed mud flats with. **Justin Lewis:** This past summer, I've been based at the Downeast Institute, and I spent my work with the Arctic surf clam. The goal of what I'm doing is to find the most efficient growth method. By efficient, I mean that the clams have a respectful rate of growth with a high percentage of survival. When we find that growth method, the goal is to expand the already established market for the Arctic surf clam to Downeast Maine. **Caroline Carrigan:** This summer, I've been at the Darling Marine Center. I have quantified or at least tried to form procedures to quantify the amount of surface runoff coming from the land to the estuary — the Damariscotta River estuary. This is working to fill a long-standing gap of knowledge in how we understand water sheds and surface flow. It's important for responding to land use and in climate changes. We can form management plans based upon this knowledge. [Back to post](#)

Maine Engineering Workforce Summit to be held Sept. 29 in Lewiston

12 Sep 2016

A Maine Engineering Workforce Summit focused on addressing the shortage of engineers necessary to meet the needs of the state will be held Sept. 29 in Lewiston, organized by the University of Maine and a coalition of 13 business, economic development and education groups. Maine's leading experts on the economy, employment, education and engineering will talk about the shortage and the steps needed to address the challenges. Dana Connors, president of the Maine State Chamber of Commerce, will open the summit that will include two panel discussions focused on engineering employers and employees. Other speakers will include economist Charles Lawton, speaking on the role of engineers in Maine's economy; Maine Department of Transportation Commissioner David Bernhardt, speaking about engineers in the public sector; UMaine College of Engineering Dean Dana Humphrey, speaking about the current state of engineering education in Maine; and University of Maine System Chancellor James Page, speaking about the what is needed to increase capacity to educate engineers in Maine. The summit, from 7:15 a.m.–12:30 p.m., at the Ramada Inn Conference Center, 490 Pleasant St., Lewiston, is open to the public and includes breakfast. Tickets are \$20 per person; registration is online. For more information or to request a disability accommodation, contact Victoria Wingo, 207.581.2204; victoria.wingo@maine.edu. Contact: Margaret Nagle, 207.581.3745

UMaine President Susan J. Hunter to receive Deborah Morton Award

12 Sep 2016

University of Maine President Susan J. Hunter is one of three prominent Maine women who will be honored at the 55th Annual Deborah Morton Society Convocation Sept. 20 at the University of New England The ceremony at 11 a.m., in the

Eleanor DeWolfe Ludcke Auditorium on UNE's Portland campus also will honor Gilda Nardone, executive director of New Ventures Maine, and Eileen Skinner, former president and CEO of Mercy Health System of Maine. The Deborah Morton Award, first presented in 1961, was the first annual award in Maine to honor women for their achievements. Bestowed upon women who have achieved high distinction in their careers and public service, or whose leadership in civic, cultural or social causes has been exceptional, the award was named in memory of Deborah Morton of Round Pond, Maine, valedictorian of the 1879 class and a longtime faculty member of Westbrook Seminary, the forerunner of Westbrook College, which merged with the University of New England in 1996. More information about the Deborah Morton Society is [online](#). In the past 54 years, the event has honored more than 180 Maine women, according to a UNE news release. Biographical information about this year's award recipients follows: **Dr. Susan J. Hunter** Susan Hunter received a B.S. in biology from James Madison University and a Ph.D. in physiology from Pennsylvania State University. She completed her postdoctoral work at Case Western Reserve University and Pennsylvania State University. Hunter began her full-time career at the University of Maine in September 1991. She served five years as the executive vice president for Academic Affairs and provost at the University of Maine. At UMaine, she also has held the positions of associate provost and dean for Undergraduate Education; assistant director in the College of Natural Sciences, Forestry, and Agriculture; and a faculty member and chair of the Department of Biological Sciences. Hunter was named president of the University of Maine, effective July 7, 2014. Prior to starting her appointment as UMaine's first woman president, President Hunter served as vice chancellor for Academic Affairs for the University of Maine System, a position she assumed in September 2013. President Hunter served on the Board of Directors of the Bangor Symphony Orchestra, and the Maine School of Science and Mathematics and the Maine Mathematics and Science Alliance and currently serves on the Maine Development Foundation. **Gilda E. Nardone** Gilda Nardone received an M.S. in education from Wheelock College, a B.A. from the University of Massachusetts and an A.A.S. from Westbrook College (University of New England). In 1978, Nardone was named executive director of New Ventures Maine, an organization that provides training and services to individuals in work/life transition throughout the state of Maine, and currently continues to hold this position. Nardone is the recipient of the Maine Commission for Women's Progress Award, the Maryann Hartman Award and the Women in Public Life Award. She was inducted into the Maine Women's Hall of Fame in 1993 and the WomenWork! Hall of Fame in 2004. She is also the recipient of the Distinguished Service Award from the University of Maine at Augusta, the Tower Award for Alumni Achievement from Westbrook College and the Women in Business Champion for Maine and New England, Small Business Administration award. Nardone has been the chair of the Women's Employment Issues Committee of the Maine State Workforce Board, the Family Law Project Advisory Board and the Leadership Work Group of the Justice Action Group's Statewide Planning initiative. She is also a former board member of the Eleanor Humes Haney Fund, the Maine Equal Justice Project and the Women Work! The National Network for Women's Employment. **Eileen F. Skinner** Eileen Skinner received an M.H.A. in health administration from Tulane University, a B.S. in Medical Technology from St. Mary's Dominican College and is a Fellow with the American College of Healthcare Executives (FACHE). Skinner is a health care administration executive with many years of experience. She was most recently the president and chief executive officer of Mercy Health System of Maine, a member organization of Eastern Maine Healthcare Systems (EMHS). Originally from New Orleans, Skinner moved to Maine when she assumed her position at Mercy in September 2002. Prior to arriving in Maine, she was executive vice president of Alton Ochsner Medical Foundation and CEO of Ochsner Foundation Hospital. Skinner also currently serves on the Maine State Chamber of Commerce Board of Directors, the Junior Achievement Laureate Nominating Committee and the Muskie MPH Advisory Committee. Contact: Margaret Nagle, 207.581.3745

UMaine receives award from new NSF program aimed at broadening STEM

12 Sep 2016

The University of Maine is one of 37 colleges, universities and educational groups nationwide to receive first-ever awards for the National Science Foundation's INCLUDES program, a comprehensive initiative to enhance U.S. leadership in science and engineering by broadening participation in the fields of science, technology, engineering and mathematics (STEM). UMaine will receive \$300,000 for a two-year pilot project that builds on its successful Stormwater Management Research Team (SMART) program based in the College of Engineering that has created a diverse STEM pathway with community water research. The pilot projects were selected for their potential to deliver prototypes for bold, new models that broaden participation in STEM, according to an [NSF news release](#). Near the end of the two-year pilot projects, UMaine and the other organizations now in the national INCLUDES Alliance will be eligible to be one of the five initiatives selected for up to \$12.5 million each in funding. NSF INCLUDES (Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science) aims to improve access to STEM education and career pathways at the national scale, making them more widely inclusive to underserved populations. Over the next decade, NSF will expand the program, with the goal of developing a science and engineering workforce that better reflects the diversity of U.S. society. At UMaine, the NSF-EPSCoR Track III funded SMART program is a hands-on, project-based education initiative to engage high school girls and minority students in engineering and sciences. In 2014–15, the initiative trained and engaged 150 high school students and 15

teacher mentors in researching the effects of stormwater pollution. SMART student-mentor research groups are located around the state, including Kittery, Portland, Lewiston, Bangor and Eastport. The SMART program is “a bold approach to changing the face of the STEM workforce,” says Mohamad Musavi, associate dean of the College of Engineering and SMART project director. “This experiential learning approach is breaking down barriers between K–12 education and higher education institutions, and focusing on applying collective knowledge and workforce immediately in local communities.” In the new initiative, led by Musavi and Jennifer Isherwood in the College of Education and Human Development, UMaine’s SMART project will be introduced at City College of New York, Mississippi State University, University of South Florida, University of North Carolina at Charlotte and Boise State University. The goal of the pilot project is to engage an effective system of partners in improving opportunities for women and minority students in STEM fields using stormwater as a topic throughout their education. The collaborative effort will aim to diversify the face of STEM education, focused on particular challenges for women and underrepresented minorities, while addressing a vitally important community environmental issue: stormwater contamination and management and its effect on water quality in both freshwater and saltwater environments. The globally important issues of water quality and stormwater unifies students and easily translates anywhere to active, community-connected research. Building on these initial awards, NSF INCLUDES will provide networked testbeds for STEM inclusion, connecting participants and enabling them to determine the key components and approaches that lead to sustainable progress at a national scale. NSF INCLUDES will invest in alliances and partnerships that scale up efforts to broaden STEM participation among underrepresented groups, including women, Hispanics, African-Americans, Native Americans, persons with disabilities, people from rural areas and people of low socioeconomic status. More about the NSF INCLUDES program is [online](#). Contact: Margaret Nagle, 207.581.3745

Rescue training Sept. 12–14 on campus

12 Sep 2016

University of Maine Facilities Management staff and members of the Orono and Old Town Fire Department will be conducting confined space rescue training exercises on campus from 3:30–4:30 p.m. Sept. 12–14. The training exercise also will involve the UMaine Police Department, and the university’s Safety and Environmental Management Department. The trainings will occur:

- Monday, on Hilltop Road in front of the New Balance Student Recreation Center
- Tuesday, on Long Road in front of Oxford Hall
- Wednesday, in the quad between Patch Hall and DTAV, at the South end nearest DTAV Community Center, Rangeley Road

For more information, contact Cpt. Scott Luciano, Orono Fire Department, 866.4000, sluciano@orono.org; or Gerald Stormann, UMaine HVAC, 659.0030.

Two Maine 4-H staff members win national awards

12 Sep 2016

Two University of Maine Cooperative Extension staff members will be recognized with national 4-H awards for outstanding achievements in creating opportunities for young people across the state of Maine last year. Kristy Ouellette, UMaine associate Extension professor in 4-H youth development in Androscoggin and Sagadahoc counties, will receive the National Distinguished Service Award for having been actively engaged for seven years or more in Extension 4-H youth programs. Susan Jennings, UMaine resource development officer and Maine 4-H Foundation director based in Falmouth, will receive the Denise Miller 4-H Innovator Award, a national honor recognizing innovation, accomplishment, and commitment in the design and delivery of a unique 4-H program. The awards will be presented at the 4-H national conference in New Orleans Oct. 13. Ouellette, who joined the UMaine Extension faculty in 2008, has been a leader in 4-H STEM initiatives; the new 4-H Children, Youth and Families at Risk (CYFAR) project; and Tech Wizards, a youth mentoring project through National 4-H Council with federal funding from Office of Juvenile Justice and Delinquency Prevention. Her work has led to more than \$1.7 million in grant funding supporting Maine youth. Jennings and the youth trustees of the Maine 4-H Foundation launched the Maine 4-H Pitch Project in support of entrepreneurial projects for Maine young people. Residents from ages 5 to 18 can pitch a project or new business idea and receive funding from the Maine 4-H Foundation Youth Trustees. In two years, more than \$45,000 has been raised to endow an annual fund to support more than 14 small-business and innovative club projects. Maine youth receiving awards include an 8-year-old running a rhubarb farm, a 12-year-old raising chickens and eggs, and one youth operating a school and community garden.

Master Gardener Volunteers program cited in Ellsworth American article on Hancock garden

12 Sep 2016

[The Ellsworth American](#) reported the Hancock Community Garden, which has been planted and harvested for six years, was recently expanded by about 1,300 square feet. The garden is farmed by residents as well as members of the University of Maine Master Gardener Volunteers program, according to the article. “The enlargement is for the Master Gardeners to be able to grow more food to donate,” said Renata Moise, a member of the Community Garden Committee. “The Master Gardeners have donated thousands of pounds of organic produce over the last few years.” The donations are made under the Maine Harvest for Hunger program, an outreach program of UMaine Extension.

Lukens to participate in Belfast book discussion series, Republican Journal reports

12 Sep 2016

[The Republican Journal](#) reported the Belfast Free Library will host a discussion series focused on the book, “Dawnland Voices: An Anthology of Indigenous Writing from New England,” beginning Monday, Sept. 19. The series is free and open to the public. Participants will focus on portions of the book that include Native writers from Maine tribal communities, in preparation for three Monday night discussions in the Abbott Room of the library, according to the article. The Sept. 19 meeting will cover the Introduction and MicMac selections; Oct. 17 will cover the Maliseet and Abenaki; and Nov. 14 will cover the Passamaquoddy. Guest facilitators for the final session will be Sherri Mitchell, Penobscot lawyer and executive director of the Land Peace Foundation; and Margo Lukens, a professor of English at the University of Maine, the article states.

BDN publishes op-ed by Godfried, McKillen

12 Sep 2016

University of Maine history professors Nathan Godfried and Elizabeth McKillen co-wrote an opinion piece for the [Bangor Daily News](#) titled, “Kids today have grown up on the War on Terror.” Godfried has taught U.S. history at UMaine for 21 years and has written many books and articles dealing with American politics, labor and the mass media. McKillen has taught U.S. foreign relations and labor history at UMaine for the past 24 years. She is the author, most recently, of “Making the World Safe for Workers: Labor, the Left, and Wilsonian Internationalism.”

WABI covers Fall Field Day at Rogers Farm

12 Sep 2016

WABI (Channel 5) reported on Fall Field Day at Rogers Farm Demonstration Garden in Old Town. The University of Maine Cooperative Extension Master Gardener Volunteers hosted the event to celebrate the growing season with workshops, activities, live bluegrass music and homemade food. Workshop topics include growing garlic, dividing peonies and identifying toxic plants in the landscape. LeBelle Hicks, a state toxicologist, discussed poisonous plants such as foxglove, comfrey, deadly nightshade and cherry pits. “There’s a lot of misinformation out there, and part of what I do is take the scientific training that I have, translate it into English and help people deal with toxic issues,” Hicks said. The field day also included a beehive demonstration, door prizes and activities for children, according to the report.

Provost Hecker speaks with Press Herald about Flagship Match, enrollment increase

12 Sep 2016

Jeffrey Hecker, the University of Maine’s executive vice president for academic affairs and provost, was quoted in a [Portland Press Herald](#) article about University of Maine System enrollment. The Press Herald reported that although fewer students enrolled in the system this fall compared to last year, the system more than made up for it financially with a nearly 8 percent increase in out-of-state students, who pay significantly higher tuition. Two of the system’s campuses — Orono and Front Kent — reported enrollment increases over last year, while the others posted declines, according to the article. Hecker said the new Flagship Match program helped boost UMaine’s figures and finances. The financial aid program allows students to pay only what their home state’s flagship university would have charged them as an in-state student, the article states. Overall enrollment at UMaine is up 1.6 percent to 11,077 students, and out-of-state students now make up 30 percent of the overall

student body. This fall's incoming class of 2,300 students is 44 percent from out-of-state, compared to 16 percent five years ago, the Press Herald reported. Hecker said UMaine plans to expand the Flagship Match program to California and Illinois, which have raised in-state tuition in recent years. "It's a challenge having flat tuition in (Maine), but it is in a way an advantage because other states have really increased their in-state tuition," he said. "We're benefiting from those decisions." Massachusetts native Tim Ryan said he decided to attend UMaine after hearing about Flagship Match online. The Associated Press and [Mainebiz](#) cited the Press Herald article. [SF Gate](#) and [WABI](#) (Channel 5) carried the AP report.

Aquaculture firm working with UMaine awarded federal grant, AP reports

12 Sep 2016

The Associated Press reported an Augusta firm that manufactures aquaculture pens will receive about \$100,000 from the federal government. The U.S. Department of Agriculture is giving InnovaSea Systems a Small Business Innovation Research grant to research whether its pens can be made using a strong and stiff composite lumber, as opposed to high-density polyethylene plastic, according to the article. U.S. Rep. Chellie Pingree said the project combines two important industries in the state: wood-based composites and marine construction. The company will work with University of Maine researchers to test the effectiveness of the composite in the lab and ocean, the AP reported. [The Washington Times](#) and [Portland Press Herald](#) carried the AP report.

Science360 features UMaine salmon embryo research video

12 Sep 2016

A University of Maine video on research being conducted by LeeAnne Thayer, a Ph.D. candidate in marine sciences, and Heather Hamlin, an assistant professor of aquaculture and marine biology, was featured on [Science360](#). For the past 15 years, aquacultural salmon farmers in Maine have struggled with plummeting embryo survival rates, forcing them to drastically increase the number of eggs they produce. In an effort to determine what is causing the declines, Thayer and Hamlin are studying the embryonic development of salmon in order to increase their survival rates, save farmers money and keep Maine's aquaculture industry afloat. Sponsored by the National Science Foundation, Science360 is an up-to-date view of breaking science from around the world. The Science360 Video Library immerses visitors in the latest wonders of science, engineering, technology and math. It gathers the latest science videos provided by scientists, colleges and universities, science and engineering centers, the NSF and more.

President Hunter, Provost Hecker write op-ed for BDN

12 Sep 2016

University of Maine President Susan J. Hunter and Jeffrey Hecker, UMaine's executive vice president for academic affairs and provost, co-wrote an opinion piece for the [Bangor Daily News](#) titled, "Why recruiting more UMaine students from away builds a stronger Maine." The article cited a new study by UMaine economics professor Todd Gabe that evaluates the impact of the university's out-of-state undergraduate students on Maine's economy. Gabe's analysis revealed that out-of-state undergraduate students annually generate about \$160 million in economic activity in Maine, according to the article. "Expansion of Maine's educated workforce is essential for a vibrant Maine economy, and educating more out-of-state students in Maine is essential to that expansion. UMaine is proud to be a partner in building a stronger Maine," the article states.

New study shows impact of out-of-state students on the Maine economy

12 Sep 2016

A new study about the University of Maine's out-of-state undergraduate students found that their activities generate a statewide annual economic impact of an estimated \$160 million, according to UMaine Professor of Economics Todd Gabe. In addition to the annual economic contribution — including multiplier effects — in spending, Gabe found UMaine's out-of-state undergraduate students fill 1,332 full- and part-time jobs, and earn \$62 million in labor income (e.g., wages and salaries) each year. The direct economic impacts are interpreted as the economic activity supported by the spending of UMaine's out-of-state, undergraduate students on such expenses as housing and food, tuition, entertainment and clothing; and the expenditures made by their visitors. In a School of Economics Staff Paper, released in August, Gabe based his analysis on UMaine's out-of-state undergraduates projected to be enrolled in fall 2016 and student expenditure figures collected in a primary survey. This fall, nearly 45 percent of the incoming class of nearly 2,300 — the largest in UMaine history — come from outside of Maine. Gabe

surveyed more than 300 students — more than 30 percent of them from outside Maine — enrolled in the spring 2016 semester about their spending habits on items such as housing, food, tuition, entertainment and clothing, as well as the spending on lodging and restaurants by their friends and family members who visit from out of state. Other key results of his analysis:

- UMaine's out-of-state, undergraduate students reside in the local area (Orono, Old Town, Bangor, Brewer, etc.) an average of 8.5 months per year; about 11 percent of these students are in the local area for 11 months or more. UMaine's out-of-state, undergraduate students spend an average of \$591 per month on housing — both on- and off-campus housing.
- UMaine's out-of-state, undergraduate students spend an average of \$518 per month in the local area on food and beverages, including expenditures on groceries, restaurant meals and drinks, and UMaine meal plans (for those students who live on-campus).
- UMaine's out-of-state, undergraduate students spend money on entertainment and recreation in the local area an average of three times per month, and spend an average of \$30 per month in the local area on entertainment and recreation.
- UMaine's out-of-state, undergraduate students spend an average of \$26 per month on clothing, and \$19 per month on games/hobbies/gifts/personal items purchased in the local area.
- UMaine's out-of-state undergraduate students host an average of six nonlocal visitors — “day only” and overnight — during the year. About 15 percent of these students host 10 or more visitors from outside the local area.

Executive Vice President for Academic Affairs and Provost Jeffrey Hecker requested the study of the economic impact of out-of-state students. “We made a conscious decision to increase the number of nonresident students enrolling at UMaine and President Hunter and I think it's important that we examine the short and long-term impacts of that decision,” he said. “Out-of-state students have an immediate and positive impact on Maine's economy and many of these students will contribute to Maine's future workforce. Attracting and educating the state's workforce of tomorrow is another way in which Maine's public research university serves the state.” Contact: Margaret Nagle, 207.581.3745

Behavior of decorating crabs topic of DMC talk

13 Sep 2016

Molly Jacobs, a visiting researcher from McDaniel College in Maryland, will present a brown bag seminar, “Age-appropriate outfits? Decorating behavior in juvenile and adult decorator crabs,” at noon Thursday, Sept. 15 at the University of Maine Darling Marine Center. Decorator crabs hide from predators by covering themselves with materials from their environment. In young crabs, this behavior development hasn't been studied as much as habitat selection and physical development. The coordination of all three is important for their survival, though, and understanding the behavior helps to illuminate how young crabs interact with other species on the ocean floor, including invasive crabs. The talk will be in Brooke Hall on the lower waterfront DMC campus, 193 Clarks Cove Road, Walpole. Attendees are invited to bring their lunch. Directions and more information is [online](#).

Geddes W. Simpson Lecture to focus on carbon emission regulations, sustainable future

13 Sep 2016

University of Tennessee researcher David L. Greene will speak about the history of carbon emission regulations and creating a sustainable future during the 15th annual Geddes W. Simpson Lecture. Greene, a Senior Fellow of the Howard H. Baker Jr. Center for Public Policy and a research professor in the Department of Civil and Environmental Engineering at UT, will deliver “Creating the sustainable car: History lessons from 40 years of regulating automotive carbon emissions” on Thursday, Sept. 22. The talk will be held from 3:30 to 5 p.m. in the McIntire Room of the Buchanan Alumni House on the UMaine campus. The lecture is free and open to the public, and a reception will follow. Reducing greenhouse gas emissions enough to mitigate the most severe effects of global climate change poses new challenges for public policy. The history of regulating automotive fuel economy presents valuable insights about behavior in real-world markets, the consequences of regulation, and the relationship between ideology and science in public policy. 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.

BookTrib.com interviews Caron about football guide

13 Sep 2016

[BookTrib.com](#) posted a video interview with Sandra Caron and J. Michael Hodgson, authors of “Tackling Football: A Woman’s Guide to Understanding the College Game.” Caron is a University of Maine professor of family relations and human sexuality. Hodgson has more than 30 years of experience with college football, including his role as a player at UMaine and a coach for several colleges, including UMaine, Princeton University and Dartmouth College.

WABI speaks with Rebar for report on drought, low water levels

13 Sep 2016

WABI (Channel 5) interviewed John Rebar, executive director of the University of Maine Cooperative Extension, for a report about how the lack of rain is evident around the state, particularly in Maine’s waterways. A resident who has lived on Hermon Pond for more than 35 years told WABI the water level is the lowest she has ever seen. “Folks should not be hitting the panic button,” Rebar said. “This part of the state is not in an agricultural crisis.” He added water conditions around Maine vary greatly. “In extreme southern Maine, it’s a severe drought this year compared to previous years. In northern Maine, they’ve had more than enough water. Here in central Maine, it is dry but not to the point of drought,” he said. The Maine Drought Task Force recently met for the second time in two months after not meeting for 14 years. And while there are no current water restrictions, officials are asking residents to plan ahead, the report states. “This has been a very dry year, it is not the most dry, it’s not the driest it’s ever been,” Rebar said. “But it is a year to pay attention to what’s going on.”

Science360 features UMaine bee research video

13 Sep 2016

A University of Maine video on bee research being conducted by Frank Drummond, a professor of insect ecology, was featured on [Science360](#). For the past 30 years, Drummond has studied the biology, ecology, disease susceptibility and pesticide exposure of Maine’s 275 native species of bees, as well as the millions of commercial honeybees annually trucked into the state to aid in crop pollination. He has dedicated his career to the bees’ health, conservation and efficiency as pollinators. Sponsored by the National Science Foundation, Science360 is an up-to-date view of breaking science from around the world. The Science360 Video Library immerses visitors in the latest wonders of science, engineering, technology and math. It gathers the latest science videos provided by scientists, colleges and universities, science and engineering centers, the NSF and more.

Maine Art Museum Trail featured in Providence Journal, Boston.com

13 Sep 2016

The [Providence Journal](#) published an article on the Maine Art Museum Trail titled, “Tourism trail highlights Maine’s brush with artistic greatness.” The stunning beauty and dramatic power of the Maine landscape have inspired generations of American artists, according to the article. Visitors can take their own art-filled journey to see the work of these artists and many others by following the trail, which offers more than 73,000 works of art in seven museums from the Ogunquit Museum of American Art to the University of Maine Museum of Art in Bangor, the article states. [Boston.com](#) also included the museum trail in the article, “30 historical places to visit this fall in New England.” “Many of the historical art museums along this trail showcase works of famous artists who took some time to get creative in Maine,” Boston.com reported.

UMaine ranked one of nation’s best universities, Press Herald reports

13 Sep 2016

The [Portland Press Herald](#) published an article on U.S. News & World Report’s recently released annual college rankings. The University of Maine was again listed as one of the “best national universities.” This year the university came in at No. 183, according to the article. UMaine also ranked No. 184 for its undergraduate business program, based on surveys of business school deans and senior faculty, the article states. [Mainebiz](#) also reported on the rankings.

President Hunter, Provost Hecker speak with WLBZ about out-of-state enrollment

13 Sep 2016

University of Maine President Susan J. Hunter and Jeffrey Hecker, UMaine's executive vice president for academic affairs and provost, spoke with [WLBZ](#) (Channel 2) about UMaine's increase in out-of-state enrollment. "For the economic future of the state, we really need a vibrant, younger population to grow into a workforce, and that workforce is going to have to be increasingly educated," President Hunter said. Provost Hecker said new innovative partnerships at UMaine are providing opportunities to bring more students into the state and to build relationships with other campuses to increase the overall enrollment in the University of Maine System. "We know that 15 to 20 percent of the out-of-state students who come here and get a degree stay in Maine for a job, so if we grow that number, it adds to the workforce of the future," President Hunter said. "We see our growing out-of-state population as really a big piece of what we can contribute to Maine and the future. A way to strengthen the state, to strengthen its economic base and to actually add people to our communities that are educated and engaged and want to be here."

New publication focuses on access, use, and ownership of the Maine coast

13 Sep 2016

Access to Maine's beaches and coastal areas can sometimes be a challenge. According to the latest analysis of property ownership data by the Maine Coastal Program, the public owns just 12 percent of Maine's 5,400-mile shoreline. Public rights to the rest of the coast vary considerably, from submerged areas below low tide through the intertidal zone to upland areas. Unlike most other states, Maine and Massachusetts extend most private property rights to the low-tide mark. Conflicts over rights and uses to the coast often end up in the courts, resulting in a series of decisions about who can use which parts of the sea's edge. Understanding coastal property law can be daunting for landowners, beach visitors and municipal officials. A new publication aims to summarize and clarify the issues, and provide guidance to those seeking to resolve coastal access conflicts. "Public Shoreline Access in Maine: A Citizen's Guide to Ocean and Coastal Law" describes Maine law and prominent court cases related to public use and access to the coast, from the 17th-century Colonial Ordinance that reserved the public's right to "fishing, fowling and navigation" in the intertidal zone to the recent decision by the Maine Supreme Judicial Court regarding public use of a private road to access Cedar Beach in Harpswell. This is the third edition of the publication and the first update in more than a decade. "The law, like the coast itself, has periods of stability as well as dynamism," says John Duff, University of Massachusetts-Boston law professor and principal author of the guide. "And over the last few years, Maine has had a variety of public access and ownership conflicts that have been reviewed by Maine Supreme Court. As a result, we decided that it was an appropriate time to revise this guide to provide Mainers and visitors with important updates." "Public Shoreline Access in Maine: A Citizen's Guide to Ocean and Coastal Law" was produced by the Maine Sea Grant College Program at the University of Maine; Maine Department of Agriculture, Conservation and Forestry; and the Wells National Estuarine Research Reserve, with funding from the Maine Outdoor Heritage Fund. Copies are available from Maine Sea Grant, 207.581.1435, kvillarreal@maine.edu; or from the Wells Reserve, 207.646.1555. Contact: Paul Dest, Wells National Estuarine Research Reserve 207.646.1555, ext. 124 or dest@wellsnerr.org; Catherine Schmitt, Maine Sea Grant, 207.944.1587, catherine.schmitt@maine.edu

'Growing Maine' orchard video released for apple season

13 Sep 2016

University of Maine Cooperative Extension has released the latest installment of "Growing Maine," a series of short documentaries highlighting Maine food producers and farm families. The third video tells the story of Patty and Gary Treworgy and their children on their second-generation orchard and family farm. Treworgy Family Orchards in Levant had a rough start after the first planting of apples failed. But with perseverance and by "starting small," the farm grew to be a destination for more than 35,000 visitors each year. The "Growing Maine" video series helps consumers get to know their food sources better, as farmers and producers share their "behind-the-scenes" perspectives on how decisions are made. For those aspiring to farm, the videos are a way to hear directly from farmers and producers about what is most important to them. UMaine Extension helps support and grow the food-based economy statewide, and is the only entity that touches every aspect of the Maine Food System, where policy, research, education, production, processing, commerce, nutrition, and food security and safety are integral and interrelated. Videos in the series can be viewed [online](#). Viewers also have the opportunity to suggest future story ideas for new videos that will be released throughout the year. For more information contact Leslie Forstadt, 207.581.3487, leslie.forstadt@maine.edu.

Cary James: UMaine alumnus and champion for students

13 Sep 2016

University of Maine alumnus Cary James has been teaching chemistry at Bangor High School (BHS) for 17 years, and currently serves as the head of the school's science and technology department. He has received numerous distinguished teaching awards, and his students have been recognized internationally for their academic achievements and innovations in the STEM fields. This fall, he received one of the nation's top honors: a 2015 Presidential Award for Excellence in Mathematics and Science Teaching. James received a master's degree in plant pathology from UMaine and worked for University of Maine Cooperative Extension before beginning his career as a science educator — a career he says began by accident. While working for UMaine Extension, James saw an opportunity at a local high school — a challenging mid-year opening at Piscataquis High School in Guilford, Maine. His supervisor and graduate school mentor Jim Dill, pest management specialist with the UMaine Extension, encouraged James to take the position. “(Dill) said I’d be crazy not to take the job and get the summers off,” says James recounting, “I didn’t ever really get them off. Most (have been) spent working with the students.” And thus began his nearly 30 years as a STEM educator. And all the while, he kept his UMaine roots close. James began his appointment at BHS in 1999 and since has spent countless hours mentoring students in research outside the classroom, on weekends and during the summer. He appreciates the value of research-based science in high school STEM education and has a passion for improving the quality of water for people in developing countries. As a result, he has led high school student research focused on water sanitation, conservation and remediation for many years. His goal has always been to teach his students how to become researchers. In 2012, James pioneered the development of the BHS STEM Academy to make the pursuit of research more accessible to students. STEM Academy, Maine’s first, is a rigorous academic program that exists alongside the normal curriculum and includes apprentice research experiences at University of Maine. The program currently has 70 students enrolled. Throughout their sophomore, junior and senior years, James and UMaine faculty work with academy students and aid in the development of an original research-based capstone project. This year, James’ STEM academy student and mentee, Paige Brown, won the first place INTEL Science Talent Search “Global Good” award for her research on improving water quality. The project was supported in great part by Aria Amirbahman, UMaine professor of civil and environmental engineering. It is billed as the nation’s most prestigious science award for high school students. Many of his students have been recognized for their research. The last 10 Maine state winners of the Stockholm Junior Water Prize have been James’ students with three competing, and placing, at the national level. It’s a record he likes to say is “better than most high school basketball teams.” James believes the STEM Academy at BHS can serve as a model for other high schools in the state. Mohamad Musavi, associate dean of UMaine’s College of Engineering, is principal investigator of the Storm Water Management Research Team (SMART) program and co-directs the project with James. SMART is supported by a \$750,000 grant awarded by the National Science Foundation. The SMART program focuses on creating solutions to environmental problems related to stormwater management at the community level. It aims to draw underrepresented students into the STEM fields through direct participation in research and is hosted at UMaine. This past year — the program’s third — nearly 85 high school students and almost 20 teachers from across Maine, as well as other parts of the country, attended the program and worked with UMaine faculty and engineering students on a variety of hands-on projects. In addition to his work in Maine, James has travelled internationally with UMaine faculty to conferences and research projects around the world. He participated in the international conference on Climate Change and the Future of Water in Abu Dhabi, United Arab Emirates with Shaleen Jain, associate professor of civil and environmental engineering, and Daniel Sandweiss, professor of anthropology and climate studies. During his visit, he spoke about the STEM Academy as a scalable model and met with the teachers and students of a local high school to share his ideas on STEM education. He has also traveled to Peru with Sandweiss to collaborate in ongoing research projects. Sandweiss says he “cannot imagine a more dedicated, effective, energetic, inspiring, innovative and inclusive science teacher, anywhere.” Sandweiss and Jain nominated James for the Presidential Award of Excellence in Mathematics and Science Teaching. James, who lives in Orono, regards the university as a tremendous partner. He attributes much of his success to the hard work of his students and colleagues at BHS and UMaine. Many of them would tell you, however, that he is the true champion for the students. “(James) genuinely cares about providing the best education for his students, inside and outside the classroom and this attentive and enthusiastic attitude is the embodiment of excellence in teaching,” says Musavi. Contact: Water Beckwith, 207.581.3729

For Allen, fossils yield data to understand ocean circulation, climate

13 Sep 2016

Katherine Allen is an ocean historian. But instead of poring through old texts, she studies the chemical composition of tiny ancient fossil shells in Southwest Pacific marine sediment. Allen, a research assistant professor at the University of Maine, says these marine fossils — which have been accumulating on the seafloor for millions of years — provide a rich archive of past seawater properties. The resulting data, she says, could advance understanding of past ocean circulation patterns and the ocean’s role in global climate change, both past and present. “I investigate past ocean conditions to understand how the ocean-climate system works on time scales that extend beyond historical records,” says Allen, who recently received a grant from the National Science Foundation to do just that. “The amount of information we can decipher from these microscopic shells is

truly amazing and with new analytical techniques continually being developed, the potential keeps growing.” Because oceans store, release and transport enormous amounts of heat and carbon, they’re key to climate regulation of the planet, Allen says. And learning about climate events thousands of years ago — including ice ages — provides context for the modern Earth system and allows assessment of longer-term climate dynamics. In the grip of an ice age 20,000 years ago, the planet was later warmed by a series of natural events that ultimately caused the massive ice sheets to melt and the ice age to end. Scientists are still working to understand what drove that global climate shift. While ocean circulation likely played a key role, Allen says knowledge of the ocean’s ice-age properties — including temperature and salinity — is incomplete. Her research project is titled “Collaborative Research: Pacific Ocean stratification since the last ice age: New constraints from benthic foraminifera.” The total award for the three-year project is \$388,200. Throughout the endeavor, Allen will be working with co-investigator, Elisabeth Sikes at Rutgers University. UMaine graduate student Cassandre Stirpe is working with Allen and in summer 2017, undergraduates from both UMaine and Rutgers will assist with lab work. “It’s an exciting field of research and I really enjoy the interdisciplinary nature of the work. To solve these problems we need to delve into geochemistry, physical oceanography and stratigraphy, and we work closely with colleagues at many institutions,” Allen says. “The truth is, Earth knows no academic boundaries, so to answer global questions we need to bring together insights from different disciplines. That’s often where things get exciting.” Contact: Beth Staples, 207.581.3777

Peer relations research expert to lead two presentations Sept. 15–16

14 Sep 2016

Amanda Rose, an internationally recognized expert in peer relations research and a leader in women’s professional development in academia, will be on campus Sept. 15–16 to lead two public presentations. Rose will lead a workshop, “Women’s professional development: A lifespan perspective,” focusing on the strategies to address the professional development challenges faced by women in academia from 3–5 p.m. Sept. 15, in Norman Smith Hall, Room 107, offered by the Department of Psychology in partnership with the NSF ADVANCE Rising Tide Center. She also will speak on “Co-rumination in the friendships of boys and girls” from 3–5 p.m. Sept. 16, in 100 D.P. Corbett Business Building, as part of the Department of Psychology Research Colloquium Series. Rose is a professor of psychological sciences at the University of Missouri, whose research focuses on peer relationships and the ways in which social experiences impact developmental and emotional outcomes. She is best known for developing the construct of co-rumination and for her work on co-rumination and gender differences in the peer experiences of children and adolescents.

Department of Art accepting applications for after-school program

14 Sep 2016

The University of Maine Department of Art is accepting applications for the after-school ArtWorks! Program. As it has for more than 30 years, UMaine’s Art Education Program will offer 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 artworks. The classes are organized by grade level and are taught by art education students who are preparing to become art teachers. The program is supervised by Constant Albertson, a UMaine art professor. The fall ArtWorks! session will run five consecutive weeks from 3:30–5 p.m. Fridays in Lord Hall on the UMaine campus. The session begins Oct. 14 and continues through Nov. 11. The first four meetings will be classroom days, and the last meeting will be an exhibition. The Nov. 11 reception will be held to view the work of participants and hear presentations from the art education students leading the program. A \$25 fee covers the cost of materials, and a limited number of scholarships are available. The program is offered on a first-come, first-served basis. Applications are due Oct. 2. For more information or an application, contact Albertson at 581.3251, constant.albertson@umit.maine.edu; or the Department of Art at 581.3245. Lord Hall is wheelchair accessible.

Free screening of ‘Finding Dory’ Sept. 16 on Morse Field

14 Sep 2016

University of Maine Athletics will host a free screening of “Finding Dory” at 7 p.m. Friday, Sept. 16 on Morse Field at Alfond Stadium. Members of the public are encouraged to bring blankets or chairs to watch the film on the high-definition video scoreboard. Before the movie, fans are encouraged to cheer on UMaine’s nationally ranked field hockey team at 4 p.m. as they take on Bryant University at the UMaine Field Hockey Complex. More information is available by calling 581.1760.

Hundreds of alumni returning for class reunions Sept. 14–17

14 Sep 2016

Nearly 300 University of Maine alumni and guests from the graduating classes of 1951, 1956, 1966 and 1971 will return to Orono Sept. 14–17 for class reunions. The Class of 1966 also will mark the 50th anniversary of its Commencement. Many members of the class have memories from their sophomore year of learning about the assassination of President John F. Kennedy, which occurred about a month after his October 1963 speech at UMaine. In addition, many members of Senior Alumni, UMaine graduates who attended 50th reunions in previous years, also will take part in events. Attendees will gather to reconnect, revisit memorable landmarks, and tour the new additions and changes to campus that have occurred since their days as students. The individual classes will hold meetings and memorial services, honor recipients of alumni awards, attend a dinner and reception with UMaine President Susan J. Hunter, and meet with current students and faculty members. Other UMaine graduating classes will return to campus Oct. 14–16 for Homecoming 2016. Programs and receptions will be held to celebrate the reunions of classes between 1976 and 2011 whose graduation year ends in a one or six. Homecoming and class reunions are organized by the University of Maine Alumni Association. A full news release is on the UMaine Alumni Association [website](#).

Republican Journal advances Schmitt's Stockton Springs talk

14 Sep 2016

[The Republican Journal](#) reported Catherine Schmitt, communications director for Maine Sea Grant College Program at the University of Maine, will read from and sign one of her recent books at 6:30 p.m. Wednesday, Sept. 21 at Stockton Springs Community Library. Schmitt will discuss her 2015 Down East book, "The President's Salmon: Restoring the King of Fish and its Home Waters." The program is free and open to the public; light refreshments will be served.

Sun Journal cites UMaine Extension publication in response to reader's question

14 Sep 2016

The University of Maine Cooperative Extension was cited in an answer to a Sun Journal reader's question about an abundance of white moths found on asparagus plants. There are many white moths in the Northeast, according to the article, including the satin moth, which is damaging to forestlands because their larvae feast on poplars and willows. The article states the moths in question also could be an imported cabbageworm, which is actually a butterfly. As small, green caterpillars before they morph into butterflies, they eat cabbages, cauliflower, broccoli, Brussels sprouts, turnips, radishes, kale, lettuce and weeds of the mustard family, according to a UMaine Extension publication.

WABI advances free screening of 'Finding Dory' on Morse Field

14 Sep 2016

WABI (Channel 5) reported University of Maine Athletics will host a free screening of "Finding Dory" at 7 p.m. Friday, Sept. 16 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. More information is available by calling 581.1760.

UMaine Center on Aging, students help create directory for older adults, BDN reports

14 Sep 2016

The [Bangor Daily News](#) reported on the recent release of "Senior Yellow Pages: Local and State Services for Seniors in Greater Bangor," a free 220-page resource for Bangor-area individuals and families, community groups and public facilities. The resource for finding support services for area Mainers aging at home was developed by Gateway Seniors Without Walls, an Orono-based nonprofit affiliated with the University of Maine Center on Aging, according to the article. Funded in part by the Bangor-based Eastern Area Agency on Aging with additional support from the former Hammond Street Senior Center and other sponsors, the compiled businesses and service providers are all based in Bangor and 15 communities in the surrounding area, the article states. According to Gateway Seniors member Ann Davidoff, it took nearly three years to complete the project, and the combined efforts of Gateway Senior volunteers, the UMaine Center on Aging and various student groups from UMaine, who earned academic credit for their involvement. [WVII](#) (Channel 7) also reported on the directory.

Media advance DMC talk on behavior of decorating crabs

14 Sep 2016

[Boothbay Register](#), [The Free Press](#) and [Lincoln County News](#) reported Molly Jacobs, a visiting researcher from McDaniel College in Maryland, will present a brown bag seminar on decorator crabs at noon Thursday, Sept. 15 at the University of Maine Darling Marine Center in Walpole. Jacobs' talk is titled "Age-appropriate outfits? Decorating behavior in juvenile and adult decorator crabs." Decorator crabs hide from predators by covering themselves with materials from their environment. In young crabs, this behavior development hasn't been studied as much as habitat selection and physical development. The coordination of all three is important for their survival, though, and understanding the behavior helps to illuminate how young crabs interact with other species on the ocean floor, including invasive crabs. "My current work focuses on the behavioral ecology of crabs, with a particular focus on the period immediately before and after metamorphosis," Jacobs was quoted in [Boothbay Register](#). "Baby crabs are totally fun to work with, and the work is also important because it can help us understand what happens during the early juvenile period."

UMaine receives \$300,000 NSF grant for project to promote STEM, media report

14 Sep 2016

[Mainebiz](#) and WABI (Channel 5) reported the University of Maine is one of 37 institutions nationwide to receive first-ever awards for the National Science Foundation's INCLUDES program, a comprehensive initiative to enhance U.S. leadership in science and engineering by broadening participation in the fields of science, technology, engineering and mathematics (STEM). UMaine will receive \$300,000 for a two-year pilot project that builds on its successful Stormwater Management Research Team (SMART) program based in the College of Engineering that has created a diverse STEM pathway with community water research. The SMART program is a hands-on, project-based education initiative to engage high school girls and minority students in engineering and sciences. "Participation of these groups in STEM isn't proportional to the numbers across Maine and the United States," Mohamad Musavi, principal investigator on the project and associate dean at UMaine's College of Engineering, told [Mainebiz](#). He added that only about 18 percent of females in the nation and 15 percent of females in Maine participate in engineering. The pilot projects were selected for their potential to deliver prototypes for bold, new models that broaden participation in STEM, according to an [NSF news release](#). Near the end of the two-year pilot project, UMaine will be eligible to become one of the five initiatives selected for up to \$12.5 million each in funding. "This [INCLUDES grant] is the beginning of the road for us," Musavi told [Mainebiz](#). "They've given the opportunity for 37 institutions to prove their program is valuable to scale up nationally." U.S. Sens. [Susan Collins](#) and [Angus King](#) also released a joint press release on the grant.

Maine State Library selected for national program, UMaine community members to serve on board

15 Sep 2016

The Maine State Library is one of four institutions nationwide selected to receive National Endowment for the Humanities funding to join the National Digital Newspaper Program (NDNP). NDNP is a partnership between NEH, the Library of Congress and state partners, focused on the digitization of newspapers representing historical, cultural and geographic diversity, according to a [news release](#) on the project. Two members of the University of Maine community will serve on the advisory board of the Maine State Library's project: Josh Roiland, assistant professor and CLAS-Honors preceptor of journalism in the Department of Communication and Journalism and the Honors College; and Richard Hollinger, head of Special Collections in Fogler Library.

UMaine Museum of Art Philip Frey exhibit to open Sept. 23

15 Sep 2016

The University of Maine Museum of Art in downtown Bangor will open "Philip Frey: Parallels" on Sept. 23. "Parallels" features a new assortment of oil paintings by Maine artist Philip Frey. The artist, most known for his expressive images of the Maine landscape, provides varied glimpses of other subjects and approaches in this exhibition including cityscapes, portraits and abstract compositions. Frey says these works address "a need to explore, discover and stretch my limits as a painter" and that "by design, the explorations in one series influence the other and vice versa." While the new abstract works allow Frey to investigate a more intuitive and improvisational process, the paintings exhibit color relationships and sensitive brushstrokes

that are often seen in his representational works. The exhibit will run through Dec. 31. Free admission to the museum in 2016 is made possible by Deighan Wealth Advisors. Also opening Sept. 23 is “Contemporary Currents: Nine New Brunswick Artists.” The exhibit highlights a diversity of creative approaches and genres — from representational to conceptual — by artists from throughout New Brunswick.

College of Education and Human Development welcomes new dean

15 Sep 2016

Timothy Reagan was named dean of the University of Maine College of Education and Human Development in March, and started at Shibles Hall in late June. Reagan recently returned to the United States, having served for three and a half years as founding dean of the Graduate School of Education at Nazarbayev University in Astana, Kazakhstan. He has held a variety of senior faculty and administrative positions at institutions in the U.S. and South Africa, including Gallaudet University, University of Connecticut, Roger Williams University, Central Connecticut State University and University of the Witwatersrand. He holds a Ph.D. and master’s degree in educational policy studies from the University of Illinois at Urbana-Champaign. A few weeks into his first academic year in Orono, Reagan answered some questions about his background and goals for the college moving forward. His profile is on the College of Education and Human Development [website](#).

Collins Center for the Arts to host Maine-Wabanaki REACH event Sept. 19

15 Sep 2016

The shared history of Maine and Wabanaki people will be the focus of a Maine-Wabanaki REACH event Monday, Sept. 19 at the Collins Center for the Arts at the University of Maine. “Truth, Healing and Change in the Land of the Dawn” will be held 6–8 p.m. in the Bodwell Lounge. The discussion will touch on two key events of 2015: the findings and recommendations of the Maine Wabanaki-State Child Welfare Truth and Reconciliation Commission (TRC), and the Penobscot Nation v. Mills case. Maine-Wabanaki REACH is a cross-cultural collaborative that advances Wabanaki self-determination by strengthening the cultural, spiritual and physical well-being of Native people in Maine. The work is focused in three areas: Wabanaki health, wellness and self-determination; ally building in Maine communities; and strengthening systems and organizations. Wabanaki people include the Passamaquoddy, Penobscot, Maliseet and Micmac and have experienced the taking of their land, lives, children, language and spiritual practices. The TRC spent two years collecting stories and data about the experience of Wabanaki children and families in the child welfare system in an effort to support the healing process by documenting the truth. Barbara Kates of Maine-Wabanaki REACH will lead the talk. Kates worked alongside the state child welfare system for more than 25 years, and her work with the TRC was primarily to encourage other child welfare professionals to provide statements to the commission. Currently, she is a community organizer helping to educate Mainers about the shared history and current relationship with Wabanaki people. The event is free and open to the public. Co-sponsors include the UMaine Division of Lifelong Learning, Diversity Leadership Institute, College of Liberal Arts and Sciences, Honors College and Cooperative Extension.

UMaine cited in Press Herald article on new food studies program at USM

15 Sep 2016

The University of Maine was mentioned in a [Portland Press Herald](#) article about a new food studies program launching at the University of Southern Maine in Portland next spring. The program aims to provide a broad, liberal arts-style education in food and offer at least 30 paid internships a year to students who want to try working in food-related businesses or antihunger organizations in Maine, according to the article. In preparing its proposal for a food studies program, USM examined the structure and curriculum of more than 20 food studies programs around the country, and reviewed programs and coursework in Maine to be sure there would be no duplication. As a result, food studies students will learn business skills from USM business professors and will take nutrition classes through UMaine in Orono, the article states.

Lincoln County News advances Lunch and Learn program featuring Leslie

15 Sep 2016

[The Lincoln County News](#) reported Spectrum Generations Coastal Community Center in Damariscotta will host its weekly Lunch and Learn program at 11:15 a.m. Wednesday, Sept. 21. Following the lunch, Heather Leslie, director of the University of Maine’s Darling Marine Center in Walpole, will discuss the effects that having a state-of-the-art marine research center on

the Damariscotta River has on the community and surrounding marine life, according to the article.

Media cover Green Party presidential candidate's UMaine visit

15 Sep 2016

[Bangor Daily News](#), [WABI](#) (Channel 5), [WLBZ](#) (Channel 2) and [WVII](#) (Channel 7) reported on Green Party presidential candidate Jill Stein's visit to the University of Maine. Stein visited the UMaine campus in Orono, as well as the University of Southern Maine in Portland, as part of a New England college campus tour. About 50 people filled a lecture room in the D.P. Corbett Business Building to hear Stein outline her platform and answer questions, according to the BDN.

Sandweiss comments on oldest indigo-dyed fabric in Science News article

15 Sep 2016

UMaine archaeologist Daniel Sandweiss, professor of anthropology and climate change, was quoted in a [Science News](#) article describing the discovery of the oldest indigo-dyed fabric at the site of Huaca Prieta on Peru's northern coast. The discovery of 6,000-year-old faded blue fabric places the first use of indigo dye in Peru nearly 1,600 years before the previous earliest evidence — in Egypt about 4,400 years ago. Sandweiss said the discovery is among other cultural "firsts" that have been unearthed at Huaca Prieta. The site also has offered the earliest evidence for corn farming in the Americas. "This shows the value of multidisciplinary, long-term research at a single site by a large, well-funded team," Sandweiss said.

Workshops to focus on how to safely 'cook for crowds'

16 Sep 2016

Volunteer cooks will have three opportunities in October to learn about safely preparing food for large numbers of people. University of Maine Cooperative Extension in Cumberland County will present the Cooking for Crowds — Food Safety Training for Volunteer Cooks workshop from 9 a.m. to noon Oct. 6, Oct. 12 and Oct. 25 at UMaine Regional Learning Center, 75 Clearwater Drive, Suite 104, Falmouth. The workshop offers up-to-date information about safely preparing, handling, transporting, serving and storing food at soup kitchens, church suppers, food pantries and community fundraisers. Participants will receive a Cooking for Crowds manual, certificate of attendance, posters and an instant-read thermometer. The class meets the Good Shepherd Food Bank food safety training requirements. The \$15 per-person fee includes materials; limited financial assistance is available. 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.

Fogler to host discussion on intellectual property basics

16 Sep 2016

Representatives from the United States Patent and Trademark Office will be on hand Sept. 26 at Fogler Library for a discussion about what inventors, entrepreneurs, small businesses and startups should know about intellectual property. Members of the University of Maine community are welcome to attend the 3 p.m. event in the University Club. Topics to be discussed include patents, trademarks, copyrights and trade secrets.

Harvard Medical School professor, MGH director to deliver diversity lecture

16 Sep 2016

A psychiatry professor from Harvard Medical School will deliver the 2016 Stanley Sue Distinguished Diversity Lecture on Sept. 23 at the University of Maine. Nhi-Ha Trinh will present "Moving beyond cultural competence: Cultural complexities in clinical research, education and practice" from 3–4 p.m. in D.P. Corbett Business Building, Room 107. The lecture is free and open to the public. Light refreshments will be provided. The Stanley Sue Distinguished Diversity Lecture Series, an annual event sponsored by UMaine's Diversity Committee of the Clinical Psychology Doctoral Program, features speakers who work with diverse populations. Trinh serves as the director of the Massachusetts General Hospital Department of Psychiatry Center for Diversity. In the MGH Depression Clinical and Research Program, she serves as both the director of multicultural studies and clinical services. Trinh's academic work focuses on disparities in depression care for ethnic and racial minorities, issues of cultural competency in mental health, social determinants of mental health, and cultural issues in geriatric psychiatry. The

lecture series has been held annually since 2008. The series honors Sue, a pioneer in the field of diversity as it pertains to clinical psychology. More information is online.

Kersbergen cited in Kennebec Journal article on central Maine apple crop

16 Sep 2016

Richard Kersbergen, a University of Maine Cooperative Extension professor of sustainable dairy and forage systems, was quoted in the [Kennebec Journal](#) article, “Central Maine apple farmers not seeing much impact from the drought.” Three apple farmers in central Maine said their apple trees are old enough that their established deep roots get plenty moisture without relying on rainfall. The state’s hay crop, however, has been severely affected by the drought, according to the article. Because of good weather, the first hay crop was great, Kersbergen said. “But in certain parts of the state, the second and third crop of hay is either substantially reduced or nonexistent,” he told the [KJ](#) in late August. “This is one of the drier years I’ve ever seen.”

PoliZette quotes Brewer in report on importance of Maine votes in presidential race

16 Sep 2016

[PoliZette](#) spoke with Mark Brewer, a political science professor at the University of Maine, for an article about the importance of Maine votes in the 2016 presidential race. With polls tightening across the country, the race could be decided by a single congressional district in Maine, under several unlikely but still-plausible scenarios, according to the article. Maine is one of two states that splits its votes in the Electoral College; the statewide winner gets two, and one vote goes to the winner of each congressional district. Two recent polls show Republican Donald Trump trailing statewide but winning the 2nd Congressional District. In an extremely close election, the electoral vote awarded by that district could put Trump over the top, the article states. “It could matter,” Brewer said. “It absolutely could matter.” He added a Trump victory in the district seems likely. “There is a strong possibility at this point. This isn’t necessarily a new, Trump-only phenomenon,” Brewer said. “It’s not out of the question that any Republican could win. I think Trump, maybe, has a better chance than other Republican nominees, given his appeal to white, rural voters. And that district has a lot of them.”

Steneck among speakers to challenge Sweden’s lobster ban effort, Press Herald reports

16 Sep 2016

The [Portland Press Herald](#) reported Maine politicians, scientists and lobster industry representatives will speak out against Sweden’s bid to deem the American lobster as an invasive species, which would end a \$150 million export market to the European Union. Robert Steneck, a marine biologist at the University of Maine’s School of Marine Sciences, is among the group that is scheduled to speak at a news conference Friday, Sept. 16 at Ready Seafood in Portland, according to the article. Earlier this month, the EU’s Scientific Forum on Invasive Alien Species decided that Sweden’s proposal to label the American lobster as an invasive species warranted additional review. American and Canadian scientists, including Steneck, had hoped to squelch the proposal with science, the article states.

Collins Center’s ‘Flames of Inspiration’ sculpture featured in BDN

16 Sep 2016

The [Bangor Daily News](#) published a feature article on the restoration and reinstallation of the “Flame of Inspiration” sculpture. The 21-foot-tall bronze chandelier, weighing more than a ton, was on display at the Collins Center for the Arts for about two decades, including when Yo-Yo Ma and Isaac Stern performed at the grand opening in September 1986. But during extensive renovations to the center between 2007 and 2009, the chandelier was removed and placed into storage. Castine sculptor and former University of Maine art professor Clark Fitz-Gerald was commissioned to create the piece with a \$50,000 gift from the UMaine Class of 1942, according to the article. Metal sculptor and artist Stephen Fitz-Gerald, the late artist’s son, has been restoring the piece at his father’s former studio in Castine. Critical to the restoration project was the early interest and support of UMaine President Susan J. Hunter, said Danny Williams, executive director of the CCA. “As a class gift, she said it was essential to honor it as best we can,” he said, adding President Hunter authorized initial university funding to bring the piece out of storage. On Sept. 17, during the opening night gala of the CCA’s 2016–2017 performance season, “The Flames of Inspiration” will be raised to its new position, with speeches and a dedication, the article states.

Media report on new economic impact study of Maine’s logging industry

16 Sep 2016

[Mainebiz](#), WABI (Channel 5) and [WVII](#) (Channel 7) reported on a new study released by the Professional Logging Contractors of Maine that shows Maine's logging industry contributed an estimated \$882 million to the state's economy in 2014. The study, conducted with the University of Maine and Farm Credit East, revealed logging supported more than 7,300 jobs that year, including more than 4,600 direct logging jobs and additional jobs in industries including trucking, according to Mainebiz. Mindy Crandall, an assistant professor of forest management and economics at UMaine who worked on the report, spoke with WABI about the industry. "I think we might be adapting to some different markets and conditions that are pretty challenging right now," Crandall said. "But we're always going to have a need for people to take care of our forests and that's the loggers and the foresters." She added the key is to support local logging companies, and help them ride out the challenges while the markets recover. The [Bangor Daily News](#) also cited the study.

New Maine Forest Spatial Tool to aid understanding of state's forest resources

16 Sep 2016

A new interactive, online tool that allows high-resolution exploration and display of spatial data sets of Maine woodlands will help provide more information about the state's forest resources to stakeholders — from landowners to researchers and policymakers. The Maine Forest Spatial Tool, developed by the University of Maine Center for Research on Sustainable Forests, provides quick, easy viewing of a wide variety of spatial data about Maine forests, including past and current cover type, current and projected habitat for key species, and potential site productivity. Mill locations, projected future climate and roads are also provided. Spatial layers will be added as the tool matures and is more widely used. New forest-related spatial data will also be added. The tool serves as a platform for researchers and others who manage spatial data to make their information more publicly available. The Maine Forest Spatial Tool links to Google Maps, and provides simultaneous viewing of multiple maps, and dynamic map syncing so users can navigate layers. Additional features including output figure generation and mobile device compatibility are under development. Design of the Maine Forest Spatial Tool was led by Parinaz Rahimzadeh-Bajgiran and Robert Wagner of the UMaine School of Forest Resources, and Chris Wilson of UMaine's Advanced Computing Group. For more information on the Maine Forest Spatial Tool, contact the University of Maine Center for Research on Sustainable Forests, crsf@maine.edu. Contact: Aaron Weiskittel; 207.581.2857; aaron.weiskittel@maine.edu

S.W. Cole Explorations geotechnical boring demonstration Sept. 20

19 Sep 2016

S.W. Cole Explorations LLC will host a demonstration of geotechnical drilling from 8 a.m. to 12:15 p.m. Tuesday, Sept. 20 between Belgrade Spur and Belgrade Lot. S.W. Cole Explorations LLC is a test boring subsidiary of S.W. Cole Engineering Inc., which provides geotechnical engineering, geoenvironmental consulting, and materials testing services in Maine, New Hampshire, Vermont and beyond. Students enrolled in CIE 413 Project Management, CIE 455 Hydrology and CIE 460 Geotechnical Engineering will be in attendance. Other students in the Civil and Environmental Engineering or Construction Engineering Technology programs also may attend. Those interested in attending should RSVP to Melissa Landon at melissa.landon@maine.edu or 581.2891. Closed-toed shoes and hard hats are required to be worn on-site. Students with their own hard hats are encouraged to bring them, as the CIE department has a limited number of hard hats available. Hats can be signed out at 7:30 a.m. Tuesday at Boardman Hall, Room 20.

Mason to participate in CDC roundtable on newborn screenings

19 Sep 2016

A University of Maine professor of education will participate in a roundtable on screening newborns for hearing loss and congenital heart disease, hosted by the Centers for Disease Control and Prevention, on Tuesday, Sept. 20. Craig Mason, who specializes in applied quantitative methods, will be one of four experts speaking on, "Beyond the Blood Spot: Newborn Screening for Hearing Loss and Critical Congenital Heart Disease," from 1–2 p.m. at the CDC's Roybal Campus in Atlanta. The event is part of the CDC's Public Health Grand Rounds series and will be streamed and archived on the [CDC website](#). Newborn screenings began in the United States in the 1960s to test for medical conditions that may not be apparent just by looking at a baby. Finding these conditions soon after birth can help prevent certain serious problems, such as brain or organ damage, and even death. The traditional method of newborn screening is blood spot testing, where blood is sent to a lab to be

screened for conditions. More recently, health officials have developed point-of-care screening methods to test for hearing loss and critical congenital heart defects, conditions that are not identifiable through blood tests. Mason will give a presentation on Early Hearing Detection and Intervention (EHDI), a national program that involves screening newborns for hearing loss no later than one month of age. Those who do not pass the initial screening receive a formal audiological diagnosis by 3 months, and those diagnosed with hearing loss receive early intervention no later than 6 months. “A lot of the focus — particularly for CDC — is on not just identifying at-risk children via screening, but then making certain they go on for diagnosis and services,” Mason says. “This requires monitoring children through diagnosis, early intervention, and now increasingly into longer-term follow-up in order to assess outcomes on children.” Maine has had a statewide EHDI program for 15 years. Mason and Shihfen Tu, associate professor of education and applied quantitative methods, are part of a UMaine team that built, maintains and operates the Maine EHDI data system. In addition, the team helped develop EHDI-PALS, a nationwide website that helps parents find the nearest providers with equipment and audiologists trained to meet the specific needs of their child. The UMaine team also tracks the long-term outcomes of early intervention. “We have been able to examine third grade proficiency levels for children with hearing loss, and found that those identified early through EHDI were significantly more likely to meet third grade math standards, versus children with hearing loss not identified through EHDI,” Mason says.

UMaine Extension bulletin on lawn care cited in Press Herald ‘Maine Gardener’ column

19 Sep 2016

A University of Maine Cooperative Extension publication on low-input lawn care was mentioned in the latest column in the [Portland Press Herald](#) “Maine Gardener” series. In the article, “Summer may be over, but your lawn care isn’t,” the author cites the UMaine Extension [bulletin](#), “Steps to a low-input, healthy lawn.” According to the publication, a way to improve a lawn where the soil is poor is to spread up to half an inch of compost or a soil-compost mix over the entire lawn, the author writes.

WABI covers free moving screening on Morse Field

19 Sep 2016

WABI (Channel 5) reported on a free screening of “Finding Dory” on Morse Field at Alford Stadium. Members of the public were invited to watch the film on the high-definition video scoreboard as part of a free event hosted by University of Maine Athletics. “We’re excited to provide an opportunity for the community to come to Alford Stadium and see what we have to offer the week before our first home game,” said John Diamond, UMaine’s assistant athletic director. “We hope to see a few of them back all year long, and a lot of the kids are getting really excited about the posters and cards that they’re really enjoying being on campus and here at the football stadium.” The UMaine football home opener is Saturday, Sept. 24 against James Madison, WABI reported.

UMaine Extension 4-H takes part in ‘parade to end hunger,’ Morning Sentinel reports

19 Sep 2016

The [Morning Sentinel](#) reported members of the Maine Farm Bureau drove tractors and trailers full of fresh produce from central Maine farms Saturday as part of its first parade to alleviate hunger. Even after a summer fraught with drought, eight farms joined the parade to donate produce, according to the article. Bureau members rode from the Maine State House to the Augusta Food Bank with boxes full of vegetables and fruit. University of Maine Cooperative Extension 4-H Youth Development members walked along with the parade to collect canned goods, which people were encouraged to bring to the event as donations, the article states.

Former UMaine athlete remembered in BDN article

19 Sep 2016

The [Bangor Daily News](#) reported on the recent passing of former University of Maine swimmer Nicole Langlois after a battle with breast cancer. The native of Washington, D.C., who graduated from UMaine in 2013, was 26, according to the article. “We are very saddened to hear about Nicole’s passing,” said Susan Emily Lizzotte, head swim coach at UMaine. “She had endless courage during her fight with breast cancer and never let it slow her down. Nicole will be remembered for her contagious smile, her love of country music and her endless energy and spunk. Her story has touched the UMaine swimming and diving family and she will continue to inspire, motivate and drive the team for years to come.”

WABI interviews Laatsch about ozone layer preservation

19 Sep 2016

Shawn Laatsch, director of the Emera Astronomy Center and Maynard F. Jordan Planetarium at the University of Maine, spoke with [WABI](#) (Channel 5) on Sept. 16, the International Day for the Preservation of the Ozone Layer, which was established in 1994 by the United Nations. He spoke about how satellites monitoring the Earth's ozone discovered a large, growing hole at the South Pole in the 1980s. "For quite some time in Australia when kids went outside they had to wear full coverings even in summer because there is so much ultraviolet radiation coming through they were at increased risk of skin cancer and skin cancer numbers went up," Laatsch said. Governments banded together to find what was causing the problem, according to the report. Elements called chlorofluorocarbons or CFCs, which are used in aerosols or refrigerants, were found to be harming the ozone, he said. The reduction of CFCs over time have led to improvements, according to the report. "We started to see a small hole starting at the North Pole as well and again, that's pretty much closed up at this point, and the one at the Southern hemisphere has been healing at least as of this last year," he said.

Brewer speaks at UMA election forum, media report

19 Sep 2016

[Kennebec Journal](#) and WLBZ (Channel 2) covered the "Elections 2016 — Significance for Maine's People" forum at the University of Maine at Augusta. Mark Brewer, a political science professor at the University of Maine, and Sandy Maisel, a government professor at Colby College and former Congressional candidate, spoke to more than 100 people at the event about the implications of the presidential election for Maine. Brewer said he always implores his students to read both major party platforms before coming to a conclusion on who to vote for on Election Day, the KJ reported. "It tells you what the party stands for and what they'll do if their candidate wins on Election Day and assumes governmental power," he said.

Scientists, lawmakers, lobster industry experts challenge Sweden's proposed ban, media report

19 Sep 2016

The Associated Press, [Portland Press Herald](#), Maine Public Broadcasting Network, [NECN](#) and WLBZ (Channel 2) covered a news conference held at Ready Seafood in Portland to address Sweden's proposed American lobster ban. Maine politicians, scientists and lobster industry representatives spoke out against the proposal to deem the American lobster as an invasive species, which would end a \$150 million export market to the European Union, according to the reports. Robert Steneck, a marine biologist at the University of Maine's School of Marine Sciences, said concerns over the possibility of American lobster emerging as an invasive species in European waters are overblown, because there isn't evidence that American lobsters can reproduce and thrive in Europe, the AP reported. "The best available science says this does not meet the measure of an invasive species," he said. Steneck, who has spent the last three decades studying lobsters, also was quoted in the Press Herald saying no one has been able to create self-sustaining American lobster fisheries outside of the eastern coast of the United States and Canada, even after spending millions to do so. "There's nothing to suggest an invasion, nothing at all," he said. "People have tried to replicate what we have here and can't. It isn't going to happen by accident. And if it was, it would have already happened, years ago." ABC News carried the AP report.

BDN interviews Trostel about trade pact's potential economic impact on Maine

19 Sep 2016

The [Bangor Daily News](#) reported the Trans-Pacific Partnership, a proposed trade pact between the U.S. and 11 Pacific Rim nations that would create the world's largest free-trade zone, would have a small but mostly beneficial impact on Maine. According to a draft analysis from the Margaret Chase Smith Policy Center at the University of Maine, the state stands to see modest gains from increased trade around the Pacific Rim by 2032, the article states. "The effects on Maine and the United States are going to be relatively small. There will be some losses hastened by the TPP ... but those losses will be very heavily concentrated," said Philip Trostel, an economics professor at UMaine and one of the study's lead authors. Under the trade pact, which will cover 40 percent of the global economy, Mainers will see slight income gains, allowing them to buy more while boosting exports of valuable Maine products, especially lobster, the BDN reported. "Most Maine employers aren't going to be affected by the TPP, although some firms will see increased trade opportunities and expand," Trostel said. Foreign trade contributed to only 27 percent of mass layoffs in Maine between 1996 and 2012, the analysis found. While imports contributed

to job losses in Maine, other factors such as technological advances likely played a bigger role, and those are changes that would have happened even without free trade, according to Trostel. “What international trade does is speeds up the process of job creation and destruction. But these changes are going to happen whether or not the TPP gets passed,” he said. “It’s not a matter of if, it’s a matter of when.”

Olivia Conrad: An internship scoop at Gelato Fiasco

19 Sep 2016

This summer, Olivia Conrad, a fourth-year student from Yarmouth, Maine, majoring in food science and human nutrition, landed a sweet internship at one of Maine’s premier gelato companies. Conrad was the food safety intern at the Gelato Fiasco Flavor Foundry in Brunswick, Maine, where pints are produced, packed and shipped nationwide. She assisted the company in developing documentation for food inspectors and food quality/safety auditors. Conrad also helped the company prepare for the implementation of the Food Safety and Modernization Act (FSMA), which all food producers must be in compliance with over the next few years. Not all of Conrad’s days were in the office. In the kitchen, she assisted with product packaging, learning about the machinery and equipment used to run a growing food production operation. She also helped with employee training on best practices in hygiene and food safety. Gelato Fiasco prides itself in embracing its Maine heritage. It uses locally sourced whole milk from Maine farms, as well as some of the state’s iconic seasonal ingredients, including blueberries, strawberries and maple syrup. Other flavors, like Maine Potato Donut and Red Flannel Whoopie Pie, are inspired by the state’s culture and identity. Interning for a growing Maine company elevated Conrad’s own sense of pride for her home state and its small business market. “It was fun for me to work for a company that originated in Maine and continues to grow and succeed in the business world — even outside of Maine,” says Conrad. Jason Bolton, associate Extension professor and food safety specialist for University of Maine Cooperative Extension, helped line up Conrad’s internship. He works closely with food and beverage companies in Maine’s 16 counties, focusing on food safety, quality and facility design. When he noticed most UMaine food science students completing their internships out of state, Bolton developed a program to help place students at internships in Maine companies. “Interns are very beneficial to the smaller, fast-growing food businesses of Maine,” says Bolton. “Our students are gaining lots of important skills and they are doing it in Maine.” The goal is for these internships to lead to employment opportunities in Maine, says Bolton, who has worked with Gelato Fiasco on its recent expansion design as well as with food safety protocols. UMaine students offer an invaluable set of services and skills to the food businesses of Maine who may not have the resources available to acquire them through other means, Bolton said. Conrad regards her internship as a rewarding and valuable experience. She credits it with helping her develop self-confidence in the workplace, as well as in her chosen career path. She gained detailed knowledge about running a food production facility and honed professional skills working with a diverse team of employees. Conrad was even able to sample the flavors from time to time. Her favorite: Maine Wild Blueberry Crisp. In the end, however, she says it was the people, not the product, that kept her excited about the job. “Everyone was incredibly welcoming and helpful, and I always looked forward coming into work. I could not have asked for a better group of people and a better atmosphere in which to grow and learn,” says Conrad. Back at UMaine, when she isn’t in class, Conrad can often be found at the New Balance Student Recreation Center or, in winter, skiing on the trails in the DeMeritt Forest. Conrad is expecting to graduate in December 2018. **Why UMaine?** I completed my first year of college at St. Lawrence University in Canton, New York. Aside from being a long way from home, St. Lawrence is a very small school, and I decided that I wanted a larger campus and a larger student body. Additionally, UMaine offers food science as an undergraduate major, which was definitely alluring for me. There are a number of interesting and exciting majors offered at UMaine for undergraduates, and I like that I don’t have to go far from home to study what I want. **How has UMaine shaped your academic interests?** The food science program at UMaine has shaped my academic interests drastically. The small size has allowed me to have a personal relationship with all of my professors. My professors all inspire me, and make me excited about the major I have chosen because I see their passion and excitement for what they teach, as well as for their research. **How would you define the opportunities for student success at UMaine? Is there any particular initiative, program or set of resources that helped you succeed?** While there are certainly a variety of opportunities for students at UMaine, I believe that it is the student’s responsibility to be proactive about finding these opportunities, and determining which ones are most beneficial to them. I utilized the Career Center to get help enhancing my resume, and I was fortunate enough to participate in research with a professor. I think that opportunities are always around us, but they show themselves when we have the motivation to go find them. At UMaine, there are plenty of areas to get involved, and there are no shortages of chances for new students to participate if they are interested. **Have you worked closely with a professor or mentor who made your UMaine experience better?** I have a personal relationship with all of my food science professors. Each and every one of them has inspired me in their own way. All of my professors have a clear passion and excitement for science, research, teaching and, of course, food. I am so fortunate to have had mentors and teachers that are enthusiastic about food science; their enthusiasm makes me excited to one day be part of the food industry. **What are your plans for your time following UMaine?** After UMaine, I plan to attend graduate school in order to receive a master’s in food science. I have a keen interest

in microbiology and fermentation science. I am also very passionate about proper nutrition, and I hope to work in the food industry to bring nutritious, wholesome and affordable food to consumers. **What advice do you have for incoming students to help them get off to the best start academically?** I think one of the best things students can do to find opportunities (and find the thing that they are passionate about) would be to go after whatever they are most excited about on campus, whether it be campus radio, or research or a club. Contact: Walter Beckwith, 207.581.3729

Hudson Museum exhibit explores how thriftiness conserves Earth's resources

19 Sep 2016

Cindy Isenhour doesn't subscribe to the adage "out with the old, in with the new." The planet can't sustain it, says the assistant professor of anthropology at the University of Maine. Consider, she says, that each American annually throws away 1,400 pounds of stuff and that 11,000 gallons of water are used to produce one pair of jeans. Isenhour is working with a team of scholars at the Senator George J. Mitchell Center for Sustainability Solutions to investigate the reuse, repair and resale of objects as they relate to conserving Earth's resources and helping to ensure more resilient and just economies for future generations. To share some of her findings, Isenhour's exhibit "Resourceful ME: Exploring the Value of Maine's Reuse Economies" will run from Tuesday, Sept. 20, 2016 through Jan. 20, 2017 in the Hudson Museum's Minsky Culture Lab at the Collins Center for the Arts at UMaine. A reception to be held 4–6 p.m. Oct. 27 is free and open to the public. "Maine has an exceptional culture of reuse," says Isenhour. "There is another old adage I've heard more times since moving here than I'd previously heard in my whole life: 'Use it up, wear it out, make it do or do without.'" As an economic and environmental anthropologist concerned with the development of more sustainable societies, these old adages raise interesting questions for Isenhour. She's interested in the cultural construction of thrift cultures as well as economic structures that can support both resource conservation and waste reduction. With photographs and accompanying facts and stories, Isenhour communicates the value of and potential for reuse throughout the exhibit. For instance, in Limerick, Maine, community members leave items they no longer need at a transfer station shop for other residents to take free of charge. In addition to neighbors helping neighbors, Isenhour says since opening the shop and improving recycling programs, the town has reduced its annual landfill waste from 291 to 39 tons. The exhibit also features sharing economies that put not-being-used items in storage units, garages, attics and basements to use. In a Portland community tool library, donated and jointly purchased tools are available for all residents to utilize. In Maine, used goods change hands in a myriad of ways. People flock to flea markets, yard sales and antique shops and they scour classified ads in the popular Uncle Henry's print and online publication. People participate for a variety of reasons, Isenhour says. They may enjoy treasure hunts, want to protect the environment, and/or need lower-cost alternatives. "As we learn more about resource depletion, climate change and the potential for economic insecurity, we're seeing a strong resurgence of interest in repair and reuse," she says. With such a strong existing culture of reuse, Isenhour thinks Maine may have a few lessons to share. Hudson Museum is free and open to the public from 9 a.m. to 4 p.m. Monday through Friday and from 11 a.m. to 4 p.m. Saturday. It also is open 90 minutes prior to performances at the CCA and during intermissions. Contact: Beth Staples, 207.581.3777

Research: Addressing the challenges of our aging population

20 Sep 2016

[um-iframe src="https://www.youtube.com/embed/bO8U53eDkek" width="800" height="450" allowfullscreen] [Read transcript](#) The University of Maine's [Aging Initiative](#) is leading in aging-focused research, education and services to assist our aging population to live and thrive in Maine. Maine has the highest median age of any state and it is rising at one of the fastest rates in the nation. Changing demographics in Maine and nationwide are creating new opportunities and challenges associated with an aging population. Through cross-campus collaboration and partnerships with community agencies UMaine has established multidisciplinary research that is responding to the major public health issues affecting aging Americans today.

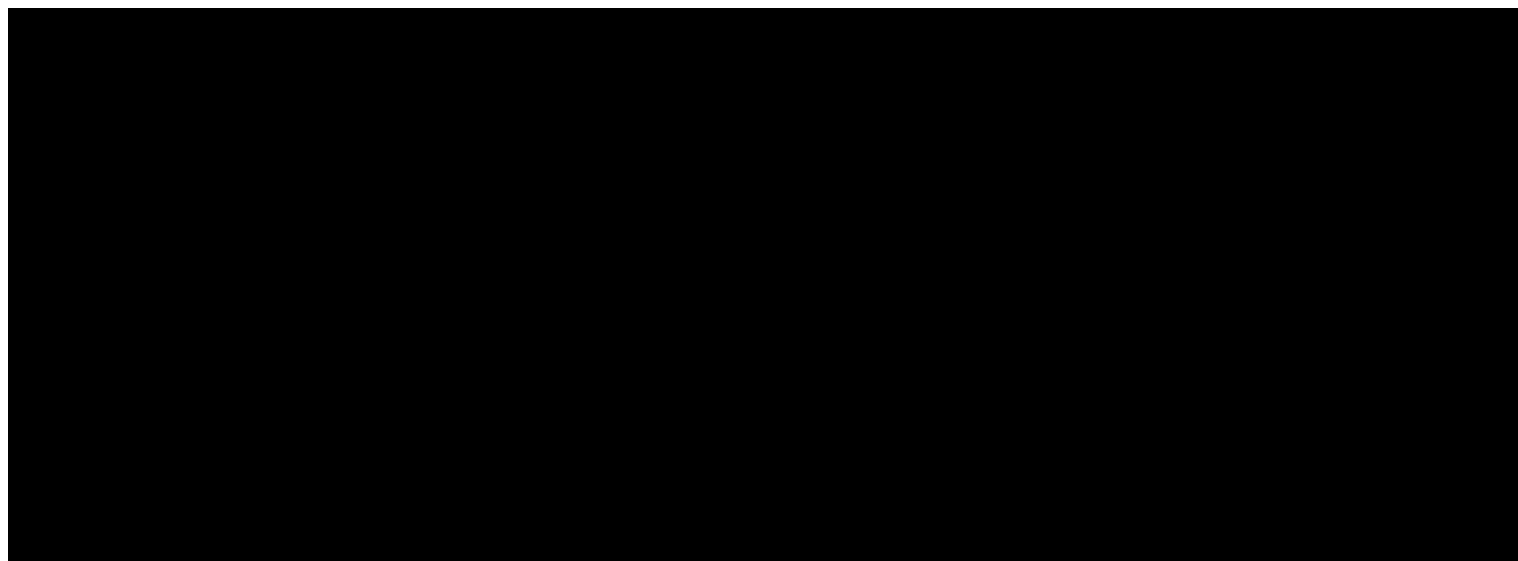
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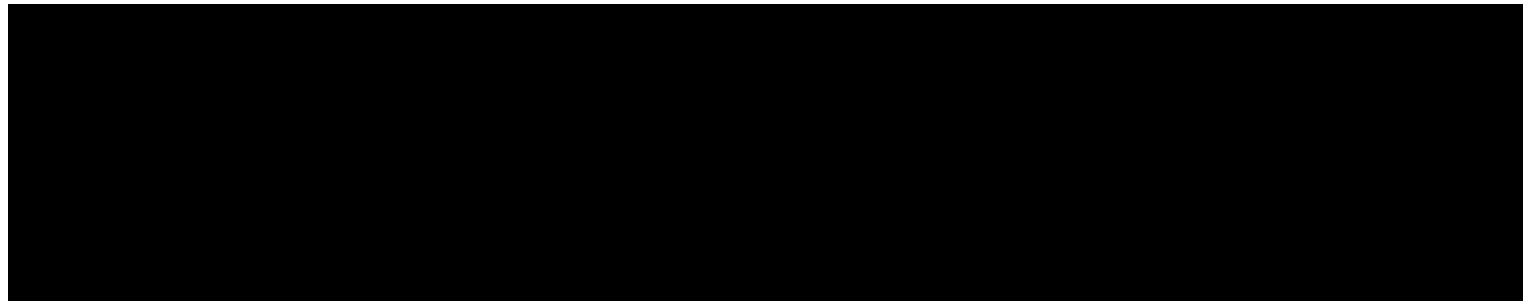
Lenard Kaye: The fact is, the world has been aging, this nation has been aging, and the state of Maine is significantly ahead of the aging curve. **Carol Kim:** Because of this, we face as a state a number of challenges. We're also a rural state, so this also adds to the complexity of an aging demographic in our state. **Lenard Kaye:** Rural communities are old communities. Those are places where adults age in place, and we're a retirement destination. That's, in a sense, a perfect storm of variables that result in Maine being far ahead of the demographic curve. **Carol Kim:** The University of Maine Aging Initiative is a collaborative project, a transdisciplinary, interdisciplinary project where we're bringing together the faculty, students, and staff

from a number of different departments. **Lenard Kaye:** We have already identified some 100 or more faculty and researchers on the University of Maine campus, but also on the other campuses throughout the system who want to jump on board. **Carol Kim:** We're looking at things like protection from falls and tripping, or increasing mobility in helping seniors to stay physically active. We're developing things like sensor technology to monitor elders in their homes but maintaining privacy. Most importantly, we're looking for ways to help an aging population live and thrive in place. And this is just the beginning. **Liz Depoy:** The point of inventing the AFARI, the jogger, was to be able to participate not only in races but also in hiking, in distance walking, because the walkers that are out are both ugly, and they don't function. **Vince Caccese:** What they needed was some help with the engineering. We've gone through four or five iterations of the design and then engineering on it. The device can take some weight off, so it allows you to actually go outside and exercise, which is ideal for elderly. **Stephen Gilson:** As we grow older, one of the things that happens is if we fall, we're prone to experience a variety of conditions and impairments. The notion for this is what kinds of equipment or what kinds of material can we develop that somebody can wear, so that when they fall, it mitigates the fall or in best case, prevent an injury. **Vince Caccese:** It makes a very big difference. It can significantly reduce the level of injury if you're wearing this device, compared to if you're not wearing it. Especially if you hit a hard floor, like a hospital floor or something like that. **Liz Depoy:** The cool thing is that our mechanical engineering partners have definitely gotten on board with both form and function. We can't live without them. Maybe they can live without us, I don't know. [laughs] **Vince Caccese:** Everyone brings in their different points of view. It's amazing. Liz and Stephen are in social work, and they have a completely different point of view on things. You really need that kind of diverse team in order to do this kind of work. **Ali Abedi:** Our side of the story is we try to address this problem by developing new technologies that can help people prevent problems that make them leave home. Like fall detection or fall prevention, or try to help them navigate in their home much easier when they have low vision or low light environments. **Richard Corey:** We have one of our students walking around who's testing the new device that basically tracks where you are within the room itself. The thing that it does, it picks up little RFID tags and then tells you what room that you're in. Right now he's moving, so of course our device will track him as moving, as he's going about the room. But if he stop moving, it will also track him as no longer moving, and then within a certain amount of time of not moving we can certainly send out information and call for help or alert somebody of a problem. **Amy Blackstone:** As sociologists we're able think and help others think about how aging impacts both individual peoples' experiences and everyday lives, and also what the impact of an aging population has on our state, on our culture. [background conversation] **Amy Blackstone:** My focus is on workers' experiences in the workplace. One thing that was very common among older workers was for their contributions to be ignored in the workplace. Not only their contributions, but just their personhood. That was the most common experience across the board, that they simply weren't taken seriously and weren't valued as workers. **Steven Barkan:** Aging is something that affects everybody. We all hope to be old, a lot of us have aging parents and relatives. The University of Maine System's Aging Initiative really is something that is relevant for every single member of every campus. **Lenard Kaye:** That's the primary charge, as I see it. Ensuring that folks have options, alternatives and choices that they can make in terms of how they live their latter years. **Carol Kim:** It's very exciting to be working as a whole campus on a research challenge of the state. I think that's what we should be doing and so, again, am very excited about that aspect of this research initiative. **Lenard Kaye:** It continues to carry forward, it continues to grow. [Back to post](#)

Community: From the ground up

20 Sep 2016





[Read transcript](#) The University of Maine's potato breeding program, conducted in collaboration with the Maine Potato Board, is committed to cultivating new varieties of spuds — a process that takes more than a decade and involves the expertise of growers, entomologists, food scientists, agronomists and geneticists. Follow professor Gregory Porter to the University of Maine Aroostook Research Farm in Presque Isle, Maine where researchers have been testing and creating new potato varieties since 1912.

Transcript

Gregory Porter: These are example research plots here. We've got our easton's on trials here still. We got Caribou Russet in some trials. Quality is so important with potatoes. We need to have yields but we also have to have the quality attributes. Whether it's appearance, good flavor, good processing quality. There are really a wide range of important traits that we're looking for. We're looking for resistance to those important diseases. This is one of our greenhouses in Presque Isle, Maine where we're growing our seedling plants. Our plants are grown in seedling pots, three inch pots. These were grown from true seeds or from crosses done in 2014. From those seeds are germinated and then they are transplanted one plant per pot here. Each pot is a new variety. It takes about 12 years of developing a new potato variety. **Ginger Keifer:** I am thinking about a career in politics, and I think it'd be really beneficial to have some awareness of what's going on in our state. This potato breeding program is really critical I think for the advancement and a really big part of Northern Maine. I didn't even know they had this program going on until I talked to Greg this spring. I think it's really neat to see that there's advancement still going on, even though they've been growing potatoes for hundreds of years up here. Trying to eliminate viruses and different disease resistances. I think it's really neat. I didn't grow up working the harvest or anything, so I didn't have a lot of true appreciation for farming and the agricultural world up here, but I definitely have more of one now. I think that it's an important role in the economy up here as well. **Kristen Brown:** I was really interested in Greg's work. It seemed like the things that he was doing, and he is doing, is immediately applicable to agriculture and to Maine farmers, and I love that. **Gregory Porter:** This one has scab resistance. It also has immunity to potato virus Y. It's got some resistance to late blight and pink rot. It carries a number of good disease resistance characteristics. Plus it has a nice bright appearance and good shape. We think it can be useful for fresh market. It's done well in fresh market evaluations and it's also looking like it's got some potential for chipping. **Kristen Brown:** To be able to contribute to potato breeders around the world and say, "This is what we've seen in this variety that you love so much. It's got this gene, and this gene, and this gene." Then they can take that to whatever offspring they're looking at and they can say, "Oh, these genes were passed on, or they weren't." I'm really excited about being able to help breeders be more efficient potato breeders. **Greg Porter:** I think it's really exciting to be involved in the process of developing new varieties that help overcome problems for the industry. Whether it's providing something that has better market quality, that gives people an opportunity to generate more profits and have a good experience with their customers, or developing a variety that has resistance to disease that's causing problems for them. [Back to post](#)

Office of Vice President for Research, Fogler to offer 'Grants 101' workshop

20 Sep 2016

The University of Maine's Office of the Vice President for Research and Fogler Library will host "Grants 101: Seeking, analyzing and writing basics" 10 a.m. to noon Tuesday, Oct. 11 in Fogler's Library Classroom. Workshop participants will be able to find grants in PIVOT, analyze an agency's request for proposals and learn grant writing basics. Space is limited. RSVP by Monday, Oct. 3 using the online [form](#). For those unable to attend, the workshop also will be held from 10 a.m. to noon Wednesday, Dec. 7. Registration for the December workshop is [online](#).

Interactive simulations, active research part of VEMI Lab open house

20 Sep 2016

The Virtual Environment and Multimodal Interaction (VEMI) Laboratory at the University of Maine will hold its annual open house from 4–6 p.m. Wednesday, Sept. 21. 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. Students, faculty, staff, friends and family are invited to explore the latest research and development from the VEMI Lab. Interactive simulations will be held on the first floor, and active research will take place on the second floor. Light refreshments will be available. For more information or to request a disability accommodation, email Emily Blackwood at emily.blackwood@maine.edu.

UMaine self-guided walking tours of campus sights now available

20 Sep 2016

Four self-guided walking tours focusing on gardens, outdoor sculptures, the historic district and other distinctive sights of the University of Maine landscape are now available. The self-guided walking tours are illustrated on a [website](#) that is designed to be compatible with mobile devices that can take advantage of interactive map and direction links. The self-guided tours, an initiative of the UMaine Division of Marketing and Communications, were created to be of interest to community members and campus visitors. Two of the principal researchers for the project are Marisue and John Pickering, who have multiple connections to the University of Maine. Marisue is a professor emerita and John an alumnus. Their decades-long experience as educators, and their shared interest in exploring Maine’s historical and cultural heritage, led to their interest in collaborating on the UMaine self-guided walking tours. In the coming year, other self-guided walking tours will be added, including one on distinctive trees on campus. The tours offer a sampling of the breadth and depth of the beauty and legacy of Maine’s flagship university, and suggestions for other sights to include are welcome. For more information, contact the Division of Marketing and Communications, 207.581.3743.

Ranco to discuss Native American voting rights in Rockport, VillageSoup reports

20 Sep 2016

[VillageSoup](#) reported Darren Ranco, an associate professor of anthropology and director of Native American Research at the University of Maine, will lead a talk on Native American voting rights at 6:30 p.m. Thursday, Sept. 29 at the Rockport Opera House. Ranco, a member of the Penobscot Nation, will focus on the 14th Amendment, the historical context of voting rights for Native Americans and other minorities in the United States, and voting in Maine, according to the article. The presentation is part of the Speaking of Maine series sponsored by the Maine Humanities Council and hosted by the Rockport Public Library, the article states.

Press Herald covers fundraiser for UMaine Extension children’s garden

20 Sep 2016

The [Portland Press Herald](#) reported the second annual Taste of Tidewater raised \$15,000 for the University of Maine Cooperative Extension children’s garden at Tidewater Farm, near the Presumpscot River in Falmouth. “We’re installing a new children’s garden and are adding plant materials and structures like cucumber tunnels, planting tables and water features,” said Amy Witt, a horticulturist with UMaine Extension. “We want to offer kids hands-on opportunities. The goal is to get schools down to the garden for programs tying in with their curriculum and to offer recreation and preschool programs.”

New fan experience to debut at football home opener, WVII reports

20 Sep 2016

WVII (Channel 7) reported more than 7,000 fans are expected at Alford Stadium this weekend for the University of Maine football team’s home opener against James Madison. Those in attendance will see changes, including new tailgating spots closer to the stadium with on-site parking for season membership holders, as well as an alcohol-free “family tailgating” location on the opposite side of the stadium. This summer, UMaine rolled out a new season membership program, raising ticket prices but eliminating certain fees to improve the fan experience, according to the report. “Right now, we have over 200 more season members than we have the previous few years,” said John Diamond, UMaine’s assistant athletic director of community engagement and marketing. “Things still look positive, we’re hearing a lot of buzz on campus about it from students. The weather looks good, we’re really excited for Saturday.”

Camire answers ‘Which veggies are healthier cooked?’ in Dr. Oz The Good Life

20 Sep 2016

[Dr. Oz The Good Life](#) magazine cited Mary Ellen Camire, a University of Maine professor of food science and human nutrition, in the article “Which veggies are healthier cooked?” Some compounds in tomatoes and carrots get a boost from heat, according to the article. “Vitamins and minerals are usually ‘locked’ inside fibrous plant cell walls,” Camire said. Cooking helps break down the walls so bodies can absorb nutrients such as lycopene from tomatoes and beta-carotene in carrots, the article states.

Franco American Programs to host panel discussion on 14th Amendment

20 Sep 2016

Franco American Programs at the University of Maine will host a panel discussion to explore questions of citizenship and the Franco-American experience on Wednesday, Sept. 28. From noon to 2 p.m. three scholars will discuss “The 14th Amendment in Franco-American Life” at the Franco-American Centre on the Orono campus. In 1938, Claudia Breton Emond was arrested in Biddeford, Maine, and deported to Thetford Mines, Canada, the town she left in 1927. Her daughter, born in Thetford Mines during a two-week vacation, was deported when she was 9 years old in 1939. The deportations and enforcement of the border were a harsh contrast to the way Emond and her family had regularly crossed back and forth between the countries for work since 1899. Throughout the 1920s, the United States increasingly regulated and closed the border, affecting the migratory patterns and, as a consequence, the Franco-American community. Following the passage of the 14th Amendment, the U.S. made distinctions between citizens and noncitizens, between those who had a right to be in the country and those who — without that right — could be deported. The panel will use Emond’s story to discuss how and why the changing definition of citizenship affected the Franco-American community, as well as immigration and citizenship in America today. Members of the panel are Patrick Lacroix, a Dissertation Year Fellow at the University of New Hampshire; James Myall, co-author of “The Franco-Americans of Lewiston-Auburn” and writer of “Parlez-Vous American?” a BDN blog on Franco-American history, culture and people; and David Vermette, a researcher, writer and blogger of “French North America.” The event is free and open to the public. A light lunch will be provided. For more information or to request a disability accommodation, call Lisa Michaud at 581.3789 or Susan Pinette at 581.3791. The event is funded by the Maine Humanities Council and Franco American Programs at UMaine.

DMC, Bigelow study: Rising ocean temperatures threaten baby lobsters

21 Sep 2016

If water temperatures in the Gulf of Maine rise a few degrees by end of the century, it could mean trouble for lobsters and the industry they support. That’s according to newly published research conducted at the University of Maine Darling Marine Center and Bigelow Laboratory for Ocean Sciences. The research is the only published study focused on how larvae of the American lobster will be affected by two aspects of climate change — ocean acidification and warming. The study found that acidification had almost no effect on survival of young lobsters. But lobster larvae reared in water 3 degrees Celsius higher in temperature, which is predicted by 2100 in the Gulf of Maine, struggled to survive compared to lobster larvae in water that matched current temperatures typical of the western Gulf of Maine. “They developed twice as fast as they did in the current temperature of 16 C (61 F), and they had noticeably lower survival,” says Jesica Waller, a graduate student at the DMC and lead author of the study published this month in the “ICES Journal of Marine Science.” “Really only a handful made it to the last larval stage,” says Waller. “We noticed it right from the start. We saw more dead larvae in the tank.” Waller also found that acidification can cause changes in larval size and behavior. “We recognized this could be really important to Maine and may help us understand the future of the lobster industry,” says Waller. “But,” she cautions, “these short-term experiments don’t account for the possibility that lobster populations may adapt to changing conditions over many generations. We need to do much more research to understand that.” “It’s critical to know how climate change will affect the future of our most important fishery,” says Rick Wahle, UMaine research professor, Waller’s co-adviser and co-author of the paper. “Last year, Maine harvested nearly half a billion dollars in lobsters. With lobsters now comprising over 80 percent of the state’s overall fishery value, Maine’s coastal economy is perilously dependent on this single fishery. We only need to look to the die-offs south of Cape Cod to see how climate change is having an impact.” Waller’s research began in early June 2015. For two weeks each morning at sunrise, she checked 10 egg-bearing female lobsters at the Darling Marine Center. “They all began hatching at once,” says Waller, who scooped the peppercorn-size hatchlings out of the water with a net, put them in a container and took

them to the Bigelow Laboratory for Ocean Sciences in nearby West Boothbay Harbor. At Bigelow, Waller raised more than 3,000 lobster larvae, from the day they were hatched until the day they grew out of the larval stage, which takes about 30 days in current ocean conditions. She took measurements daily for a month, assessing their survival rate, development time, length, weight, respiration rate, feeding rate and swimming speed. “We wanted to do all different types of measurements to provide a basis for our own research and for future work,” she says. Because of the lack of this type of research, before Waller could begin she had to figure out how to run the experiment. So in summer 2014 she conducted a small trial. The biggest challenge was that baby lobsters like to eat each other. “The cannibalism was hard to understand at first,” she says. “We figured out how much space they needed and how much food they needed.” Waller, from Sagamore, Massachusetts, is earning her master’s degree in marine biology at the University of Maine School of Marine Sciences and is based at the Darling Marine Center. She became interested in the research in 2014 while working as a lab technician with co-adviser David Fields at Bigelow. Fields, a senior research scientist, was doing similar experiments on copepods, a small crustacean that lives in the open ocean. “How copepods respond to climate change has important consequences for local fisheries in the Gulf of Maine,” says Fields. “Like the lobsters, copepods in the North Atlantic, have seen their populations move northward over the past three decades.” Given the importance of lobsters to the local economy, Fields and Wahle mentioned how useful it would be if someone investigated possible effects of rising ocean temperatures and acidification on lobsters. Waller decided to take it on, utilizing Fields’ ocean acidification system at Bigelow Laboratory and tapping into Wahle’s extensive knowledge about lobsters. “It just seemed like such a huge gap in our knowledge given how important the lobster industry is to the U.S.,” says Waller, who won a 2016 Vizzies award for her photograph of a 3-week-old lobster larva that she took while conducting this research. Contact: Melissa Wood, 207.563.8220

UMaine-owned Cessna available to university community

21 Sep 2016

A Cessna 172SP, with G1000 glass cockpit and autopilot, is available for daytime use by University of Maine System students, faculty and staff conducting research, gaining flight-time hours toward certification and participating in other noncommercial university-sponsored activities. It is not available for charter. The 2005-model aircraft is owned by UMaine and based at Bangor International Airport. The rental rate is \$125 per hour; \$100 per hour for students in the University of Maine System. For more information or to schedule flight time, contact Louis Morin, 207.581.2854; lmorin@maine.edu.

Free workshop for college women interested in leadership, politics

21 Sep 2016

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, Oct. 1 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 during the all-day program. Throughout the event, Elect Her facilitator Katie Shorey, a public relations professional specializing in coalition building and communication strategies and current director of partnerships at Venture Hall, will lead workshops on topics including the importance of young women running for office, campaign strategy and elevator speech. Presentations by elected officials will include “Making an Impact” with state representatives Ellie Espling and Michelle Dunphy, and “The Importance of Message” with Sarah Nichols of Bangor City Council and Maulian Dana Smith of Penobscot Nation Tribal Council. The workshop also will feature a showing of “Next Step RUN!,” a documentary film on women political candidates, followed by a panel discussion with filmmaker Pam Maus, Espling and Dunphy. Student government officials from UMaine, Husson University and the University of Maine at Presque Isle will lead the panel discussion, “The Nuts and Bolts of Running for Student Government.” A networking reception with local city and state officials will close the program. This year, several Maine NEW Leadership alumnae are serving as Elect Her ambassadors on their campuses; helping to recruit students and arrange carpooling. Several UMaine ambassadors will be on hand to welcome students and provide directions to parking and registration. Offered through the Margaret Chase Smith Policy Center, Maine NEW Leadership is another program aimed at encouraging women to run for public office. A continental breakfast, lunch and refreshments will be served. A full agenda is online. Registration can be completed online by Monday, Sept. 26. 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 was offered at 50 sites around the nation and Jamaica in 2015. This is UMaine’s third year hosting the event. Last year, 40 students from institutions around the state participated in the program. The Division of Student Life and Margaret Chase Smith Policy Center are co-sponsoring the event along with AAUW and Running Start, with additional support from Husson University. More information about Elect Her is available on the AAUW website or on the Elect Her [Facebook](#) page.

Press Herald interviews Brewer about reports of George H.W. Bush voting for Hillary Clinton

21 Sep 2016

The [Portland Press Herald](#) spoke with Mark Brewer, a political science professor at the University of Maine, for an article about how former Republican President George H.W. Bush plans to vote for Democrat Hillary Clinton this fall. A prominent Kennedy family member said she heard the news firsthand from Bush, according to the article, but the former president has not confirmed. News that the Bush family patriarch might be voting for a Democrat instead of Republican nominee Donald Trump could factor into the decision-making process for moderate Maine Republicans, according to Brewer. He said it wasn't surprising, given the circumstances around Trump and his criticism of two of Bush's sons, that the 41st president would not be supporting Trump, the article states. "I also think it might have an outsized impact in Maine — you know, nationally very minor, but maybe in Maine, still minor but maybe bigger," Brewer said. "H.W. was the last Republican candidate to win the state, the family is held in relatively high regard here, especially H.W. He's got a positive reputation even among some Democrats. I think it might make a bigger difference here."

Ph.D. student, Department of Marine Resources scientist featured in Boothbay Register

21 Sep 2016

[Boothbay Register](#) published a feature article on Katherine Thompson, a Ph.D. student in marine biology at the University of Maine. In February, the Department of Marine Resources hired Thompson to lead its lobster sampling program. Thompson, a New Harbor native, operates from the DMR lab in West Boothbay, according to the article. She is responsible for coordination, implementation and participation of the program in all seven of the state's lobster management zones and oversees the department's juvenile lobster ventless trap survey, the article states. After receiving her undergraduate degree, Thompson completed an internship in lobster research through the Bigelow Laboratory for Ocean Sciences in East Boothbay, focusing on the settlement index survey conducted by Richard Wahle of UMaine's School of Marine Science. "Growing up around a working waterfront definitely influenced my career," Thompson said. "I think it was a natural course for me to pursue. I've intentionally done research that has directly collaborated with the lobster and scallop industries."

WABI covers geotechnical boring demonstration

21 Sep 2016

WABI (Channel 5) reported on a demonstration of geotechnical drilling hosted by S.W. Cole Explorations LLC on the University of Maine campus. S.W. Cole Explorations LLC is a test boring subsidiary of S.W. Cole Engineering Inc., which provides geotechnical engineering, geoenvironmental consulting, and materials testing services. Civil, construction and water resource engineers, as well as geologists use the drilling process to collect soil samples and analyze water, according to the report. Students in the Civil and Environmental Engineering and Construction Engineering Technology programs were in attendance. "We're giving the students values. We're telling them to analyze these bits of soil that come from some nebulous area, but now they get a chance to see how the soil is pulled up out of the ground," said Melissa Landon, an associate professor of civil engineering at UMaine. "I had only seen this in diagrams and stuff from textbooks, so it was really cool to get to see the actual process happen," said UMaine student Kendra Ramsell. Students will test the samples next semester, WABI reported.

Media report on new Maine forest products industry study

21 Sep 2016

[Mainebiz](#) and [Maine Public](#) reported on a new Maine forest products industry study conducted by Mindy Crandall, an assistant professor of forest landscape management and economics at the University of Maine. The report, which was presented at the Maine Forest Products Council's annual meeting, shows the industry's overall economic impact dropped by about \$1 billion between 2014 and 2016, but is no worse off than it was in 2011, according to Maine Public. The study also found the industry supports more than 33,000 jobs and will contribute about \$8.5 billion to the state's economy in 2016, despite recent job losses and mill closures, Maine Public reported. Also at the council's meeting, Stephen Shaler, director of the School of Forest Resources at UMaine, moderated a panel discussion on cross-laminated timber that highlighted the growing interest globally in using new types of wood products such as CLT, according to Mainebiz. "It should be technically possible to produce CLT in Maine," Shaler wrote in his contribution to the report focusing on new uses for wood. "It's made from softwood dimension

lumber and Maine is the largest manufacturer of softwood lumber in the Northeast with close proximity to the huge New York-Boston market.”

Presidential Debate Watch Party Sept. 26

22 Sep 2016

A University of Maine Presidential Debate Watch Party will be held in the North Pod of Memorial Union 8:30–11 p.m. Monday, Sept. 26 for the first debate between candidates Hillary Clinton and Donald Trump. UMaine political science professors Rich Powell and Rob Glover will introduce the debate and facilitate pre- and post-debate discussion according to nonpartisan guidelines set by the [Commission on Presidential Debates](#). Free pizza, snacks and refreshments will be provided. This event is sponsored by the Department of Political Science, the Division of Student Life, the Honors College and Young Invincibles. For more information or to request a disability accommodation, contact Glover at robert.glover@maine.edu or 581.1880.

Family and Friends Weekend Sept. 23–25

22 Sep 2016

The University of Maine will hold Family and Friends Weekend Friday through Sunday, Sept. 23–25. Many events will be held on campus throughout the weekend, including planetarium shows at the Emera Astronomy Center, a performance by comedian Jessi Campbell, a lobster bake sponsored by the University Credit Union, UMaine football’s home opener against James Madison and a jazz trivia brunch. More information is available [online](#), by calling 581.1769 or emailing UMaineFamily@gmail.com.

Huffington Post quotes Stancioff in article on fishing in Gulf of Maine

22 Sep 2016

[The Huffington Post](#) quoted Esperanza Stancioff, an educator with Maine Sea Grant and University of Maine Cooperative Extension, in the article, “Troubled waters: Fishing in Gulf of Maine sheds light on urgency in protecting oceans.” A study led by the Gulf of Maine Research Institute and published in *Science* found temperatures in the Gulf of Maine increased faster than 99 percent of the global ocean, according to the article. Stancioff said the study shows, “the Gulf of Maine is one of the most warming oceans in the world other than an area north of Japan.” She also spoke about the problem of overfishing in the United States. “One example in Maine is the urchin population, which was decimated by overfishing,” she said. “There are complex biological and ecological relationships affecting our marine resources. And, as far as climate change goes, long-term ocean and coastal acidification will change our ocean chemistry composition the most.” Although conflicts can arise between fisheries and scientists, some collaborative efforts have been successful, according in to the article, including Stancioff’s work with lobstermen in three states for a project funded by NOAA. The socioecological model that “links together equations describing economics, biology and fishing effort” can help fishermen and women build predictive models that shed insight on pricing changes during the fishing season, according to Stancioff. “Research such as Stancioff’s can set the stage for efficient participatory planning,” the article states.

UMaine Museum of Art, Honors College, Police Department debut new websites

23 Sep 2016

The [University of Maine Museum of Art](#), [Honors College](#) and [Police Department](#) are among many UMaine centers and programs that have upgraded to the university’s new website template over the summer. A [Self-Guided Walking Tours](#) website also recently launched and features four tours focusing on gardens, outdoor sculptures, the historic district and other distinctive sights of the UMaine campus. The website is designed to be compatible with mobile devices that can take advantage of interactive map and direction links. Other newly launched websites include:

- [Advanced Manufacturing Center](#)
- [Analytical Lab and Maine Soil Testing Service](#)
- [Annual New England Early Intervention Conference](#)
- [Army ROTC](#)
- [Branding Toolbox](#)

- [Campus Planning](#)
- [Center for Undergraduate Research](#)
- [Chemical and Biological Engineering](#)
- [Civil and Environmental Engineering](#)
- [College Success Programs](#)
- [Construction Engineering Technology](#)
- [Disability Support Services](#)
- [Division of Marketing and Communications](#)
- [Ecology and Environmental Sciences](#)
- [Electrical Engineering Technology](#)
- [Electrical & Computer Engineering](#)
- [Engineers Without Borders](#)
- [Faculty Senate](#)
- [Graduate Student Government](#)
- [Modern Languages and Classics](#)
- [Office of Budget and Business Services](#)
- [Office of Facilities Management](#)
- [Office of Sustainability](#)
- [RiSE Center NOYCE Materials for Teacher Preparation](#)
- [School of Earth and Climate Sciences](#)
- [School of Engineering Technology](#)
- [School of Food and Agriculture](#)
- [Student Employment](#)
- [Student Support Services](#)
- [Surveying Engineering Technology](#)
- [Tutor Program](#)
- [UMaine Mandela Washington Fellowship](#)
- [University of Maine SALT and Financial Literacy](#)
- [VEMI Lab](#)
- [WiSe-Net Lab](#)

For more information on the UMaine website conversion, contact Mike Kirby at mike.kirby@maine.edu or 581.3744.

Art in the Park in Veazie to celebrate dam removal with flaming sculpture

23 Sep 2016

The town of Veazie and University of Maine sculptor Greg Ondo are commemorating the removal of the Veazie dam with a two-hour event Sept. 30 in Riverside Community Park. The free public event, Art in the Park, from 5–7 p.m., will feature live fiddle music by Ellie May Shufro, a demonstration by fiber artist Samantha Jones, and talks by Native American storyteller James Francis and UMaine associate professor of freshwater fisheries Stephen Coghlan. A free barbecue will be served by members of the Veazie Fire Department. The activities lead up to Ondo's performance art presentation, "The Salmon Ladder." Ondo, a UMaine assistant professor of art, has created a 6-foot tall sculpture that will be set ablaze to end the ceremony. "We hope the event will be a fun, engaging tribute to the revitalization of the river and the community through the arts," says Ondo, who lives in Veazie. The rain date is Oct. 14 at the same time. More information is available by emailing Ondo at gregory_ondo@umit.maine.edu, or project manager Tilan Copson at tilan.copson@gmail.com.

WABI, WVII preview new UMaine Museum of Art exhibit

23 Sep 2016

WABI (Channel 5) and WVII (Channel 7) reported on "Contemporary Currents: Nine New Brunswick Artists," an exhibit opening Sept. 23 at the University of Maine Museum of Art in downtown Bangor. The exhibit highlights a diversity of creative approaches and genres — from representational to conceptual — by artists from throughout New Brunswick. Also varied is the range of media, which includes ceramic, photography, oil painting, assemblage, mixed media, sculpture and printing processes. "With our close proximity to New Brunswick we thought it was fitting and in line with our contemporary art mission to feature nine artists from New Brunswick," George Kinghorn, the museum's director told WVII. UMMA partnered with the New

Brunswick Department of Tourism, Heritage and Culture on the exhibition. “When I see opportunities like this where we can collaborate with the University of Maine and showcase and have the exposure for New Brunswick artists, it’s exciting and it’s always a positive initiative to go forward with,” said John Ames, minister of tourism, heritage and culture in New Brunswick. “It’s a catalyst and I’m excited to see what it can bring forward in the future.” The exhibit will run through Dec. 31. Free admission to the museum in 2016 is made possible by Deighan Wealth Advisors. The [Bangor Daily News](#) also reported on the exhibit.

UMaine mentioned in Kiplinger article on paying in-state tuition out of state

23 Sep 2016

The University of Maine’s Flagship Match financial aid program was mentioned in the [Kiplinger](#) article, “Little-known ways to pay in-state tuition rates at out-of-state colleges.” To attract more out-of-state students, some public colleges offer out-of-state students a discount on tuition, according to the article, which cites UMaine as an example. UMaine recently began offering students from California, Connecticut, Illinois, Massachusetts, New Hampshire, New Jersey, Pennsylvania, Rhode Island and Vermont its education at the same price as that of the public flagship in their home state, the article states. Students from other states who meet the academic standards can receive \$13,200 off UMaine’s out-of-state tuition and fees, and students with lower GPAs and scores can receive a \$9,000 discount, Kiplinger reported. [Chicago Tribune](#) also published the article.

Study finds warming waters threaten young lobsters, BDN reports

23 Sep 2016

The [Bangor Daily News](#) and Associated Press reported on newly published research that found the Gulf of Maine’s lobster population could suffer if water temperatures keep rising. The research, conducted at the University of Maine Darling Marine Center and Bigelow Laboratory for Ocean Sciences, is the only published study focused on how larvae of the American lobster will be affected by two aspects of climate change — ocean acidification and warming. Larvae raised at 66 degrees “developed twice as fast as they did in the current temperature of 61 degrees Fahrenheit, and they had noticeably lower survival [rates],” said Jessica Waller, a graduate student at DMC and lead author of the study. “Really only a handful made it to the last larval stage.” Rick Wahle, a UMaine professor and co-author of the report, said the study was aimed at anticipating changes Maine’s most valuable fishery will face. “Last year, Maine harvested nearly half a billion dollars in lobsters,” Wahle said. “With lobsters now comprising 80 percent of the state’s overall fishery value [of \$616 million], Maine’s coastal economy is perilously dependent on this single fishery. We only need to look at the die-offs south of Cape Cod to see how climate change is having an impact.” Bob Bayer, director of the UMaine Lobster Institute, did not dispute the findings of the study, but said there other indicators that affect lobsters’ survival that suggest increased water temperatures may be beneficial, the article states. “Mortality from predation could actually be reduced” by warming waters, he said, adding that although the warming of the Gulf of Maine is a cause for concern, the impact of that change “doesn’t look like doom and gloom to me.” [Portland Press Herald](#), Star-Telegram, WLBZ (Channel 2), WABI (Channel 5) and [Maine Public](#) carried the AP report, and CBC Radio interviewed Waller for a segment titled “[Hot lobsters.](#)” [Christian Science Monitor](#), [Food & Wine](#), [The Daily Meal](#), [Boston magazine](#), [Phys.org](#), [Gothamist](#), [Mainebiz](#), [Nature World News](#), [International Business Times](#), [Newswise](#), [Tech Times](#), [Dive Photo Guide](#) and [Fish Information & Services](#) also reported on the study.

Mayewski to discuss ice melt, adaptation at Maine-Arctic Forum

26 Sep 2016

The director of the University of Maine Climate Change Institute will talk about the Arctic’s changing climate and resulting economic opportunities and geopolitical concerns Oct. 3 at the University of Southern Maine in Portland. Paul Mayewski, who has led expeditions and conducted climate change research in the Arctic and all over the planet, will participate in a 10:15 a.m. panel discussion titled “Arctic Science: Ice Melt & Climate Change” at the Maine-Arctic Forum. Discussion will focus on adaptation, resilience, perspective and scenario-based climate prediction. “The Arctic now stands embedded firmly in our future — a concept few imagined even one to two decades ago,” says Mayewski. Anne Henshaw, a marine conservation program officer in the North Pacific and Arctic with the Oak Foundation, will moderate the panel. Joining Mayewski on the panel are: Rafe Pomerance, chairperson of Arctic 21 and member of the National Academy of Sciences’ Polar Research Board; and Paty Matrai, a senior research scientist at the Bigelow Laboratory for Ocean Sciences’ Air-Sea Exchange Laboratory. Last year, Mayewski and Maine National Guard Lt. Col. Darryl W. Lyon co-authored a column about the changing Arctic in the

Bangor Daily News. They wrote: “We must fully understand the effects of climate change on every aspect of our lives. There is opportunity in trade, responsible development and international relationships. The High North represents one of our planet’s last frontiers, and it must remain peaceful, stable and free of conflict.” Prior to the panel discussion, Craig Fleener, a special assistant on Arctic policy in Alaska, will talk about “The U.S. as an Arctic Nation.” And U.S. Sen. Angus King has been invited to share thoughts about “Maine’s role in the Future of the Arctic.” CCI faculty members attending the Maine-Arctic Forum include Sean Birkel, Ellyn Enderlin, Karl Kreutz and Robert Northington. A booth featuring CCI Arctic research will be at the event. Also, students affiliated with the CCI, including Jeff Auger, Annie Boucher, Kimberley Rain Miner and Jessica Scheick, as well as Dominic Winski (a UMaine alumnus pursuing a doctorate at Dartmouth College), will display research posters at the forum. And students Carl Tugend, Rachel Fowler and Benjamin Burpee will attend. In conjunction with the forum, UMaine students also will participate in a Sustainable Development Working Group roundtable discussion at 6 p.m. Oct. 2 at Bear Brew Pub in Orono. Hosts are Zeynep Turk, director of development with the Maine International Trade Center, and Ann Maceda with the U.S. State Department. The Maine-Arctic Forum is one of a number of public events scheduled from Sept. 26 through Oct. 5 in southern Maine. Others include lectures on a variety of topics, including “Arctic Ocean Food Systems: Maine and North Atlantic Seafood Trade.” In addition, Justin Levesque’s multimedia project “ICELANDx207: Container” will be exhibited in a shipping container in Congress Square. And 30-minute Lightning Workshops are scheduled on topics including tourism in Maine and Iceland and mapping Iceland’s landscape from space. Public events were scheduled to coincide with area private meetings Oct. 4–6 of Senior Arctic Officials of the Arctic Council, including ambassadors, business leaders, scientists, government officials and a Sámi reindeer herder. The Arctic Council is an intergovernmental forum formed to promote cooperation, coordination and interaction on issues of common concern among the Arctic states, Arctic indigenous peoples and others in the region. Member countries are Canada, Denmark, Finland, Iceland, Norway, the Russian Federation, Sweden and the United States. The fee is \$45 per person to attend the daylong conference at USM in Abromson Community Education Center’s Hannaford Hall. The fee includes attendance at the conference, a buffet luncheon and a networking reception. To register and for more information about the Maine-Arctic Forum, organized by the Maine North Atlantic Development Office, visit mitc.com. Online registration closes Thursday, Sept. 29. Contact: Beth Staples, 207.581.3777

Free Screening of ‘Being Mortal’ explores end-of-life care

26 Sep 2016

The University of Maine Center on Aging, in partnership with St. Joseph Healthcare and the Eastern Area Agency on Aging, will hold a free, community screening of the documentary “Being Mortal” at 6 p.m. Thursday, Oct. 6 at the Dyke Center for Family Business at Husson University. After the screening, audience members are invited to participate in a guided conversation on how to take real steps to identify and communicate wishes about end-of-life goals and preferences. “Being Mortal” explores the hopes of patients and families facing terminal illness. The film investigates the practice of caring for the dying and explores the relationships between patients and their doctors. It follows a surgeon, Dr. Atul Gawande, as he shares stories from the people and families he encounters. When Dr. Gawande’s own father gets cancer, his search for answers about how best to care for the dying becomes a personal quest. The film sheds light on how a medical system focused on a cure often leaves out the sensitive conversations that need to happen so a patient’s true wishes can be known and honored at the end. “Being Mortal” underscores the importance of people planning ahead and talking and sharing with family members about end-of-life decisions. The film is adapted from Dr. Gawande’s 2014 best-selling book of the same name. The free screening is made possible by a grant from The John and Wauna Harman Foundation in partnership with the Hospice Foundation of America. To register, call Eastern Area Agency on Aging at 941.2865. For more information, contact Jennifer Crittenden at 262.7923, jennifer.crittenden@maine.edu.

UMaine mentioned in Lancaster Farming article on potato trials

26 Sep 2016

The University of Maine was mentioned in the [Lancaster Farming](#) article, “Potato growers gather to learn of Pennsylvania trials.” More than 20 growers attended a potato field meeting organized by Pennsylvania Co-Operative Potato Growers Inc. and the Lehigh Valley Potato Growers Association in cooperation with Penn State Extension. Presenters displayed 18 trial varieties, according to the article. Penn State currently has more than 200 potato varieties in trials. The trial stock came from Idaho, Colorado State University and UMaine, as well as other institutions and private companies, the article states.

Peckenham quoted in Sun Journal article on growth of bottled water in Maine

26 Sep 2016

John Peckenham, director of the Maine Water Research Institute and the associate director of the Senator George J. Mitchell Center for Sustainability Solutions at the University of Maine, was quoted in a [Sun Journal](#) article on the growth of bottled water in the state. “You just go west of the Mississippi and water is just what everybody talks about and it’s very, very political. Agriculture and cities are all dependent on a very limited resource,” Peckenham said. “In our part of the world, we actually have a massive surplus of fresh water. If you want to think of it as a commodity, we have far more than we can use. So the issues as I see them really come down to, ‘Where is the water that’s suitable and meets the definition of spring water so that we can bottle it in sufficient quantities to make a profit in the marketplace?’ If you looked at it on whole, across the whole state, we can’t even measure what fraction goes out in bottles compared to everything else. But all problems are local problems. You start going on a smaller and smaller scale, are people being affected? Sometimes yes, sometimes no.”

Moran speaks with Sun Journal about Honeycrisp apples in Maine

26 Sep 2016

Renae Moran, a tree fruit specialist with the University of Maine Cooperative Extension, was interviewed by the [Sun Journal](#) for an article about the rising popularity of Honeycrisp apples in Maine. Today, Honeycrisps make up between 10 to 20 percent of apples produced in Maine, compared to 16 years ago, when virtually no Maine orchards were selling the variety, according to Moran. The apple’s popularity is good news for Maine, because the state has an ideal climate of cooler summers for the variety, Moran said. “Maine grows a better Honeycrisp than Pennsylvania or Washington state,” Moran said, adding that she predicts the Honeycrisp eventually will replace the McIntosh as the No. 1 variety.

WABI, WLBZ cover vigil to remember police brutality victims

26 Sep 2016

WABI (Channel 5) and [WLBZ](#) (Channel 2) reported on a vigil organized by the University of Maine’s Black Student Union. Students and faculty gathered on the steps of Fogler Library to remember the man fatally shot by a police officer in Tulsa earlier this month. Organizers said they hope to shine a light on police brutality and racism in cities and towns across the country, including here in Maine, according to WABI. Kirsten Daley, Black Student Union president, and Robert Dana, UMaine’s vice president for student life and dean of students, spoke at the vigil, WLBZ reported. “We know that the society only survives if it can be knitted back together, and so whatever fractures and stress cracks we have, all of those are breaking us apart at the seams and we need to come back together,” Dana said. Black Student Union leaders said their goal is to ensure that people of all backgrounds feel safe on campus and in the larger community, WABI reported. “It’s incredibly amazing to see people my age standing up and demanding change and demanding justice,” Daley said.

Vice President Dana, Fried speak with Maine Public about marijuana legalization

26 Sep 2016

Robert Dana, vice president for student life and dean of students at the University of Maine, and Amy Fried, a political science professor at UMaine, spoke with Maine Public for the report, “High stakes: College students could tip vote, but pot would likely still be banned on campuses.” Even though students tend to support marijuana legalization, they likely won’t see much of a difference on campus if Question 1 is approved, according to the report. To receive federal funds for financial aid and research, public universities need to follow the federal Drug Free Schools and Communities Act, which bans marijuana use, the report states. Dana said the federal laws play a role in keeping marijuana banned at UMaine, but for him, the bigger factor is the drug’s effect on academics. “In my history, not just as a dean but as somebody who studied drug use, marijuana became sort of conceptualized as a benign substance,” he said. “But we know it’s a psychoactive substance. And that used immoderately, it can hurt you. So for college campuses here and across the country, it’s one of those things that you don’t want to have corroding the academic enterprise. We’ve always spent time preventing its use. And taking a reasonably hard stand, saying, ‘You can’t do it here. It’s against the rules. It’s against the law.’” Fried said college students tend to head to the polls for presidential elections, and that should mean a boost for the legalization campaign. She compared this year’s marijuana initiative to Maine’s 2012 referendum on same-sex marriage, which passed by a six-percent margin, Maine Public reported. Shamus McManus, a UMaine student, was quoted in a [Portland Press Herald](#) article on the same topic.

Gender gap in engineering narrows at UMaine, Press Herald editorial states

26 Sep 2016

The [Portland Press Herald](#) published the editorial, “Gender gap in engineering narrows at UMaine.” Of all the science, technology, engineering and math (STEM) fields, engineering is one where women have long been underrepresented, and that remains true today, with just 20 percent of bachelor’s degrees in engineering going to women in 2015, according to the editorial. But the University of Maine is among the schools in the U.S. where women students are swiftly gaining ground, according to a recent [Washington Post](#) analysis. “Compared to other public schools, UMaine’s nationally prominent engineering program has reason to be proud,” the editorial states. “The female share of its engineering graduates in 2015 was 20.4 percent — a gain of 9.2 percent over 2010, the second-largest five-year gain of the 90 public institutions analyzed by the Post.” [Working Woman Report](#) also published the editorial.

UMaine researchers refining Arctic climate history through diatoms

26 Sep 2016

Just above the Arctic Circle, in remote southwestern Greenland, UMaine researchers are seeking to better understand the effects of a changing climate on arctic lakes by looking at one of their smallest inhabitants — *Discostella stelligera*. The research team conducted a large-scale experiment to test the role of a lake’s thermal structure on populations of *D. stelligera*, a species of diatom whose abundance is often used as an indicator of warming induced changes in lakes throughout the Northern Hemisphere. The team, led by Jasmine Saros, professor of paleoecology and lake ecology in the School of Biology and Ecology and the Climate Change Institute, shared the results of this study in a recent paper published in the journal *Limnology and Oceanography Letters*. Diatoms, a type of single-celled algae which encase themselves in distinctive and elaborate glass-like shells, are very sensitive to environmental change. The microscopic silica fossils they leave behind accumulate in lake sediments and create a paleolimnological record of past environmental conditions that can extend thousands of years. “In many lakes across the Northern Hemisphere, paleolimnological records have revealed that the relative abundances of *D. stelligera* changed over the past century, with these widespread shifts attributed to climate change,” write the research team. However the mechanisms underlying these observed changes were not well understood. The team recognized that in some lakes in the Northern Hemisphere experiencing warming, like the ones they are studying in Greenland, populations of *D. stelligera* have remained the same, or even declined over the same time frame necessitating an inquiry into the environmental drivers behind these observed differences in change. Saros and her team evaluated the abundance of the species in two small arctic lakes near Kangerlussuaq, Greenland over the summers of 2013 and 2014. Each lake was similar in size, depth, thermal structure and abundance of *D. stelligera*. In many arctic lakes during the summer months a warm, less dense layer of water, heated by the sun, forms at the surface and ‘floats’ on top of the cooler, more dense water below. The point at which these two layers meet is known as the mixing depth. A lake’s thermal structure refers to this natural stratification of the water column. Many climate- and environmental-related factors can influence a lake’s thermal structure including atmospheric temperature, solar radiation, wind strength, changing water chemistry and turbidity. During the study, each lake’s thermal structure and diatom population were monitored, however during the second year, the experimental lake was mechanically manipulated to alter its thermal structure. Saros’ team employed a solar-powered hydraulic lift system in the experimental lake to disrupt this natural stratification. The device, known as a SolarBee, pumps cooler water from the deeper parts of the lake and moves it to the surface of the lake, effectively expanding the warmer water layer and promoting a deeper mixing depth. While *D. stelligera* was abundant in both unmodified lakes naturally, populations in the experimental lake plummeted after the whole-lake thermal manipulation. The researchers confirmed that *D. stelligera* thrive in lakes with shallower mixing depths and confirm the use of the species as an indicator of climate-driven changes in lakes. “The broader application of this tool to lake sediment records will yield greater insight into longer-term variability in the response of lake ecosystems to climate,” write the researchers. UMaine researchers Robert Northington and Dennis Anderson, and Nicholas John Anderson from Loughborough University in Leicestershire, UK, co-authored the paper with Saros. Contact: Walter Beckwith, 207.581.3729

MTI approves grant applications of companies with ties to UMaine

27 Sep 2016

The Maine Technology Institute (MTI) approved seven new grant applications in August, two of them to companies with ties to the University of Maine. According to an [MTI](#) news release, Sea & Reef Aquaculture based at UMaine’s Center Cooperative Aquaculture Research (CCAR) in Franklin, was awarded a \$9,140 Business Accelerator Grant; and Alba-Technic, based in Winthrop, received \$4,990 in MTI funding. Alba-Technic head protection prototypes will be tested by UMaine prior to sales in the medical device marketplace. [MTI](#) also reported that another CCAR business collaborator, Acadia Harvest Inc., closed a \$700,000 financing award.

CareerFest to be held Sept. 28 on the Mall

27 Sep 2016

In addition to the annual Engineering Job Fair in October and Career Fair in February, the University of Maine Career Center will host a new event, CareerFest, on Wednesday, Sept. 28. From 11 a.m.–3 p.m. employers will be on the Mall reviewing resumes and talking about best practices for interacting with recruiters, human resources professionals and hiring managers. Representatives from Enterprise; Wayfair; Target; Loiselle, Goodwin & Hinds; Woodard & Curran; Camden National Bank; YMCA; Internship Hub of Aroostook; Procter & Gamble; and Wyman's of Maine are scheduled to attend. The event will include several 20-minute presentations on a variety of topics, including choosing a major, the importance of volunteering, internships, professionalism and advice on how to network and ace job interviews. Other UMaine organizations and programs will have informational tables on their academic and professional development opportunities. Free food and prizes will be available. For more information, contact the Career Center, which is located on the third floor of the Memorial Union, at 581.1359 or visit its [website](#).

Brewer speaks with Maine Public about online ads ahead of presidential debate

27 Sep 2016

Mark Brewer, a political science professor at the University of Maine, spoke with Maine Public for a report about highly targeted online advertising that was expected during the first presidential debate. Ahead of the debate, Maine Public reported it was predicted that the event could set a ratings record, with more than 80 million viewers — possibly as many as 100 million. With many younger voters likely to watch online and engage in social media interactions in real time, Brewer said ads on social media could be crucial for finding, and winning over, those voters in the election. He says the messaging in online ads can be far more targeted than those distributed through traditional media such as newspapers and TV. One targeted group might be young potential voters in Maine's 2nd Congressional District, according to the report. Brewer said as polls across the country show that many millennials are undecided or only weakly supporting a candidate, those targeted ads could pay off. "If you're looking at those voters, putting your dollars and your energy into social media trying to reach them is a really smart choice," he said.

UMaine, Dean Humphrey mentioned in op-eds on importance of engineering

27 Sep 2016

The University of Maine's College of Engineering was mentioned in two opinion pieces that focused on the critical roles engineers and engineering jobs play in the future of the state's economy. The [Bangor Daily News](#) op-ed, "Maine's economy needs engineers, and Maine's young people need great engineering jobs," states UMaine engineering graduates enjoy a 99 percent placement rate. The [Portland Press Herald](#) piece, "Engineers play critical roles in the future of our state's economy," cited Dana Humphrey, dean of UMaine's College of Engineering. Humphrey asked the op-ed author to consider why the study of engineering is important to the future of the Maine economy.

Republican Journal advances talk by graduate student, Rwandan refugee

27 Sep 2016

[The Republican Journal](#) reported Prosper Ishimwe, a graduate student of global policy in the University of Maine School of Policy and International Affairs, will recount his experiences and share his perspectives on life as a refugee in Maine at 6:30 p.m. Tuesday, Oct. 11 at Belfast Free Library. The event is free and open to the public. Ishimwe was born and raised in Rwanda, and moved to the U.S in the summer of 2014. Before joining SPIA, he volunteered with Tree Street Youth, an organization that serves youth in Lewiston, mostly refugees from Somalia and the African Great Lakes region, according to the article. In his home country, Ishimwe worked with the Peace Corps as a language and cross-culture facilitator, the Junior Chamber International as a project coordinator, and Never Again Rwanda as a peace-building coordinator, the article states.

UMaine moving historic telescope, BDN reports

27 Sep 2016

The [Bangor Daily News](#) reported the University of Maine's historic observatory will be torn down, but its 111-year-old telescope will be saved. "We want to continue to be able to share this important piece with the community," Shawn Laatsch, director of the Emera Astronomy Center and Maynard F. Jordan Planetarium at UMaine, said of the telescope that has been used by thousands of students and researchers. During a September meeting, the University of Maine System board of trustees approved a plan to demolish the old observatory, according to the article. In 2014, the university debuted the \$5.2 million Emera Astronomy Center, which is home to the university's new planetarium and the new Maynard F. Jordan Observatory, which has a modern 20-inch reflecting telescope, the article states. The new UMaine telescope can be operated remotely, set by a computer to look at a certain section of the night sky at a certain time, which is a far cry from the university's original 8-inch refracting Clark telescope that dates back to 1905, the BDN reported. "People still have a very strong interest in physically looking at the sky," said Laatsch, adding some feel more connected looking through an eyepiece than they do looking at a computer screen. The new telescope in the Jordan observatory will continue to be used by students and researchers, but the Clark telescope will be used mostly for educating visitors, according to Laatsch.

Media cover presidential debate watch party

27 Sep 2016

[WVII](#) (Channel 7) and the [Bangor Daily News](#) reported on a presidential debate watch party held in the Memorial Union of the University of Maine. About 200 students gathered to watch the debate between Republican Donald Trump and Democrat Hillary Clinton. "I think potentially when you view things in isolation, you can kind of interpret things through your own lens. And when we interact with others we can be exposed to different viewpoints," event organizer Robert Glover, an assistant professor of Honors and political science at UMaine, told WVII.

Long speaks with VN Express about Filipino president's visit to Vietnam

28 Sep 2016

Ngo Vinh Long, professor of Asian history, spoke with the Vietnamese newspaper [VN Express International](#) for a story about Filipino President Rodrigo Duterte's two-day visit to that country. Duterte's visit that started Sept. 28 comes at a time when the new Filipino president has been in the spotlight for his tough image that has made international headlines. Long told the newspaper that the visit to Vietnam is designed to "restore the Philippines' image as well as to promote economic exchanges." On Duterte's approach to ramping up relations with China, Long noted that "it has been partly designed not to rub salt into China's wounds" after the Philippines' court victory denying China's claim to sovereignty in Pacific waters, and to not provoke China "into more adventurous adventures," especially in the presidential election season. "If Duterte's approach could calm down an aggressive China, it would be to the (benefit) of all concerned — China included," he said.

WVII interviews Brewer about presidential debate

28 Sep 2016

Mark Brewer, a political science professor at the University of Maine, [talked with WVII-TV about Monday evening's presidential debate](#) between Hillary Clinton and Donald Trump. Brewer said a highlight for Trump was questioning Clinton's support of the Trans-Pacific Partnership and that a positive for Clinton was that she appeared presidential.

Maine Public quotes Fried in piece about political attack ads

28 Sep 2016

Amy Fried, a political science professor at the University of Maine, was quoted in a [Maine Public story about attack ads](#) being used by incumbent Republican Bruce Poliquin and Democratic challenger Emily Cain and in the 2nd Congressional District race. Maine Public cited Roll Call, a Capitol Hill newspaper, that recently covered efforts by both Poliquin and Cain "to depict each other as out-of-touch with voters." Fried says, "It really is rather typical for a candidate to want to create a kind of brand for the candidate and the candidate's opponent, and one of the elements of that brand is whether you're like the average person whether you're one of us."

Lincoln County News reviews exhibit featuring Dibble's paintings

28 Sep 2016

Paintings by Alison Dibble, an assistant research professor in the School of Biology and Ecology at the University of Maine, are highlighted in a [Lincoln County News' review](#) of an exhibit at the Saltwater Artists Gallery in New Harbor. Many of Dibble's paintings, according to the review, are scenes of the Blue Hill area, including "Levesque Boathouse with Ice" and "Blue Hill Fire Tower, about 1986."

UMaine's last half-century highlighted in Maine Historical Society's journal

28 Sep 2016

The summer 2016 issue of the journal *Maine History* (Vol. 50), published by Maine Historical Society in conjunction with the University of Maine History Department, features five articles related to UMaine history in the past half-century, guest edited by Howard Segal, professor of history, with guest associate editor Deborah Rogers, professor of English. The articles are: "Back to the Future: Envisioning the University of Maine's Next Decades from the Perspective of the 1965 Centennial Celebration," by Segal; "The Sixties: Turmoil and Transformation in the Nation, in Higher Education, and at the University of Maine," by former UMaine President Peter Hoff; "Marine Science at the University of Maine, 1960-2015," by Catherine Schmitt, Maine Sea Grant and Shelby Hartin; "At the 'Busy Campus Crossroads': The Last Fifty Years at Raymond H. Fogler Library," by Desiree Butterfield-Nagy, Fogler Library; and "Orono: Growing as a University Town, 1965-2015," by Evan Richert and Sophia Wilson, town of Orono. Numerous archival photographs are courtesy of Special Collections, Fogler Library. Copies of the journal special issue are \$5 each and can be ordered through the MHS Museum Store or by contacting the Maine Historical Society, museumstore@mainehistory.org; 207.774.1822, ext. 208.

Talks on spruce budworm outbreak monitoring, citizen science Oct. 20

28 Sep 2016

Monitoring efforts in the spruce budworm outbreak in Maine and New Brunswick, including the important role of citizen science, will be the focus of presentations Oct. 20 in Augusta, sponsored by the University of Maine Center for Research on Sustainable Forests. Forest insect ecologist Rob Johns with Natural Resources Canada and Maine Forest Service entomologist Allison Kanoti will give talks from 9-11 a.m., at the Maine Forest Service Southern Region Bolton Hill Facility, 2870 North Belfast Ave., Augusta. The event is free and open to the public; [preregistration is required and available online](#). Johns will discuss the background, biology and economic impact of the eastern spruce budworm, highlighting the mass migration event in New Brunswick in July and control efforts using pesticide. He also will talk about early intervention strategy being implemented in New Brunswick. Kanoti will provide an update on conditions in Maine and the results of citizen science monitoring efforts statewide. For more information or to request a disability accommodation, contact Meg Fergusson, UMaine Center for Research on Sustainable Forests, crsf@maine.edu; 207.581.3794.

Sorg to present in National Drug Early Warning System webinar

29 Sep 2016

UMaine medical and forensic anthropologist Marcella Sorg of the Margaret Chase Smith Policy Center is one of four presenters in a webinar at 1:30 p.m. Sept. 29 on illicit opioids and methamphetamine. It is being hosted by the National Drug Early Warning System (NDEWS) at the University of Maryland and funded by the National Institute on Drug Abuse. Sorg serves as one of the sentinel epidemiologists for NDEWS. Her presentation will focus on the latest Maine statistics, including deaths and other indicators. More information, including registration, is [online](#).

UMaine Extension publications offer tips for seasonal pastimes

29 Sep 2016

It's that time of year when the days are cooling, the apples are falling from the trees, and everyone is picking their favorite sports team. Visit the Cooperative Extension online [Publications Catalog](#) for seasonal information, such as:

- [Extending the Gardening Season](#)
- [Safe Home Cider Making](#)
- [Apples](#)

- [Let's Preserve: Dried Herbs](#)
- [Barbecue and Tailgating Food Safety](#)
- [Facts About Leaf Color in Maine](#) (formerly titled "Why Leaves Change Color")
- [Energy Saver\\$: Tips on Saving Energy & Money at Home](#)
- [Winter Squash and Pumpkins](#)
- [An Introduction to Seed Saving for the Home Gardener](#)

Fall also is a great time to plant trees and shrubs:

- [Native Trees and Shrubs for Maine Landscapes—Entire Series](#)
- [Pruning Woody Landscape Plants](#)
- [Renovating Old Apple Trees](#)
- [Planting and Early Care of Fruit Trees](#)
- [Conifers of Maine](#)

MBS Corps to lead March Against Domestic Violence Oct. 5

29 Sep 2016

The third annual March Against Domestic Violence will be at noon Wednesday, Oct. 5, on the Mall, sponsored by the MBS Corps in collaboration with numerous campus and community partners, including UMaine Athletics, Division of Student Life, Army ROTC, Student Women's Association and Spruce Run-Womancare Alliance. Members of the UMaine community are encouraged to show support for Domestic Violence Awareness Month by wearing purple and joining the march, which begins in the area between the Memorial Union and Fogler Library. For more information, email Nory Jones at njones@maine.edu.

Seven men's ice hockey games to be broadcast on television, WVII reports

29 Sep 2016

WVII (Channel 7) reported seven University of Maine men's ice hockey games will be broadcast on television during the 2016–2017 season. The combination of ABC 7, Fox 22 and Fox College Sports will air the games throughout the season, according to the report. The contests include national powerhouse Quinnipiac, rival University of New Hampshire and several other high-profile games played in the Harold Alfond Sports Arena, the report states.

Fuller to help with New Sharon school garden, Daily Bulldog reports

29 Sep 2016

David Fuller, an agriculture and nontimber forest products professional with the University of Maine Cooperative Extension, was mentioned in a [Daily Bulldog](#) article on the Farmington Fair. Among the blue ribbons for excellence in growing fruits and vegetables was a display from the students' garden at Cape Cod Hill School in New Sharon, according to the article. Next month, Fuller will visit the elementary school to help plant garlic, the article states.

WVII interviews Brewer about 2nd Congressional District race polls

29 Sep 2016

[WVII](#) (Channel 7) spoke with Mark Brewer, a political science professor at the University of Maine, for a report about two recent polls that predict different results of the 2nd Congressional District race. A Portland Press Herald/Maine Sunday Telegram poll put Rep. Bruce Poliquin ahead of challenger Emily Cain by 10 percent, while a poll done for the Cain campaign showed both candidates tied at 45 percent, according to the report. When asked which poll is accurate, Brewer said it can be difficult to tell. "We just don't know," he said. "Certainly, generally I tend to take internals, not necessarily with a grain of salt, but I put less confidence in them than with nonpartisan, unaffiliated polls just because internals are internals." Brewer added part of the problem is Maine doesn't have a lot of polling. He said he wouldn't be surprised if Poliquin is leading, but his gut tells him it might be by a little less than 10 percent, WVII reported.

Brunswick students use UMaine grant to conduct marine research, Times Record reports

29 Sep 2016

[The Times Record](#) reported about 25 Brunswick High School students are conducting research on green crabs with funding from a \$35,000 University of Maine grant. Community outreach and service learning educator Rick Wilson said the majority of the grant will go to the BHS science department to help fund and start an aquaculture research project, according to the article. The grant is part of Maine EPSCoR (Experimental Program to Stimulate Competitive Research), specifically the Sustainable Ecological Aquaculture Network (SEANET), the article states.

BDN publishes op-ed by Howard

29 Sep 2016

The [Bangor Daily News](#) published the opinion piece, “Vote as you must to minimize evil in November, then work for a better world,” 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.

AP reports on new EDA funding to help forest products sector

29 Sep 2016

The Associated Press reported U.S. Sens. Susan Collins and Angus King and U.S. Rep. Bruce Poliquin announced the University Center Economic Development Program at the University of Maine and University of Southern Maine will receive \$116,667 in grant funding from the U.S. Economic Development Administration to support technical assistance for Maine’s forest products sector. In June, the senators wrote a letter to the EDA in support of the project, according to a [news release](#). “The continued effort to strengthen the forest products economy requires an all-hands-on-deck approach, which is why we welcome this additional investment from the Economic Development Administration,” said Sens. Collins and King and Rep. Poliquin in the joint statement. “Working together, our universities can continue to play an active and important role in building a brighter future for the Maine forest products sector and for our economy as a whole.” Maine Public and San Francisco Chronicle carried the AP report. [Mainebiz](#) also published an article on the funding.

Kimberley Miner: Department of Defense Scholar to develop policy to build climate resilience

29 Sep 2016

Outside her childhood home in Boulder, Colorado, Kimberley Rain Miner used to cover one eye to block from her sight the utility box located among trees and the boulders dropped by glaciers. Miner, now an Earth and climate sciences Ph.D. student at the University of Maine, imagined being in a completely natural environment. And for years, she has been striving to find one. She rock climbed after school and taught children to grow their own food. And while earning her bachelor’s in environmental science and ecology at the University of California at Santa Cruz, she lived in a hollowed-out portion of an ancient redwood that overlooked a river. Miner, who has traveled to and learned on six continents, hasn’t located many places on Earth where people, their inventions and their impacts aren’t tangible. Even on glaciers that appear pristine. For her doctorate, she’s developing a framework to assess the threat of pesticides — including DDT and other persistent organic pollutants — that for years were trapped in glaciers but are entering watersheds due to melting. She’s interested in quantifying downstream effects of the pollutants. Miner recently returned from the 15th Swiss Climate Summer School in Grindelwald, Switzerland in the Bernese Alps. Instructors were leaders of the Intergovernmental Panel on Climate Change Fourth Assessment Report and researchers from around the planet. A Think Swiss International Scholarship, which supports motivated and qualified students, paid for Miner to participate. As part of the experience, Miner, other alumni and a representative from the U.S. State Department, will be attending a November event at the Swiss Residence in Washington, D.C. It’s one of a number of honors and distinctions Miner has earned. In addition to being a National Science Foundation IGERT (Integrative Graduate Education and Research Traineeship) at the Climate Change Institute and a Switzer Foundation Fellow, she was awarded a Fulbright. Miner says she’s appreciative of and has benefited from professor and adviser Karl Kreutz’s support and from UMaine’s exploration culture and student-first mentality. She seeks to similarly positively impact and support others and recites Emily Dickinson’s poem, “If I can stop.” *If I can stop one heart from breaking, I shall not live in vain; If I can ease one life the aching, Or cool one pain, Or help one fainting robin Unto his nest again, I shall not live in vain.* “Individuals make the difference in the long run,” she says. “There’s always something we can do to make a situation better,

our lives better and the health of the ecosystem stronger.” Personal acts, she says, can range from planting pollinator flowers, to fighting wildfires to handing out water after a hurricane or other disaster. In late October 2012, Miner was pursuing an M.P.A. in environmental science and policy at Columbia University in New York City when Hurricane Sandy made landfall along the Jersey Shore. While her graduate apartment never lost power, Miners says she felt powerless watching TV coverage about the devastation occurring just a few blocks away. “I wasn’t a part of anything that was helpful,” she says. Soon thereafter, Miner took part in several projects, including mapping shelters in New York City that are ADA-accessible and won’t flood during a 100-year storm. She developed an interest in the intersection of nature, human-caused climate change and emergency preparedness and worked with scientists at Lamont-Doherty Earth Observatory and emergency managers at the New York City Office of Emergency Management. And now, Miner is a Department of Defense (DOD) Scholar in addition to volunteering as a Research Fellow at the Center for Climate and Security in Washington, D.C. Funding is through the ASEE (American Society for Engineering Education) SMART (Science, Mathematics And Research for Transformation) program. The U.S. Army Engineer Research and Development Center’s Geospatial Research Laboratory (GRL) in Alexandria, Virginia is Miner’s sponsoring agency and is supporting her doctoral education at UMaine. Miner, a first responder and wilderness firefighter, will work at the Geospatial Research Laboratory this summer and for two years after she graduates from UMaine in May 2018. The GRL project on the intersection of climate and conflict that Miner will be working on with the DOD is strongly in alignment with a Sept. 21 memorandum that President Barack Obama issued about climate change and national security. Miner participated in a conference call with the White House about the memorandum that directs federal agencies to ensure “that climate change-related impacts are fully considered in the development of national security doctrine, policies and plans.” It’s encouraging, she says, that 20 federal agencies — from the Department of Energy and Department of Homeland Security to the Department of Agriculture and NASA — now are collaborating to strategically identify priorities, exchange data and build climate resilience. One portion of President Obama’s memorandum explains the rationale for the working group: *Climate change poses a significant and growing threat to national security, both at home and abroad. Climate change and its associated impacts affect economic prosperity, public health and safety, and international stability. Extended drought, more frequent and severe weather events, heat waves, warming and acidifying ocean waters, catastrophic wildfires, and rising sea levels all have compounding effects on people’s health and well-being. Flooding and water scarcity can negatively affect food and energy production. Energy infrastructure, essential for supporting other key sectors, is already vulnerable to extreme weather and may be further compromised. Impacts of a changing climate can create conditions that promote pest outbreaks and the spread of invasive species as well as plant, animal and human disease, including emerging infectious disease, and these can further undermine economic growth and livelihoods. Impacts can also disrupt transportation service, cutting off vulnerable communities from relief immediately after events and reducing economic output. These conditions, in turn, can stress some countries’ ability to provide the conditions necessary for human security. All of these effects can lead to population migration within and across international borders, spur crises, and amplify or accelerate conflict in countries or regions already facing instability and fragility.* “If there’s the slightest risk, it’s worth planning for,” Miner says. While watching fog drift peacefully above a river with her rescue dog Darby, Miner is aware that avoiding people’s impacts on the planet is not an option. And both her eyes now are wide open and eager to develop policies that mitigate climate-related impacts on water, food, energy, people, health and security. Contact: Beth Staples, 207.581.3777

Colin Bosma: Psychology student mindful of emotion regulation strategies

29 Sep 2016

Colin Bosma gained perspective growing up at an elevation of 8,230 feet in the Rockies in Nederland, Colorado. Its motto: Life is better up here. And he has developed mindfulness — a judgment-free, moment-to-moment awareness of his present thoughts, sensations and environment — through his study of psychology. Mindfulness is central to research Bosma is conducting as a clinical psychology doctoral student at the University of Maine. He’s exploring the relationship between cognition and emotion regulation strategies — including mindfulness — and the risk of relapse with depression. Bosma chose UMaine for his doctoral studies because his academic interests align with the cutting-edge research of Emily Haigh, UMaine assistant professor of psychology and director of the Maine Mood Disorders Lab. At the lab, researchers examine how people respond or recover from an induced, brief negative mood (transient negative mood). They examine how response patterns relate to the onset, maintenance and recurrence of depressive episodes — or periods of two weeks or more marked by a profound and persistent sad or empty mood, feelings of hopelessness, difficulty concentrating, irritability, fatigue, changes in sleep, loss of interest in hobbies and thoughts about death or suicide. In addition to learning more about effective treatments for depression, it’s important to Bosma that his findings be published in open access journals for broad dissemination. Bosma says he hopes stigmas that people have about seeking mental health treatment are soon eradicated. “If no one knows about or gets treatment then research related to psychotherapy is fruitless,” he says. Depression interferes with people’s daily lives and can lead to suicide. The debilitating mental health problem affects approximately 350 million people worldwide, according to the World Health Organization (WHO), and annually more than 800,000 people die by suicide. From 2009 to 2012, 7.6 percent of

Americans 12 years of age and older were depressed in the prior two weeks, according to the Centers for Disease Control. Depression was found to be more prevalent among females and people age 40–59, and the CDC indicated the highest rate of depression (12.3 percent) was in women 40–59. On a large scale in this culture, Bosma says people aren't taught how to regulate emotions, and thus learn vicariously from peers and family. "We're basically navigating in the dark," he says. Bosma is seeking to learn more about and shine light on effective adaptive strategies. He recently was selected for an American Psychological Association of Graduate Students (APAGS)/Psi Chi Junior Scientist Fellowship. APAGS seeks to provide high-quality graduate training experiences for the next generation of practitioners and scientists. And Psi Chi — the International Honor Society in Psychology — strives to produce educated, ethical members dedicated to contributing to psychology and society. Bosma will receive \$1,000 to use conducting his doctoral research. And feedback that professional reviewers provide will be valuable as he applies for a National Science Foundation Graduate Research Fellowship. This past summer, Bosma was a group facilitator and individual project mentor with the Upward Bound Math-Science summer program. Before attending UMaine, he was a senior research assistant at the Langer Mindfulness Institute at Harvard University and was a research collaborator with the Psychiatry Department at Harvard Medical School. At the 2015 Mind and Life Summer Research Institute in New York, Bosma examined fear, trust and social relationships. The conference included academic presentations, breakout groups, meditation sessions and a silent retreat. His poster presentation was titled "Mindfulness as a protective factor for the burden of caregivers of Amyotrophic Lateral Sclerosis." Bosma earned a bachelor's in psychology in 2012 at the University of Colorado Boulder, where he was a research assistant in Dr. Sona Dimidjian's Clinical Research for Evidence-based Service and Training Lab. Bosma became interested in psychology while attending an alternative high school in Colorado, where he received credit for working in a psychology lab. After earning a doctorate, he plans to pursue postdoctoral studies, conduct independent research and teach. "As a scientist and educator, I aspire to make substantial contributions to the field of psychological science through the study of emotion and emotion regulation," Bosma says. "Furthermore, throughout my career, I intend to actively disseminate my research in a manner that will effectively bridge the gap between research and application in treating mental health." Contact: Beth Staples, 207.581.3777

Literacy expert shares thoughts on transformative power of reading, writing

30 Sep 2016

Literacy is a fundamental human right with the ability to transform the lives of children, families and communities. That was the message of a daylong professional development workshop held Sept. 26 at the University of Maine. Mary Ehrenworth, deputy director of Teachers College Reading and Writing Project, a literacy think tank at Columbia University, spoke to more than 200 Maine educators and school administrators about the difference they can make in the lives of children, by teaching them to read and write well. The workshop was offered by Maine Partnerships in Comprehensive Literacy and Reading Recovery, both outreach programs of the College of Education and Human Development. MPCL offers professional development to K–12 educators and literacy leadership teams statewide, aimed at continually improving instruction and increasing student performance. Reading Recovery is an early intervention program that provides one-to-one tutoring for students in first grade who are the lowest literacy achievers. An edited conversation with Ehrenworth about her presentation and the importance of school-university partnerships such as those offered at UMaine is [online](#).

Talk to focus on public's growing disapproval of American politics

30 Sep 2016

Growing public disapproval of the American political establishment will be the focus of an Oct. 4 lecture by Ambassador Connie Morella and U.S. Rep. Mike Ross at the University of Maine. The free public event, "Why is Congress So Unpopular? The American Public's Growing Disapproval of the American Political Establishment" begins at 4 p.m. in 130 Little Hall, sponsored by the Cohen Institute for Leadership and Public Service. For more information or to request a disability accommodation, call 581.1872. Morella served as ambassador to the Organization for Economic Cooperation and Development from 2003–07 and had a 16-year congressional career as a representative from Maryland. Ross served 12 years in Congress as a representative from Arkansas, and was the Democratic nominee for governor in 2014.

Lecture to unlock secrets of proteins at Emera Astronomy Center

30 Sep 2016

Exploring the mystery of protein structures using state-of-the-art technology will be the focus of an illustrated lecture Oct. 6 at the University of Maine Emera Astronomy Center. Caitlin Howell, an assistant professor of bioengineering at UMaine, will

present, “Unlocking the Secrets of Proteins: The Rise of Cryo Electron Microscopy,” at 7 p.m. in the Jordan Planetarium at the astronomy center. Tickets for the public lecture, featuring full-dome visuals and real-time models, are \$6 for adults; \$5 for UMaine students, veterans and senior citizens; \$4 for children younger than 12, and are available [online](#) or by calling 581.1341. Understanding how proteins are shaped and how they work can be one of the most elusive questions in molecular biology, and cryo-electron microscopy is helping unlock their secrets. In her research at UMaine, Howell works to understand and ultimately control biological systems through the engineering and design of material interfaces. The event is part of the Science Lecture Series at Emera Astronomy Center, offered in partnership with the Maine Science Festival. The lectures on the first Thursday of every month highlight research from a variety of science disciplines, using the digital planetarium to visualize discoveries in a dramatic, immersive presentation.

UMaine Extension 4-H connects students with researcher in Antarctica

30 Sep 2016

This fall, the University of Maine Cooperative Extension 4-H will again connect youth with a graduate student conducting fieldwork in a remote location as part of its Follow a Researcher™ program. The program’s third expedition will take place in Antarctica with Lynn Kaluzienski, a Ph.D. student in UMaine’s Department of Earth and Climate Sciences and Climate Change Institute. Kaluzienski will use physics and geology to study ice and glacial movement in the McMurdo shear zone in October and November. Using technology and social media, Follow a Researcher™ connects K–12 classrooms with research as it is being conducted around the globe. The program gives students a glimpse into a scientist’s world by providing live expedition updates and facilitating communication between the youth and scientist through weekly Twitter chats and videos describing the research aligned with Next Generation Science Standards Practices. The program also provides recommendations for educators on related demonstrations and experiential learning activities. Including this year’s participants, the program has reached more than 150 classrooms, engaging more than 3,000 youth in 12 states. Additional information about the program, including how to sign up to receive updates, is [online](#).

UMaine Composites Center cited in Press Herald article on cross-laminated timber

30 Sep 2016

The University of Maine’s Advanced Structures and Composites Center was mentioned in a [Portland Press Herald](#) article about cross-laminated timber (CLT), a building material that is engineered to be stronger than traditional timber and more resistant to the elements. CLT also has about half the carbon footprint of concrete, according to the article. According to one of the organizers of next month’s Maine’s Wood Innovators Conference, there’s real potential for Maine and its 17 million acres of forest to be a site for a CLT manufacturing center, an idea that is being explored at the UMaine Composites Center.

Curtis’ 18-year art project at abandoned mills featured in Boston magazine

30 Sep 2016

[Boston](#) magazine published an article about the 18-year art project of Amy Stacey Curtis, who teaches a class on professional development for artists in the University of Maine’s New Media Department. The project began in 1998 when Curtis decided to produce a series of nine shows over the course of 18 years — her solo-biennials, according to the article. Each show would be staged in a different abandoned mill in Maine, where Curtis has lived most of her life, and each would feature large-scale works devoted to such broad themes as “Light,” “Movement” or “Change,” the article states. Curtis, who is a UMaine alumna, will end her project this fall with “Memory,” a six-week-long exhibition in Lewiston’s Bates Mill. According to Curtis, the theme that unites her shows is “chaos, order, and repetition,” which “resonates physically, emotionally, and spiritually within and around all of us.”

UMaine Extension program featured on Science Friday

30 Sep 2016

[Science Friday](#), a nonprofit organization dedicated to increasing the public’s access to science and scientific information, recently posted about a University of Maine Cooperative Extension 4-H program that connects youth with a graduate student conducting fieldwork in a remote location. This fall, the Follow a Researcher™ program will take place in Antarctica with Lynn Kaluzienski, a Ph.D. student in UMaine’s Department of Earth and Climate Sciences and Climate Change Institute. Kaluzienski will conduct field research and gather data to better understand changes occurring in the Ross Ice Shelf — the

largest ice shelf in Antarctica, according to the post. Using data she collects, Kaluzienski will develop a model to make predictions about the future of the Ross Ice Shelf and its effect on sea level rise, Science Friday reported. Using technology and social media, Follow a Researcher™ connects K–12 classrooms with research as it is being conducted around the globe. The program gives students a glimpse into a scientist’s world by providing live expedition updates and facilitating communication between the youth and scientist through weekly Twitter chats and videos. The [Maine Department of Education](#) also wrote about the program.

Lyon cited in National Geographic article on climate change, food crisis in Africa

30 Sep 2016

Bradfield Lyon, an associate research professor in climate analysis at the University of Maine, was cited in the National Geographic article, “How climate change is fueling a food crisis in Kenya, Uganda and Nigeria.” Across East Africa, farmers are facing persistent rural poverty and food insecurity, according to the article. Rapid population growth — sub-Saharan Africa’s population is expected to double by 2050, the fastest rate of growth anywhere on Earth — threatens to make those problems worse, the article states. And now climate change, which is raising temperatures and disrupting seasonal rains, is posing a new threat. East Africa is roughly 1.5 degrees F warmer now than it was in the 1980s; during the same period, rainfall during the primary rainy season fell by 15 percent, according to Lyon. Research indicates that climate change could drive down yields of staples such as rice, wheat and maize roughly 20 percent by 2050, the article states.

Sun Journal covers Maine Engineering Workforce Summit

30 Sep 2016

The [Sun Journal](#) covered the Maine Engineering Workforce Summit on Sept. 29 in Lewiston. The event focused on addressing the shortage of engineers necessary to meet the needs of the state. It was organized by the University of Maine and a coalition of 13 business, economic development and education groups. Maine’s leading experts on the economy, employment, education and engineering talked about the shortage and the steps needed to address the challenges. UMaine College of Engineering Dean Dana Humphrey noted that, over the next 10 years, Maine will have about 1,300 new engineering graduates available to enter the workforce, but 2,600 will be needed. Of the 6,340 of the engineers now working, 27 percent are 55 or older.

Andrew Newcomb: Ph.D. student banks on the future of dams

03 Oct 2016



Only months after completing his bachelor’s degree at Colby College and fresh from a stint as a field technician for the National Aquatic Monitoring Center based in Utah, Andrew Newcomb had no immediate plans to pursue a post-graduate degree. Until, that is, he got wind of a Ph.D. research assistant position at UMaine as part of the Mitchell Center-led [Future of Dams](#) project. It was a game changer. The Future of Dams work Newcomb will be doing involves investigation of the role of dams in the Penobscot River watershed and comparison of the research outcomes with dammed river networks in other New England settings. “Hopefully, (this work) will provide some good insight into the

decision making around whether we relicense these dams, upgrade them, or do anything at all,” said Newcomb. The research approach will include spatial data analyses and hydrologic modeling to quantify the magnitude and rate of water flow moving through the river system at any given point, notes Sean Smith, assistant professor at the UMaine School of Earth and Climate Sciences, and the Senator George J. Mitchell Center for Sustainability Solutions. Read more about Newcomb’s research on the George J. Mitchell Center for Sustainability [website](#).

UMaine student group hosting IEEE Day Oct. 4

03 Oct 2016

The University of Maine’s Student Branch of the Institute of Electrical and Electronics Engineers will host IEEE Day on campus Oct. 4. IEEE Day is a global event put on by the organization to promote collaboration and interaction between its student members and professionals. This will be the first year the UMaine group will take part. “The event serves as a prime opportunity to stir up interest in STEM fields and careers,” according to Graham Van Goffrier, president of UMaine’s IEEE Student Branch. The day will begin at 10:30 a.m. with team-building exercises for student members and faculty outside the Engineering Science Research Building. At 11:30 a.m. Mark Ouellette, president and COO of Axiom Technologies, will speak about how the company is using emerging technology to serve existing broadband customers in Maine, and the 20,000 homes in the state that are not connected to the internet. Ouellette’s “Lunch and Learn” presentation will be held in Hill Auditorium, Barrows Hall. The IEEE Student Branch will hold a chapter meeting at 4 p.m. in Hill Auditorium with guest Walter Rawle, an educator, engineer and entrepreneur who now serves as director of advanced projects and research at Ultra Electronics Flightline Systems in New York. Rawle will discuss the state of the aerospace industry regarding careers for electrical engineering graduates. At 5:15 p.m. the student meeting will transition into a general meeting of the IEEE Maine section, which is composed of volunteer professionals from throughout the state. The meeting, also in Hill Auditorium, will include a catered dinner by UMaine Dining and a presentation by Ali Abedi, a UMaine professor of electrical and computer engineering, and Lonnie Labonte, a UMaine graduate student pursuing a Ph.D. in electrical and computer engineering. The pair will discuss NASA projects they have been involved with. The first two talks are free and open to the public, though specifically targeted at students. The final presentation and dinner meeting require registration and admission fees. Registration and more information is [online](#). Working with the Department of Electrical and Computer Engineering and the School of Engineering Technology, UMaine’s IEEE Student Branch supports meetings and activities that contribute to the development of electrical and computer engineering and technology. IEEE is the world’s largest technical professional organization dedicated to advancing technology for the benefit of humanity. More about IEEE is [online](#).

Fogler Library publishes 2016 voting guide

03 Oct 2016

Reference Services at the University of Maine’s Fogler Library has published a new “Hot Topics” guide for the November election. “[Elections 2016: Voting](#)” collects relevant information about voting in Maine, registering to vote, and the history of elections. The guide also contains information about upcoming elections from local races to presidential candidates, along with a section on conducting political research and analysis.

Kersbergen quoted in BDN article on closing of Morrill livestock farm

03 Oct 2016

Richard Kersbergen, a University of Maine Cooperative Extension professor of sustainable dairy and forage systems, was quoted in a [Bangor Daily News](#) article about the closing of a small livestock farm in Morrill. Rose Rapp and her husband, owners of Farmetta Farm, announced to their customers that financial and other considerations had driven them to sell their animals and close the farm after seven years, according to the article. “I’m always sad to hear of a farm closing,” Kersbergen said. “It’s hard. All livestock business is very difficult. Think about having a diversified farm like she has. Processing those animals. Trying to find markets for the meat where people are willing to pay that premium, because her costs are high. It’s a dilemma, that’s for sure. I could tell it’s a very, very difficult business to be in.”

Labrecque writes op-ed for BDN

03 Oct 2016

The [Bangor Daily News](#) published the opinion piece, “Government is what made America great. Poliquin should take his fear

of it elsewhere,” by David Labrecque, an engineering physicist at the University of Maine.

Atlas Obscura quotes Yarborough in report on blueberry glut

03 Oct 2016

David Yarborough, a blueberry specialist with the University of Maine’s Cooperative Extension and a professor of horticulture in the School of Food and Agriculture, was quoted in the [Atlas Obscura](#) article, “Is there such a thing as too many blueberries?” Blueberries grow naturally in Maine’s acidic soil, and for decades, growers have been working to better understand them in order to produce more fruit, according to the article. In the past 30 years, they’ve succeeded so much so that yields have almost doubled since the 1980s, the article states. But as the supply of wild blueberries has increased, so has the production of cultivated berries throughout the country and around the world. And despite the industry’s best efforts to market them, there are more blueberries than people are ready to eat. Wild blueberry bushes thrive in Maine and Canada along glaciated plains that are inhospitable to many plants, and do well in disturbed places, Atlas Obscura reported. “If you get a blow down in the forest, they respond rapidly and produce fruit so that birds and bears eat and distribute it,” Yarborough said. “We’re taking advantage of that adaptive strategy to produce a wild crop in a commercial manner.”

Caron, UMaine Clinical Geriatric Colloquium cited in BDN article on older men’s health study

03 Oct 2016

The [Bangor Daily News](#) reported on a new study published in the Journal of Health and Social Behavior that found sexually active older men are at significantly greater risk for developing heart attacks, high blood pressure and other cardiovascular problems than their less-active male peers. Men who reported having sex with a partner once per week or more often in the first data set were almost twice as likely to have experienced cardiovascular problems, including heart attack, heart failure and stroke, in the second, according to the article. Pepper Schwartz, professor of sociology at the University of Washington and AARP’s “Love, Sex and Relationship Ambassador,” said the study’s findings appear to “go against all previous findings,” and she cautioned against accepting its conclusions prematurely. Schwartz will be the featured speaker at the University of Maine Clinical Geriatric Colloquium on Oct. 7 at Wells Conference Center, according to the article. Sandra Caron, a UMaine professor of family relations and human sexuality, said the recent study provides an invitation for students, professionals and ordinary people to have frank discussions about healthy adult sexuality throughout the lifespan. “We forget that in human events there are no ‘right’ ways, no external scripts that will make us happy,” she said. “[The goal] is to discover what we’re all about, including our changing sexuality and the best ways of expressing it.”

Mayewski profiled in Press Herald piece on Maine’s Arctic experts

03 Oct 2016

Paul Mayewski, director of the University of Maine’s Climate Change Institute, was featured in the [Portland Press Herald](#) article, “Meet Maine’s Arctic experts.” Mayewski is one of several presenters scheduled to speak at the Maine-Arctic Forum at the University of Southern Maine in Portland. The explorer and scientist has led more than 50 expeditions to the Arctic, Antarctica, the Himalayas, the Tibetan Plateau and the Andes, according to the article. His scientific focus is on documenting the changes in atmospheric chemistry, including those occurring naturally and those caused by humans, and he pioneered the use of calibrated ice core records to document centuries of old atmospheric conditions, the article states. Despite his global focus, Mayewski is quick to note how the climate change threatening the Arctic is going to affect Maine: driving up sea levels; changing ocean circulation that impacts the Gulf of Maine; producing more icebergs and threatening marine navigation; and colder, stormier Maine winters, the Press Herald reported. Mayewski will talk about the Arctic’s changing climate and resulting economic opportunities and geopolitical concerns Oct. 3 during the panel discussion, “Arctic Science: Ice Melt & Climate Change.” The [Press Herald](#), along with other news organizations including [Maine Public](#), [Bangor Daily News](#), [The Christian Science Monitor](#), [Alaska Dispatch News](#) and WLBZ (Channel 2), also reported on the forum.

New York Times interviews Dagher about UMaine-led offshore wind project

03 Oct 2016

[The New York Times](#) spoke with Habib Dagher, executive director of the University of Maine’s Advanced Structures and Composites Center, for an article about a UMaine-led offshore wind power pilot project. UMaine’s prototype, part of a

demonstration project called Aqua Ventus that is partly financed by the Department of Energy, is one of various types of floating wind platforms that are in the works, according to the article. Aqua Ventus fixes the turbine on a central concrete pier attached by spokes to three others, a design Dagher said would make it cheaper to produce. It floats because the concrete contains air, the article states. “The beauty of this is, every 20 years — which is typically when the turbine reaches the end of its life — you can tow this back to shore, put a new turbine on and take it back,” Dagher said.

Media cover workshop for women interested in leadership, politics

03 Oct 2016

WABI (Channel 5) and [WLBZ](#) (Channel 2) reported on Elect Her — Campus Women Win, a free training workshop at the University of Maine for college women who are interested in sharpening their leadership skills and learning more about political campaigns. Participants learned the basics of running a successful student government campaign, and had the opportunity to meet local campaign winners. “Some research has shown that women are less likely to think they could run for office or are qualified so they need encouragement,” Mary Cathcart, a senior policy associate with the Margaret Chase Smith Policy Center, told WABI. “They need people to say, ‘You’re really smart, you speak well,’ and some training. That’s what we’re doing today.” UMaine senior Eloise Melcher, told WLBZ she hopes to see more females in Congress in the future. “The public offices reflect the public,” she said. “There are lots of women in Maine, so we should have those women in office and it shouldn’t just be a boys club.” The Division of Student Life and Margaret Chase Smith Policy Center co-sponsored the event along with AAUW and Running Start, with additional support from Husson University.

Researcher who discovered decline in blue mussels to talk at DMC

04 Oct 2016

Cascade Sorte, a biologist who documented a massive decline in wild blue mussels in the Gulf of Maine, will present “Global change consequences and coping mechanisms in coastal marine systems” at noon Oct. 6 at the University of Maine Darling Marine Center in Walpole. Sorte found blue mussels (*Mytilus edulis*), a foundation species that influences diversity and productivity of intertidal habitats, have decreased by more than 60 percent in the last 40 years. They once covered two-thirds of the intertidal zone but now cover less than 15 percent, she says. “It would be like losing a forest,” the assistant professor at the University of California, Irvine told the Associated Press in September. Climate change already has led to widespread changes in coastal marine systems, says Sorte, who has periodically been a visiting researcher at DMC. Recording how marine species have responded thus far to climate change is a step toward understanding how they will — or won’t — survive in the future, when changes in the coastal environment are predicted to accelerate, she says. “There are several theories why the mussel decline happened — personally I think it is the result of green crabs — but before we can go very far into that line of research we need to know there is a widespread and distinct pattern,” says Bob Steneck, a UMaine professor in the School of Marine Sciences based at DMC. “Cascade Sorte’s work did just that. It will be the foundation for most future research in that area.” Sorte’s study, which she conducted with UCI colleagues, recently was published in *Global Change Biology*. The free public talk will be in Brooke Hall, on the lower campus at 193 Clarks Cove Road. Attendees may bring their lunch.

Maine farmers polled about crop damage due to drought

04 Oct 2016

A [drought survey](#) developed by University of Maine Cooperative Extension food system program administrator Richard Brzozowski, and Maine Organic Farmers and Gardeners Association (MOFGA) agricultural services director Dave Colson, shows more than half of the 579 farmers who responded have experienced crop damage or loss due to the dry conditions this growing season. The Maine Department of Agriculture, Conservation and Forestry (MDACF), Maine Farm Bureau, MOFGA and UMaine Extension distributed the survey in early September to farmers and growers throughout the state. The Maine Emergency Management Agency (MEMA) convened the state’s drought task force for the first time in 14 years in response to the dry weather. Their most recent report shows 15 Maine counties with abnormally dry conditions, with Aroostook the only exception. For more information about the survey results or the impact of the current dry conditions on the Maine food system, contact Brzozowski at 581.3222, richard.brzozowski@maine.edu.

WWII reports on steam log hauler restoration at museum event

04 Oct 2016

At the Maine Forest and Logging Museum's Living History Days in Bradley, [WVII](#) (Channel 7) reported on a Lombard steam log hauler that was restored a few years ago by University of Maine engineering students. The log hauler was invented and built in Waterville between 1910 and 1917, and was the first successful tracked vehicle. Six student teams restored the log hauler to working condition, one of only three in the world. UMaine students Noah MacAdam and Jack Houtz spoke with WVII about their experience working on the log hauler. "Being able to see this machine from another century come to life and actually operate is pretty fun," Houtz said.

BDN interviews Garfield for article on public transportation system

04 Oct 2016

The [Bangor Daily News](#) spoke with Hank Garfield, who teaches English at the University of Maine, for the article, "Why older Mainers should get on board with Bangor's public transportation system." According to the article, there are many reasons for people, especially older area residents, to use the public Community Connector bus system to get around the Bangor area instead of driving. The bus provides a convenient, affordable alternative that also helps maintain a level of independence, the article states. Garfield, who also writes a BDN blog about not owning a car in Maine, said some people worry about traveling with a cross section of the community that includes individuals and families, students and professors, working people and those seeking the services of social agencies and medical clinics. "I have never found it at all intimidating," said Garfield, who takes the bus to campus routinely, often loading his bike on the front so he can pedal home after work. "We have a bias in American culture that cars give you freedom," he said.

Central Valley Business Times reports on UC Davis, UMaine organic farming study

04 Oct 2016

California-based Central Valley Business Times published a University of California, Davis [news release](#) announcing a nearly \$2 million grant for a food-safety research project led by the UC Davis School of Veterinary Medicine and involving a multistate network of collaborators. The U.S. Department of Agriculture Organic Research and Extension Initiative grant will support studies needed to develop national guidelines and best practices for using raw manure while improving soil health and minimizing food-safety risks in organic crops such as leafy greens, tomatoes and root vegetables, according to the release. The University of Maine is among the project collaborators, the release states.

Maine 4-H featured in Sun Journal article on Fryeburg Fair

04 Oct 2016

Maine 4-H, a program offered through the University of Maine Cooperative Extension, was highlighted in a [Sun Journal](#) article about the Fryeburg Fair. Several dozen members of the Maine 4-H program participated in the fair's 4-H Beef Steer Show, according to the article. Emily Billings, a senior at Mountain Valley High School, said she has been a member of 4-H for 10 years, and raises sheep at her family's farm in Milton Township. "I've always had a farm and grew up around farm animals," Billings said while preparing her steer for competition. "It just made sense to be a part of 4-H. When you work with the beef steers to raise them for competition, they become your best friend. You're with them constantly, and they become like family." Billings said the experience she has gained in working with market steers, hogs and lambs has sparked an interest in becoming a veterinarian.

UMaine, cross-laminated timber cited in Mainebiz 2016 NEXT profile

04 Oct 2016

[Mainebiz](#) profiled Lucas St. Clair, president of the Portland-based Elliotsville Plantation Inc., as part of its 2016 NEXT series on the 10 people changing Maine's economy for the better. St. Clair said he's hoping to see the state's economy diversify, using the millions of acres of trees for applications such as fabric, jet fuel and cross-laminated timber. The University of Maine, for example, is developing cross-laminated timber, the article states. Other places, including Europe and Canada, already are using the timber as a strong wood substitute for steel building frames and flooring, according to the article. Since trees remove carbon dioxide from the air, St. Clair said, using cross-laminated timber can help essentially lock up carbon in the wood, giving new structures a much smaller carbon footprint.

Poland featured in WalletHub article on solar panels

04 Oct 2016

Justin Poland, an associate professor of mechanical engineering at the University of Maine, was featured in the “Ask the Experts” section of the [WalletHub](#) report, “Are solar panels worth it? Experts pick sides.” According to Poland, solar panels used to heat domestic hot water will typically provide 50–75 percent per year of the domestic hot water for a family in the contiguous 48 states of the U.S., as well as Hawaii. Solar energy is only useful in late spring, summer and early fall in parts of Alaska, he added. “The amount varies depending on the climate and the time of year, as solar energy is less available in winter than in summer and collection is easier in warmer southern climates than in colder northern climates,” Poland said. With an expected system life of 30-plus years, these systems will typically recover their cost in 15–20 years, he said. “If one is going to own their property for 15–20 years, they will recover the cost of initial installation,” Poland said. “A system could even more than pay for itself, enabling to to be refurbished or totally reinstalled after its useful lifetime, with some money still saved.”

Self-guided walking tours of campus featured on WABI

04 Oct 2016

WABI (Channel 5) reported on the four new self-guided walking tours of the University of Maine campus. The tours, which focus on gardens, outdoor sculptures, the historic district and other distinctive sights of the UMaine landscape, are illustrated on a [website](#) that is designed to be compatible with mobile devices that can take advantage of interactive map and direction links. The self-guided tours, an initiative of the UMaine Division of Marketing and Communications, were created to be of interest to community members and campus visitors. Two of the principal researchers for the project are Marisue Pickering, a professor emerita, and John Pickering, an alumnus. Their decades-long experience as educators, and their shared interest in exploring Maine’s historical and cultural heritage, led to their interest in collaborating on the UMaine self-guided walking tours. “We’re constantly discovering things on this campus that even after being here for so long we weren’t aware were here,” John Pickering told WABI. “Sculpture is beautiful for example,” Marisue Pickering said about the focus of one of the tours. “It enhances our lives. It enhances our spirit. So it’s good to share it and there are world-class sculptures on this campus.”

School of Performing Arts brings ‘Big Love’ to UMaine

04 Oct 2016

A cast of 23 will bring “Big Love” to the University of Maine to open the School of Performing Arts theatre season Oct. 21. The UMaine production of the postmodern comedy, written by Charles Mee and based on an ancient Greek tragedy, is directed by Professor of Theatre Tom Mikotowicz. Performances in Hauck Auditorium will be at 7:30 p.m., Oct. 21–22 and Oct. 28–29; 10 a.m., Oct. 27; and 2 p.m., Oct. 23 and Oct. 30. Tickets are \$10 and available [online](#); admission is free with student MaineCard. The audience for “Big Love” will be seated on stage, adjacent to the actors. The 180 seats will provide an intimate setting for the high-energy play about love and relationships, Mikotowicz says. “‘Big Love’ is funny and tragic, zany and complicated — an eclectic, wild and wacky production that is from the heart,” says Mikotowicz. “It goes from high comic moments to tragic pathos and back — a very entertaining and thought-provoking play. It offers our students challenging roles that incorporate realistic and postmodern acting techniques.” The play is the story of 50 brides-to-be — all sisters — who escape Greece and hide in Italy. In pursuit: 50 brothers they were to wed. From the sanctuary in an Italian villa, the young women reflect on love and life, and plead for asylum and freedom, while their grooms-to-be make the case for conformity. And through it all, their impromptu, unsuspecting hosts struggle with the sudden, complex influx of displaced persons. Themes that drive the action of the play, including arranged marriages, the absence of women’s rights, male aggression toward women, the expectations of boys and girls, the meaning of true love and the treatment of immigrants are issues as pertinent today as they must have been in Ancient Greece, notes Mikotowicz. “Big Love” is the second of Mee’s classical Greek plays that Mikotowicz has directed at UMaine. Both “Big Love” and “Wintertime” are part of the playwright’s “(re)making project” to rework classical and historical plays and texts for contemporary audiences. Mee has adapted and contemporized nearly 61 works, including this remake of Aeschylus’ tragic tale, “The Suppliant Women.”

Stephen King to launch his newest book at the University of Maine Nov. 7

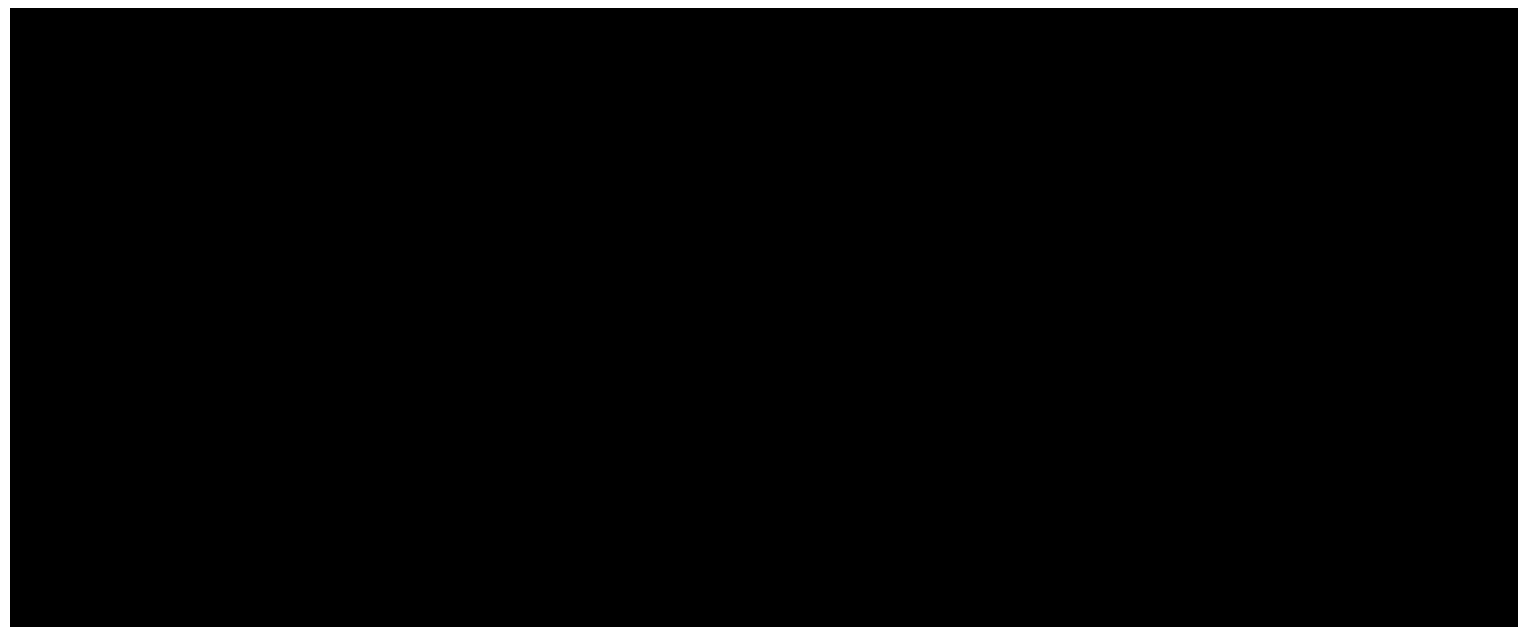
04 Oct 2016

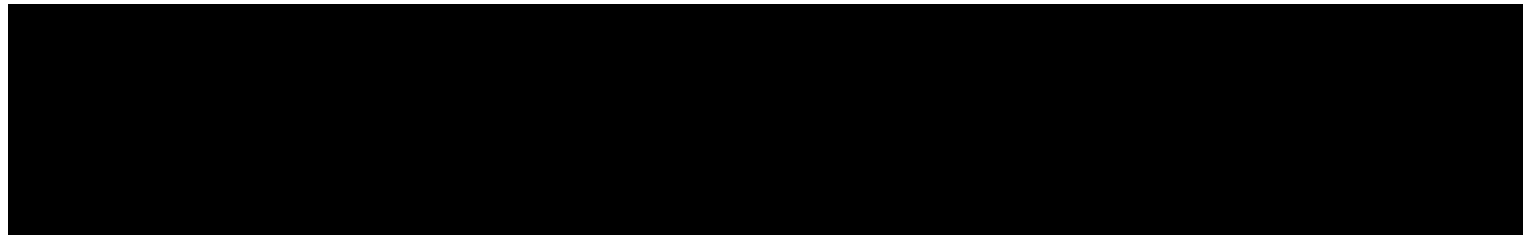
Editor's note: Story updated Oct. 5. Stephen King will launch his newest book, “Hearts in Suspension,” at the University of Maine on Nov. 7 with a reading of the book and discussion of his student days at UMaine during the turbulent Vietnam War

era, followed by a conversation with his former classmates and friends who were at UMaine with him during this time and who co-authored the collection. The event begins at 7 p.m. in the Collins Center for the Arts. Doors open at 6 p.m., with all ticket holders required to be in their seats by 6:45 p.m. Tickets are free and available according to the following timeline: Members of the University of Maine campus community can register for one ticket each with a MaineCard at the CCA box office, during normal box office hours, 9 a.m. to 4:30 p.m., Oct. 12–14. Members of the public can register for two tickets per person [online](#) or at the CCA box office beginning Oct. 17. All tickets are general admission and will be available for pick up, with photo ID, at the Collins Center for the Arts box office beginning at 1 p.m. Nov. 7. For further ticket information or to request a disability accommodation, call 207.581.1755. The 373-page “Hearts in Suspension,” published by the University of Maine Press, a division of UMaine’s Fogler Library, marks the 50th anniversary of King’s enrollment at UMaine — fall 1966. In the years that followed, the escalating Vietnam War and social unrest nationwide, especially on college and university campuses, had “a profound impact on students of the period and deeply influenced King’s development as a writer and a man,” according to the publisher on the book’s dust jacket. The volume includes a reprint of “Hearts in Atlantis,” which tracks the “awakenings and heartbreak” of his fictional counterpart, Peter Riley, during his first year at UMaine. The novella is accompanied by King’s new essay, “Five to One, One in Five,” in which he reflects on his undergraduate years, creating “a revealing portrait of the artist as (a) young man and a ground-level tableau of this highly charged time.” Along with photographs and documents of this era at UMaine are four installments of King’s student newspaper column, “King’s Garbage Truck.” The columns, reprinted for the first time, are described by the publisher as “lively examples of King’s damn-the-torpedoes style.” The entertaining and shrewd youthful perceptions “more than hint at a talent about to take its place in the American literary landscape.” The book also features essays by 12 of King’s classmates and friends, including Jim Bishop, one of King’s college English teachers and the book’s editor. As a sophomore, King enrolled in a writing workshop taught by Bishop and English professor Burton Hatlen, where the young author’s talent was validated and where he connected with other student writers. The group of dedicated young writers continued to meet in the semesters following the transformational class. In addition to Bishop’s essay and his introduction to the book, there are other personal narratives reflecting on the UMaine student experience by Michael Alpert, David Bright, Keith Carreiro, Harold Crosby, Sherry Dec, Bruce Holsapple, Frank Kadi, Diane McPherson, Larry Moskowitz, Jim H. Smith and Philip Thompson. Bright was the editor of the student newspaper, Crosby was King’s freshman roommate and Moskowitz was the head of the SDS chapter on campus. All were with King in the anti-war movement and bear witness to “a formative time in their lives and a defining moment in the country’s history,” according to the publisher on the book’s dust jacket. “Hearts in Suspension” is dedicated in memory of Hatlen and two of King’s other inspirational professors at UMaine: Edward “Ted” Holmes and Edward “Sandy” Ives. Copies of “Hearts in Suspension” will be for sale at the Collins Center following the event, and available at bookstores nationwide after Nov. 7. Copies may also be pre-ordered now from the University of Maine Press website: umaine.edu/umpress/forthcoming-books/hearts-in-suspension King has published more than 50 books. He is the recipient of the 2003 National Book Foundation Medal for Distinguished Contribution to American Letters, and the 2014 National Medal of Arts. Earlier this year, the Stephen E. King Chair in Literature was established at UMaine by a generous gift of \$1 million from the Harold Alfond Foundation. Contact: Margaret Nagle, 207.581.3745

UMaine Forest Green Endowment

04 Oct 2016





[Read transcript](#) At the University of Maine, gifts can grow trees and the next generation of foresters. Meet Keith Kanoti, UMaine's forest manager, and students Alexander Audet and Ben Thorne who gained hands-on experience this summer thanks to timber harvest from Green Endowment lands.

Transcript

Keith Kanoti: We are here in the University Forest. This is the Demeritt Forest, which was acquired by the university in 1939. It is 1,865 acres in Old Town in Orono and it is the primary teaching forest for the university. The mission of the forest is teaching, research and demonstration. That is what our management is focused on, on this property. We own about 13,500 acres between the university and the University of Maine Foundation. That is what our office manages are those 13,500 acres. The Green Endowment is lands that were donated to the University of Maine Foundation with the purpose of supporting the education of students and the university. They are across the state. They have come from many donors. What our office does is we manage timber on those holdings. When we have a timber sale and generate revenue from that, it goes into the Green Endowment Fund. What that fund does is it allows us to hire students to help out with the management of the forest and, more importantly, it allows them to basically have some real hands-on forestry educational experience as part of their work experience. **Alexander Audet:** 18.3. **Ben Thorne:** We are doing a wide variety of things. We have been doing some inventory. We have been doing boundary line work. We have been doing timber cruises, which is looking at wood, marking wood. We have also been doing some tree felling and skidding. We have been using sawmills, cutting up boards. So, a whole variety of things. **Alexander Audet:** This is a good place. All right. So incredibly inspiring that there are people out there who care enough about this profession in Maine and are willing to invest in students like us for the next generation so that we can get the skills we need to be able to keep up the level of forestry that has been practiced in Maine for decades. So many people on campus use the Demeritt Forest for a recreational facility. I think they value it so much, just talking to the students during the school year. It is one of the reasons why this campus is so great. It extends so much further than I think most people know and it does so much more for the university. It is one of those hidden treasures in the university and the state of Maine. **Ben Thorne:** We are having this experience to broaden our horizons in the future and be able to give back when we are older and when we are in the age of the people donating and we can better manage the land, keep it going for future generations. **Alexander Audet:** The great thing about forestry is that it is such a diverse field. There is so many components to it. There is marketing. There is science. There is on the ground fieldwork — ground pounding. There are so many avenues I can go down. Getting out of to the field at this stage and just exploring the whole profession, it has really given me a feel for how diverse this job is and how many places I can take it. **Keith Kanoti:** The special in the university system itself is certainly many donations that come in of many things. Many of them are monetary, but this one it is the perfect fit. It ties the land and the education of the students in a forestry state, which I think is a great thing. It is just a really Maine thing to do. [Back to post](#)

STEM education in the ice age

04 Oct 2016

Thirty Maine middle school and high school teachers were at the Schoodic Institute Sept. 23–25 to learn more about the state's ice age trail, and how its history and evidence across the landscape could make Earth science lessons come alive. The teachers were joined by researchers from the Maine Center for Research in STEM Education (RiSE Center), based at the University of Maine, and glacial geologist Harold Borns. Maine's Ice Age Trail: Down East, Map and Guide was developed by Borns, professor emeritus of glacial and quaternary geology, and founder of UMaine's Climate Change Institute. Participants visited nine sites on the Maine Ice Age Trail and took part in student-centered learning activities. Based on these experiences, teacher teams began the development of place-relevant science lessons for Maine middle and high school students. Contact: Margaret Nagle, 207.581.3745

Animal expert, artist to talk at annual Franklin County Extension dinner

05 Oct 2016

University of Maine Cooperative Extension Franklin County Extension Association will hold its annual business meeting and public supper 6–9 p.m. Wednesday, Oct. 19, at the Chesterville Town Office, 409 Dutch Gap Road. Special guest Bernd Heinrich, author of “Winter World,” will talk and present original watercolors. The professor emeritus of biology at the University of Vermont has written 20 books about animal behavior, natural history, ecology and evolution. Cost is \$10 for the 6 p.m. public meal. Reservations by Oct. 10 are required for the supper, which will include turkey, a vegetarian dish, gravy, stuffing, biscuits, green beans, squash, beverages, apple crisp and pumpkin pie. For more information, or to request a disability accommodation, call 778.4650 or email tiffany.wing@maine.edu.

Tanglewood 4-H Center to host harvest festival, 5K trail race

05 Oct 2016

University of Maine Cooperative Extension 4-H Camp and Learning Center in Lincolnville will host a Fall Harvest Festival and a 5K trail race from 9 a.m.–3 p.m. Saturday, Oct. 8. Activities include ecology-themed walks in the Tanglewood forest, apple cider pressing, pumpkin painting and archery. The festival is free; the 5K trail race fee is \$20 per person. Register for the trail race and find more information [online](#). For more information, or to request a disability accommodation, contact Patti Chapman at 789.5868, patricia.chapman@maine.edu.

Fogler to host fantasy fiction discussion Oct. 5

05 Oct 2016

Members of the University of Maine community are welcome to join a discussion about fantasy fiction at Fogler Library on Oct. 5. From 7–8 p.m. members of the Fogler Library Book Club will talk about their favorite fantasy worlds and share recommendations for books in the genre. Anyone interested in fantasy stories, such as “Harry Potter,” “Game of Thrones” and “Lord of the Rings” are encouraged to attend. The meeting will be held in Fogler’s Library Classroom.

WABI covers benefit eating contest between Orono police, firefighters, fraternity

05 Oct 2016

WABI (Channel 5) reported on a taco-eating contest at Margaritas restaurant in Orono between local police and firefighters and members of the University of Maine fraternity Kappa Sigma. The event was held as a benefit for Special Olympics Maine, WABI reported.

Brewer to moderate town hall with Libertarian VP candidate, media report

05 Oct 2016

[WLBZ](#) (Channel 2) and the [Bangor Daily News](#) reported Libertarian vice presidential candidate Bill Weld will visit Bangor for a town hall meeting on Saturday, Oct. 8. Weld, who was the Republican governor of Massachusetts from 1991 to 1997, is scheduled to appear for the two-hour event at 6 p.m. at the Spectacular Events Center, according to the BDN. Weld is the running mate of Libertarian presidential candidate Gary Johnson, the former governor of New Mexico. Saturday’s event will be co-moderated by Mark Brewer, a political science professor at the University of Maine, and Chris Dixon, the senior contributor of The Liberty Conservative and a BDN blogger.

UMaine, biobased manufacturing research cited in MaineBiz 2016 NEXT profile

05 Oct 2016

[MaineBiz](#) profiled Charlotte Mace, executive director of Biobased Maine, as part of its 2016 NEXT series on the 10 people changing Maine’s economy for the better. Mace is passionate about the emerging biobased manufacturing sector and its potential to create new opportunities for adding value to Maine’s forest resources, according to the article. “Virtually any biobased products you can think of — chemicals, bioplastics, advanced biofuels — they have double-digit annual growth,” Mace said. “Maine deserves some of that market. We have a workforce with a strong work ethic. We have unique transportation assets, including three deep water ports. We have world-class research and development capabilities at the University of Maine and our other colleges. We have an amazing forest asset with the highest percentage of trees that are sustainably harvested in the United States.” Mace’s efforts got a boost this summer when the U.S. Economic Development

Administration awarded a \$519,930 grant to Biobased Maine as part of a three-year \$856,549 project in partnership with UMaine to develop a “road map” to advance biobased manufacturing in the state, according to the article.

UMaine students prepare for Coming Out Week, WABI reports

05 Oct 2016

WABI (Channel 5) reported members of the LGBTQ community at the University of Maine are preparing for a weeklong celebration beginning Oct. 11 to mark national Coming Out Day. Organizers told WABI it’s an opportunity to bring LGBTQ issues to the forefront, and that meetings in the Rainbow Resource Center on campus serve as strong planning sessions to discuss ongoing social issues in the community. “It’s basically just a day that celebrates if you’ve already come out, if you’re in the process of coming out, if you’re thinking about coming out. Getting information out there to students about it and really just celebrating the process of being out about who you are,” said Crissi Dalfonzo, the LGBTQ Services graduate assistant coordinator.

Astumian cited in Quartz article on winners of Nobel Prize in chemistry

05 Oct 2016

R. Dean Astumian, a physics professor at the University of Maine, was quoted in the [Quartz](#) article, “The works that won this year’s Nobel Prize in chemistry — in terms a high school student would understand.” The 2016 Nobel Prize in chemistry recently was awarded to Fraser Stoddart of Northwestern University, Ben Feringa of the University of Groningen and Jean-Pierre Sauvage of the University of Strasbourg, “for the design and synthesis of molecular machines,” according to the article. The most fundamental processes of life, such as translating genetic code to make proteins or ensuring that cellular waste is recycled, require the use of molecular machines, which are 10,000 times smaller than a human hair, and function only on chemical energy, the article states. Stoddart wanted to use chemistry to make similar-sized machines that would do our bidding, Quartz reported. “The entire regime of motion in the molecular world is completely different to in the macroscopic world, and so what people call nanocars have nothing at all to do with the physics of a car,” Astumian told [Chemistry World](#). “It’s like when you look up in the night sky and see a constellation that looks like a bear: We wouldn’t think that the biology of a bear is useful for understanding how the stars in that constellation move relative to one another.” Astumian also was cited in related articles by the [Associated Press](#), [Inside Science](#), [Science News](#) and [Nature](#). [ABC News](#) carried the AP report.

Democratic VP candidate cites UMaine in BDN op-ed

05 Oct 2016

Tim Kaine, the Democratic nominee for vice president, mentioned the University of Maine in an opinion piece he wrote for the [Bangor Daily News](#) titled, “Working together, we can make an economy where prosperity is shared by all.” Kaine wrote the five-year \$275 billion infrastructure plan he and presidential candidate Hillary Clinton have proposed will improve the lives of workers and families in Maine. Their “Make it in America” plan will invest in manufacturing communities across the country, which is good news for employers such as Bath Iron Works and the University of Maine, the article states. “Programs such as the Target Technology Incubator at UMaine already are resulting in new supply chains for innovative products that can revitalize manufacturing communities,” Kaine wrote. “We need to build on that success everywhere we can.”

Hampden company to sponsor UMaine Business Challenge, Press Herald reports

05 Oct 2016

The [Portland Press Herald](#) reported Business Lending Solutions, a Hampden company that helps credit unions with commercial lending, is sponsoring the University of Maine’s Business Challenge with a \$10,000 donation each year through 2018. In its sixth year, the UBC is a collegiate business competition for students attending Maine colleges and universities. Students from schools across the state compete for more than \$20,000 of cash and in-kind consulting to help start or grow their business, according to the article. In addition to funding a first-place cash prize of \$5,000, the company will provide competitors with consulting support throughout the competition, and work to help expand the competition’s reach and encourage greater statewide participation, the article states. [Mainebiz](#) and [WVII](#) (Channel 7) also reported on the sponsorship.

WABI interviews Ph.D. candidate developing climate resilience policy

05 Oct 2016

WABI (Channel 5) spoke with Kimberley Rain Miner, an Earth and climate sciences Ph.D. student at the University of Maine, about her work developing policy to build climate resilience. For her doctorate, Miner is developing a framework to assess the threat of pesticides — including DDT and other persistent organic pollutants — that for years were trapped in glaciers but are entering watersheds due to melting. “I’m interested in looking at the cascading climate impacts that aren’t necessarily foreseen,” said Miner, a Department of Defense Scholar. “So for example, things like DDT and PCB’s that are trapped in glaciers, if they melt out it’s possible that we will not have high-quality glacial melt water before we even lose the reserves of glaciers that we have. So it’s something that we need to understand and look at before it becomes a problem.” Miner hopes to develop a model that analyzes the risk of downstream communities which could be impacted by polluted glacial melt waters, WABI reported.

BDN advances Stephen King book launch at UMaine

05 Oct 2016

The [Bangor Daily News](#) reported Stephen King will launch his newest book, “Hearts in Suspension,” at the University of Maine on Nov. 7. The 7 p.m. event in the Collins Center for the Arts will feature a reading by King and discussion of his student days at UMaine during the turbulent Vietnam War era. The event also will include a conversation with King’s former classmates and friends who were at UMaine with him during this time and who co-authored the collection. The 373-page “Hearts in Suspension,” published by the University of Maine Press, a division of UMaine’s Fogler Library, marks the 50th anniversary of King’s enrollment at UMaine — fall 1966. The book will pair a reprint of King’s novella “Hearts in Atlantis,” previously published in the 1999 collection of the same name, with a new essay titled “Five to One, One in Five,” in which he reflects on his undergraduate years, creating “a revealing portrait of the artist as (a) young man and a ground-level tableau of this highly charged time,” the BDN reported. Tickets for the Nov. 7 event are free and available according to the following timeline: Members of the UMaine campus community can register for one ticket each with a MaineCard at the CCA box office, during normal box office hours, 9 a.m. to 4:30 p.m., Oct. 12–14. Members of the public can register for two tickets per person [online](#) or at the CCA box office beginning Oct. 17.

Demeritt Forest a living laboratory for Envirothon Field Day

05 Oct 2016

More than 100 students from eight area high schools are expected to be in the University of Maine's Demeritt Forest for Envirothon Field Day on Oct. 6 from 8:30 a.m.–12:30 p.m., sponsored by the Maine Association of Conservation Districts and supported by the UMaine School of Forest Resources. During the field day, student teams test their skills related to soils, forestry, wildlife and water resources. UMaine students and faculty in the School of Forest Resources are volunteering at the event, led by William Livingston, associate professor of forest resources. More information is [online](#).

Electronic textbook publishing available on Digital Commons

06 Oct 2016

[DigitalCommons@UMaine](#) provides a format for publishing electronic books and monographs, offering an opportunity for faculty to incorporate the accessible and effective technology into the design of on-site and online courses. Publishing options include integrated cover images, chapter indexing, print on demand, online reading capability and full-text downloads. One example of an open-access [monograph](#) on Digital Commons is professor Judy Perkins Walker’s “University of Maine, Speech Therapy Telepractice and Technology Program Manual.” For more information about e-publishing in Digital Commons contact Kim Sawtelle at 581.1692, kimberly.sawtelle@maine.edu or consult your [Fogler Library Subject Specialist](#).

Art students to take part in community printmaking event in Belfast

06 Oct 2016

Nine University of Maine art students will be thinking big Oct. 8 when they take their printmaking to Belfast for a Steamroller Print Party, organized by Waterfall Arts. The students in the intermediate and advanced print classes taught by art professor Susan Groce will join other artists and members of the community for the 10 a.m.–3 p.m. event, featuring the production of large-scale woodcut prints using a steamroller — the heavy equipment typically used in road construction. The printmaking

will occur in a parking lot adjacent to Waterfall Arts, 256 High St., Belfast. “When making oversized prints that are too big for a press, the next best thing is a steamroller,” says Groce of the nationwide trend. “It’s wild, fun and a great opportunity for our students. It’s also about teamwork and collaboration.” In the days leading up to the print party, the seven undergraduate and two graduate students have been carving their woodcuts ranging in size from 30 inches by 36 inches to 4 feet by 8 feet. More information about the event is on the [Waterfall Arts](#) website.

UMaine to host Northern Maine Children’s Water Festival Oct. 11

06 Oct 2016

More than 650 students from 12 middle and elementary schools throughout northern and central Maine will convene at the University of Maine on Tuesday, Oct. 11 for the biennial Northern Maine Children’s Water Festival. The festival, which will be held from 9 a.m.–2 p.m. in the New Balance Field House, offers an opportunity for students to learn about the value of clean water and healthy habitats, and provides teachers with related educational materials. Water resource professionals from Maine and other parts of New England will present about water, wetlands, human health and aquatic life. David Sturm, an instructional laboratory and lecture demonstration specialist at UMaine, will perform a physics demonstration focused on water. Students will have the opportunity to participate in a water trivia game show and explore educational exhibits and presentations including, “Sea Farming in Maine,” presented by the UMaine Aquaculture Research Institute; “Vernal Pools: Cycles of Life,” by the Chewonki Foundation; “Bugs Down Under,” by the Maine Department of Environmental Protection; and “Every Drop Counts,” by Project Learning Tree. The festival is provided at no cost to the participants. Attendance is limited, and schools are selected on a competitive basis. The Northern Maine Children’s Water Festival is organized by the Maine Department of Environmental Protection, UMaine’s Senator George J. Mitchell Center for Sustainability Solutions, UMaine Cooperative Extension 4-H, Maine Audubon, Penobscot County Soil and Water Conservation District, and Stillwater Environmental Engineering. Sponsors for the event include Patriot Renewables, IDEXX, ReEnergy Holdings, Brookfield Renewable Energy, the Maine Experimental Program to Stimulate Competitive Research (EPSCoR), Maine Sea Grant, Casella Organics, Northeast Laboratory Services, Norlen’s Water Treatment, Maine Water Utilities Association, and Penobscot Energy Recovery Co. More information is available [online](#).

Daily Bulldog previews Chesterville talk by animal expert, artist

06 Oct 2016

[Daily Bulldog](#) reported University of Maine Cooperative Extension Franklin County Extension Association will hold its annual business meeting and public supper 6–9 p.m. Wednesday, Oct. 19, at the Chesterville Town Office. Bernd Heinrich, author of “Winter World,” will talk and present original watercolors. The professor emeritus of biology at the University of Vermont has written 20 books about animal behavior, natural history, ecology and evolution.

WABI advances UMaine Extension talk on buying local meat

06 Oct 2016

WABI (Channel 5) reported the University of Maine Cooperative Extension in Piscataquis County will hold a talk focused on buying local meat on Oct. 6. The discussion, which will be held from 1:30–3 p.m. at the UMaine Extension office at 165 East Main St. in Dover-Foxcroft, will cover how animals are raised and how meat is sold, WABI reported.

UMaine Museum of Art exhibits included in Maine Edge article on ARTober

06 Oct 2016

The University of Maine Museum of Art in downtown Bangor was mentioned in a [Maine Edge](#) article about ARTober, a monthlong celebration of arts and culture in the city. Fall exhibits at the museum were included in a list of some of the ARTober events. “Contemporary Currents: Nine New Brunswick Artists” will showcase a variety of artists from the Canadian Maritimes, and “Parallels” will feature a new assortment of oil paintings by Maine artist Philip Frey, according to the article. Both exhibits run through Dec. 31. UMMA is located at 40 Harlow St. and is open from 10 a.m. to 5 p.m. Tuesdays through Saturdays; admission is free.

Sorg cited in Press Herald report on reducing opioid production

06 Oct 2016

Marcella Sorg, an anthropologist and research professor with the Margaret Chase Smith Policy Center at the University of Maine, was mentioned in the [Portland Press Herald](#) article, “DEA will cut amount of opioids produced in U.S. by at least 25 percent.” The Drug Enforcement Administration recently announced it will significantly reduce the amount of prescription painkillers that can be manufactured in the United States, lowering aggregate production quotas for nearly all Schedule II prescription opioids by 25 percent or more beginning in 2017, according to the article. In 2015, the state attorney general’s office said a record 272 people died from drug overdoses in Maine, compared to 208 overdose deaths in 2014, the article states. This year’s deaths are on track to reach a new record of 378, based on an analysis by Sorg, a consultant hired by the AG’s office. Sorg said the increase in deaths is being driven by fentanyl, which is mixed with heroin, the Press Herald reported.

WABI covers UMaine march to end domestic violence

06 Oct 2016

WABI (Channel 5) reported hundreds of students gathered for a march on Oct. 5 at the University of Maine to raise awareness about domestic violence. “The different topics of respect, love, and kindness — which I believe are the core values with the fight against domestic violence — everyone is going to be marching thinking about these values,” said Michael Fagan, a sophomore at UMaine. The third annual event was held to honor victims, as well as spread the word about prevention and available resources, according to WABI. “I think it’s incredibly important for everybody to come out, especially Greek community,” said Olivia Arnold, a member of the Chi Omega sorority at UMaine. “All the athletes are here, different organizations are here, to stand against domestic violence because it is a really bad thing that is going on, and people need to be aware of how you can prevent it.”

CCI director speaks about abrupt Arctic climate change at Maine-Arctic Forum

06 Oct 2016

Paul Mayewski, director of the University of Maine’s Climate Change Institute (CCI), participated in the opening panel discussion of the Maine-Arctic Forum held in Portland on Oct. 3. The Maine-Arctic Forum coincided with the intergovernmental Senior Arctic Officials Meeting of the Arctic Council being held in Maine throughout the remainder of the week. The panel discussion, “Arctic Science: Ice Melt & Climate Change,” focused on the environmental and ecological changes associated with a warming Arctic and the policy required to address these issues at the national and international levels. Attendees included scientists, governmental leaders, indigenous representatives, nongovernmental organizations and business stakeholders from around the world, including Sen. Angus King and Ambassador David Balton, chair of the Senior Arctic Officials. Students and faculty from UMaine also attended the event and helped to highlight CCI’s many contributions to Arctic research. Arctic research, including that led by the students and faculty of UMaine, informs and contributes to the development of policies needed to address the environmental, economic, social and security concerns of a changing Arctic. The arctic is changing at an unprecedented rate and perhaps nowhere is this more apparent than the changes Arctic scientists are observing in the climate and environments of the region. Mayewski, who has spent considerable time conducting research on the Greenland ice sheet, discussed sea ice melt and abrupt climate change in the Arctic and its potential effect on other parts of the northern hemisphere. The Arctic is one of the most reactive regions to factors contributing to global climate change, including the widespread decline of Arctic sea ice. Summer sea ice extent has experienced a dramatic decline — as much as 50 percent over some regions — and lesser, but notable, decline in winter sea ice over the last 15 years said Mayewski. Arctic sea ice and snow play an integral role in regulating solar radiation and ocean-atmosphere interaction in the high latitudes. The frozen bright white land and ocean surfaces of the Arctic reflect a large amount of solar radiation from our planet. However, as these surfaces disappear, much more solar heat is absorbed into the land and ocean. Additionally, heat energy stored in the ocean is released into the Arctic atmosphere when unimpeded by overlying sea ice.” Both scenarios combined contribute to the abrupt and rapid warming of the Arctic. Between 2007–12, temperatures in some areas of the Arctic have warmed up to 8 degrees Fahrenheit over the previous 20 years, said Mayewski, who likens this change to the one that might be experienced in Maine if the state’s summer season was doubled. “The polar regions are now warmer than they have been in potentially 12,000 years — for that matter, 100,000 years,” said Mayewski. A warmer Arctic will have a large impact on the frequency and magnitude of extreme weather events in other parts of the northern hemisphere including Maine. “There is without a doubt a clear and present local to regional scale change in the physical, chemical, biological and social components of the arctic and all of the abounding regions,” said Mayewski. Panelist Paty Matrai, senior scientist at the Bigelow Laboratory for Ocean Science, discussed the ecological response of both land and sea flora and fauna to these abrupt environmental changes. Some ecological changes will provide new economic opportunities for stakeholders in Arctic nations. The challenges involved with these

changes demand the “need to bring all of these communities together to provide science based solutions, informed policy and public awareness” as we head into a new state of the Arctic, said Matrai. Panelist Rafe Pomerance, chairperson of Arctic 21 and a member of the National Academy of Sciences Polar Research Board, said that we are witnessing the “unraveling” of the overall condition of the Arctic as we have come to know it — the changes are striking and inevitable — and posed the questions, “what is the arctic we need to have?” and “how and when can we achieve that state?” In many ways, these questions indirectly framed the following panel discussions held throughout the daylong event, which were focused around the topics of Arctic economy, shipping, policy, security, and safety. “I have learned a great deal since becoming the Special Representative for the Arctic, but probably the most important lesson I have taken away is how vital science is to everything we do,” said Adm. Robert J. Papp, U.S. special representative for the Arctic, during a recent address before the Arctic Council meetings in Maine. “Good science makes good policy.” Contact: Walter Beckwith, 581.3729

Twenty-five students in Mexico’s Proyecta 100,000 initiative to take part in IEI program

07 Oct 2016

Beginning in mid-October, 25 Mexican students will be on campus for a four-week English language program, offered by the Intensive English Institute. This is the third program IEI has hosted for students participating in Mexico’s Proyecta 100,000 initiative, which provides government-sponsored scholarships to study English and pursue short-term academic work in the United States. The goal of Proyecta 100,000 is to send 100,000 Mexican students to the U.S. and receive 50,000 U.S. students in Mexico by 2018. The students from colleges and universities throughout Mexico will be at UMaine Oct. 13 through Nov. 12, living near campus and enrolled in IEI’s intensive English and American cultural program. In the past two years, 75 students from Mexico have joined the UMaine community for the program.

Orono Bog Boardwalk closing early

07 Oct 2016

The Orono Bog Boardwalk will close at 4:30 p.m. Saturday, Oct. 15. The closing is six weeks earlier to allow for the third phase of the boardwalk reconstruction. Between the closure and the reopening in the spring, 48 more sections of the boardwalk will be replaced, along with one interpretive station and one wheelchair turnout. The newly installed sections will be constructed of composite decking with clad aluminum siding and stainless steel footings as are the 251 sections installed in the past three years. The boardwalk currently is raising funds for the next 48 sections. A volunteer staff maintains the boardwalk and provides information and education for visitors, including school and community groups. The facility is jointly managed by the Orono Land Trust, the city of Bangor and the University of Maine. Its operation and maintenance are funded by donations, sales of boardwalk merchandise and grants. More information about the boardwalk, including how to volunteer for the October reconstruction or contribute funds is available on the Orono Bog Boardwalk [website](#) or [Facebook](#) page, by emailing jim.bird@umit.maine.edu, or calling 866.2578.

Painting studio dedication, sporting events to mark Homecoming Oct. 14–16

07 Oct 2016

The University of Maine’s Homecoming 2016 will be celebrated with several events on campus Friday through Sunday, Oct. 14–16. A special highlight this year will be the dedication of the Professor Michael H. Lewis Painting Studio in the Wyeth Family Studio Art Center on campus. The dedication event begins at noon Saturday, Oct. 15 in Stewart Commons, and will include an announcement about the Professor Michael H. Lewis Art Scholarship Fund in the University of Maine Foundation. Artist Michael Lewis retired from teaching in August after a 50-year career at UMaine. Homecoming will kick off Friday afternoon with campus and building tours, as well as lectures, such as “Patty’s Sampler and Phebe’s Quilt: Traces of Maine in the American West” at 12:45 p.m. in the Collins Center for the Arts, and panel discussions, including “Acadia as Eden” at 4 p.m. in Hill Auditorium, Barrows Hall. Men’s ice hockey will take on Quinnipiac at 7:30 p.m. Friday and 7 p.m. Saturday at Alford Arena. Saturday also will be highlighted by a Homecoming Weekend Open House and UMaine football vs. Albany at noon. The annual UMaine Alumni Association Craft Fair and Maine Marketplace will be held in the New Balance Field House, 10 a.m.–5 p.m. Saturday; 10 a.m.–4 p.m. Sunday. Various reunions and socials also will be held throughout the weekend. More information, including tickets and registration for events, is available on the UMaine Alumni Association [website](#).

Vice President Dana quoted in WLBZ coverage of ‘2 Those Who Care’ awards

07 Oct 2016

Robert Dana, vice president for student life and dean of students at the University of Maine, spoke with [WLBZ](#) (Channel 2) about one of the people being honored at the annual “2 Those Who Care” awards. At the event, WLBZ honored five individual volunteers and two agencies for exceptional service to the community. One of the awardees, Linda Bradford of Orono, has been volunteering for 12 years with Literacy Volunteers of Bangor. She was honored for helping adults who lack basic reading skills as well as adults who are learning English as another language. “Linda is a genuine, personable, caring person who puts others ahead of herself as a way of living and being. She lives what she believes,” Dana said.

Media report on early closing of Orono Bog Boardwalk

07 Oct 2016

The [Bangor Daily News](#) and [WVII](#) (Channel 7) reported the Orono Bog Boardwalk will close for the season six weeks earlier to allow for the third phase of the boardwalk reconstruction. Between the Saturday, Oct. 15 closure and the reopening in the spring, 48 more sections of the boardwalk will be replaced, along with one interpretive station and one wheelchair turnout. A volunteer staff maintains the boardwalk and provides information and education for visitors, including school and community groups. The facility is jointly managed by the Orono Land Trust, the city of Bangor and the University of Maine. Its operation and maintenance are funded by donations, sales of boardwalk merchandise and grants. Jim Bird, director of the Orono Bog Boardwalk, told WVII the boardwalk welcomed 23,000 visitors this year.

Fly Rod & Reel cites Kinnison in article on saving ‘salter’ brook trout

07 Oct 2016

Michael Kinnison, a professor of evolutionary biology at the University of Maine, was mentioned in a Fly Rod & Reel magazine article about conserving brook trout known as “anadromous brook trout” or “salters.” The fish spawn in freshwater but don’t spend years at sea or undertake long migrations, according to the article. They frequently trade between salt, brackish and freshwater, sometimes in the span of 24 hours, the article states. Kinnison studied five of the Maine trout caught by a volunteer group to see how much time they had spent in the salt. “We can reconstruct through time where a fish has been,” Kinnison said. “Barium is often a signature of freshwater. And in some fish both strontium and barium signatures go up; that may be a sign that they’re using inshore estuarine habitats in salt marsh as opposed to going to sea. We’d like to get more information than just salty or less salty, find out if a population really undertakes more extensive migration or is dependent on river mouth and marsh.”

Harvest fall fun at Witter Farm with Cabot Creamery

07 Oct 2016

The University of Maine [J.F. Witter Teaching and Research Center](#) will host Cabot Creamery Cooperative’s Open Farm Sunday from 11 a.m.–2 p.m. Sunday, Oct. 9. Members of the public are welcome to visit the farm for a family-friendly afternoon of free cheese, apples, games and live bluegrass music. UMaine Applied Dairy Cooperative of Organized Working Students and students with Maine Animal Club will be available to answer questions and give tours. Guests can also see cows and sheep, join barnyard activities and sample Cabot cheese. Throughout New England and upstate New York, Cabot Creamery’s supplying farms have invited the public to experience family traditions and celebrate “farm to fork” sustainability. The Witter Center includes Witter Farm and Rogers Farm. Research at Witter Farm supports Maine’s dairy, sheep and equine industries. To learn more about the Witter Center, visit umaine.edu/wittercenter. To request a disability accommodation, contact Joshua Hatley at 704.467.2159.

DMC strategic plan topic of discussion at Autumn Dessert Social

11 Oct 2016

Darling Marine Center friends and neighbors are invited to an Autumn Dessert Social to learn about plans for the future of University of Maine’s marine laboratory 6:30–8 p.m. Wednesday, Oct. 19. Seating is limited for the free public event in Brooke Hall on the DMC’s lower waterfront campus; those interested are asked to RSVP by Oct. 17 [online](#) or by calling 563.3146. Since last spring, a steering committee comprised of UMaine faculty, staff and students in Walpole and Orono have

been developing a strategic plan for the DMC's next decade. Director Heather Leslie says this and other listening sessions are an essential part of the development of the plan. "This event is an informal opportunity for our neighbors and local supporters to come together with good food and good company and preview where we are headed in terms of research, education and community and industry engagement. We are eager to hear from our neighbors about how the Darling Center can have an even greater impact on the coastal communities and marine economy of Maine," she says. "With our business incubation spaces and close partnerships with oyster growers and fishermen, the DMC has a long and deep track record of responsive, industry-relevant research. We want to be sure that we build on that tradition and understand what Maine's marine industries and local communities need in order to continue to thrive in this changing environment." High school students are particularly encouraged to attend. UMaine undergraduate marine science students, along with DMC-based faculty and staff, will be available to talk about their work at the marine lab. This fall, 25 students are taking part in the Semester By the Sea program at the DMC. Students enrolled in UMaine's School of Marine Sciences live at the center, take ecology, oceanography, and biology classes and work with researchers on projects related to Maine's marine ecosystems and aquaculture and lobster industries.

Honors College students to attend national conference in Seattle

11 Oct 2016

Fifteen University of Maine Honors College students will attend the National Collegiate Honors Council Conference in Seattle, Oct. 13–16. Each will make at least one presentation, either on research conducted in collaboration with UMaine faculty mentors, or on Honors pedagogy and culture. Some of the students also will participate in panel and roundtable discussions. In addition, Kimberley Crowley, an English major, has been selected to participate in a poetry master class. The other students, and their majors and presentations, are:

- Cleo Barker, international affairs, "Expanding your borders to know yourself: Synthesizing honors and study abroad";
- Donncha Coyle, philosophy and political science, "Losing our breath: Articulating a hermeneutic pedagogy in an honors seminar";
- Brady Davis, business management, "Opportunities and challenges: Integrating Honors College student leadership with Student Government" and "Community food hub: A Business model to fight hunger";
- Emily Duran-Frontera, food science and human nutrition, "Diversity as an empowerment tool: Views from a Puerto Rican and Columbian at the University of Maine";
- Chris Gilbert, wildlife ecology, "Opportunities and challenges: Integrating Honors College student leadership with Student Government";
- Aleah Granger, psychology, "Muslim and Arab prejudice: Understanding our emotions across cultures";
- Tyler Hicks, psychology, "Losing our breath: Articulating a hermeneutic pedagogy in an honors seminar";
- Afton Hupper, ecology and environmental science, "Community food hub: A business model to fight hunger";
- Courtney Jurson, kinesiology and physical education, "Expanding your borders to know yourself: Synthesizing honors and study abroad";
- Amy Lyons, management and international affairs, "Honors and the cult of personality: Exploring the ethics of undergrad mentorship and research";
- Ed Medeiros, zoology and international affairs, "Honors and the cult of personality: Exploring the ethics of undergrad mentorship and research";
- Matthew Sullivan, zoology, "The transdisciplinary benefits of laboratory science-based research";
- Aliya Uteuova, political science and mass communications, "Expand the journey: Marketing the Honors College to international students"; and
- Jasmine Waite, biochemistry, "The transdisciplinary benefits of laboratory science-based research."

Fogler to offer introductory coding workshop

11 Oct 2016

Fogler Library at the University of Maine will host a free introductory workshop for students who are interested in coding. The workshop will be held 6–8 p.m. Oct. 13 in the Library Classroom. It will provide attendees with an introductory knowledge of HTML, CSS and front-end web programming, and also will demonstrate the importance of familiarity with coding concepts for life in the 21st century. During the workshop, attendees will have an opportunity to build a webpage. First-time coders are

encouraged to attend.

Lecture to focus on ‘making sense’ of presidential election

11 Oct 2016

“How Did We Get Here? Making Sense of the 2016 Presidential Election” will be the focus of an Oct. 19 lecture at the University of Maine by political science professor Mark Brewer. The 7 p.m. lecture in 100 Corbett Business Building is free and open to the public, and presented by UMaine Conference Services. For more information or to request a disability accommodation, call 581.4091. In his lecture, Brewer will provide perspective on the 2016 American presidential election, which has been characterized as unlike any in the modern era, and put the race in historical context. He also will discuss what the 2016 presidential race tells us about the current state of American representative democracy. Brewer’s research interests focus on political behavior, including partisanship and electoral behavior at both the mass and elite levels, the links between public opinion and public policy, and the interactions that exist between religion and politics in the United States. Brewer is editor-in-chief of the New England Journal of Political Science and author or editor of many books and articles in academic journals, including “Parties and Elections in America,” seventh edition (with L. Sandy Maisel, Rowman & Littlefield, 2016) and “Polarization and the Politics of Personal Responsibility” (with Jeffrey M. Stonecash, Oxford University Press, 2015).

Recent UMaine Sports Hall of Fame inductee featured in WLBZ report

11 Oct 2016

WLBZ (Channel 2) reported on Bob McPhee, one of the newest members of the University of Maine Sports Hall of Fame. The sportswriter and assistant coach for the Dirigo High School baseball team was a three-sport athlete at Rumford High School during the mid-1970s until a tragic football injury left him paralyzed. “No one knows how they will act until they are faced with a situation, so look within yourself and take some responsibility,” McPhee said during his acceptance speech. Andrew Hartung, Jacob Eaton, Margaret Henrick McGregor, Johanna Riley Evans and Edward Woodbrey II also were inducted into the UMaine Sports Hall of Fame during the ceremony held at the Black Bear Inn, WLBZ reported. The [Bangor Daily News](#) also recently published an article on McPhee.

Maine Sea Grant’s seafood guide cited in Press Herald column

11 Oct 2016

The Maine Sea Grant College Program at the University of Maine was mentioned in the [Portland Press Herald](#) article, “Fish with a dose of storytelling,” as part of the “Green Plate Special” column. As the principal of the One Fish Foundation, a Yarmouth-based nonprofit organization, sustainable seafood educator Colles Stowell typically works with middle and high-school students to explain the food web that connects them to fish, according to the article. Stowell said the difficult part is speaking to a younger audience because, “It’s so easy to scare the heck out of little kids.” He noted that for some picky eaters, the thought of eating fish is scary, while the more adventurous young eaters might grow alarmed at the idea fish are vanishing from the wild. To get his point across to young listeners, he relies on storytelling, the article states. The author said she tried out Stowell’s teaching tactic on her children, using three whole fishes (haddock, America plaice and black sea bass, all scaled and gutted at Harbor Fish in Portland) and their stories, courtesy of Maine Sea Grant’s online [Maine Seafood Guide](#).

I-95 previews UMaine Homecoming events

11 Oct 2016

[Bangor’s Classic Rock Station I-95](#) (95.7 FM) advanced University of Maine Homecoming events slated for Oct. 14–16, including the annual UMaine Alumni Association Craft Fair, as well as men’s ice hockey and football games. More information about Homecoming is [online](#).

WABI speaks with students about latest presidential debate

11 Oct 2016

[WABI](#) (Channel 5) reported live from Pat’s Pizza in Orono during the latest presidential debate between Republican Donald Trump and Democrat Hillary Clinton. A handful of UMaine students who gathered at the restaurant to watch the debate shared

their reactions with WABI. Most of the students expressed frustration and said they thought too much time was spent off topic, WABI reported.

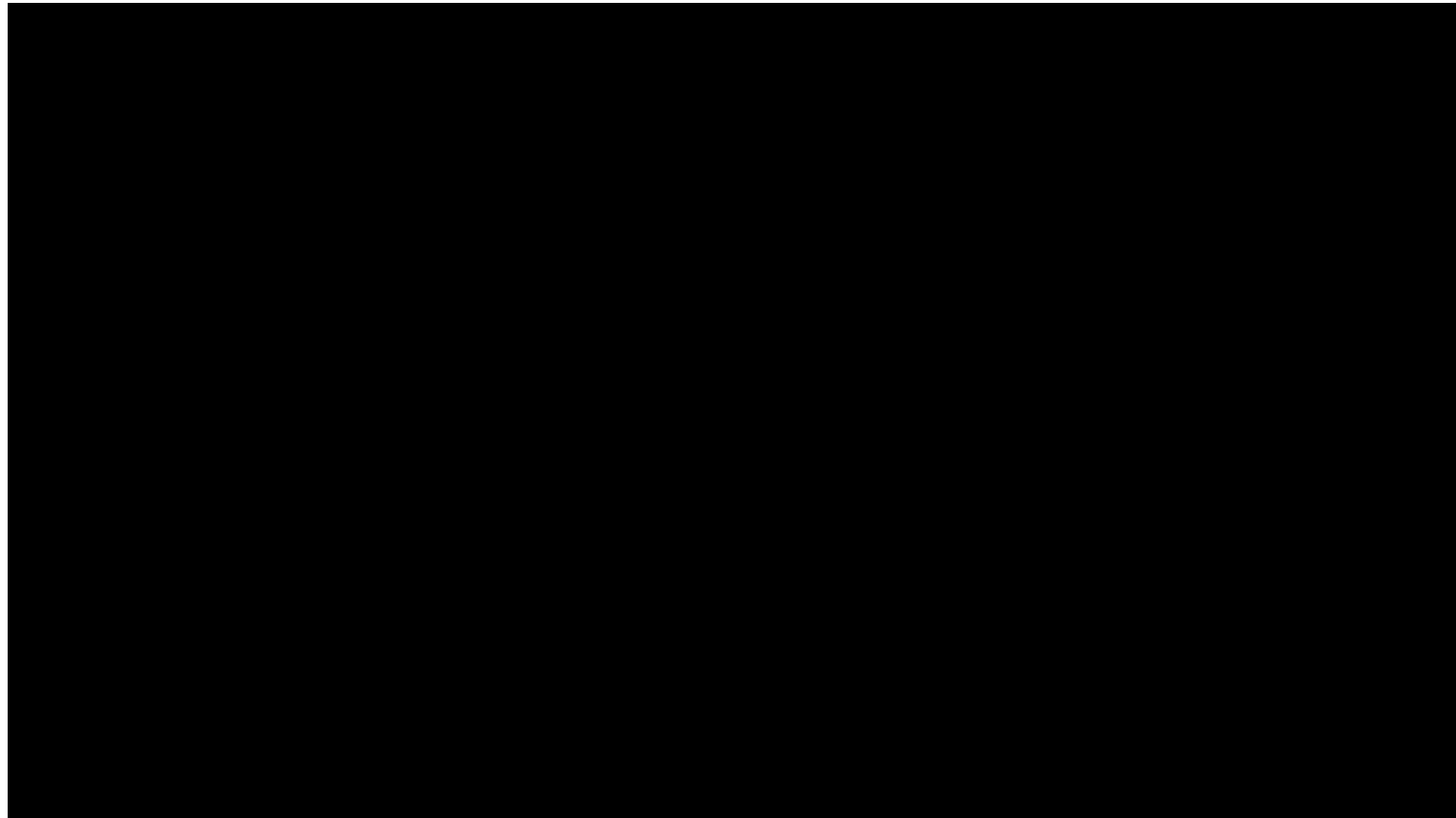
Senior Companion Program featured in Sun Journal

11 Oct 2016

The Sun Journal published an article about a friendship that was formed through the University of Maine Center on Aging’s Senior Companion Program. Dee Farr, a 55-year-old Oxford resident who has mobility issues, was introduced to Katey Coffin, 65, of Norway, a senior companion with the program. The two ultimately formed a working relationship as well as a friendship, according to the article. According to its brochures, “homebound elders are able to stay in their homes longer thanks to regular visits from Senior Companions — dedicated, active individuals age 55 and older.” “We provide monthly trainings so our companions can help clients help themselves,” said Anna Saar, program coordinator for Oxford, Franklin and Androscoggin counties. Training includes topics such as fraud/scams, nutrition, legal services available, elder abuse, vision and hearing resources and dementia, the article states. “I love the companions, they are so compassionate ... beyond belief — and they go out of their way,” Saar said.

Research: On the cutting edge of composite product development

11 Oct 2016



[Read transcript](#) University of Maine wood scientists and engineers are evaluating the performance of cross-laminated timber (CLT) made from solid-sawn and composite lumber from trees grown in Maine and the northeastern U.S. In the 1990s, CLT was developed in Austria as an alternative to stone and concrete. It was recently incorporated in the International Building Code and can be used in building construction in the United States, providing it meets manufacturing standards. It’s nickname? Plywood on steroids.

Transcript

Stephen Shaler: Norway spruce was planted back in the ’30s in the CCC days. It’s not native to the U.S. It’s native to Norway, but it was planted as a species. It’s been used for pulp over the years, but now we have a lot of trees that have a lot

more value for use in lumber for building houses for example. But it's never been evaluated to see how strong it is because we want to make sure that, when you build things, they don't fall down. You need to make sure that those numbers are right. **Jeff Easterling:** You must have a strength value in order for a sawmill to use the product to saw into construction grade lumber. In other words, you can't grade it until it has a design value for it. **Stephen Shaler:** We're doing destructive testing of big pieces of wood. We're testing them in flexure, bending them. We're pulling them apart in tension. We'll be doing some small testing of squeezing them in what we call compression. Also another test that's called shearing it apart or sliding it apart. Once it goes through the process and if it gets approved, the infrastructure's right there. The mills know where this wood is. They could start using it within six months. Cross-laminated timber or sometimes it's now called mass timber is a newer construction technique where you combine a lot of wood and make the walls, floors and roofs from these single, in essence, pieces or glued up pieces of wood. **Nicholas Willey:** It's a better renewable source than concrete or steel because you can recycle concrete or steel, but both of those need to be manufactured at a higher level than CLT. CLT, you harvest the wood and you can put it right together. It's very easy construction. It's just as easy to put it together on site. It really reduces labor costs, speeds up construction, but it's also insulating. It has high thermal properties. There's a lot of benefits. **Jaya Tripathi:** I'm testing for hydrothermal properties, which means heat and moisture transfer. We have a couple of sensors embedded inside this panel and they will sense changing temperature and humidity along with the transfer. We use that data to analyze what's going on. **Stephen Shaler:** What they're looking at is to use this in mid- to high-rise buildings, four, six, eight — They've built buildings up to 10, 12 stories, but they've never built anything from spruce-pine-fir which is Norway spruce would be part of that. Really, potentially, this Norway spruce could be used in a CLT product. Forests are really important to everybody on this world. It's one of the most important ecosystems. It's important to animals. It's important to water. It's also important for the products that it gives because we've got, what, eight, nine billion people now. People need places to live. They need materials. If you've got a sustainably managed forest, there's nothing more environmentally responsible than using that forest to make things for people, for society. That's not all a forest is for, but that's the certainly one of the things it's for. I view being involved with wood science, being involved with forest products research is very environmentally responsible and needed. [Back to post](#)

Zikomo Barr: Master's student focused on leadership, first-generation college experience

11 Oct 2016

Growing up in New York City, Zikomo Barr had no notion that he'd one day end up in Maine, pursuing a degree and career in post-secondary student affairs. "It's not an industry or a field that you aspire to go into when you go to college. It's something that you stumble upon or realize that it exists as a career through your undergraduate experience," says Barr, now in his second year as a higher education master's student at the University of Maine. As an undergraduate at the New York Institute of Technology, near where he grew up in the Bronx, Barr bounced between majors. He started out studying information technology, before deciding it wasn't for him. Ultimately, he earned his degree in business administration with a concentration in management. But he credits his experiences outside of the classroom in campus activities for getting him interested in working with college students. "Student government, president of my fraternity chapter, and just a plethora of different experiences that kind of allowed me to realize that I wouldn't mind working in a collegiate atmosphere with students, and giving them the same opportunities," Barr says. When it came time to apply to graduate school, Barr looked at some of the top schools for higher education in some more highly populated areas — among them Indiana University, University of Pennsylvania and University of Connecticut. But he still wasn't sure if he wanted to go directly from his undergraduate education to a graduate program, so he missed the priority deadline to apply to any of them. Then he got an email from the University of Maine, complete with an offer to apply for a graduate assistantship that would cover his tuition costs. "That was a big thing, because my entire undergrad was afforded to me through a program that allowed low-income students to pursue an education. So, as long as I kept my grades up I had that opportunity. The same thing is afforded to me with the graduate assistantship," Barr says. The other major benefit of the GA position is that it's helping prepare him for the workforce. His job with the office of Campus Activities and Student Engagement has given him invaluable experience, Barr says. He attends student government meetings and advises other student-led organizations. Last year, he attended two conferences put on by national organizations involved with college student activities and student workers. In the spring, he helped organize a leadership summit at UMaine, attended by students from throughout the state. "The intent of the conference was to get people to understand that there are different types of leadership and to identify what kind of leader they are," Barr says. "Leadership in society is typically viewed as something that's associated with a position of power. But understanding yourself and knowing what qualities you bring to your current role or position can help people become leaders, even if they aren't in a position of power." Leadership is one area that Barr is interested in academically, as well as professionally. Another is the first-generation college student experience. As the first in his family to attend college, Barr says it's important to him personally. He hopes to one day earn his doctorate in the field of higher education, and says he'd like to do research that helps first-generation students in some way. "I'm just in a fortunate position right now, and I try to wake up every day and be as humble as I can and realize that I'm better off than I was the day before. And also, try to reach a hand back and help those who aspire to be in the same

position,” he says. **Why UMaine** It gave me the opportunity to pursue a master’s degree with financial assistance. And, it gave me the opportunity to gain work experience while I pursue that master’s degree, because I know that’s something that a lot of potential employers down the line are going to want — two year’s work experience and a master’s degree. **How would you describe the academic atmosphere at UMaine?** It’s great. Dr. Elizabeth Allan is amazing. Dr. Leah Hakkola, she’s great. Susan Gardner, she’s amazing as well. The College of Education and Human Development does a good job of providing the support to students that they need, realizing that students are coming from different backgrounds. But also, allowing those students to be challenged. **Have you worked closely with a mentor, professor, or role model who has made your UMaine experience better? If so, how?** The higher education program has the SDA — Student Development Association — that’s run by second year master’s students. Last year I was matched with a second-year student, Meredith Hassenrik, who was there as a resource to answer any questions that I had related to the academic experience, or with the graduate assistantship, any committees that I may be involved in around campus. And then, academically, Dr. Allan, she’s my faculty adviser. So she’s definitely an amazing resource as far as reaching out to her network and letting them know that I’m looking for internships, that I’ll be looking for jobs later. In all aspects, she’s been a great help. **Have you had an experience at UMaine, either academically or socially, that has changed or shaped the way you see the world?** I’m appreciative of the fact that my master’s cohort is extremely diverse — ethnically, sexual orientation-wise, geographically. Just in terms of how people identify and where people come from, we have a good mix of students, and we all support and learn from each other. **Describe UMaine in one word** I’m between two words right now. The first one I’m thinking of is prideful. The second I’m thinking of is community. There’s a strong sense of community here, but I feel like pride can also encompass that. So, I’m going to go with prideful. **What’s your most memorable UMaine moment?** I think it was developing the leadership program, and being able to pitch that to student government. I attend their meetings every Tuesday, and being able to get that out there to them and hear what they think about it, I think that’s definitely one of the most memorable moments, because I worked really hard on it, taking into account everything I’m learning in the classroom so putting theory to practice. **What do you hope to do after graduation, and how has UMaine helped you reach those goals?** Ideally, get a job on the East Coast. I have family between New York and South Carolina, so somewhere in there. But also, being open to different opportunities elsewhere, because I realize that student affairs is a nomadic profession. So working with first-generation students, maybe as a TRIO program director, or doing student activities as a director or assistant director, maybe even Greek life, or admissions. Eventually I’d like to earn my Ph.D., as well. I think UMaine has helped in a lot of respects. I feel academically prepared, so I have the knowledge base. And then I have two years’ of work experience through my graduate assistantship. **Have you participated in any internships related to your major?** I did an internship last summer at Julliard in the housing office. A lot of people who come into student affairs have background in housing, being a resident assistant in a dorm or something like that. I commuted all four years of my undergrad, so I didn’t have that experience. But at Julliard, I was working under the director of housing, and my main responsibilities entailed making sure I was in contact with the head person of a conference group that would come in during the summer. I was making sure linens were in their rooms, making sure they had access cards, being on-call if there was an emergency. And then also, supervising three student staff members. I also interned last semester with Dr. Allan and her Stop Hazing organization. That was more of an independent research kind of internship. **What’s the most interesting, engaging or helpful class you’ve taken at UMaine?** I would say “the American Community College.” We talked about how students are increasingly going to community college before they go to a four-year university, and how everybody’s circumstances are different, and a lot of people who go to community college, it may serve them better to do that before they go to a four-year institution. And then we had one class where we visited Eastern Maine Community College, and we got a tour from the dean of students and we talked with him later. I think actually being at the campus was beneficial, because I got to see it and make that connection in my mind. But just in general, that class was so engaging. Oftentimes we would go over the class time 10, 20 minutes and just kind of talk. **What difference has UMaine made in your life?** UMaine has taught me to appreciate stepping out of my comfort zone. Since it was the opportunity for me to live in Maine for two years, I now have somewhat of a foot in the door to kind of explore other places and be more comfortable with moving around and readjusting. And I think if I can master that, or be OK with that, then regardless of whatever opportunity presents itself at another university wherever, I’ll be able to be successful. Contact: Casey Kelly, 207.581.3751

Boot Camp connects students to School of Marine Sciences, ocean

12 Oct 2016

The annual Marine Sciences Boot Camp at the University of Maine Darling Marine Center offers first-year students a concentrated preview of what their lives will be like as marine sciences majors. “I loved every minute of it,” says Miranda Furnari, a student from Danvers, Massachusetts. “It was so incredible to actually get a taste of what a career in marine science would be like . . .” Boot Camp is open to 30 first-year UMaine students enrolled in the School of Marine Sciences. Held Aug. 23–26 in 2016, the orientation began with a scuba diving lesson in Orono, followed by two days at the DMC, the university’s marine lab in Walpole. “This experience is a snapshot of what makes our program one of the best in the country,” says William

Ellis, undergraduate program coordinator and associate professor of oceanography. Boot Camp included presentations, fieldwork and the chance to explore the DMC labs and classrooms, as well as the Damariscotta River aboard the *Ira C.*, UMaine's 42-foot research vessel. Sydney Leonard, a first-year student from Wisconsin, calls Boot Camp a unique experience. "It made me feel welcomed by the university and the program," she says. Bonds formed during Boot Camp can be strong. Juniors Hanna Deon and Abigale Shaughnessy met in 2014 at Boot Camp. Now they're friends and roommates again at the DMC for Semester By the Sea, the SMS residential undergraduate program in which participants take classes in marine biology, ecology, oceanography, environmental microbiology and fisheries. "I signed up for Boot Camp because, as an out-of-state student, I didn't know anyone who would be attending the University of Maine with me," says Shaughnessy, who is from Enfield, Connecticut. "Going to Boot Camp made me decide to go to Semester By the Sea my junior year. I absolutely loved the Darling Marine Center." Deon, from Farmington, Maine, applied to UMaine because of the Darling Marine Center. She had been exclusively considering out-of-state schools until her mother convinced her to take a look at UMaine, a land and sea grant institution. On a tour, she met Ellis, who gave her pamphlets about Boot Camp and Semester By the Sea. The out-of-state schools she had been considering didn't offer similar programs, says Deon. "He said, 'If you come here, you can do fieldwork.' I definitely wanted to be in the field. That's what got me," says Deon. "As soon as I got to Boot Camp, I was like, 'This is what I want to do.'" This year, 70 first-year students are enrolled as marine science majors at UMaine, the largest-ever cohort in the School of Marine Sciences. That's in line with increased first-year student enrollment at the university, which welcomed its largest class in its history — 2,248 students — for the fall 2016 semester.

Farm and Dairy publishes Cooperative Extension tips

12 Oct 2016

[Farm and Dairy](#) listed University of Maine Cooperative Extension tips for farmers on how to achieve balance between the family and the farm. The tips are: Talk and listen; find family time; keep the big picture in mind; and find peace at home.

WABI interviews Hallsworth at Children's Water Festival

12 Oct 2016

WABI (channel 5) covered the Children's Water Festival that drew more than 600 middle-school students to the University of Maine on Tuesday to learn about the value of clean water and healthy habitats. "So this festival is all about learning about water and water resources," said Ruth Hallsworth, strategic program manager at the Senator George J. Mitchell Center. "So a lot of our drinking water comes from lake water, and we need to keep that lake water clean. And so teaching them how to do that at an early age is really important."

Butler writes column about victim-blaming contributing to food insecurity

12 Oct 2016

Sandy Butler, professor of social work at the University of Maine, wrote a column about older adults and food insecurity that was published in the [Bangor Daily News](#). While food insecurity has decreased nationally, Butler said the U.S. Department of Agriculture indicated it has worsened in Maine. She said society's general prejudice against people in need contributes to food insecurity. Low-income older adults from Washington and Hancock counties whom she interviewed talked about choosing between paying for prescription medications or groceries and prioritizing bills that had to be paid versus those that could wait. "We should do all we can to ensure all people struggling to meet basic needs get the support necessary to keep themselves and their families adequately fed and healthy. At the very least, we must make sure victim-blaming policies built on prejudice and anecdotal evidence don't contribute to life-threatening consequences for our elder neighbors and family members," she wrote.

Mohave Daily News quotes Astumian on Nobel Prize winners

12 Oct 2016

Dean Astumian, University of Maine physics professor, was quoted in a story in the [Mohave Daily News](#) about the three scientists who won a Nobel Prize in chemistry. Jean-Pierre Sauvage, Fraser Stoddart and Bernard Feringa won "for making devices the size of molecules, so tiny that a lineup of 1,000 would stretch about the width of a human hair," according to the article. Experts say the devices may lead to better computer chips and batteries, and that miniscule shuttles one day may be injected into patients to deliver drugs directly to infections and tumors. Astumian said the field is very young, and compared it to when people first had the lever and the wheel. Initially, he said, the tools were combined in simple ways for easy tasks, but

over time they were put together in complicated ways to do increasingly dramatic things. “I think we are at the point where people have put together the levers and the wheels in simple ways at present,” he said. But as a result of the awarding of the prize in this area, Astumian said the field is going to take off with the creation of more complicated and useful devices.

CCI named in Alaska Dispatch News article about Arctic

12 Oct 2016

The Climate Change Institute at the University of Maine was mentioned in an article in the [Alaska Dispatch News](#) about economic opportunities and Maine’s stake in Arctic policy in the face of ice-free shipping lanes in the Arctic. Dana Eidsness, director of the Maine North Atlantic Development Office, said the CCI has been undertaking glacial core samplings in the Arctic for more than four decades and there are a number of opportunities for scientists in Maine and Alaska to collaborate.

Multiple media outlets advance Chelsea Clinton’s campus visit

12 Oct 2016

Chelsea Clinton’s scheduled campaign stop Thursday at the University of Maine on behalf of her mother, Democratic presidential candidate Hillary Clinton, was covered by a number of media outlets, including the [Portland Press Herald](#), [WMTW](#), [WLBZ](#) (channel 2), [WABI](#) (channel 5) and the [Bangor Daily News](#). Chelsea Clinton is slated to appear with former U.S. Sen. George Mitchell of Maine at 10:45 a.m. at Wells Conference Center. Doors will open at 10 a.m.

Maine Spruce Budworm Task Force launches new website

12 Oct 2016

The Maine Spruce Budworm Task Force has launched a new website designed to be a communications outreach tool and resource for the coming outbreak in the state. The [site](#) and companion [Facebook](#) page were designed and developed by task force members from the Maine Forest Service, Maine Forest Products Council, Maine Tree Foundation and the University of Maine’s Center for Research on Sustainable Forests and Cooperative Forestry Research Unit, with input from leading experts on the spruce budworm. The website provides facts about the natural cycle of the budworm, information regarding the approach and potential effects of the next outbreak, historical context, and interactive maps on current outbreak status. It also includes an interactive Q&A section and the ability to request experts to speak at events and conferences, according to a news release issued by the group. The eastern spruce budworm is believed to be the most damaging forest insect in Maine and North America. Outbreaks of the insect that kills balsam fir and spruce trees occur every 30 to 60 years. During the last outbreak, which lasted from 1970–85, the insect decimated up to 25 million cords of spruce/fir wood, 21 percent of all fir trees in the state, according to the Maine Forest Products Council. The infestation cost the state’s forest-based economy hundreds of millions of dollars and had lasting effects on forest management. Although no defoliation in Maine has yet begun, significant infestations in New Brunswick and Quebec indicate that the next outbreak is at our doorstep. The Maine Spruce Budworm Task Force formed in 2013 to determine the economic and ecological effects another outbreak might have on the state and a strategy to minimize those effects.

Metalsmith to present Oct. 18 as part of Tuesdays at IMRC

12 Oct 2016

Metalsmith Ellen Wieske will offer a free public presentation at 7 p.m. Oct. 18 as part of Tuesdays at the IMRC, the Intermedia MFA visiting artist lecture series. Weiske is an artist and educator who works in many materials and exhibits internationally. She has been assistant director at Haystack since 2003 and her studio, [Dowstudio](#), is on Deer Isle. For more information about the presentation or to request a disability accommodation, email Eleanor Kipping at publicity@imrccenter.com.

UMaine included in Mainebiz article about leading green colleges

13 Oct 2016

The University of Maine was mentioned in a [Mainebiz](#) article about colleges and universities in the state that were included in the 2016 edition of Princeton Review’s Guide to 361 Green Colleges.

BDN advances Black Bear Battle Ball tourney

13 Oct 2016

The [Bangor Daily News](#) wrote about Alpha Tau Omega's third annual charitable Black Bear Battle Ball tournament on Oct. 16 at the Mahaney Dome. All proceeds from the soccer games, in which players wear giant inflatable bubble suits, will benefit Shriners Hospitals for Children, according to the article. About 40 teams are expected for the tourney; the entry fee is \$8 per person and \$40 per team.

TRJ promotes art exhibit at Hutchinson Center

13 Oct 2016

[The Republican Journal](#) in Belfast promoted "ENCAUSTIC — wax+heat," a nine-person group exhibit at the H. Alan and Sally Fernald Art Gallery at the University of Maine Hutchinson Center in Belfast.

WABI covers National Coming Out Day

13 Oct 2016

WABI (channel 5) reported on National Coming Out Day activities at the University of Maine. "It's nice to have Coming Out Week and Pride Week because it's a time for the LGBT community to be visible and to be welcomed, and for us to be validated by not just ourselves but by everybody else," said Juliet Williams, secretary of Wild Stein Alliance for Sexual Diversity.

Climate Reanalyzer featured in Discover blog

13 Oct 2016

The Climate Change Institute's Climate Reanalyzer was included in an online [Discover Magazine](#) blog about smoke from Russian wildfires blowing 3,000 miles east out over the Pacific Ocean. A Climate Reanalyzer graph included with the blog displays Siberia's long-term upward trend in average temperatures near the surface.

UMaine aquaculture research highlighted in Food Technology Magazine

13 Oct 2016

The October issue of [Food Technology Magazine](#), published by the Institute of Food Technologists, includes a story, "Increasing the 'Maine' Sources of U.S. Aquaculture," about University of Maine aquaculture initiatives focused on bringing nutritious foods to consumers. Highlighted in the article are the integrated research efforts led by Susan Brawley, Denise Skonberg, Balu Nayak, Angela Myracle, Mary Ellen Camire and Steve Eddy. Research to support an ecologically viable aquaculture industry in Maine is the cornerstone of SEANET, the Sustainable Ecological Aquaculture Network in Maine, established by a five-year, \$20 million grant from the National Science Foundation to UMaine. "Our focus is to try and develop technologies and/or products — or at least do the science that leads to technologies and products — that can either bring more economic benefits to the state through its seafood and aquaculture industries," says Skonberg, an associate professor in the School of Food and Agriculture.

Engineering Job Fair to be held Oct. 19

13 Oct 2016

More than 110 companies are expected to be represented at the University of Maine's 2016 Engineering Job Fair from 10 a.m. to 3 p.m. Wednesday, Oct. 19 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](#). In addition to the fair, many employers will remain on campus Oct. 20 to interview students. 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 including Kepware Technologies, Procter & Gamble and Tyler Technologies. A complete list of sponsors is [online](#).

Mitchell Lecture to focus on ‘Our Unending Pursuit to Feed Civilization’

13 Oct 2016

Ruth DeFries, the Denning Family Professor of Sustainable Development and University Professor at Columbia University, will give the 2016 Mitchell Lecture on Sustainability at the University of Maine in Orono Oct. 20. Her free public lecture, “Between Optimism and Pessimism: Our Unending Pursuit to Feed Civilization,” will begin at 1 p.m. at the Wells Conference Center and will include remarks by Sen. George Mitchell. Tickets are available [online](#). For more information or to request a disability accommodation, call 207.581.3196. Based on her book, “The Big Ratchet: How Humanity Thrives in the Face of Natural Crisis,” DeFries’ lecture will trace the long journey of our species from hunters and gatherers to shoppers in the aisles of grocery stores. Through technologies, innovations and quirks of fate, people over millennia have manipulated ecological processes to propel our species to the current day of abundant food amidst a myriad of environmental and social consequences. From this long-term view, the pattern shows neither collapse nor technological supremacy. Rather, our tenure on the planet reveals cycles of crisis and growth, with each innovation leading to a new set of ecological problems that in turn spur new innovations. The next step in this long cycle is science-based, nonideological solutions to the problems that our success has created. DeFries uses images from satellites and field surveys to examine how the world’s demands for food and other resources are affecting climate, biodiversity and other ecosystem services, as well as human development. She has also developed innovative education programs in sustainable development. DeFries was elected as a member of the U.S. National Academy of Sciences, received a MacArthur “genius” award, and is the recipient of many other honors for her scientific research. She is committed to communicating the nuances and complexities of sciences to popular audiences, most recently through “The Big Ratchet.” She is also engaged in linking science with policy. Launched in 2007, the Senator George J. Mitchell Lecture on Sustainability serves as a 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.” The Mitchell Lecture on Sustainability is co-sponsored by UMaine’s Senator George J. Mitchell Center for Sustainability Solutions, School of Economics, Honors College, School of Food and Agriculture, Department of Communication and Journalism, Ecology and Environmental Sciences Program, Darling Marine Center; School of Marine Sciences, and Cultural Affairs/Distinguished Lecture Series Fund. Contact: Margaret Nagle, 207.581.3745

Multiple media outlets cover Chelsea Clinton campaign visit to UMaine

14 Oct 2016

Numerous Maine media outlets, including [Maine Public Radio](#), [Bangor Daily News](#), [Portland Press Herald](#), [WLBZ](#) (channel 2) and [WABI](#) (channel 5) covered Chelsea Clinton’s campaign stop at UMaine Orono on behalf of her mom, Democratic presidential candidate Hillary Clinton.

Former UMaine hockey players making mark in NHL

14 Oct 2016

The [Bangor Daily News](#) reported that eight former Black Bear hockey players are on NHL rosters, as the regular season gets underway this week. They include Ben Hutton a former second-team All American defenseman, who plays for the Vancouver Canucks and was a member of the Canadian national team that defeated Russia for the 2016 World Cup of Hockey championship in September.

Role of maritime history topic of Maine Heritage Lecture

14 Oct 2016

The important role of 19th-century maritime history in shaping Maine will be the focus of the Maine Heritage Lecture Oct. 24 at the University of Maine. Stephen Hornsby, director of the Canadian-American Center and professor of anthropology and Canadian studies, will speak on “Industry’s Ocean: What Built Antebellum Maine.” The free public lecture, sponsored by the

College of Liberal Arts and Sciences, begins with a reception at 4:30 p.m. in the McIntire Room, Buchanan Alumni House. For more information or to request a disability accommodation, contact Tonya Corriveau, 581.1954. Inspired by several plates in the “Historical Atlas of Maine” and drawing on more recent research, this presentation will discuss national narratives, maritime history, and the development of coastal Maine between 1815 and the outbreak of the Civil War. Hornsby is the author and co-editor of several prize-winning books, including “Surveyors of Empire: Samuel Holland, J.F.W. Des Barres, and the Making of the Atlantic Neptune,” as well as the “Historical Atlas of Maine,” which he co-edited with professor Richard Judd. Hornsby’s latest book, “Picturing America: The Golden Age of Pictorial Maps,” will be published by the University of Chicago Press with the Library of Congress in spring 2017.

Winter Session registration begins Oct. 24

14 Oct 2016

Last year, nearly 700 students took advantage of the first completely online, three-week Winter Session at the University of Maine. For its second year, the term has grown to include 26 courses offered through UMaineOnline. Winter Session will run Dec. 27 through Jan. 14. Registration begins Oct. 24. The 26 courses include several high-demand courses that fulfill general education requirements, as well as a few 300- and 400-level options. Winter Session courses are intensive, with students earning three credits in three weeks. Because the session is capped at four credits, students are able to focus on one course while enjoying the holidays. Students continue to have access to year-round online courses and Summer University beginning with a three-week May Term. Winter Session is an additional opportunity to [Think 30](#), a campuswide initiative that encourages students to take 30 credits per year in order to graduate in four years, saving valuable time and reducing student loan debt. More information about Winter Session, including available courses and how to register, is [online](#).

Understanding the ebb and flow of Peru’s glacial past

14 Oct 2016

Many thousands of years ago, as the world slowly began to thaw at the end of the last ice age, the landscapes of southern Peru were quite different than the ones University of Maine’s Gordon Bromley finds himself wandering about these days. Large domes of ice, blanketing the high and jagged peaks of ancient cordilleras, spilled down through steep Andean valleys like giant rivers of ice and carved across the high-altitude plateaus. Today, these once grand ice formations are all but gone, yet the geological echoes of the last great global glaciation still remain. When Bromley, a research assistant professor in the School of Earth and Climate Sciences and Climate Change Institute, looks out over the wide and barren vistas of the Peruvian altiplano, he reads the landscape like a long-lost tome recording the story of our planet’s ice-age past. Bromley is a glacial geologist working to understand the chronology of late-Quaternary glacial events in the remote Andes of southern Peru. In a new paper published in the journal *Quaternary Science Reviews*, Bromley and a research team present a new glacial chronology from two ancient moraine systems in southern Peru. The paper reports the results of a seven-year interdisciplinary project that included researchers from the University of Maine, Columbia University’s Lamont-Doherty Earth Observatory, Pacific Lutheran University and Dartmouth College. The new chronologies suggests that the glaciers of the southern Peruvian Andes reached their maximum extent between 28,000 and 26,000 years ago — earlier than the last glacial maximum (LGM) is recognized in other parts of the globe — and about 19,000 years ago they began their final recession with a very brief period of advance 16,100 thousand years ago. Tropical glaciers are particularly sensitive to changes in climate and, like many other glaciers around the world, have undergone series of major retreats and minor advances since the LGM. However, the role the ocean and atmosphere play in this ebb and flow are far less understood. This is the overarching question Bromley and his team hope to address. While few equate glaciers with the tropics, Bromley is particularly interested in what the glaciers of these areas and the landforms they’ve left behind can tell us about the dynamics of the global climate system as the world began to warm after its near 100,000-year-long hibernation during the last ice age. Glacial geologists, like Bromley, use moraines to study long-vanished glaciers. Moraines are relics of the ice’s movement and spatial extent. Just as bulldozers push material forward and aside as they move through construction debris, advancing glaciers transport soil and rocks as they slowly scrape across the landscape. When they recede, this material is left behind in distinctive patterns and piles called moraines. Bromley and the researchers use a geochemical technique called cosmogenic surface-exposure dating to ascertain exactly when each moraine was formed. As glaciers retreat, the surfaces of rocks, which had been frozen in ice for millennia, are uncovered and newly exposed to the sky and the flux of cosmic radiation. Born from distant supernova, cosmic rays hurtle through space at near the speed of light until they enter Earth’s atmosphere and collide with the freshly exposed boulders. And while these particles glide through our bodies on a near constant basis, they interact with the quartz inside the rocks, blasting apart oxygen and silicon atoms, creating the rare isotope beryllium-10. Over time the amount of the isotope builds up inside the rock which compose each moraine. By measuring the amount of beryllium-10 in a sample of the exposed moraine boulder, geoscientists like

Bromley can determine precisely when it was abandoned on the landscape by a receding glacier. In the Cordillera Carabaya, a subrange of the East Andes in far southern Peru, approximately 75 miles from the Bolivian border and at an altitude straddling 15,000 feet, Bromley and his team surveyed and sampled the complex moraine systems from two remote valley systems. Surface exposure data garnered from the moraines in this region provided great insight into the glacial dynamics of the southern Peruvian Andes. The results suggest that the atmosphere in the tropics warmed quickly at the end of the last ice age and that this warming appears to be in step with changes in the tropical Pacific Ocean. "I think we have an impression now that the tropical climate is extremely sensitive, it dominates global climate and its extremely dynamic," says Bromley. Bromley and the research team suggest that a warm sea surface temperature (SST) anomaly the Equatorial Pacific, which persisted for nearly 3,000 years, as well as a southward displacement of the Inter Tropical Convergence Zone potentially played a key role in this reversal. Similar to a modern El Nino event, changes in ocean and atmospheric circulation in the tropical Pacific may have allowed for the extended expansion of the Pacific Warm Pool. The warm pool is an area of particularly warm ocean generally confined to the waters surrounding Indonesia. However with the breakdown of the influx of cooler waters into the eastern Pacific and a weakening of the offshore winds of South America, the warm pool is allowed to reach its full potential and expands to the length of the equatorial Pacific. "As the energetic powerhouse of the globe, the tropics are the principal source of heat energy and water vapor for the climate system and thus represent a fundamental and dynamic component of global climate," says Bromley. When the Pacific warm pool expands, it drastically increases convection and brings large amounts of warm moist air high into the troposphere where it affects these high altitude tropical glaciers. "The tropical atmosphere seems to be set by the Pacific Ocean as a whole," says Bromley. "And the warming of the tropical Pacific has a rapid and global effect throughout the atmosphere." Like a global thermostat the tropical atmosphere sets the tone for the general temperature throughout the globe. As the tropics warm as a result of the growth of warm SST anomalies in the Pacific, so do global temperatures. This type of atmospheric heating on a smaller scale was seen during the last and particularly strong El Nino event and contributed to the record-setting average global temperatures of 2015 and 2016. The rapid decline of glaciers throughout the tropics may herald the very beginnings of the atmospheric change that drove global deglaciation at the end of the last ice age. In addition to SST anomalies in the Pacific Ocean, the team is also investigating how the tropical temperature record aligns with atmospheric carbon dioxide concentrations to determine the greenhouse gas's role in the termination of these tropical glaciers. The team suggests that other high resolution moraine records like the one presented in this study are needed to further understand the variability of the tropical atmosphere and its implication on both past, and present, global climates. In addition to Bromley, the multi-institutional research group included Brenda Hall, Aaron Putnam and Peter Strand from UMaine; Kurt Rademaker, UMaine alumnus and assistant professor at Northern Illinois University; Joerge Schaefer and Gisela Winckler from Lamont-Doherty Earth Observatory; Claire Todd and Matthew Hegland from Pacific Lutheran University; and Margaret Jackson from Dartmouth College. Contact: Walter Beckwith, 207.581.3729

UMaine to conduct annual emergency communications system test Oct. 18

17 Oct 2016

The University of Maine will conduct its annual emergency communications system test on Tuesday, Oct. 18, complete with three outdoor sirens sounding for several minutes. 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. 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 the 15th of every month. If you do not receive a text or email test alert, please reregister your email address or cell phone number.

Hollywood Reporter publishes Socolow column about Trump rally

17 Oct 2016

Michael Socolow, a media historian and associate professor in the Department of Communication and Journalism, wrote a guest column in [The Hollywood Reporter](#) about attending Donald Trump's rally in Bangor.

UMaine researcher cited in stories on EU backing off of lobster ban

17 Oct 2016

News outlets, including [CBC](#) and The Associated Press cited the work of School of Marine Sciences Research Professor Rick Wahle in stories on the European Union backing off of a Swedish plan to ban the import of American lobster. [The Middletown Press](#) also carried the AP report.

UMaine climate change researcher says Northeast drought an isolated event

17 Oct 2016

Research Assistant Professor Sean Birkel with UMaine's Climate Change Institute, told the [Bangor Daily News](#) that climate change is projected to increase, not decrease, the annual average rainfall in Maine and other Northeastern region states.

Brewer comments on war within Republican Party

17 Oct 2016

Political Science Professor Mark Brewer told [Maine Public Radio](#) the intraparty fighting between Donald Trump and GOP Speaker of the House Paul Ryan is unprecedented in the history of U.S. elections.

Portland Press, WABI preview Stephen King reading, talk

17 Oct 2016

The [Portland Press Herald](#), WABI (Channel 5), [Ellsworth American](#) and [Sun Journal](#) advanced Stephen King's Nov. 7 appearance at the Collins Center for the Arts. The author will talk about his days as a student at the University of Maine and read from his new book, "Hearts in Suspension." The 373-page book, published by the University of Maine Press, marks the 50th anniversary of King's enrollment at UMaine in fall 1966, according to the Portland Press Herald article. Along with photographs and documents of the era, the book includes four installments of King's student newspaper column, "King's Garbage Truck," reprinted for the first time, and essays by 12 of King's classmates and friends, including Jim Bishop, one of King's college English teachers and the book's editor. King's former classmates and friends will join the discussion Nov. 7, and books will be for sale at the Collins Center.

UMaine horticulture specialist cited in piece on Auburn company that helps medical marijuana growers

17 Oct 2016

Lois Berg Stack, a professor and horticulture specialist at the University of Maine Cooperative Extension spoke to the Sun Journal newspaper about the challenges of growing medical marijuana indoors.

WABI covers homecoming craft fair

17 Oct 2016

[WABI](#) (channel 5) reported that nearly 200 vendors from across the state sold their creations inside UMaine's New Balance Field House this weekend, at a two-day craft fair that was part of the many homecoming weekend events taking place across campus.

Researchers say eating dark chocolate daily is good for your health

17 Oct 2016

TeCake.com reported on additional dark chocolate findings from researchers at the University of Maine, Luxembourg Institute of Health, University of Warwick Medical School and the University of South Australia. Researchers found that eating dark chocolate daily improves cardiovascular health and prevents diabetes.

Professor emeritus to lead geology walk for Coastal Mountains Nature Program

17 Oct 2016

Stephen Norton, professor emeritus of Earth and Climate Sciences at UMaine, will lead a geology walk at Lincolnville Beach on Saturday, Oct. 29 from 2–4 p.m. Norton will talk with participants about what rocks — encountered on the walk — tell us about Maine’s geological history.

UMaine new media students, faculty to project lasers at Fright at the Fort

17 Oct 2016

The Fright at the Fort course will be lit up with lasers Saturday, Oct. 22, courtesy of students and faculty from [UMaine’s New Media program](#). Fright at the Fort runs from 5:30 p.m. to 9 p.m. Tickets can be purchased [online](#).

Putnam’s expedition featured in Medill Reports Chicago, Pacific Standards Magazine, Warm Regards Podcast

17 Oct 2016

Aaron Putnam was featured in a [Warm Regards Podcast](#) about his recent research expedition in Mongolia. The assistant professor with the University of Maine Climate Change Institute searched for clues in the Altai Mountains about what caused the Earth to lurch out of the last ice age about 20,000 years ago. Warm Regards is a podcast about the warming planet. Jacquelyn Gill, a paleoecologist at UMaine, is a co-host for some of the podcasts. Putnam’s expedition also was detailed in a companion piece to the podcast that appeared in Pacific Standard Magazine. According to the feature, Putnam used drones to study glacier-formed ridges and he collected the surface layer of granite boulders on moraines along the border of Mongolia, China and Russia to learn about climate change of the past. “This (the end of the last ice age) was the singular most powerful, most important climate event in human history. It allowed us to flourish,” Putnam says in the article. “But we don’t know why that happened.” Determining what caused the ice age’s demise could help Putnam identify the triggers that cause abrupt climate change. Putnam and his expedition team of graduate students were also featured in a recent article in [Medill Reports Chicago](#), the news service of the Medill School of Journalism at Northwestern University.

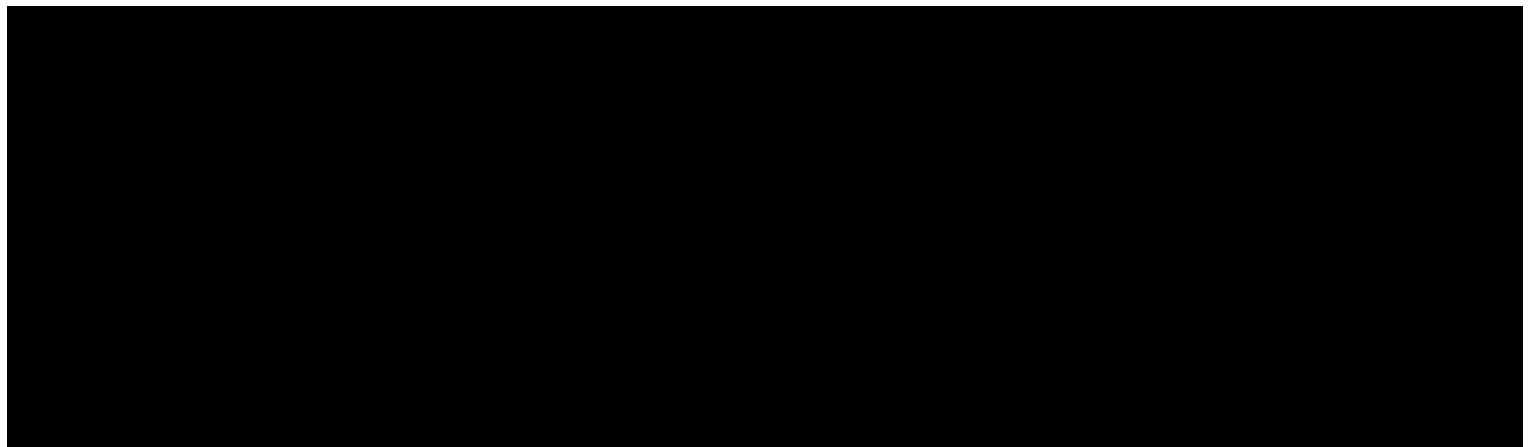
Three UMaine students to perform with U.S. Army Jazz Ambassadors Nov. 11 on campus

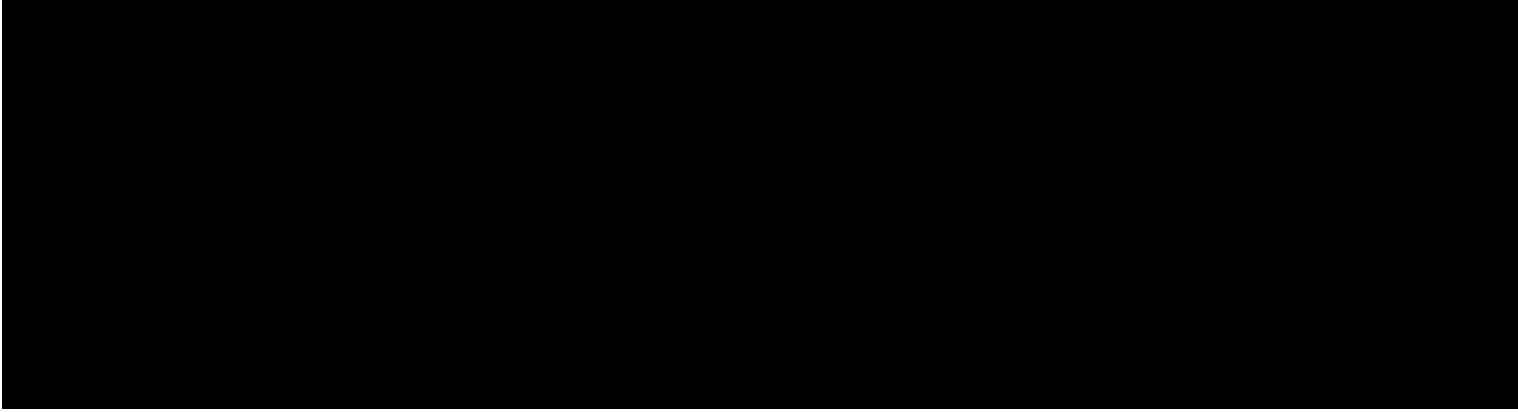
18 Oct 2016

The U.S. Army Jazz Ambassadors, the United States Army Field Band based in Washington, D.C., will perform in a free public concert at 7:30 p.m., Nov. 11 at the Collins Center for the Arts. The concert is sponsored by a partnership of the School of Performing Arts, Collins Center for the Arts and the Bangor Daily News. Three UMaine students will join the band for a performance of "Shirley": Kyle Goupille of Presque Isle, a double major in music education and music performance who has been playing trumpet for 11 years; Ethan Manning of Vernon, Vermont, a music education major who has been playing saxophone for 13 years; and Amanda Bloss of Litchfield, Maine, a double major in music performance and music education who has been playing tenor trombone for 12 years.

Students: Student success at UMaine

18 Oct 2016





[Read transcript](#) At UMaine, student success is multifaceted — from academic support and the Think 30 initiative to community engagement. Find out what students have to say about how they found success at UMaine.

Transcript

Jade McGuire: I think I originally chose the University of Maine, for the same reason a lot of people do. It was close to home, but not too close, and it fit within my budget. The reason that I stayed at UMaine, is because I really feel that it fit for me. The school is not too big, but it's big enough that I can get different perspectives, which is really important to me. I've always just felt safe, and comfortable and welcome here. **Josh Savoy:** I was undecided, when I came here originally. The amount of opportunity that's here was huge. **Phoenix Throckmorton:** I didn't have much of a plan before I came to the university. Once I came to the university, I discovered all the tools that are available to me to help me develop a plan for moving forward along my future. I've always been interested in space and aerospace. I took a tour here at the Composites Center, and I got to see all the projects. I realized that there is a NASA project right here in the Composites Center, and I was like, "Wow. I really want to get involved with this." I would say that you definitely don't have to have your plan set in stone, but you just have to keep your mind open, and be aware of the resources around you. **Dominika Trzilova:** I think UMaine has given me a lot more than I actually hoped for. I came in not knowing a whole lot, and I got great experiences, and great people that I'm going to have for the rest of my life. It has definitely helped me get to where I want to go, which is a Ph.D. program. **Meghan Frisard:** Think 30 is the idea that, you can take 30 credits over the whole school year. Because the minimum number of credits to graduate is 120 credits, if you take 30 credits every year, then you'll graduate in four years. **Eric LeVasseur:** I've taken a few summer classes so far this summer. I've taken eight credits in total. It's been helping me with the fall and spring semesters, though I don't need to load myself up with so many credits. I can ease up on the amount of credits I take during the fall and spring. That way, I can really enjoy my college experience, and get involved with a whole bunch of different organizations on campus. **Meghan Frisard:** If you graduate in four years, then you'll have less debt, which is pretty much the biggest thing. An extra year or two is an extra year or two of student loans, which no one really wants to pay off. **Andrew Krause:** Learning leadership skills — in any major, there are always classes that are geared toward leadership and teamwork. Not only just classes that have to do with your major, but classes that have to do with being a better person, and working conductively with other people. **Leila Wojtowski:** People think that at large universities, that nobody knows your name, and that it's going to be hard to really stand out and get the attention that you need. Here it's completely different. We have the large-scale university with the small-scale feel. **Ashley Cooper:** We have a writing center, the math dens, econ labs, accounting labs, we have a counseling center. Just with that alone, there are a lot of different resources. A lot of the advisers and professors are really great too. **Taryn Lane:** I would say the opportunity to get involved, is one of the most important things about the University of Maine. You can expand your horizons in ways way beyond your area of study, that you wouldn't think that you'd be interested in outside of academics. We have all kinds of musical ensembles, sports groups, club sports teams. Getting involved with the student organizations, and making friends, and expanding my social circle made me more comfortable here, and actually really made me fall in love with the university. **Liz Wood:** What I didn't realize is that UMaine would affect me so greatly, and that I would have so many opportunities here just to expand, and do research, and learn from great professors. **Noelle Leon-Palmer:** I feel like I have been so prepared to not give up. It's midnight, I have an assignment due, I have to wake up early for practice, I still have to finish the assignment. It doesn't matter. I feel like, in that sense, I've also been really prepared. I think medical school will be a good test, for what I've learned so far in the past four years. **Liz Wood:** A great place to be with great people that really care about you. [Back to post](#)

Leahy named interim associate dean

18 Oct 2016

Jessica Leahy has been named interim associate dean for research in the College of Natural Sciences, Forestry, and Agriculture, and interim associate director of the Maine Agricultural and Forest Experiment Station. She succeeds Frederick Servello, who will assume the position of interim dean for the college, and director of the Experiment Station following Edward Ashworth's retirement on Sept. 30 after 10 years as dean. A story about her appointment is [online](#).

WABI reports on UMaine Emergency Communications test

18 Oct 2016

[WABI](#) (channel 5) reported on the University of Maine's plan to test its emergency communications system Tuesday. The station noted that the system allows the university to update the community during an emergency, via email and text messages.

Media consult Lobster Institute for stories on huge lobster caught off Bermuda

18 Oct 2016

Columbus, Georgia ABC affiliate [WTVM](#), [NewsChannel 10](#) in Amarillo, Texas and Louisiana ABC affiliate [WGNO](#) consulted the University of Maine's Lobster Institute for stories on a 14-pound lobster caught off the coast of Bermuda, after Hurricane Nicole.

Business networking event for veterans at Memorial Union

18 Oct 2016

A member of the Farmer Veteran Coalition of Maine will hold a second workshop on campus on Oct. 26 at 4 p.m. in the FFA room in the Memorial Union. Jerry Ireland, an Army veteran and owner of Ireland Hill Farm, mentors veterans who want to learn new business skills and may be interested in owning a farm or starting a small business. The event is free and open to the public. For more information or to request a disability accommodation, email Nory Jones, njones@maine.edu.

Striding to better forest for native plants

19 Oct 2016

It was a rainy afternoon in the Penobscot Experimental Forest when Shantel Neptune, a student in the University of Maine's Ecology and Environmental Sciences Program, snapped a pair of garden loppers through neon pink flagging tape, culminating a ribbon-cutting ceremony. Neptune and the five fellow members in the Wabanaki Youth in Science (WaYs) group came together from across Maine to blaze a new educational trail this past summer in the Penobscot Experimental Forest, located near the Northern Research Station, 686 Government Road, Bradley. "I'm wicked impressed with WaYs and the community that supported their work to make this fabulous trail," said tish carr, the project's coordinator. The half-mile long Invasive Treatment Trail, now open to the public, offers walkers a glimpse of what the WaYs group learned. They developed a brochure and interpretive signage on the trail to help walkers learn to identify invasive plants and treatment options, with the aim of encouraging voluntary mitigation of a growing threat to native life in Maine's forests. The two-year project required a great deal of labor from the young leaders, including meticulous data entry, clearing brush with hand tools and digging holes for signage posts. Most described that manual work as their favorite activity of the experience for the sense of accomplishment it offered. The project also offered learning opportunities. It required them to survey the forest's understory, identify invasive plants and test treatments to try to mitigate their presences to improve opportunity for native flora. "When I go for a walk now I'm trying to identify plants. It's totally changed how I look at the forest," said Keyana, a WaYs student. The local community came together to enrich the students' hands-on learning experience. Jessica Leahy, an assistant professor with UMaine's School of Forest Resources, designed the trail. Erik Blomberg, an assistant professor in UMaine's Department of Wildlife, Fisheries, and Conservation Biology, taught the WaYs youth how to rate deadwood habitat for bats, woodpeckers, and insects and build bat boxes to improve nesting access. Cultural Knowledge Keepers from the Penobscot Nation taught the WaYs group about edible and medicinal plants. "When you know uses you learn to respect the forest more," Kahlan, one of the WaYs group participants, said. "One thing that makes WaYS is our sense of community. We are able to combine our western knowledge with local indigenous knowledge to provide a rich understanding of our forests," carr said. The trail is open from sunrise to sundown every day, and is free to visit. The Penobscot Experimental Forest is a 3,800-acre tract of land in Bradley owned by the University of Maine Foundation and managed by UMaine in partnership with the U.S. Forest Service. For more information, contact waysprogram@gmail.com. Contact: Erin Miller, 207.581.3204

In Maine's new vernal pool plan, conservation and communities win

19 Oct 2016

The future just became a bit brighter for Maine's amphibians and fairy shrimp under a new plan that encourages protection of vernal pools. The Vernal Pool Special Area Management Plan fine-tunes existing state regulation to a local level. It will serve as a voluntary mitigation tool that helps towns control their vernal pool resources, provide incentives for rural landowners to conserve their vernal pools and help developers with a streamlined environmental compliance process. The plan, which was six years in development, was initiated by Aram Calhoun, a University of Maine professor of wetland ecology, and her colleagues at federal and state regulatory agencies. The Vernal Pool Special Area Management Plan was approved as an alternative pool mitigation tool by the New England District Corps of Engineers and Maine's Department of Environmental Protection on Sept. 6, 2016. From the beginning, Calhoun collaborated with stakeholders, regulating agencies and other scientists to ensure the plan would align with the biophysical and social needs of Maine's future. "Conservation doesn't get done without the people part of it. The reason this process was successful is that we worked with social scientists and diverse interests: this would not have happened without the colleagues from School of Economics and local real estate and development interests," Calhoun said. The towns of Orono and Topsham are in the process of implementing the plan, which Calhoun hopes will showcase how it works to other communities. The plan, published in late September, is already garnering attention. Calhoun and her associates were invited to showcase the plan as an innovative strategy for conservation at the GrowSmart Maine Summit on Oct. 19 in Waterville, and Environmental Protection Agency granted funding for a part-time person to help communities adopt the new guide. To learn more about the ecosystem services Maine's vernal pools provide, and the team that brought the plan to fruition, visit vernalpools.me. Contact: Erin Miller, 207.581.3204

Sen. King to talk on climate change and its impact on Maine

19 Oct 2016

Climate change and its impact on Maine will be the focus of an address by U.S. Sen. Angus King when he gives the Senator Margaret Chase Smith Public Affairs Lecture at the University of Maine Nov. 10. King's address, "Maine and Climate Change: The View from Greenland" begins at 3:30 p.m., in the Collins Center for the Arts. The event is free and open to the public. For more information or to request a disability accommodation, call 581.1648. Since 2013, King has served as Maine's first independent U.S. senator. He sits on five committees — Rules and Administration, Intelligence, Armed Services, Budget, and Energy and Natural Resources. King is a former two-term Maine governor. 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 Senator Margaret Chase Smith Lectureship on Public Affairs was endowed in 1989 by the Margaret Chase Smith Foundation in honor of Sen. Smith's contributions to Maine and to the nation. Contact: Margaret Nagle, 207.581.3745

WVH previews upcoming events at UMaine Museum of Art

19 Oct 2016

[WVH](#) (channel 7) aired a conversation with Kat Johnson, education coordinator at the University of Maine Museum of Art in Bangor. In the chat, Johnson previewed some of the upcoming events at the museum.

Fried interviewed on Trump family's low profile in campaign's homestretch

19 Oct 2016

[Bloomberg Politics](#) interviewed Amy Fried, chairwoman of the University of Maine's political science department, for a story on the Trump family keeping a low profile in the final weeks of the presidential campaign. In the story, Fried questioned whether Melania Trump's recent interview on CNN was helpful to her husband. The [Chicago Tribune](#) also carried the Bloomberg Politics story.

Fried talks with CBC about Trump's support in the 2nd Congressional District

19 Oct 2016

A Canadian freelance journalist interviewed Amy Fried for the [CBC](#) during a trip to Bangor to cover Donald Trump's recent

appearance at the Cross Insurance Center. Fried, chairwoman of the University of Maine's political science department, talked about the the economic dynamics that are driving support for Trump in Maine's 2nd Congressional District.

National Guard members use tuition waivers to take classes at UMaine

19 Oct 2016

The [Bangor Daily News](#) included a brief update on a new program that provides tuition waivers to members of Maine's National Guard. According to the office of Maine House Minority Leader Ken Fredette, who co-sponsored the bill creating the program, 54 guard members are using the tuition breaks to take courses at the University of Maine.

Fried interviewed by WLBZ on 2nd District money race

19 Oct 2016

[WLBZ](#) (channel 2) talked with Amy Fried, chairwoman of the the University of Maine's political science department, about escalating spending in the race for Maine's 2nd Congressional District seat. According to the station, newly released campaign finance reports show that spending by Republican Congressman Bruce Poliquin, Democratic challenger Emily Cain and outside groups has reached \$11 million. Fried notes that the 2nd District may be even more competitive this year, due to the tight race between Donald Trump and Hillary Clinton for the district's one electoral vote.

UMaine creates Stephen King Chair in Literature, AP reports

19 Oct 2016

The Associated Press reported that the University of Maine is now accepting applications to fill the five-year Stephen E. King Chair in Literature. Partially endowed by the Harold Alfond Foundation, the appointment will begin in August, according to the AP. The university's decision to honor one of its most famous graduates comes as the author prepares to talk about his time in Orono and read from his latest book, "Hearts in Suspension," on Nov. 7 at the Collins Center for the Arts. [The Washington Times](#), [The Seattle Times](#), My San Antonio Express-News, Review Times, [Gulf News](#), [KFDM TV](#) in Southeast Texas and the [University Herald](#) carried the AP report.

UMaine Bureau of Labor Education to celebrate 50th anniversary

19 Oct 2016

The University of Maine Bureau of Labor Education will hold an event to commemorate 50 years of service to the working women and men of Maine on Oct. 27. Edward C. Schlick, former communications director of the Maine AFL-CIO, friend of labor, activist and artist (1928–2013), will be honored with an unveiling of five new prints from his "Labor Legacy Series" of linocuts. The prints were donated to the Bureau of Labor Education by Schlick and re-edited by Edward Porter, former head of the printmaking department at the Nova Scotia College of Art and Design; and Schlick's daughter, Karen Schlick, an artist and NSCAD graduate in printmaking. The prints were made at the Mahone Bay print shop in Nova Scotia. Copies of Charles Scontras' newly revised book, "Time-line of Selected Highlights of Maine Labor History 1636–2015," also will be available. Scontras is a historian and research associate at the Bureau of Labor Education. The event, which will be held 4–6 p.m. in the Buchanan Alumni House on campus, is open to the public and includes light hors d'oeuvres and a cash bar. Admission is free but RSVPs are appreciated by calling 581.4124 or emailing kristina.cote@umit.maine.edu. "The Bureau of Labor Education connects working people with the University of Maine's immense intellectual, artistic and educational resources," says director Marc Cryer. "The bureau provides workers with the training and research necessary to make sense of the historical, legal and economic contexts within which they live, and offers university students classes that look at history, economy and law from the perspective of the working class." More information is [online](#).

Hutchinson Center to host conference on developing sustainable communities

19 Oct 2016

"ReDesigning Culture" by sharing stories of hope, with a focus on local, national and international efforts toward developing peaceful, just, ethical and sustainable communities, will be the focus of this year's conference by ESTIA: The International Ecopeace Community, Oct. 28 at the University of Maine Hutchinson Center in Belfast. The conference, from 8:30 a.m. to 5

p.m., will be highlighted by keynote addresses by Ralph White, co-founder of the New York Open Center, America's leading urban institution of holistic learning visited by 60,000 visitors annually; Joline Blais, associate professor of new media at UMaine, co-director of Still Water and co-founder of LongGreenHouse; and Deb Soule and Tom Griffin of Avena Botanicals and Hope's Edge Farm. Other topics at the conference include: the wisdom of Rudolf Steiner; the inclusion of indigenous people's wisdom traditions; the creation of Jonno's Place, a Camphill-inspired ecovillage; and biodynamic farming and the healing qualities of plants. Roundtable discussions will focus on cultural aspects of sustainability. Artists Tori Morrill and Paul D'Alessio will play music for world peace. ESTIA is a Maine-based nonprofit organization established in 2004 to promote and facilitate sustainability and peace through education. The goal of the conference is the redesigning of an Earth community in the United States and abroad consisting of social, cultural, ethical, economic and physical environments in which we can satisfy our needs and aspirations without diminishing the chances of future generations through ethical action for the restoration of a planet in peril. The conference is \$35 for the general public; \$25 for seniors; \$15 for students. Lunch is an additional \$5. To register, contact Kim Raymond at 338.8034, kim.raymond@maine.edu; or Emily Markides at emily.markides@umit.maine.edu.

Marine sciences undergrads to demo, launch unmanned sailboat on European voyage

19 Oct 2016

Students in the University of Maine Marine Sciences Club are partnering with area schoolchildren to enter the 2016 Atlantic Miniboat Regatta with a nearly 5-foot unmanned sailboat equipped with GPS to track its voyage to Europe by way of the ocean currents. The regatta is organized by Educational Passages, a Belfast, Maine-based program that teaches school-age children about ocean sciences. Since 2008, the program has worked with university partners and others to help elementary, middle and high schools sponsor and launch more than 50 small boats in Maine and across the globe. Schools, colleges and organizations from as many as eight countries are scheduled to take part in this fall's regatta. The goal of the event is to have as many of the little boats as possible circle the entire North Atlantic Ocean. Onboard GPS tracking will allow Marine Sciences Club members and other regatta participants to figure out when their vessels are close to making landfall. The minisailboats are expected to make multiple stops on their voyages around the North Atlantic. All of them will carry instructions, asking those who find the boats to take them to nearby schools. Regatta participants will then work with their new school partners to relaunch the boats. "We want to raise awareness about ocean currents and try to educate people, especially young children, about the ocean," says sophomore Emily Tarr, a UMaine marine sciences major and club member. For all its sophistication, the UMaine miniboat looks simple on the outside, a slightly larger version of the kind a toddler might play with in the bathtub. The nearly 5-foot hull is white with a red stripe around the base. A diamond-shaped, white sail with a red border stands upright at the end of the bow. The Marine Sciences Club is partnering with the Maine Coastal Program on the project. Both are working with Educational Passages to get local elementary, middle and high schools to participate. Students will be able to follow the UMaine minivessel's progress via the Educational Passages [website](#). Members of the Marine Sciences Club will test the seaworthiness of the small sailboat in the Alford W² Ocean Engineering lab in the UMaine Advanced Structures and Composites Center. It will then be transported to Portland. There, a member of the Portland Fish Exchange's fishing fleet will take the minivessel out beyond the Gulf of Maine and launch it into the open ocean. The miniboat is expected to follow the currents in the North Atlantic Gyre and, if all goes well, reach Europe in a few months. Along the way, its GPS will send pings back to club members twice a day. It will also collect wave, wind and other data that students will be able to study. It's the same kind of data that Argo floats provide in real time, on the internet, as they bob along at different depths in oceans across the globe. "But this is data that you personally are gathering yourself and you have a more personal connection to it," says UMaine junior Emily Craig, another club member and marine sciences major. "You're doing the science and seeing the results, which I think is really cool." It's the first time that the University of Maine has partnered with Educational Passages on the launch of a miniboat. "One of the biggest things facing us right now is climate change and one of the biggest players in climate change is the ocean," says William Ellis, UMaine associate professor of oceanography and associate director of the School of Marine Sciences. "We're educating young people that it's not just one country's problem, it's not just one region's problem. We really need to be working, as a planet. People from other cultures need to agree on things. The oceans know no bounds. We have to approach this globally. And it's exciting to see this level of connection." Contact: William Ellis, 207.944.2759

Head of student GOP group quoted in election story

20 Oct 2016

The [Sun Journal](#) talked with University of Maine student Abby Bennett, who heads the Maine Federation of College Republicans, for a story on how politically involved college students view the presidential election. "I see a lot of involvement," Bennett told the newspaper, noting that many GOP students "are participating, mostly for local elections."

Inside Higher Ed publishes Socolow column on getting scooped

20 Oct 2016

Associate Professor of Communication and Journalism Michael Socolow wrote a column for [Inside Higher Ed](#) about what it's like to put a lot of time and research into a book project, only to get scooped by another writer. Socolow began collecting material in 1999 for a possible book on the U.S. crew team that competed at the 1936 Olympics in Berlin. In 2012, Slate accepted Socolow's pitch to write a story about the team, ahead of the 2012 London Olympics. The story took off on the web and Socolow started getting calls from New York literary agents. Only after interest in a possible book deal abruptly subsided did Socolow learn that another author had already inked a big contract to publish a book on the same subject. Socolow was dismayed to see some of his research material end up in that book, "The Boys in the Boat," which went on to become a New York Times bestseller. There's a silver lining to the story though. Socolow reshaped his proposal into a broader narrative that uses the story of the rowers to tell a larger, historical tale about the beginning of global sports broadcasting and the role Nazi radio authorities played in its birth. "[Six Minutes in Berlin](#)" will be published later this month by the University of Illinois Press.

Race to be held in memory of former UMaine swimmer

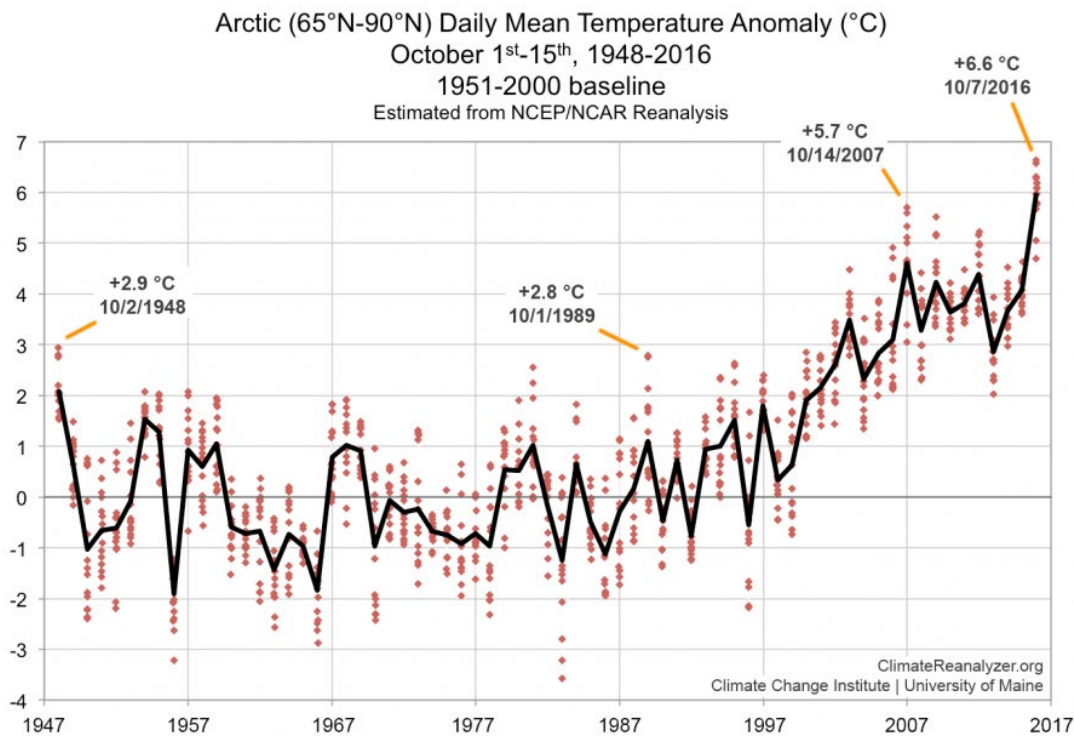
20 Oct 2016

Nicole's Trick or Trot, a 5K race in memory of UMaine swimmer Nicole Langlois, will be held Oct. 30, with proceeds benefiting the Make-A-Wish Foundation. The inaugural race is organized by the UMaine School of Nursing, Orono Student Nurses Association and UMaine Swim. Registration begins at 9 a.m.; the race begins at 10 a.m. Participants are encouraged to dress in Halloween costumes to be eligible for prizes. Prizes also will be awarded for first-place runners by age groups. Cost is \$20 per participant. The goal is to raise \$7,000 — the estimated cost to grant the wish of a child with a life-threatening illness. Registration is [online](#); donations also are being accepted on [GoFundMe](#).

Record early-October warmth across the Arctic

21 Oct 2016

The first half of October 2016 was likely the warmest across the Arctic for this time of year since at least 1948, says Maine's state climatologist. In the Arctic — 65–90 degrees north latitude — on Oct. 7, 2016, the mean daily temperature averaged a balmy minus 3.5 C (25.7 F), a value that's 6.6 C above the 1951–2000 historical mean, says Sean Birkel, who also is a research assistant professor at the Climate Change Institute at the University of Maine. This temperature departure from average, or anomaly, exceeds the previous record daily temperature anomaly of 5.7 C set Oct. 14, 2007. For comparison, prior to 2000, the highest Arctic-wide temperature anomaly for early October prior was 2.9 C, which was attained Oct. 2, 1948. These temperature anomaly estimates are based on output from a widely used climate reanalysis model developed by the National Center for Environmental Prediction and National Center for Atmospheric Research. [caption id="attachment_51861" align="aligncenter" width="654"]

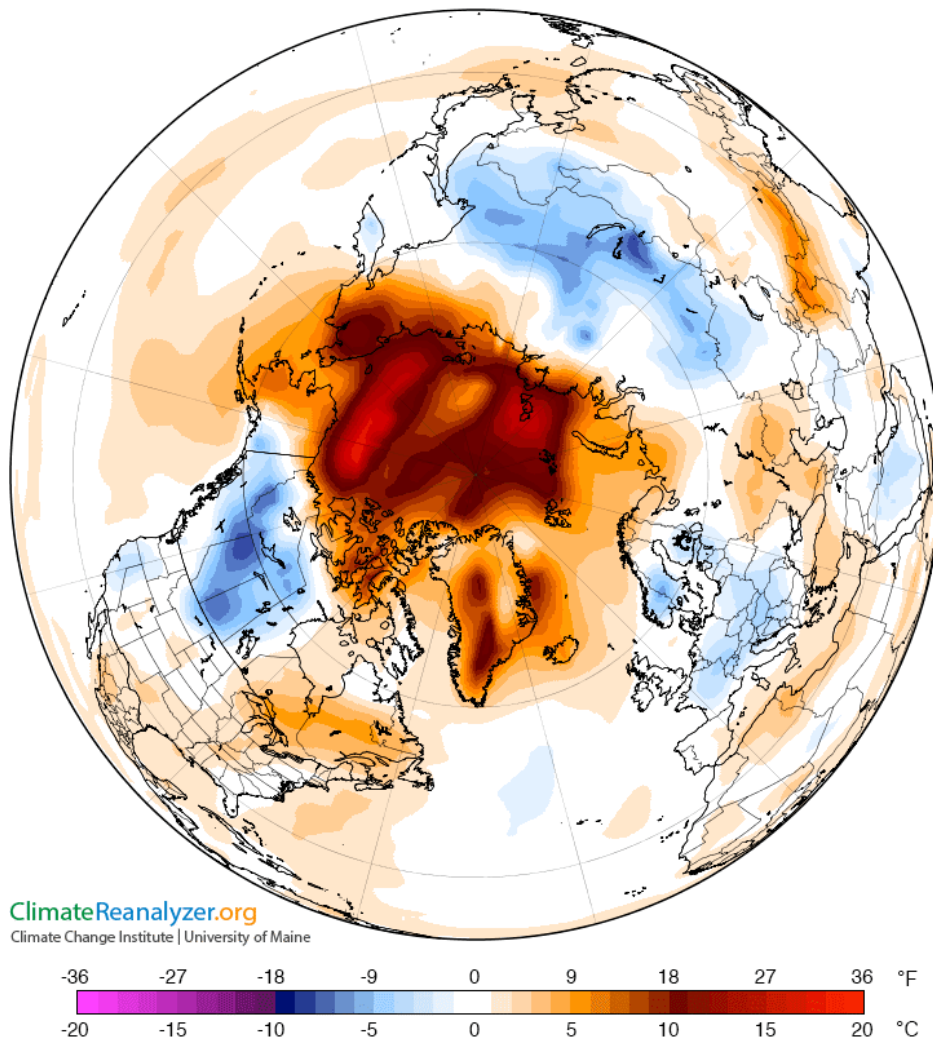


This time series plot shows Arctic-wide (65°N-90°N) daily mean temperature departures, or anomalies, of 1951–2000 climatology for the first 15 days of October from 1948–2016. A record-warm temperature anomaly registered at 6.6 C on Oct. 7, 2016. Other notable extremes are labeled for reference. The bold black line represents 15-day averages for each year. These temperature anomaly estimates are based on output from the National Centers for Environmental Prediction and the National Center for Atmospheric Research Reanalysis. Unprocessed data files are obtained from NOAA’s Oceanic and Atmospheric Research/Earth System Research Laboratory, Physical Sciences Division, Boulder, Colorado (esrl.noaa.gov/psd). [caption] Reanalysis models assimilate station, weather balloon and satellite data to reconstruct the state of the atmosphere across the globe or a region at regular time intervals. This is particularly valuable for estimating conditions across areas of the Earth for which few observations are available, including across the Arctic Basin, says Birkel. Record warmth in the Arctic has increasingly become the norm, he says, as feedbacks between declining snow/ice cover, the atmosphere, and the ocean have been observed. Unusual warmth this time of year is diagnostic of changing season length: Arctic summers are warmer and longer than they used to be, while winters are warmer and shorter. In turn, this year’s September minimum sea-ice extent tied that of 2007 as second-lowest in the satellite era. The record minimum was attained in 2012, says Birkel. The current October warmth results in large part from open water over broad areas historically covered by ice this time of year, he says. A steep decline of sea-ice cover has been linked to changing weather patterns across the Northern Hemisphere, including in Maine and New England, he says. [caption id="attachment_51857" align="aligncenter" width="564"]

Mean 2-meter Temperature Anomaly (1951-2000 baseline)

October 1st-15th, 2016

Estimated From NCEP/NCAR Reanalysis



This map shows average temperature anomalies from Oct. 1–15, 2016 across the Northern Hemisphere. The anomaly values are relative to a 1951–2000 climate baseline. Estimates are based on output from the National Centers for Environmental Prediction and the National Center for Atmospheric Research Reanalysis. Unprocessed data files are obtained from NOAA’s Oceanic and Atmospheric Research/Earth System Research Laboratory, Physical Sciences Division, Boulder, Colorado (esrl.noaa.gov/psd).[./caption] Rapid warming of the Arctic has reduced the mean temperature difference between the equator and pole, which some researchers suggest has slowed the westerly jet stream, says Birkel. This process leads to greater likelihood for the development of atmospheric blocking patterns that can cause heat waves, cold waves and extreme rainfall events in the middle latitudes, he says. On Oct. 3, Birkel and CCI director Paul Mayewski were part of a UMaine contingent attending the Maine-Arctic Forum in Portland, Maine, which focused on the Arctic’s changing climate and resulting economic opportunities and geopolitical concerns. To learn more about local and worldwide weather and climate, visit the [Climate Reanalyzer](http://ClimateReanalyzer.org). Birkel maintains the platform with support from the CCI, UMaine and the National Science Foundation. Also, a general overview of Maine’s climate is in the 2009 and 2015 [Maine’s Climate Future documents](#) produced by the UMaine Sea Grant and Climate Change Institute. Contact: Beth Staples, 207.581.3777

Mitchell talks civil discourse ahead of UMaine speech

21 Oct 2016

The [Bangor Daily News](#) reported that former Sen. George Mitchell spoke to clergy in Waterville Thursday about civil discourse in elections. Mitchell spoke in Waterville prior to arriving in Orono to give a talk on sustainability at the University

of Maine's [Senator George J. Mitchell Center for Sustainability Solutions](#).

UMaine study cited in debate over cruise ship passenger limits

21 Oct 2016

The [Mount Desert Islander](#) mentioned an ongoing study by University of Maine Professor of Economics Todd Gabe in its coverage of the debate in Bar Harbor over a proposal to increase cruise ship passenger limits on certain "trial dates" in 2018. Members of the city's town council denied the request in a split vote on Tuesday. Gabe is currently conducting a study that measures the economic impact of cruise ship visits to the region.

Brewer mentioned in AP report on absentee ballots

21 Oct 2016

The Associated Press quoted University of Maine Political Science Professor Mark Brewer in a story on [Seacoastonline](#) about early voting in Maine. In the story, Brewer said numbers gathered by town clerks, showing Democrats outpacing Republicans in absentee ballots cast in both Maine congressional districts, suggests greater enthusiasm this year among Democratic voters.

System trustees approve graduate center startup funding, media report

21 Oct 2016

The [Portland Press Herald](#), [Mainebiz](#), [Bangor Daily News](#) and [WCSH](#) (Channel 6 in Portland) covered the University of Maine System board meeting, where trustees voted unanimously to approve \$15 million in first-stage funding to build a new graduate center for business, law and public policy in Portland. [WCSH](#), [BDN](#) and the [Press Herald](#) previewed initial plans for the graduate center last week. A new, integrated University of Maine Master of Business Administration program would be based in Portland, but would allow MBA candidates to continue to take courses in Orono and remotely. According to the Press Herald, the new MBA will include executive education and certificate programs. "We have created something that will attract people to come to Maine. Millennials are looking for this kind of integrated program," Eliot Cutler told the paper. Cutler developed the plan for the new \$150 million graduate center. In an editorial, the [Press Herald](#) praised plans for the center, saying it would help Maine's economy grow. [Inside Higher Ed](#) also reported on concerns about the center.

Visualizing complex scientific ideas subject of upcoming Emera Astronomy Center lecture

21 Oct 2016

Skilled computer animators and artists play an important role in helping the general public grasp complicated scientific concepts. Chuck Carter will discuss his work creating science visualizations in a Nov. 3 lecture at the Emera Astronomy Center. An experienced science illustrator, Carter also designs video games and virtual reality experiences. He's done science illustrations for NASA and his work has been featured in Scientific American and National Geographic. Carter owns Eagre Games in Orono. The Emera Astronomy Center talk is part of the Science Lecture Series, offered in partnership with the the Maine Science Festival. Lectures, held on the first Thursday of each month, feature research from a variety of science disciplines from around our state and use the digital planetarium to visualize these discoveries in a new, dramatic and immersive way.

Leading UMaine researcher perishes in accident in Antarctica

23 Oct 2016

Gordon Hamilton, a University of Maine professor in the School of Earth and Climate Sciences, and a researcher with the Climate Change Institute, died in a field accident Oct. 22 while conducting research in Antarctica. He was 50. Hamilton, a physical glaciologist, was working on White Island in the Ross Archipelago in Antarctica, an area where he has conducted research for several seasons, when the snowmobile he was riding hit a crevasse. He was killed in the 100-foot fall, according to the National Science Foundation. Hamilton was conducting NSF-funded research at the time of the accident. "The University of Maine has lost one of its leading scientists," says UMaine President Susan J. Hunter. "Gordon's glaciology research around the world — from Antarctica to Greenland — was second to none. He leaves a legacy as an outstanding scientist, and a caring mentor and well-known teacher to undergraduate and graduate students. He was an engaged, gregarious and beloved member

of the UMaine and Orono communities that now mourn his loss. Our heart-felt thoughts and prayers go to his wife, Fiona, and their two children, Martin and Calum, and his friends and colleagues around the world." Hamilton joined UMaine's Climate Change Institute in 2000 as an assistant research professor. Prior to coming to Maine, he was at the Byrd Polar and Climate Research Center at Ohio State University and the Norwegian Polar Institute in Oslo. Hamilton studied the behavior of modern ice sheets and their role in the climate system. His research focused on understanding ice sheet mass balance — how much mass is coming in and going out, and the processes responsible — and involved satellite remote sensing. His current research projects included ice-ocean interaction in Greenland and ice shelf stability in Antarctica. Hamilton also taught UMaine undergraduate and graduate courses, and was involved in statewide STEM initiatives for grades 9–12. "Gordon was the quintessential scientist and educator," says Jeffrey Hecker, UMaine executive vice president for academic affairs and provost. "His research informed his teaching and his community outreach — from schoolchildren to lawmakers and the media. He knew the importance of hands-on learning, and often took students into the field on his research expeditions. Students appreciated his depth of knowledge as a pioneering researcher, his dedication to being involved in student success and his style as an approachable, effective educator. He touched — and changed — many lives. Our thoughts are with his students — past and present — his family, and his many friends and colleagues." In a statement released Oct. 23, Climate Change Institute Director Paul Mayewski noted that the entire glaciology community held Hamilton in the absolute highest esteem. "His experience and devotion to understanding glacier dynamics and their role in our evolving climate system, notably with respect to sea level rise, were Gordon's scientific passions," Mayewski said in the statement. "He led many polar expeditions in the course of his research, trained many graduate students, lectured far and wide, and was a well-known science spokesman in many media outlets. "Those of us who shared time in the field with Gordon know how important he was not only as a fellow team member and scientist, but also how wonderful and how much fun it was to be with him. We send our deepest sympathy to his family and want them to know how much we appreciate the opportunity to have known him and how important his legacy is to our Institute and the scientific community," said Mayewski. University of Maine students, faculty or staff desiring support can call the UMaine Counseling Center, 581.1392, or the Dean of Students Office, 581.1406. Contact: Margaret Nagle, UMaine Division of Marketing and Communications, 207.581.3745; nagle@maine.edu Peter West, NSF Polar Outreach Program, 301.385.7140; pwest@nsf.gov Paul Mayewski, UMaine Climate Change Institute, 207.356.9592; paul.mayewski@maine.edu

Samuel Borer: Dancing among the stars

24 Oct 2016

When Samuel Borer isn't choreographing the University of Maine's next School of Performing Arts dance performance, running an ultramarathon, protecting the nation from weapons of mass destruction or figuring out new ways to detect one of the physical world's most elusive subatomic particles, he's probably thinking about space exploration. Borer has wanted to be an astronaut since he was 9 years old, and while he has yet to truly extricate himself from the gravitational binds of our pale blue dot, this past summer he had the opportunity to feel the simulated weightlessness of space in a specially modified Boeing 727. "We flew in the plane that NASA contracts. The entire interior is padded and they'll pull really high G's for about a minute," says Borer. "You lie on the ground, and it feels kind of like someone's pouring cement on your chest and as you get up in altitude, you just start to get lighter and lighter and, suddenly, you lift up off the floor and you're floating." Throughout a series of steep climbs and dives called parabolic flight, passengers on the plane experience the sensation of weightlessness. These flights are an important part of astronaut training. "It's the coolest experience ever, and it's something you really can't describe," says Borer. Borer was a contestant in the 2016 Xploration Outer Space Student Astronaut Contest. As the winner he was invited to take part in the Zero-G flight. "It was great to get the validation that what you are doing to accomplish your goals is working," said Borer, noting that becoming an astronaut is perhaps one of the most competitive professional endeavors that exists. Xploration Outer Space is a weekly syndicated television program that highlights new science in space exploration. An episode featuring Borer and his experience will air on Fox TV, Hulu and Amazon Prime the second week of November. Borer grew up in a military family. His father was in the Air Force and he spent the first half of his life growing up in a small town in the U.K. before moving to Minnesota. After graduating high school from the Saint Paul Conservatory for Performing Artists, Borer intended to move to Los Angeles to pursue a career in professional dance. However an injury and change of direction brought him to UMaine in 2011. Currently a senior in the Honors College, Borer is completing a degree in physics with a minor in astronomy, as well as a degree in mathematics with a minor in statistics. He is expecting to graduate in 2018. In addition to his rigorous academic program, Borer is an active member of the Maine Air National Guard, where he works as a chemical, biological, radiological and nuclear (CBRN) emergency management specialist. His job entails assessing the threat and vulnerability of our nation's military assets in respect to attacks from weapons of mass destruction. Borer has served overseas in both Kuwait and Afghanistan, and currently holds the rank of staff sergeant. Over the summer, Borer was a research intern in the Neutrino Physics Division at the Fermi National Accelerator Laboratory (Fermilab) outside of Chicago. During his internship, Borer worked to help develop groundbreaking new tools to identify subatomic particles, including

neutrinos. Despite being one of the most abundant fundamental particles in the universe, neutrinos are famously difficult to detect and rarely play by the rules of physics, at least as we currently understand them. Fermilab is a leader in the research of neutrino physics. Borer worked on the LArIAT experiment, which is a smaller, precursor study to the Deep Underground Neutrino Experiment (DUNE), which is slated to be the largest neutrino detector experiment ever conducted. Borer regards the internship experience as a defining moment in his burgeoning career as a scientist. “The opportunity to surround yourself with professional physicists and engineers who are trying to unlock the mysteries of the universe is unparalleled,” says Borer. After the internship, Borer was asked to join the Fermilab research team as a full collaborator. He is currently investigating the use of machine learning in analyzing data to identify unknown subatomic particles, working in collaboration with Saima Farooq, a lecturer in the UMaine Department of Physics and Astronomy, and Jennifer Raaf, an associate scientist at Fermilab. Despite numerous successes in his academic career in physics and mathematics, Borer has recently turned his scientific interests to neurobiology, and this semester he began taking pre-medical prerequisite classes. “I think the brain is the most amazing thing in the entire universe,” says Borer. “It is complex, confusing and crucial, yet it has such an elegance and beauty to it. “The fact that science still has many big questions is one of the greatest things about it. We (scientists) recognize that it is okay not to have an answer to something as long as you still pursue the best questions.” Borer is always in pursuit of new “best questions.”

Why UMaine? I originally came to UMaine just following my twin sister here, who had been accepted to the social work program. In some sense it was purely by chance, which is amazing to think about since I am now so integrated into the university. I stayed at UMaine because of the people who influenced me. UMaine is filled with people who are passionate in their craft and want to better themselves so that they can better serve others. Those are the kind of people I want to surround myself with. **How has UMaine shaped your academic interests?** UMaine has been a catalyst for my growth academically and when I look back it is hard to imagine where I would be if I did not open myself to all the opportunities UMaine has given me. When I came to UMaine as a freshman, there was no way I would have guessed I would end up as a physics and mathematics major. In fact, I did not think I was capable of handling the academic rigor of those disciplines. I originally came in as a mechanical engineering student and was blown away by the opportunities available. Within a month I was involved in designing a 3-D printer for the Robotics Club, building a small-scale formula car with FSAE, and teaching dance in the Hip Hop Club. These experiences gave me an opportunity to meet other people and share experiences with the UMaine community. I took PHY 122 with Dr. George Bernhardt and his enthusiasm for physics is what caused the initial interest in physics. I switched into physics and everything took off from there. It has been a crazy and amazing ride and UMaine brought me to where I needed to be, whether I knew it at the time or not. **How would you define the opportunities for student success at UMaine? Is there any particular initiative, program or set of resources that helped you succeed?** The best part about UMaine is the diversity in opportunities for student success. I was able to find an opportunity for every aspect of my life and the sum of all of those has been the greatest contributor to my success. The only limiting factor is you and the time/effort you are willing to put in. If you want to learn to dance, we have five incredible dance clubs specializing in all types of dance styles. If you want to learn about investing, we have a student managed investment fund of over \$2.3 million that you can participate in. If you want to learn about UMaine traditions and history, we have four traditions societies that have been an integral part of UMaine’s history for more than 100 years. There is a niche and club for anything you want. If there is something you want to participate in that we do not currently have, you can work with the UMaine Student Government and start the organization yourself with their support. Being involved in so many amazing clubs and organizations has been one of the biggest contributions to shaping who I am today. **What are your plans for your time following UMaine?** After I graduate, I plan to head off to medical school. I will have six years in the military and will most likely continue through medical school. There is just a lot more school in the future, with four years of medical school and then seven years of surgical residency. I am very excited to get the chance to join the Medical Corps and help people in medical need. I cannot think of a better way to spend my time. **What advice do you have for incoming students to help them get off to the best start academically?** The best thing I have found to help your academics is to make a study group with people in your class. Working through homework together, studying for tests together, discussing the textbook together, it can be amazing how well you will know the information. Working in small groups is fantastic because it allows you to have a sounding board for your ideas. Also, it gives you an opportunity to teach the material to someone and if you can understand it well enough to teach it, then you will do well. Also, get to know your professors, especially those in your department. These are working professionals who have a wealth of information to share with you. These are also people who might conduct research that you are interested in. They are who you will be looking to for letters of recommendation also. Finally, make sure you take time for yourself. Getting good sleep is of equal importance to studying for your test. You cannot perform at your best if you are not taking care of yourself. There are many resources around campus and people who want to help you succeed, utilize them. Contact: Walter Beckwith, 581.3729

Fogler workshop to offer graduate student research tips

24 Oct 2016

Fogler Library Reference Services will hold a free workshop from noon to 1 p.m. Wednesday, Oct. 26 in Fogler’s Library

Classroom. The workshop will cover a variety of topics geared toward graduate students conducting research at UMaine, including:

- How to access full-text articles on the open web;
- How to manage citations for literature reviews;
- Grant-seeking resources for research or creative projects; and
- Finding appropriate publications to submit research.

Attendees also can [request additional topics](#) prior to the workshop. RSVP by using the online [form](#).

UMaine swim teams to honor Nicole Langlois, BDN reports

24 Oct 2016

The [Bangor Daily News](#) reported the University of Maine's swimming and diving teams will host a road race later this month in honor of late teammate Nicole Langlois. Langlois died from complications of breast cancer Sept. 15.

Maine Public Radio cites crop insurance expert in story on drought relief

24 Oct 2016

[Maine Public Radio](#) talked with Erin Roche, a crop insurance specialist with the University of Maine Cooperative Extension, for a new federally subsidized insurance plan for hay and other forage crops that have been hurt by Maine's drought. Farmers now can enroll in the new pilot program, which makes payouts based on whether the rainfall in a given season falls below a certain percentage of 50-year average rainfall data, collected by the National Oceanic and Atmospheric Administration.

Bangor Daily News profiles Witter Farm

24 Oct 2016

The [Bangor Daily News](#) profiled the University of Maine's J.F. Witter Teaching and Research Center for its Homestead section. In the piece, the farm's new superintendent talked about the ongoing challenge of finding ways to make infrastructure improvements at a time when funding is scarce. "Anything you do is expensive, when you're at the level we're at," said Josh Hatley. "I see the need for modernization, to become the leaders in research and education for the Maine agricultural community. And we have plans for that."

Portland Press Herald reports on UMaine-sponsored expos for farms, fisheries

24 Oct 2016

The [Portland Press Herald](#) reported that Sodexo, a food service company, and the University of Maine will hold workshops for farms, fisheries and other businesses that want to expand their market reach. The Scaling Up expos are scheduled for Nov. 1 and 3.

Maine Public Radio quotes Brewer in story on transportation bond

24 Oct 2016

[Maine Public Radio](#) spoke with University of Maine political science professor Mark Brewer for a recent story on the transportation bond before voters on the November ballot. In the story, Brewer says he'd be surprised if the bond failed to pass, even in such an unpredictable election year.

Socolow explores rowers' search for on-the-water transcendence

24 Oct 2016

A recent piece in the [Boston Globe](#) by Michael Socolow, timed to last weekend's Head of the Charles Regatta, looked at rowers' search for that elusive condition known as swing. "Swing is ephemeral and almost indescribable," wrote Socolow, an

associate professor of communications and journalism at the University of Maine. “It’s the challenge that keeps oarsmen rowing. It’s the moment when the physical propulsion of a shell evolves into a metaphysical feeling of transcendence. This is the essence of crew.”

AP, Maine Public report students to launch minisailboat headed to Europe

24 Oct 2016

The Associated Press covered a plan by the University of Maine’s Marine Sciences Club to launch a minisailboat, armed with a GPS system, on a voyage to Europe. The boat, which is about 5 feet long, is taking part in the 2016 Atlantic Miniboat Regatta. Schools, colleges and organizations in several other countries also are launching boats. [Maine Public](#) and [The Eagle](#) in Bryan-College Station, Texas carried the AP report.

Media cover death of UMaine climate scientist Gordon Hamilton

24 Oct 2016

Media across the state, country and world reported on the death of University of Maine climate scientist Gordon Hamilton, who was killed in Antarctica on Saturday, when the snowmobile he was riding fell into a 100-foot crevasse. [The New York Times](#), [The Washington Post](#), [Daily Mail](#), [Bangor Daily News](#), [Portland Press Herald](#), [New Scientist](#), [Men's Journal](#) and local television stations all published or aired stories on Hamilton’s death. Associated Press stories on the accident were carried by ABC News, [The Seattle Times](#), [Fox News](#) and [The Boston Globe](#).

UMaine PD training exercise scheduled for Oct. 26

25 Oct 2016

The University of Maine Police Department will conduct a training exercise for Naval/Marine/Army ROTC personnel from 2:30–5 p.m., Oct. 26 in Coburn Hall. The training will include simulated gunfire. For more information, contact Lt. Bob Norman, UMaine PD, 581.4040.

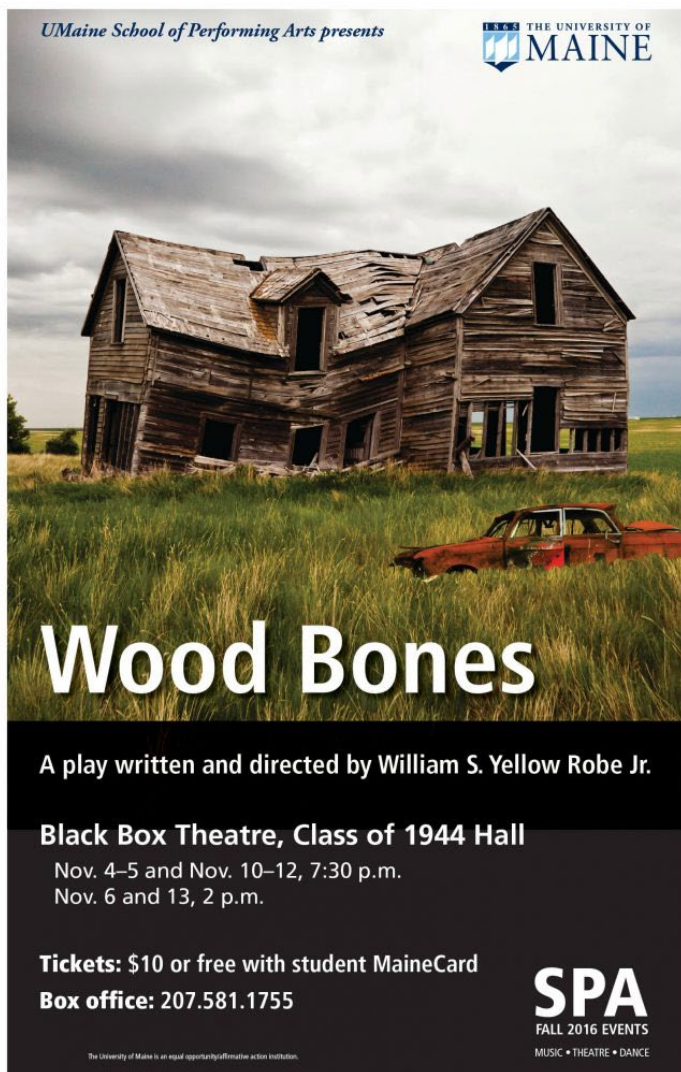
Life-altering impact of war subject of multimedia performance at CCA

25 Oct 2016

A multimedia documentary theater piece about the life-altering impact of war on veterans and their families will be performed at 8 p.m. Saturday, Oct. 29, at the Collins Center for the Arts at the University of Maine. BASETRACK LIVE is a viscerally powerful collaboration between the award-winning theater company En Garde Arts and corpsmen from the 1st Battalion, 8th Marines from Camp Lejeune. Two actors play the real-life characters of AJ and Melissa Czubai, a young Marine and his wife. The raw, warm, humorous piece follows the couple’s journey through AJ’s deployment to Afghanistan, the birth of their child while AJ is overseas and the injury that sends him home. American Theatre called BASETRACK LIVE — which shows the transformation of ordinary people fundamentally changed by the extraordinary experience of fighting a war — “boundary breaking.” A live musician plays an electroacoustic score throughout the show. And in the background, award-winning photography and videos from embedded photographers show the landscape of Afghanistan. Skype interviews with spouses present a realistic portrait of what life is like for families left behind. “This show is as much about families as it is veterans,” says CCA executive director Danny Williams. “It is particularly relevant given Maine’s sizable population of military families.” For more information and to purchase tickets, visit collinscenterforthearts.com. Tickets are \$24–\$29 for the general public and \$15–\$20 for active and retired military members and their families. Call 207.581.1755 for the military discount and to request a disability accommodation. In addition, \$6 tickets are available for high school students. Orders that include student tickets must be purchased in person or by phone and may only be picked up at the box office the night of the show. The University of Maine Cultural Affairs/Distinguished Lecture Series Fund provided support for the BASETRACK LIVE performance.

Students to premiere William S. Yellow Robe Jr. play at Black Box Theatre

25 Oct 2016



A cast of nine undergraduates will premiere “Wood Bones,” a play by Assiniboiné playwright William Yellow Robe Jr., at the University of Maine Nov. 4. Yellow Robe will direct the production, which is part of the School of Performing Arts season. Performances in the Black Box Theatre are at 7:30 p.m., Nov. 4–5 and Nov. 10–12; and 2 p.m. on Nov. 6 and Nov. 13. Tickets are \$10 and available [online](#). For more information or to request a disability accommodation, call 581.4703. The full-length play reminds audience members what they take and leave behind in their most secure and comfort places of life, says Yellow Robe, a member of the Assiniboiné Tribe from the Fort Peck Reservation in northeastern Montana and a Visiting Libra Diversity Professor in the UMaine Department of English. The main character in “Wood Bones” isn’t actually a person, though it’s portrayed by one onstage. Rather, 121 is the number of a house near a South Dakota reservation. As a character, 121 is a mixture of spirit energy, drawn from the people who have lived in the house over a 50-year period. The play begins with, and periodically returns to, an ongoing dialogue between a Native man, Leroy and 121. Through their conversations, characters who once lived in the house are introduced, with key moments in their lives, experienced at 121, playing out onstage. Through a process of ritual that last several days, 121 remembers and reproduces all the lives and events that have occurred in the space called “home.” “Wood Bones” is not a story of ghosts or the paranormal; it combines drama with strong references of Native tribal cultures and Native tribal theatre. Contact: Jay Field, 207.581.3721 (M, TH, F); 207.338.8068 (Tu, W)

Workshop to explore allies’ role in promoting social change

25 Oct 2016

A presentation to deepen non-Native Mainers’ understanding of shared history with Wabanaki people will be held from 9:30 a.m. to 4 p.m. Saturday, Oct. 29, on the fourth floor of Colvin Hall at the University of Maine. The free Maine Wabanaki-REACH Ally Workshop, which will be presented by non-Natives, will include discussion of awareness of white privilege and information about the role of an ally in promoting social change. In addition to broadening understanding of Wabanaki people’s shared history with non-Native Mainers, goals include comprehending Wabanaki trauma and resilience associated

with the history and strategies for healing, justice and compassion, including at the University of Maine. Penthea Burns and Barbara Kates are facilitators. Burns is a senior associate at the Muskie School of Public Service and was involved in the development of the Maine Wabanaki-State Child Welfare Truth and Reconciliation Commission. Burns co-directs Maine-Wabanaki REACH. Kates is a Maine community organizer for Maine-Wabanaki REACH. She has more than 25 years of experience providing professional and community education, directing family service programs and facilitating community meetings. Space is limited and registration is required. For more information and to register, email barbara@mainewabanakireach.org or call 951.4874. Lunch will be provided.

CNBC cites Lobster Institute in report on food trucks, lobster prices

25 Oct 2016

[CNBC](#) spoke with Bob Bayer, director of the University of Maine's Lobster Institute, for a story on the surging demand for lobster in the U.S. and abroad. "Lobster demand usually follows the stock market and general economy," Bayer said. "When the economy is good, lobster demand is good." The story also notes one of the reasons prices were high in August, September and October is that processors have been buying lobster for customers such as lobster roll trucks, putting them in direct competition with buyers in the live lobster market. Bayer also was quoted in the [Chicago Tribune](#) article, "Chicago lobster joints feeling the pinch of price hike."

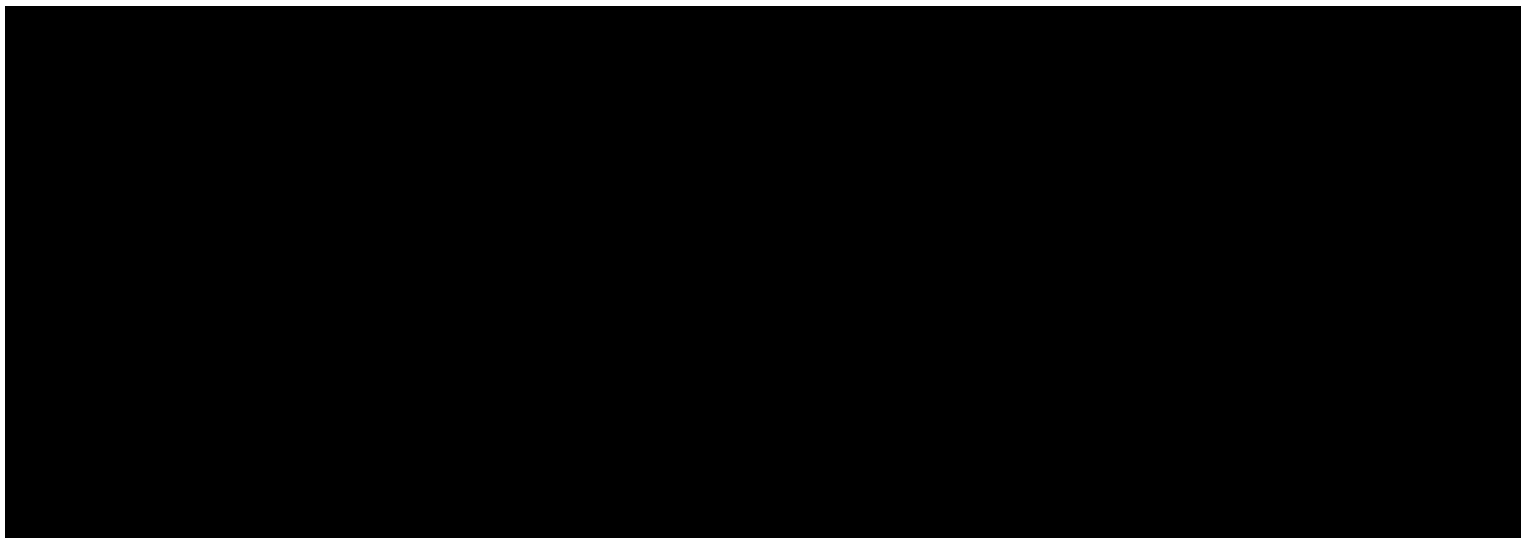
New York Times remembers the life and work of Gordon Hamilton

25 Oct 2016

The New York Times remembered the life and work of University of Maine climate scientist Gordon Hamilton, after his death in a snowmobile accident in Antarctica. In an [appreciation](#), published in the newspaper's Dot Earth blog, science writer Andrew C. Revkin wrote, "In probing the fast-changing ice sheets of Antarctica and Greenland, Gordon Hamilton of the University of Maine exemplified the qualities in the rare breed of scientists, engineers and field staff willing to go to extremes — literally — to help clarify the pace at which seas will rise as warming glacial ice melts." The Times published another [remembrance](#) of Hamilton in its regular column on climate change, By Degrees. In the piece, reporter Justin Gillis recalls a trip he took with Hamilton to Greenland in 2010. "The helicopter hovered 30 feet above a fjord in Greenland, a thrumming red speck of human ingenuity in a vast wilderness of rock and ice. Gordon Hamilton leaned out the right side at a crazy angle, dropping a scientific instrument into the water below. He wore a seat belt for safety, but he looked as if he might break free at any moment and plunge into the icy water. He must have seen the worried look on my face, and he shot me a big grin. That moment, that smile: That is how I will always remember him, a man willing to court danger to do the job he loved." The Associated Press also published an article remembering Hamilton as "a gregarious climate scientist who lightened the mood of those around him." ABC News and [The Japan Times](#) carried the latest AP report and the [Bangor Daily News](#) also published a memorial piece.

Community: Growing Maine — Treworgy Family Orchards

25 Oct 2016





[Read transcript](#) The latest installment of the University of Maine Cooperative Extension's "Growing Maine" series tells the story of Patty and Gary Treworgy and their children on their second-generation orchard and family farm. Treworgy Family Orchards in Levant had a rough start after the first planting of apples failed. But with perseverance and by "starting small," the farm grew to be a destination for over 35,000 visitors each year. The "Growing Maine" short documentaries highlight Maine food producers and farm families. The series helps consumers get to know their food sources better, as farmers and producers share their "behind-the-scenes" perspectives on how decisions are made.

Transcript

Narrator: University of Maine Cooperative Extension helps farmers and food producers bring you the local foods you love. These are the stories of the families who are "Growing Maine." **Matt Pellerin:** So it started with Gary and Patty. Gary's first profession was he worked as a merchant marine and so he would take long shipping trips overseas. **Patty Treworgy:** He was away more than he was home and our daughters were growing up not knowing their daddy. He shipped until '85 but in '82 we started seriously looking at other businesses. **Matt Pellerin:** And finally they found farming. **Patty Treworgy:** In 1984 we planted 1,400 semi-dwarf trees. They all died. **Gary Treworgy:** I had no experience with growing trees — growing anything. I read and you can read all you want but until you do it you really don't quite get it. So that environment fostered roundheaded apple tree borer. I contacted Extension and they came out and looked and they did they looked into it quite a bit and they said you're probably better off just take them all out and start over again. **Patty Treworgy:** Gary was all done with farming. He was going to sell the tractor, sell the tiller, the bush hog. **Gary Treworgy:** I put it all up for sale. **Patty Treworgy:** And nobody bought a thing. **Matt Pellerin:** A few years later Patty convinced him to try again. **Patty Treworgy:** Our first step was we planted 1,400 trees. That was too much. **Matt Pellerin:** And this time they only planted one acre of apples. **Robin Pellerin:** I remember actually the first customer that ever came we were just all so excited it had finally happened we sold something to someone. **Patty Treworgy:** Our intention was to have a pick-your-own apple orchard. **Gary Treworgy:** But people really enjoyed the experience and picking from the ground is very fast. They would come out and have their apples within like 10 minutes and then they would say "what else can we do?" **Patty Treworgy:** People would say, "When I get my apples I like to get my pumpkins." So right out back here we planted maybe not even a ¼ acre of pumpkins and we harvested probably 10 of them we decided after that we could do it. My advice is if you think it is a good idea try it don't be afraid of trying it and then if you really like it then go bigger. But start small. So we put a gift shop in and then we put an ice cream shop in then the corn maze came in 2001. And along the way our daughters were in their early teens and the animals started coming. **Matt Pellerin:** Whenever we start something new we always try and start at a medium or small size rather than a huge size so we can allow our experience to catch up to the size of our operation. **Patty Treworgy:** If we're going to start something new, we have to decide so who is going to be in charge of this, who is going to own this. **Matt Pellerin:** Early on when things were smaller a lot of that was really informal but now as things have grown we have to have very specific roles. **Robin Pellerin:** We have farm meetings. So we all get together on an afternoon or an evening and talk about what is going on and those big picture questions that are easy to lose sight of. **Patty Treworgy:** Did you compare ice cream sales with last year's ice cream sales? Just ice cream not anything else. **Jon Kenerson:** Well it is hard because we're counting things differently like pizza. I could but it's not a simple line. **Patty Treworgy:** The other thing that Jon noticed was that our payroll is in better shape this year than last year. **Matt Pellerin:** There's a few ventures that we have started recently that I think are going to grow a lot and we're learning our mistakes and we're ready to expand and really develop a business out of those. Beyond that, we have a lot of kids so we're hoping that they will come up with dreams and ideas about what to do with the farm and we can kind of facilitate them going through the same process that we have been through. [Back to post](#)

DeepCLiDAR completes predeployment validation, available for commercial lease or purchase

26 Oct 2016

Editor's note: Story updated Oct. 27. DeepCLiDAR, a floating light detection and ranging (LiDAR) system developed by the

University of Maine Advanced Structures and Composites Center and the Physical Oceanography Group (PhOG) of the School of Marine Sciences, has successfully completed a new deployment performance test 12 miles off the Maine coast in 65 meters of water. AWS Truepower validated DeepCLiDAR's data recovery and measurement accuracy against Carbon Trust's industry-standard performance criteria. With successful third-party validation complete, DeepCLiDAR is now available for commercial lease or purchase. DeepCLiDAR will help accelerate the development of the U.S. offshore wind industry by providing high-quality, low-cost offshore wind resource data, metocean monitoring and ecological characterization capabilities in remote marine environments. The recent five-month test concluded a robust, three-phase validation program that sequentially vetted the DeepCLiDAR's performance onshore, nearshore and offshore. The validation campaign was jointly developed by AWS Truepower and UMaine to characterize the floating LiDAR's measurements in the absence of an offshore meteorological tower. The basis for the system's evaluation and acceptance were the Key Performance Indicators and Acceptance Criteria defined by the Carbon Trust. "This technology will advance the U.S. and international offshore wind industry by providing a cost-effective method to assess the wind resource in areas traditionally off-limits to offshore wind developers," said Habib Dagher, executive director of the UMaine Advanced Structures and Composites Center. "The buoy is the first validated for use in the northeastern U.S. and will support the first floating wind farm in the U.S." "The DeepCLiDAR buoy system and electronics are based on ocean observing buoy technology developed and tested by UMaine's Physical Oceanography Group over the past 20 years in the Gulf of Maine and abroad," said Anthony Viselli, manager of Offshore Model Testing and Structural Design at the UMaine Composites Center. DeepCLiDAR, which can be deployed in virtually any depth, is fully self-powered through its solar panels and wind turbines and has operated autonomously for more than six months 12 miles off the Maine coast. DeepCLiDAR houses a modified WINDCUBE® Offshore LiDAR Remote Sensor, which has been adapted to a dynamic marine environment to measure wind conditions using laser technology up to 200 meters above the ocean surface. Both the U.S. Department of Energy and the Maine Technology Institute (MTI) provided funding to support the R&D leading to the successful validation of the DeepCLiDAR buoy, including this critical third-party validation of the technology. MTI has also provided funding for commercialization planning to bring this new technology to the offshore wind industry. "MTI has been pleased to provide funding to UMaine that has enabled the successful offshore validation of the DeepCLiDAR buoy," said MTI President Brian Whitney. "The third-party validation demonstrates that the buoy can conduct accurate wind resource assessments in the harsh northeast Atlantic and reveals that DeepCLiDAR is well-positioned to capitalize on the enormous potential of the worldwide offshore wind market." AWS Truepower, the third party that validated DeepCLiDAR, is one of the world's leading providers of renewable energy solutions to developers, investors, utilities and governments. "DeepCLiDAR performed well during its validation, exceeding the Carbon Trust's acceptance criteria for wind speed and direction measurements," said AWS Truepower principal engineer Matthew Filippelli. "In spite of the inherent challenges of validating floating LiDAR in the U.S. — notably, the absence of an offshore meteorological tower — the DeepCLiDAR has demonstrated a precommercial level of technical maturity. AWST considers this system valid for use in an offshore wind resource and design condition assessment campaign in similar metocean conditions." DeepCLiDAR was first deployed and validated in 2013 alongside UMaine's VolturUS 1:8 floating offshore wind turbine during its 18-month deployment off the coast of Castine, Maine. VolturUS 1:8 was the first grid-connected offshore wind turbine in the U.S. and the first in the world to use a concrete hull and composite material tower. Contact: Anthony Viselli, anthony.viselli@maine.edu, 207.581.2828

UMaine Advanced Structures and Composites Center The UMaine Advanced Structures and Composites Center conducts research, and provides education and economic development encompassing material sciences, manufacturing and engineering of composites and structures. The center recently expanded to test full-scale wind blades up to 70 meters as well as offshore model testing in its Alford W² Ocean Engineering Lab, a very unique wind-wave basin. The center has gained national and international reputation from major research and development projects such as the VolturUS 1:8, the first grid-connected floating offshore wind turbine in the U.S. and the first in the world made out of concrete and composite materials, the inflatable composite arch bridges Bridge-in-a-Backpack technology now approved in the AASHTO Code, the first Modular Ballistic Protection System (MBPS) approved by the U.S. Army to protect troops in tents from blast and ballistic threats, development of coated wood technology for blast and hurricane resistant wood buildings, and the longest carbon-fiber composite vessel built for the U.S. Navy.

Maine Technology Institute MTI is a publicly financed, private nonprofit organization created by the Legislature in 1999 to stimulate research and development activity leading to the commercialization of new products, processes and services in the state's seven targeted technology sectors. MTI programs are either loans, equity investments, or grants designed to enhance the competitive position of those sectors and increase the likelihood that one or more of these sectors will support clusters of industrial activity and create quality jobs across Maine.

UMaine Physical Oceanography Group UMaine's Physical Oceanography Group develops and operates real-time ocean observing systems. It operates the Gulf of Maine Observatory as part of the Northeast Regional Association of Coastal and Ocean Observing Systems and the real-time buoy array of the Caribbean Integrated Ocean Observing System.

AWS Truepower AWS Truepower is a leading global consulting firm with over 30 years of experience in energy and resource solutions, engineering and measurement services, software, and data platforms. It has worked on the design and assessment of over 120,000 MW of renewable energy projects, both on land and offshore, in over 80 countries.

UMaine Extension offers tips on preserving, preparing cranberries

26 Oct 2016

With fall comes the arrival of local cranberries — a favorite at holiday dinner tables. Cranberries can be added to many dishes, including breads, salads, relishes, salsas, chutneys, soups, grain-based entrees and desserts. As the fruit becomes available, it's recommended to buy extra berries and freeze for later use. University of Maine Cooperative Extension publishes information to help find, grow, use, preserve and store cranberries, as well as a variety of other in-season fruits and vegetables in Maine. Visit extension.umaine.edu to order or download bulletins to fit the season. November favorites include “[Canning and Freezing Quick Guides](#),” “[Let's Preserve: Apples](#),” “[Vegetables and Fruits for Health: Cranberries, Winter Squash and Pumpkins](#)” and “[Safe Homemade Cider](#).” UMaine Extension educator Kathy Savoie recommends getting up-to-date information on the best methods, canners, jars and seals to ensure a safe result before preserving food. Recommendations are available from local UMaine Extension [offices](#) or by calling 581.3188; 800.287.0274 (in Maine). More information, including upcoming food preservation workshops and how-to videos, is available [online](#).

Collins Center director notes need for traffic safety measures at campus entrance, BDN reports

26 Oct 2016

The [Bangor Daily News](#) covered a public hearing on traffic safety concerns, where Route 2 in Orono intersects with the Rangeley Road entrance to the University of Maine campus. Construction on a new roundabout, designed to make the intersection safer, is not scheduled to begin until early 2018. According to the paper, Danny Williams, executive director of UMaine's Collins Center for the Arts, asked that interim safety measures be put in place at the intersection. “It's a scary place, and I'm glad we're addressing this, but we're two years out,” Williams said.

BBC reports on Gordon Hamilton's strong ties to native Scotland

26 Oct 2016

The [BBC](#) reported on Gordon Hamilton's strong ties to his native Scotland in a story on the climate scientist's death in Antarctica. Hamilton was born in Dundee, Scotland's fourth-largest city. A statement from the scientist's family, quoted in the BBC piece, noted that Hamilton's interest in geography began while he was attending school in the city. Hamilton went on to attend Aberdeen University and later earned a Ph.D. from Cambridge University. “Although Gordon had worked abroad in Norway and the USA for more than 20 years,” the family statement noted, “he maintained a love of Scotland, always eager to find out the Dundee FC score or to hear how the Scotland rugby team was getting on.” Hamilton, the story noted, visited Scotland over the summer to celebrate his 50th birthday.

Fried discusses polling method history on Scholar Strategy Network podcast

26 Oct 2016

Amy Fried, a political science professor at the University of Maine, was a recent guest on the Scholar Strategy Network's podcast, [No Jargon](#). In the episode “Polls, Polls, Polls,” she discusses how polling methods have changed over the past 100 years.

Steneck speaks at fisheries commission meeting, Mount Desert Islander reports

26 Oct 2016

Robert Steneck, a professor at the University of Maine's School of Marine Sciences, spoke this week to members of the Atlantic States Marine Fisheries Commission (ASMFC) at the beginning of their annual meeting in Bar Harbor, the [Mount Desert Islander](#) reported. Steneck “gave an entertaining overview of commercial fisheries in the Gulf of Maine, and in Penobscot Bay in particular, from 2000 B.C. to the present.” According to the paper, the talk looked at how the cod and haddock fishery of the 18th and 19th centuries evolved into one that now focuses almost exclusively on lobster.

USA Today cites Day in report on fall foliage

26 Oct 2016

[USA Today](#) quoted Michael Day, an associate research professor of tree physiology and physiological ecology at the University of Maine, in a report about fall foliage. According to Day, vibrant fall colors occur when three factors come together: the days get shorter, dry weather prevails, and the temperature drops.

Inaugural Maine State Student Nurses Association convention to be held at UMaine

27 Oct 2016

More than 70 participants are expected for the inaugural convention of the Maine State Student Nurses Association (MeSNA) Oct. 29 at the University of Maine. The convention, titled "LEAD ME — leadership, education, advocacy and delegation for Maine," will be held from 8 a.m. to 5 p.m. in Wells Conference Center. [Online](#) registration is \$33 per person; \$43 at the door. Presentation topics will include operating room, emergency room, pediatric/obstetrics, forensic and wound nursing, as well as nursing liability. Staff from Bangor Public Health also will present on the effects of heroin and marijuana on health care. Student nurses will have networking opportunities with representatives from hospitals and other community organizations. Conference organizers collaborated with UMaine Conference Services to plan the event.

Orono residents to vote at New Balance Field House, BDN reports

27 Oct 2016

Orono leaders decided in July to move the town's voting booths to the University of Maine's New Balance Field House, the [Bangor Daily News](#) reported. "Orono has relocated its polling place to accommodate the volume of people expected," Town Clerk Shelly Crosby told the newspaper on Wednesday. "We anticipate there is going to be a high turnout," said Crosby, who also is Orono's registrar of voters.

Maine Edge reviews School of Performing Arts production of 'Big Love'

27 Oct 2016

The Maine Edge published a review of the University of Maine School of Performing Arts production of "Big Love." The play by Charles Mee is adapted from the ancient Greek play "The Suppliant Women" by Aeschylus, according to the article. The show, directed by Tom Mikotowicz, runs through Oct. 30 at Hauck Auditorium on the UMaine campus. The [Bangor Daily News](#) also reviewed the play.

Kaye writes BDN op-ed on making Bangor age-friendly

27 Oct 2016

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, "Making Bangor age-friendly will improve life for residents of all ages." 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. [AARP](#) also cited Kaye's column.

Armstrong cited in Maine Public report on cranberry harvest

27 Oct 2016

Charles Armstrong, a cranberry specialist with the University of Maine Cooperative Extension, spoke with Maine Public for a report about the state's cranberry harvest. Maine's cranberry harvest appears to be strong, despite fears over drought conditions, according to the report. Armstrong said growers across the state have had to irrigate crops to stay ahead of the drought, but some are reporting their largest yields ever, with good fruit size and weight. This comes as a relief in a market that's struggled in recent years "because the price has been depressed for a number of years now," Armstrong said. "But I think we've seen the bottom of that and there are already rumors that the price is going to start going up again." [Mainebiz](#) also cited the Maine Public report.

Center on Aging connects isolated seniors with visitors, BDN reports

27 Oct 2016

The [Bangor Daily News](#) reported on Senior Companion, a volunteer program at the University of Maine Center on Aging that provides companionship to isolated, elderly residents. The program has 85 volunteers who visit roughly 350 seniors a week in their homes. Volunteers get a small stipend of \$2.65 an hour, plus 30 cents per mile for gas. “The volunteers say they get as much out of the program as the clients do,” said Terri Eldridge, with the Center on Aging. “It’s important to feel needed and have something to do. They feel like this is a job, and the clients come to feel like family.”

Maine Sea Grant recognized for seaweed aquaculture outreach, research

27 Oct 2016

The National Sea Grant Extension Assembly selected Maine Sea Grant as the recipient of the 2016 Superior Outreach Programming Award, presented at the biennial meeting of the National Sea Grant Network on Oct. 13 in Newport, Rhode Island. Sarah Redmond, former marine Extension associate with Sea Grant and University of Maine Cooperative Extension, received the award for her efforts to develop a seaweed aquaculture industry in Maine. Redmond’s award reflects her long-held desire to become a seaweed farmer, her Sea Grant-funded graduate research on seaweed aquaculture at the University of Connecticut, and a return to her home state, where the majority of wild harvest fisheries are limited, and there is growing interest in local, sustainable, “super” foods such as kelp, a native species of seaweed or marine macroalgae. From 2012–16, Redmond worked with Sea Grant staff in Maine and throughout the Northeast, as well as with UMaine researcher Susan Brawley and the seaweed industry to develop new nursery cultivation techniques for native seaweed species at UMaine’s Center for Cooperative Aquaculture Research in Franklin, Maine. Her outreach included co-founding the Maine Seaweed Festival and the Seaweed Scene research conference; technology exchange with the aquaculture industries in Ireland, Hawaii, Korea and Japan; and working with Maine companies and restaurants to develop new products incorporating Maine seaweed. Redmond now is launching her own seaweed aquaculture business. At the biennial meeting of the National Sea Grant Network, Redmond’s graduate research on kelp and Maine’s efforts to realize a commercial seaweed aquaculture industry received a second award. The Sea Grant Association gave its Research to Application Award to the Maine, New Hampshire and Connecticut Sea Grant programs for the region’s successful seaweed research and outreach portfolio. The other recipients from UMaine include Dana Morse, Susan Brawley and Nicholas Brown. Three decades of research on the basic physiology, genetics and growth of economically important seaweeds served as the basis for recent research advancements in nursery and cultivation techniques and new applications. Through partnerships with Ocean Approved LLC of Portland, Maine and the Bridgeport Regional Aquaculture Science and Technology Education Center in Connecticut, culture systems were piloted and seeded kelp was grown on longlines near Bangs Island, Maine and in Long Island Sound. New processing methods and product forms are being evaluated and tested in all three states. “The award recipients exemplify the strength and value of integrated research, outreach and education programs supported by the Sea Grant network, and clearly demonstrate the importance of translational research in supporting science-based management” said Sylvain DeGuise, president of the Sea Grant Association. Team members named in the award nomination are Charles Yarish and Jang Kim of the University of Connecticut and Connecticut Sea Grant; John Curtis of Bridgeport Regional Aquaculture Science and Technology Education Center; Nicholas Brown and Susan Brawley of UMaine; Sarah Redmond and Dana Morse of Maine Sea Grant; Chris Neefus and Lindsay Green of the University of New Hampshire and New Hampshire Sea Grant; Amanda LaBelle of the Island Institute; and Anoushka Concepcion and Peg Van Patten of Connecticut Sea Grant. The Newport meeting marked the 50th anniversary of the National Sea Grant College Program, signed into law by President Lyndon Johnson in October 1966. UMaine received the first Sea Grant funding in 1971. Contact: Catherine Schmitt, 581.1434

Private memorial service for Gordon Hamilton set for Nov. 3

28 Oct 2016

A private memorial service for University of Maine Professor Gordon S. Hamilton will be held Nov. 3, 3–5 p.m., at Buchanan Alumni House. At the request of the family, the service is by invitation only. A video tribute to Dr. Hamilton is expected to be released later in November. A memorial fund in Dr. Hamilton's name has been established in the [University of Maine Foundation](#). Friends of the family have established a fund to assist with educational expenses for his children. His obituary is [online](#), and condolences to the family may be expressed on the Brookings-Smith [website](#).

Artist’s presentation to highlight search for meaning in the mundane

28 Oct 2016

A California-based artist who uses photography, installation and sculpture to draw attention to the mundane and find meaning in the human experience, will deliver a presentation at 7 p.m. Tuesday, Nov. 8 at the Innovative Media Research and Communication Center at the University of Maine. Will Rogan's free, public presentation is part of "Tuesdays at the IMRC," the Intermedia MFA visiting artist series. Rogan deals with the passing of time, the materiality and history of objects and people's relationship to matter and images. His pieces address "things that are quiet in nature but can be described by a larger idea." His art is in the public collections at the San Francisco Museum of Modern Art and the Berkeley Art Museum. He is co-founder and co-editor of "THE THING Quarterly," an experimental art publication. More about Rogan is [online](#). To learn more about the presentation or series, contact Eleanor Kipping at publicity@imrccenter.com or visit the Intermedia MFA website.

UMaine police chief speaks with WLBZ about reports of parts stolen from cars

28 Oct 2016

University of Maine police are investigating the theft of catalytic converters from at least nine cars parked in campus lots last weekend, reported [WLBZ](#) (Channel 2) and the Associated Press. "What these individuals do, they go underneath the car and saw these things off and then go," Roland LaCroix, UMaine chief of police, told the TV station. The [Portland Press Herald](#) carried the AP report.

Brewer speaks with WABI about close state Senate race

28 Oct 2016

Mark Brewer, a political science professor at the University of Maine, spoke with [WABI](#) (Channel 5) for a report about a rematch between Republican Senate President Mike Thibodeau and Democrat Jonathan Fulford. The politicians ran for state Senate in 2014, and after a recount, Thibodeau was declared the winner by just over 100 votes, according to the report. "I think it will be close again," Brewer said. "I think both parties would very much like to win this race and it will be one of the ones to watch closely on election night."

Cranberry specialist cited in BDN report on 2016 crop

28 Oct 2016

The [Bangor Daily News](#) quoted Charles Armstrong, a cranberry specialist with the University of Maine Cooperative Extension, in a story on the this year's strong cranberry crop in Maine. Many farms in Maine produced small cranberry crops in the 19th century, the story noted. But the state's commercial cranberry industry had disappeared by the early 1900s. It took until 1991 for a commercial harvest to return, but cranberries are still considered a specialty crop in the state. "In Maine, our climate is perfect for cranberries, and that's been interesting, too," Armstrong told the BDN. "I've been following projections on climate change. If the projections were to come true, by 2070 it won't even be feasible to try to grow cranberries in Massachusetts and New Jersey. They expect the cranberry industry to move north."

Retaining foreign language teachers is challenging, Smith tells Maine Public Radio

28 Oct 2016

[Maine Public Radio](#) spoke with Jane Smith, chairwoman of the University of Maine's Modern Languages and Classics Department, for a story on the challenge of retaining the already limited supply of foreign language teachers in Maine's public schools. Smith told the network about two of her students, both French speakers from Africa, who taught at schools in Lincoln. "I know they left that area because culturally, it was hard for them," Smith said. "They also were surprised at the attitudes of students; that they don't need to learn. There wasn't that eagerness for learning. I know other teachers north of Bangor have lamented at how hard it is to motivate students. For them it's completely foreign. Well, we need to do what we can to make it not so foreign."

Students to build energy-efficient window inserts in ongoing service learning effort

28 Oct 2016

Over the next week, nearly 60 graduate and undergraduate students in economics, engineering, ecology and environmental sciences, and other majors will volunteer their time to build and wrap window inserts for 21 area community members to help conserve heat in their homes this winter. The project is an outgrowth of a partnership developed last fall between students in a University of Maine pilot course in economics, the Rockland-based nonprofit Window Dressers and the Unitarian Universalist Society of Bangor. UMaine students in the pilot service learning course, taught by assistant professor of economics Sharon Klein, helped build more than 350 inserts last fall, aided by students from Brewer High School and members of the Old Town Rotary Club. This fall, Klein is coordinating another service learning effort, integrated with her two existing sustainable energy courses, in partnership with Daniel Dixon, UMaine sustainability coordinator; Daniel Mistro, a graduate research assistant in the School of Economics; and Stanley Peterson, a teacher at Old Town High School and former student of Klein. Beginning Saturday, Oct. 29, a team of 54 undergraduates and five graduate students will take turns putting together and wrapping 226 window frame inserts at the Unitarian Universalist Society of Bangor. Community members receiving the inserts signed up through Window Dressers. Nearly a quarter of the inserts go to low-income families for \$1 per insert. Members of the public who want to help students put together and wrap window inserts can sign up [online](#).

Renowned archaeologist Brian Robinson passes away

28 Oct 2016

University of Maine archaeologist and associate professor Brian Robinson died Oct. 27 at his home in Orono after a long illness. He was 63. Robinson held joint appointments in the Department of Anthropology and the Climate Change Institute. Prior to joining the UMaine community in 1989 as an assistant research professor, Robinson worked at the University of Maine at Farmington Archaeology Research Center. "In Maine archaeology, Brian was a leader and a caring steward," says Jeffrey Hecker, UMaine executive vice president for academic affairs and provost. "He knew Maine and its people — past and present — and taught his students in the field and in the classroom the importance of exceptional research and the utmost respect for Maine's Native American heritage. He was an outstanding teacher and mentor on campus and in the community. He will be missed. Our thoughts are with his family, and his many students and colleagues." "Brian was a tremendous colleague and person whose legacy will be felt across the university and state for many years to come," says Greg Zaro, chair of the Department of Anthropology. Last spring, Robinson received the 2016 College of Liberal Arts and Sciences Teaching and Advising Award. He was recognized for his passionate teaching style and ability to seamlessly incorporate active research and community engagement into the student learning experience. In addition to his research contributions that brought Northeast archaeology into the national spotlight, Robinson helped lead the development of a coastal archaeology program that emphasizes education, scholarship and collaboration between UMaine and Maine's Native American people, funded by the Maine Academic Prominence Initiative (MAPI). In this context, Robinson regularly directed an intensive, four-week summer field school that took an interdisciplinary, intercommunity, hands-on approach to Maine's pre-European past. The hands-on archaeological training and engagement with Maine's Native communities was the centerpiece of Robinson's educational and student-centered accomplishments. In partnership with Native American Studies, it shaped his instructional, intellectual and community engagement activities. And the data produced through the coastal archaeology program over the years allowed the integration of excavated archaeological materials into a variety of Robinson's course offerings, including his laboratory techniques course. A private burial will be held and a remembrance gathering will be planned at a later date. University of Maine students, faculty or staff desiring support can call the UMaine Counseling Center, 581.1392, or the Dean of Students Office, 581.1406. Contact: Margaret Nagle, 207.581.3745

UMaine Athletics receives \$1.5 million award from Alfond Foundation

31 Oct 2016

Editor's note: Story updated Oct. 31. The University of Maine has received a \$1.5 million, three-year award from the Harold Alfond Foundation to support UMaine Athletics. The award establishes the Alfond Fund in the University of Maine Foundation, focused on creating a centralized fundraising structure for UMaine Athletics and continuing support of the football program. "Through the years, Harold Alfond and the Harold Alfond Foundation have helped the University of Maine achieve excellence in Division I athletics for Maine, and for our fan base on campus, statewide and beyond," says University of Maine President Susan J. Hunter. "This newest award further underscores the leadership role of UMaine Athletics, and will be a game-changer for fundraising and friendraising going forward." Through a three-year unrestricted grant of \$750,000, UMaine will establish the Alfond Fund, a comprehensive, centralized annual giving program designed to increase the visibility of UMaine Athletics and encourage donor support. The new program, featuring streamlined options for giving, greater constituent engagement and membership-based benefits plan, and development of signature events for athletics, will

launch in spring 2017. This portion of the grant, which will encourage giving to all 17 UMaine sports programs, will be the springboard to significantly increase overall giving to Black Bear athletics. UMaine also will receive a three-year grant of \$750,000 to continue the Harold Alfond Football Challenge. Since 2007, the Harold Alfond Foundation has awarded annual one-to-one matching challenge grants in support of UMaine football of up to \$250,000. "The foundation wholeheartedly endorses the university's efforts to coordinate all athletic fundraising through the Alfond Fund," says Greg Powell, chairman of the Harold Alfond Foundation. "The structure will streamline and enhance giving for the benefit of all the university's varsity athletic teams." Through the years, the Alfonds' support of UMaine Athletics has totaled more than \$15 million in gifts and pledges. Through challenge grants, further donor support has been leveraged to benefit student-athletes, and their sports programs and UMaine fans. UMaine Athletics has more than 400 student-athletes who currently play for the Black Bears, over 18,000 student-athlete alumni worldwide and over 4,500 season ticket holders. "These grants will bring transformational change to our athletic annual giving," says UMaine Athletics Director Karlton Creech. "This support provides an unprecedented opportunity to make critical changes to provide the most effective donor-centered annual giving program for UMaine Athletics." Contact: Margaret Nagle, 207.581.3745

Culturefest to be held Nov. 5

31 Oct 2016

The University of Maine Office of International Programs and International Student Association will host a daylong celebration of cultures Saturday, Nov. 5 in the New Balance Student Recreation Center. The 29th 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, roughly 50 countries will be represented by more than 150 student participants. Organizers expect about 1,500 visitors from the campus and surrounding communities. New this year will be a Native American table in the exhibit area, as well as representation by the Black Student Union and Maine Folklife Center. "Participation of these groups highlights some of the many cultures existing within the U.S. and even within Maine," says Sayoko Mori, coordinator of international programming and outreach in the Office of International Programs. Culturefest participants and attendees who complete a short survey will be entered into a prize drawing. Survey results will be used to plan next year's 30th anniversary event. More information on Culturefest is available [online](#) or by calling 581.3437.

Atlantic cites Lobster Institute statistics in report on industry changes

31 Oct 2016

The Lobster Institute at the University of Maine was mentioned in an article published by [The Atlantic](#) that looked at changes in the lobster fishing industry. The article featured an interview with a fisherman from Vinalhaven, Maine, who discussed changes, including fishing and population stress as well as climate change, and how they affect the identity of the island community the industry supports. The crustacean has been identified with New England generally and Maine specifically, The Atlantic reported. According to the Lobster Institute, Maine accounts for 75 to 80 percent of American lobsters, the article states.

Trostel discusses minimum wage referendum with Morning Sentinel

31 Oct 2016

Philip Trostel, a professor of economics at the University of Maine, spoke with the [Morning Sentinel](#) for an article about Question 4 on the state's ballot. Many restaurant workers in central Maine who make their living off tips say they are concerned about their future if voters approve an increase that would raise the minimum wage gradually to \$12, according to the article. The referendum proposal also would bring the minimum wage for tipped workers, currently set at half the regular minimum wage, up to \$12 an hour by 2024, the article states. Trostel said restaurant workers probably don't need to worry about losing their tips, and while he said minimum wage increases are generally good for the economy, he also expressed concerns about whether the proposal does go too far too fast. "Minimum-wage increases are good for workers if they keep their jobs," Trostel said. "If they make more money, great; but the issue is does it lead to less employment?"

School of Forest Resources making 3-D maps of forests, WABI reports

31 Oct 2016

The University of Maine's School of Forest Resources is using new technologies to create multidimensional views of the forestlands that feed one of the state's most important industries, according to [WABI](#) (Channel 5). At a weekend meeting of the Maine chapter of the Society of American Foresters, the school demonstrated the 3-D maps of the state's forests that it's making, using LiDar and PhoDar technologies.

AP speaks with student about power of young voters on Election Day

31 Oct 2016

The Associated Press interviewed University of Maine student Sam Saucier for a report about how a large turnout of young voters could sway tight races in Maine on Election Day. Ballot questions on raising the minimum wage and legalizing the recreational use of marijuana could attract Maine's younger voters, disenchanted with the presidential candidates, to come to the polls, potentially providing winning margins in close races, the AP reported. Saucier said she and other supporters of former presidential candidate Bernie Sanders are heeding his call to shift their energy to local issues, such as the minimum wage. Saucier, who organizes campus volunteers, said she continues to meet people who are unfamiliar with referendums and don't plan to vote. "My reaction has been, 'Well, you can still fill out the ballot and not vote for president,'" she said. [Portland Press Herald](#), [Sun Journal](#) and [San Francisco Chronicle](#) carried the AP report.

The Economist interviews Brewer about LePage, Trump parallels

31 Oct 2016

[The Economist](#) cited Mark Brewer, a University of Maine political science professor, in a story on what America can learn about a possible Donald Trump presidency from the tenure of Maine Gov. Paul LePage.

Private memorial set for Gordon Hamilton, AP reports

31 Oct 2016

The Associated Press reported the University of Maine is holding a private memorial service Nov. 3 for UMaine climate scientist Gordon Hamilton. At the request of the family, the service is by invitation only. A video tribute to Hamilton is expected to be released in November. A fund in Hamilton's name has been established in the University of Maine Foundation. Hamilton, a professor in the School of Earth and Climate Sciences and researcher with the Climate Change Institute, died in a field accident Oct. 22 while conducting research in Antarctica for the National Science Foundation. [ABC News](#), [Fox News](#), [The Seattle Times](#), [WABI](#) (Channel 5) and [Maine Public](#) carried the AP report. [Herald Scotland](#) and the [Bangor Daily News](#) also published an obituary of the Dundee-born glaciologist.

Students help Bangor residents save heating dollars, WABI reports

31 Oct 2016

[WABI](#) (Channel 5) was at the Unitarian Universalist Church in Bangor Saturday to watch University of Maine economics undergraduates and graduate students build energy-efficient window inserts for area residents. The service learning project, a partnership with the Rockland-based nonprofit Window Dressers, was organized by assistant professor of economics Sharon Klein. "It can seem complicated and intimidating to get involved in something like this but really it is pretty simple," Klein told WABI. "It's just people getting together to do something good for the environment, for people."

President Hunter speaks about high-quality UMaine experience on 'Love Maine Radio'

31 Oct 2016

University of Maine President Susan J. Hunter was a recent guest on "[Love Maine Radio](#)," part of Maine Magazine. The episode, "Maine's University #267" focused on the high-quality education the University of Maine System provides to students from the state, as well as all over the world. "We're big enough to be a true research university, and we are, and that provides opportunities for students. It also provides a scale and scope where I think there is a place for everybody," Hunter said. "But it's small enough that it still feels like a neighborhood." Danielle Conway, dean and professor of law at the University of Maine School of Law, also was a guest.

UMaine archaeologist Robinson dies at 63, BDN reports

31 Oct 2016

The [Bangor Daily News](#) reported on the death of University of Maine archaeologist and associate professor Brian Robinson. Robinson, who was 63, died at his home in Orono last week after a long illness. Robinson held joint appointments in the Department of Anthropology and the Climate Change Institute. "In Maine archaeology, Brian was a leader and a caring steward," said Jeffrey Hecker, UMaine executive vice president for academic affairs and provost. "He knew Maine and its people — past and present — and taught his students in the field and in the classroom the importance of exceptional research and the utmost respect for Maine's Native American heritage. He was an outstanding teacher and mentor on campus and in the community."

Norway spruce tested at UMaine OK'd for construction-grade lumber

01 Nov 2016

Norway spruce, a wood species extensively tested at the Advanced Structures and Composites Center at the University of Maine, has been approved for use as construction-grade dimensional lumber. Based on the testing at UMaine, on Oct. 20, 2016, the American Lumber Standards Committee (ALSC) approved the inclusion of Norway spruce in the Spruce-Pine-Fir South grouping of wood species for home construction and industrial applications. Introducing Norway spruce into the market marks a nearly once-in-a-lifetime occasion, says Jeff Easterling, president of the Northeastern Lumber Manufacturers Association (NELMA). "This is a momentous occasion for the building industry," he says. "The addition of a new species hasn't happened in almost a century, and it's been a very exciting year as we've worked to shepherd it through testing and bring it into the mainstream." Landowners, loggers, lumber mills, retailers and builders all are expected to benefit from being able to utilize lumber from some of the millions of Norway spruce trees, many of which the Civilian Conservation Corps planted in the United States during the Great Depression. From Oct. 15, 2015 to Feb. 2, 2016, a team of staff and students at the UMaine Composites Center, led by Russell Edgar, wood composites manager, and Jon Hill, wood composites technician, tested 1,320 pieces of lumber milled from Norway spruce grown in Maine, Vermont, four regions of New York and Wisconsin. The team then derived allowable design values (including bending, tension, shear and compression) for the species and wrote the final report that NELMA submitted to ALSC. "It is exciting to be involved in this type of research, which has immediate and direct economic impacts for the state and region. This is exactly why our center exists," says Edgar. Stephen Shaler, associate director of the UMaine Composites Center and director of the School of Forest Resources, says UMaine students, staff and faculty benefited immensely from the strong collaboration with NELMA and the forest products industry for this research. "It has inspired students to pursue careers in the field and we look forward to a continued partnership with NELMA and the forest industry," he says. "The financial support of the USDA-NIFA (United States Department of Agriculture National Institute of Food and Agriculture) was instrumental." Habib Dagher, director of the UMaine Composites Center, says he's extremely pleased that the research and testing conducted on Norway spruce at the Composites Center will help invigorate the lumber industry in Maine. "This type of transformative partnership with industry has led to more than 500 research and development programs with companies across Maine, the U.S. and the world," he says. For complete information on the impact of Norway spruce on the building products and design industry, as well as additional details on history, grading and the mill perspective, visit nelma.org/norwayspruce. More information about testing conducted at UMaine is available [online](#). Contact: Josh Plourde, 207.951.5650

Water quality, lobster management focus of DMC grad students' research

01 Nov 2016

University of Maine Darling Marine Center graduate students Carl Huntsberger and Whitley Gilbert want their research to support better management of two of Maine's most valuable natural resources — clean water and lobsters. Huntsberger was 9 when he began lobster fishing. He knew a legal-sized lobster, known as "a keeper," is one whose main shell measures between 3 1/4 and 5 inches long. Anything else, including egg-bearing females of any size, had to be put back. These days, Huntsberger, who grew up in Belfast and earned his B.S. at Roger Williams University in Rhode Island, no longer catches lobsters. He studies them to find a more accurate way to determine a lobster's age than size alone. "I want to be able to provide data that will go into management decisions," he says. "But I don't want to be in the fishery management office all the time, and I don't want to be at sea as a commercial fisherman all the time. I want the mix." The master's degree-seeking student in the School of Marine Sciences conducts research on juvenile and adult lobsters in Professor Rick Wahle's DMC lab. He's examining whether the number of rings that form on a part of the stomach called the gastric mill relates to a lobster's age. "Our

goal is to hold them for at least a year and be able to determine if rings are annual, molt-induced or caused by some other factor,” says Huntsberger. “Hopefully it will improve stock assessments for lobster.” Gilbert, a graduate student in the School of Earth and Climate Sciences, studies nutrient loading in Casco Bay to better understand water quality. Nutrient loading is caused when upstream pollutants, including fertilizers from lawns and farms, run downstream and eventually settle on the seafloor. In the Gulf of Mexico and Chesapeake Bay, nitrogen and phosphorus have caused bright green algal blooms that block sunlight and deprive the water of oxygen. These areas, called dead zones, are associated with large die-offs of fish and shellfish. While the problem may not be as extreme in Maine, Gilbert pointed out that Casco Bay is next to Portland, one of the fastest-growing cities in New England. Currently, the model for determining nutrient loading in the bay is based on land use upstream. Gilbert’s master’s research, funded by the Casco Bay Estuary Partnership, examines other possible factors — including rainfall, drought and storms — by sampling water at the bay’s fall lines, or where freshwater meets saltwater. She compares those findings with those based on the land-use model. “If we get a better handle on the causes and effects of nutrient loading in Casco Bay, it can help land-use managers make decisions that will keep the water clean,” says Gilbert. She believes good communication also is key. While an undergraduate student at Iowa State, Gilbert says she worked with farmers who didn’t see the harmful downstream effects that farm runoff had on the Gulf of Mexico’s shrimp fisheries. As a consequence, she says, they didn’t see the need to change their farming methods. “In the future, I’d like to be an intermediary between science and the farmer,” says Gilbert. “As a scientist you’re not supposed to be an advocate, but more and more scientists have to better communicate their results or they become misunderstood.” Contact: Melissa Wood 207.479.0660

School of Performing Arts, Emera Astronomy Center collaborate in a production of ‘Constellations’

01 Nov 2016

The University of Maine’s Jordan Planetarium will be the setting for “Constellations,” a play by British playwright Nick Payne that opens Nov. 15 as part of the School of Performing Arts season. Associate Professor of Theater Marcia Joy Douglas will direct the production that features a cast of two. UMaine’s Innovative Media Research and Commercialization Center is providing projection design and technology by Gene A. Felice II. The performances in the planetarium at the Emera Astronomy Center are at 7:30 p.m. Nov. 15 and Nov. 17–18; 10 a.m. on Nov. 16 (talkback follows); 2 p.m. and 9 p.m. on Nov. 19 and 4 p.m. Nov. 20. Tickets are \$6 for adults; \$5 for UMaine students, senior citizens and U.S. military veterans; and \$4 for children under the age of 12. Tickets are available [online](#), by calling 207.581.1341, or at the Emera Astronomy Center ticket box office. In “Constellations,” Roland, a beekeeper played by UMaine mass communication and theatre senior John Logan, is in a romantic relationship with Marianne, a university academic portrayed by Amelia Courtney, a theatre and political science major who graduates in December. “It’s a quantum physics love story,” says Douglas. The play moves back and forth in time, focusing on a handful of scenes between the characters. But audiences see multiple versions of those scenes, each of which sends the relationship at the heart of “Constellations” on a different path. As Marianne says to Roland in the play, “every choice, every decision you’ve ever and never made exists in an unimaginably vast ensemble of parallel universes.”

UMaine works to ease shortage of foreign language teachers, offer instruction to young learners

01 Nov 2016

The University of Maine is addressing the state’s shortage of foreign language teachers and the resulting lack of language instruction for young learners in an after-school program at the Franco-American Center. Launched last fall, K–5 students in the Bangor-Orono-Old Town receive two hours of French-language instruction, twice a week, for a \$50 fee. The program runs for six weeks. Maine is not immune to what’s become a nationwide shortage of foreign language teachers. While 1,092 people currently hold a certification to teach a foreign language in Maine, just 500 of those certificate holders are actually working in public school classrooms, according to the Maine Department of Education. The shortage means that many schoolchildren in Maine interested in studying a foreign language aren’t getting that opportunity. “I decided this was something the center should be doing,” says UMaine Associate Professor of Modern Languages Susan Pinette, who directs the Franco-American Centre. The instructors include undergraduate French and elementary education majors. To date, upward of 50 children have received language instruction through the program. “The earlier you start learning a language, the better it is,” says Jane Smith, UMaine associate professor of French. “The longer they continue with language, the better they are at it. We’re potentially developing future language teachers through this program.”

School of Food and Agriculture offering hands-on workshop to registered dietitians

01 Nov 2016

A hands-on workshop in nutrition-focused physical examination (NFPE) will be offered on campus in November as an outreach effort by the University of Maine School of Food and Agriculture to registered dietitians in the state. NFPE is a physical assessment of patients in clinical settings to help identify symptoms of malnutrition, including fat and muscle loss. The UMaine workshops, Nov. 17–18, will provide training for registered dietitians working in Maine health care settings. The professional development will, in turn, benefit UMaine and graduate-dietetic interns in the Food Science and Human Nutrition program who are supervised and mentored by the registered dietitians. The training will be led by Mona Therrien, director of UMaine's Didactic Program in Nutrition and Dietetics, who was trained in NFPE in her doctoral program at Rutgers University. Therrien currently teaches a summer online graduate course in nutritional assessment, which features NFPE. In the 2017 Academy of Nutrition and Dietetic practice standards, interns must be able to conduct NFPE following 1,200 hours of supervised practice internships. For didactic preparation, Therrien introduces seniors to NFPE in the accredited undergraduate Human Nutrition and Dietetics Program.

UMaine PD participating in No-Shave November for cancer awareness

01 Nov 2016

Throughout November, members of the University of Maine Police Department are participating in [No-Shave November](#), a campaign to raise awareness about cancer. As part of No-Shave November, participants forego shaving for 30 days and donate their monthly hair-maintenance expenses to support cancer prevention, research and education, according to the nonprofit's website.

UMaine included in top college farms ranking, Lancaster Farming reports

01 Nov 2016

[Lancaster Farming](#) reported on the top 60 college farms chosen by [Online College Plan](#) in recognition of Farm to School Month, which is dedicated to celebrating the efforts of student-run farms, according to the article. UMaine was listed as No. 53.

BDN cites fatal drug overdose statistics collected by Sorg

01 Nov 2016

The [Bangor Daily News](#) cited data collected by Marcella Sorg, a University of Maine medical and forensic anthropologist, in an article about the state getting a second detox center. The state recently awarded \$1,167,000 to Wellspring Substance Abuse and Mental Health Services, a residential and outpatient services program in Bangor, to start a "residential social setting detoxification center," according to the article. Sixty people died in drug-related deaths in Maine in 2000, but by 2009, that number had increased to 179, which exceeded the number of people killed in automobile crashes in the state, according to data collected by Sorg, who analyzes overdose deaths for the state's attorney general. There were 176 drug overdose deaths in 2013, and 208 people in Maine died by overdose in 2014. Based on the number of overdose deaths that occurred in the first half of 2016, Maine is on track to reach at least 378 deaths by the end of the year, the article states.

Climate Reanalyzer cited in Sydney Morning Herald polar heat wave story

01 Nov 2016

[The Sydney Morning Herald](#) used data from the University of Maine Climate Change Institute's Climate Reanalyzer website in a recent story on the way polar heat waves are causing ice at both ends of the Earth to retreat. According to the website, the story noted, "the Arctic region as a whole continues to be very warm — as much as 6.1 degrees above average — with the anomalous warmth covering almost all of the Arctic Circle."

Dill tells WVII deer tick population peaked in October

01 Nov 2016

[WVII](#) (Channel) spoke with Jim Dill, a pest management specialist with the University of Maine Cooperative for a story on what happens to the deer tick population in Maine when the weather begins to turn colder in October. "This actually is the biggest time of the year for deer ticks. And the deer tick is the most common tick right now," Dill said. "The deer tick is out

and active as long as it's 40 degrees."

Norway spruce tested at UMaine earns construction grade, media report

01 Nov 2016

The [Portland Press Herald](#), Maine Public, [Mainebiz](#), [Bangor Daily News](#), WABI (Channel 5), [WLBZ](#) (Channel 2), [WVII](#) (Channel 7) and [LBM Journal](#) reported Norway spruce, a wood species extensively tested at the Advanced Structures and Composites Center at the University of Maine, has been approved for use as construction-grade dimensional lumber. The American Lumber Standards Committee approved the inclusion of Norway spruce in the Spruce-Pine-Fir South grouping of wood species for home construction and industrial applications. It is the first new species to be added to the list of approved lumber in about 80 years, the Press Herald reported. "This is great news for Maine loggers," Dana Doran, executive director of the Professional Logging Contractors of Maine, told the paper. "This will open new markets for (Norway spruce) not normally available to us." Stephen Shaler, associate director of the UMaine Composites Center and director of the School of Forest Resources, said students, staff and faculty benefited from the strong collaboration with the forest products industry for this research. The Associated Press also reported on the story, citing the Press Herald. [The Washington Times](#) and The Daily Progress of Charlottesville, Virginia carried the AP report.

New York Times notes UMaine research in Penobscot dam removal story

01 Nov 2016

University of Maine fish biology and ecology researchers Michael Kinnison and Gayle Zydlewski discovered a previously unknown population of endangered shortnose sturgeon in the Penobscot River near Bangor, according to a [New York Times](#) report on the impact of recent dam removals on the river. Since dams on the Penobscot have come down, the story notes, the sturgeon have been able to make their way upstream. The article also cited similar research by Joseph Zydlewski, a research biologist with the Maine Cooperative Fish and Wildlife Research Unit of the United States Geological Survey.

Media report on Alfond Foundation's \$1.5M gift to UMaine Athletics

01 Nov 2016

The Associated Press, [Portland Press Herald](#), [Bangor Daily News](#), [WLBZ](#) (Channel 2), [Mainebiz](#), WVII (Channel 7) and [92.9 FM The Ticket](#) reported the University of Maine has received a \$1.5 million, three-year award from the Harold Alfond Foundation to support UMaine Athletics. The Alfond Foundation will give \$750,000 in unrestricted funds to UMaine Athletics to create the Alfond Fund, designed to increase the visibility of Maine athletics and encourage donor support to support all 17 of Maine's Division I athletic programs, the Press Herald reported. In addition, the Alfond Foundation made a three-year commitment to continue its annual \$250,000 matching grant for the Harold Alfond Football Challenge, which has assisted the football program since 2007, according to the report. "Absolutely it's a great day for us," UMaine Director of Athletics Karlton Creech said. "It's a continuation of the existing grant for our football program, but this new element of the unrestricted grant will really serve as a catalyst for us to restructure our whole approach to annual giving." [The Washington Times](#) carried the AP report.

Former English professor Marie Urbanski Whittaker passes away

02 Nov 2016

Marie Olesen Urbanski Whittaker, a former University of Maine professor, feminist and liberal activist, passed away Oct. 24. She was 94. Whittaker was an English professor at UMaine for more than 20 years where her scholarship focused on the contributions of Margaret Fuller, a 19th century feminist and visionary, according to Whittaker's [obituary](#). [Glamour.com](#) recently published a blog post written by her daughter titled, "The last thing my mother did was vote for Hillary Clinton."

FIJI hosts 'Humvee Push' Nov. 5 to raise money for troops

02 Nov 2016

The University of Maine Phi Gamma Delta (FIJI) Omega Mu chapter invites teams to compete in a "Humvee Push" noon–3 p.m. Saturday, Nov. 5 to raise money for the United Service Organizations (USO) to support U.S. troops. The team that pushes

a Down East Emergency Medical Institute Humvee 20 yards in the Belgrade parking lot in the fastest time wins. Prizes include gift cards to area businesses. The entry fee is \$5 per person and teams can be comprised of five to 10 people. To enter and for more information, contact Matt Ahearn at matthew.a.ahearn@maine.edu.

UMaine Extension cited in Morning Sentinel article on tree cut down in Waterville square

02 Nov 2016

Information from the University of Maine Cooperative Extension was included in the [Morning Sentinel](#) article, “Giant blue spruce tree cut down in Waterville’s Castonguay Square.” For years, the 40-foot-tall tree had been adorned with Christmas lights during the holiday season, according to the article. City workers cut down the tree because about half of it was infected with spruce needle cast disease, the article states. UMaine Extension’s website states the disease, also known as *Rhizosphaera kalkhoffii*, “is a fungus that can cause extensive defoliation of spruce and fir, especially where the trees are grown out of their natural range.” Successive years of defoliation can lead to the tree’s death, according to the site. Symptoms include needles turning brown or purple in late summer, with browning continuing throughout the winter and needles being cast a year or more after infection.

UMaine research cited in Epicurious report about fruit, vegetable washes

02 Nov 2016

Research from the University of Maine was cited in the [Epicurious](#) article, “The truth about those fruit and vegetable washes.” A study conducted by UMaine’s Department of Food Science and Human Nutrition tested a popular produce wash, Fit, alongside distilled water and a couple other methods to see how they would work against microbes and pesticides, according to the article. “Fit washes got rid of roughly the same amount of microbes as distilled water,” researchers found. The authors of a University of Maine Cooperative Extension [bulletin](#) on the study state that since “produce washes are costly,” consumers might as well use distilled water or “very clean cold tap water,” the article states. [Fox News](#) also carried the report.

Event organizers preview Culturefest on WABI

02 Nov 2016

Sarah Joughin, assistant director of the Office of International Programs at the University of Maine; and Antonia Carroll, president of the International Student Association at UMaine, visited the studio of WABI (Channel 5) to talk about the 29th annual Culturefest. Both organizations will host the celebration of cultures from 11 a.m. to 3:30 p.m. Saturday, Nov. 5 in the New Balance Student Recreation Center. Culturefest will feature international cultural exhibits, food, children’s activities, a style show and performances. “It’s a really great time for students — whether their international, multicultural background or local — to showcase what they’re capable of besides just getting good grades at school,” Carroll said. The family-friendly event is free and open to the public. “So much of what we know about the world is from the news and typically is pretty negative, so this a chance for families to get really positive interactions with students,” Joughin said. “And learn that really we’re more alike than we are different.”

Trump’s strong support in 2nd District makes sense, Brewer tells AP

02 Nov 2016

[The Washington Post](#) carried an Associated Press report on Republican presidential candidate Donald Trump’s push to win the vote in Maine’s 2nd Congressional District. In the story, the AP spoke with University of Maine political science professor Mark Brewer about Trump’s appeal in the largely rural district. “When you take the economic, geographic, community-type profile, the racial profile, the gun rights profile, it makes lots of sense why Trump is doing far better here than anywhere else in New England,” Brewer told the wire service. Trump would earn one of Maine’s four electoral votes if he’s able to prevail in the 2nd District. [ABC News](#), [The Boston Globe](#) and [The News & Observer](#) also carried the AP report.

Management construction students to present service learning projects

03 Nov 2016

About 35 students in University of Maine professor Will Manion’s CET 458 Management of Construction course will present

service learning projects on Friday, Nov. 4. This fall, two teams planned and managed projects at Leonard's Mills in Bradley and Hirundo Wildlife Refuge in Alton. The teams will present both projects to the UMaine Industrial Advisory Committee at 11 a.m. in the Machine Tool Lab, Room 106. At Leonard's Mills, the students were tasked with replacing a cedar-shingled roof on the sawmill building, which houses one of the only wooden-g geared, water-powered operating sawmills in existence. In addition to safely replacing the roof, the team was asked to evaluate and analyze a section of the building's foundation that leaks, causing wood deterioration on the floor. Students at Hirundo worked to build the first part of the ADA-compliant "Trail of the Senses." The 2,400-acre nature preserve is creating the trail to attract more visitors and provide better connections and experiences with nature. The first phase of the project is approximately 0.15 miles long and will include two sections of trail through the woods and field. Interpretive stations will be located along the trail, including a proposed observation platform in the field. The students were asked to design and build the first phase of the trail, including the observation platform. For both projects, the primary objective of the UMaine teams was to provide planning and construction management services for volunteers, while also executing as much of the construction as they can.

Maine Edge advances School of Performing Arts, Emera Astronomy Center production

03 Nov 2016

The Maine Edge published a University of Maine news release about "Constellations," a joint production of the School of Performing Arts and Emera Astronomy Center. UMaine's Jordan Planetarium will be the setting for the play by British playwright Nick Payne that opens Nov. 15. Marcia Joy Douglas, an associate professor of theatre, will direct the production that features a cast of two. UMaine's Innovative Media Research and Commercialization Center is providing projection design and technology by Gene A. Felice II. The performances are at 7:30 p.m. Nov. 15, 17-18; 10 a.m. Nov. 16 (talkback follows); 2 and 9 p.m. Nov. 19; and 4 p.m. Nov. 20. Tickets are available [online](#), by calling 581.1341, or at the Emera Astronomy Center box office.

Marine sciences program cited in BDN article on new Searsport maritime school

03 Nov 2016

The University of Maine was mentioned in a [Bangor Daily News](#) article about the opening of a Searsport magnet school for students interested in maritime careers. The Maine Ocean School's board has settled on logos and is ironing out governing documents, curriculum and programing. It plans to launch the school's new website shortly after an information session Saturday, Nov. 5, according to the article. The six members of the school board represent the UMaine marine sciences program, Maine Maritime Academy in Castine, the Maine Marine Patrol and the town of Searsport, the article states.

UMaine, Orono PD participating in No-Shave November, Z 107.3 reports

03 Nov 2016

[Z 107.3](#) reported members of the University of Maine and Orono Police departments are participating in [No-Shave November](#), a campaign to raise awareness about cancer. As part of No-Shave November, participants forego shaving for 30 days and donate their monthly hair-maintenance expenses to support cancer prevention, research and education, according to the nonprofit's website. Officers from both departments are donating the funds to Cancer Care of Maine, and asking members of the public to contribute, according to Z 107.3.

Realtor.com talks winter window sealing with Hopkins

03 Nov 2016

Kathy Hopkins, a community educator with the University of Maine Cooperative Extension, spoke with [Realtor.com](#) about steps homeowners can take to seal windows for the cold winter months. The story advises homeowners to begin by looking for leaks in windows, noting estimates from the federal Energy Information Administration that up to 30 percent of heat loss in the average home is due to leaky windows and doors.

Fraternity to hold 'Humvee Push' to support troops, WABI reports

03 Nov 2016

Teams of five to 10 FIJI fraternity brothers will hold a Humvee pushing contest on Saturday, Nov. 5 to raise money to support U.S. troops, reports WABI (Channel 5). The Humvee for the event was donated by Down East Emergency Medical Institute (DEEMI). Funds raised during the contest will go to the United Service Organizations. “We are taking on the term of supporting our troops and I think that’s very important especially with what DEEMI does as a nonprofit group. We think that it’s very important to give back,” Matt Ahearn, FIJI philanthropy chairman, told WABI.

Maine Boats, Homes & Harbors cites Holberton, students in story on blackpoll warbler migration

03 Nov 2016

[Maine Boats, Homes & Harbors](#) published a feature story in its November/December issue on University of Maine avian physiologist Rebecca Holberton’s research on the 2,000-mile autumn migration of the blackpoll warbler. Every fall, the birds make the 80-to-90-hour trip at 12,000 feet, from Maine to Venezuela, for the winter. “From mid-September until mid-October, blackpolls double their number of oxygen-rich red blood cells. It’s a strategy that enables them to efficiently metabolize fats at 12,000 feet where oxygen is limited,” Holberton noted in the magazine article.

Flagship Match expanding to Rhode Island, Jamestown Press reports

03 Nov 2016

[The Jamestown Press](#) of Rhode Island reported the University of Maine has expanded its Flagship Match financial aid program to include Ocean State students. 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.

UMaine Composites Center cited in Press Herald editorial on future of wood products industry

03 Nov 2016

A [Portland Press Herald](#) editorial credits the University of Maine’s Advanced Structures and Composites Center with finding new, innovative ways to use the materials that make up wood. The editorial comes days after another mill in Maine announced that it would shut down a paper machine and lay off 190 workers. The newspaper mentions a startup, run by Nadir Yildirim with the UMaine Composites Center, that’s turning cellulose nanofiber, one of the building blocks of wood, into foam insulation.

UMaine students to take part in ‘ethical hacking’ competition

03 Nov 2016

Six University of Maine students will put their computer hacking skills to the test this weekend at the second Collegiate Penetration Testing Competition at Rochester Institute of Technology. The UMaine students, most of whom are computer science majors, will compete against students from nine other universities. By racing each other to hack into computer networks, students learn about the weak points of various systems and what’s required to make them more secure. UMaine teams have competed at similar events since 2009. It’s the first time a UMaine team has taken part in the RIT competition. The Collegiate Penetration Testing Competition runs from Friday, Nov. 4 through Sunday, Nov. 6.

Cowan to present as part of Fogler ‘Books in My Life’ series

04 Nov 2016

Laura Cowan, chair of the University of Maine English Department and professor of English, will present Wednesday, Nov. 16 as part of Fogler Library’s “Books in My Life: Reading that Transforms” series. Cowan will speak at 7 p.m. in the Fogler Library Classroom. The event is open to any UMaine students, faculty or staff. In the series, members of the UMaine community will venture outside their scholarly fields to discuss their personal reading experiences, including their awakening as readers and favorite — or least favorite — books.

UMaine mentioned in Press Herald report on systemwide enrollment increase

04 Nov 2016

The [Portland Press Herald](#) reported fall enrollment at the University of Maine System has increased for the first time since 2003. Across all seven campuses, the fall 2016 headcount is 29,465 students, up 1.6 percent from last year, according to final figures released Thursday by the system. At the flagship campus in Orono, tuition and fees are about \$10,606 per year for in-state students and about \$30,000 for others, according to the article. Out-of-state students now make up 25 percent of the student body at UMaine, the article states.

Daisey melds Melville saga, ‘Star Trek II’ to create ‘Wrath of Moby Dick’

04 Nov 2016

Storyteller Mike Daisey takes on Herman Melville’s masterpiece of revenge, fate and whaling terminology in a hilarious 90-minute monologue at 8 p.m. Saturday, Nov. 12, at the Collins Center for the Arts at the University of Maine. Daisey, who was born in Fort Kent and graduated from Nokomis Regional High School and Colby College, weaves together Melville’s epic “Moby-Dick” saga with “Star Trek II: The Wrath of Khan” to create “Kahn and the Whale: The Wrath of Moby Dick.” Ornate nautical slip knots, space worms that crawl into your ears, tattooed harpooners and Ricardo Montalban’s Corinthian leather chest all combine with Melville’s gorgeous language for a sweeping story of revenge and at what temperature that dish is best served. (Spoiler alert: The answer is “cold.” Also: Whale wins.) Daisey’s monologues combine autobiography, gonzo journalism and unscripted performance. His stories cut to the bone and expose secret histories and unexpected connections. He’s been a guest on “Real Time with Bill Maher,” the “Late Show with David Letterman” and a host and storyteller for “The Moth,” as well as a commentator and contributor to “The New York Times,” “The Guardian,” “Harper’s Magazine,” “NPR” and the “BBC.” Tickets are \$20 for all seats, \$7 for K–12 students. For more information and tickets, visit collinscenterforthearts.com. Also, for tickets and to request a disability accommodation, call 207.581.1755. Orders that include student tickets must be purchased in person or by phone and picked up at the box office the night of the show.

Veterans to be honored with week of events

04 Nov 2016

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. UMaine Veterans Week activities will begin at 11:30 a.m. Monday, Nov. 7 with a wreath-laying ceremony in the Memorial Union. A small gathering of students, staff and veterans will honor the lives lost in service to the country. The ceremony will be followed by the annual American and POW flag raising on the Mall by Army and Navy ROTC beginning at noon, and a barbecue to celebrate UMaine veterans. As part of the week, Maine Power Builders, a UMaine powerlifting and bodybuilding club, is partnering with the Maine Veterans Project to present the “Maine Lifts for Veterans” fundraiser at 4 p.m. Nov. 10 in the New Balance Student Recreation Center. The event asks participating athletes to find people to pledge money toward either a single lift or a number of repetitions. Athletes can either dead lift, flat bench, squat or overhead press. Pledges go directly to veterans in the Greater Bangor area. All are welcome to participate. Pledging forms can be submitted at the Rec Center Nov. 7 and 8. For more information or to register, email Daniel Rich at dan.rich47@yahoo.com or on FirstClass. Classes, except those that meet once a week on Fridays, are canceled on Veterans Day. Other UMaine Veterans Week activities include:

- Tuesday, Nov. 8 — Free lunch vouchers available to student veterans. Vouchers can be picked up at the VETS office, Room 143 of the Memorial Union.
- 11:30 a.m. Wednesday, Nov. 9 — Transfer credit and prior learning workshop in the VETS office.
- 10 a.m. Thursday, Nov. 10 — “Day in the Life of a Veteran” photography exhibit opening in the Memorial Union. Featured photographers will unveil the Bangor Vet Center exhibit, which will include four to six sets of images. The exhibit will be on display until Nov. 18.
- 8 a.m. Friday, Nov. 11 — A Veterans Day 5K to honor those who serve and protect the country. The race will start at the New Balance Student Recreation Center. It is free for all veterans and active duty service members, and \$15 for the general public. Proceeds go to UMVA. More information, including registration, is [online](#).
- 10:30 a.m. Friday, Nov. 11 — Bangor/Brewer Veterans Day parade, which starts on Acme Road in Brewer.
- 5 p.m. Friday, Nov. 11 — UMaine Black Bears Military Appreciation Series, women’s basketball vs. Purdue. Free tickets available at 581.BEAR for military personnel, veterans and families.

Free coffee and doughnuts provided by Dunkin’ Donuts will be available at the VETS office Tuesday through Thursday. Free UMVA Pub Crawl wristbands also will be available to student veterans. 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. Contact: Elyse Kahl, 207.581.3747

Journalism students to cover Tuesday's election

07 Nov 2016

Tomorrow's election will be a real-time learning laboratory for University of Maine students in an Introduction to Journalism class. The class, led by assistant professor and CLAS-preceptor journalism Joshua Roiland, is putting out the UMaine Telegraph, an online publication that will cover voting and election results in local, state and national races. Roiland's 29 students have split into campus, state, national, features, opinion, photography, copy and design teams. Each team has an editor, who will coordinate with his or her reporters and staff, as well as with the project's managing editor and editor-in-chief. "We'll update the site starting in the afternoon," says Roiland. Students will also post on Twitter, using the hashtag #mainecmj. "While they're doing their reporting Tuesday, they'll be tweeting out newsworthy elements of their stories." Student reporters will interview voters as they exit the polls at the Cross Insurance Center in Bangor and in Orono, at the New Balance Field House on the UMaine campus. Tuesday afternoon stories will include a profile of a first-time voter and a piece on how the movement of Orono voting to campus is affecting traffic congestion. Other student reporters will be following the state's 2nd Congressional District, this year's ballot measures and races for the state legislative seats. "They're actually doing journalism," says Roiland. "For those who go on in journalism, they're getting a head start, in being able to both talk about the news media and in getting skills that they don't offer in other classes." Student editors will plan and monitor coverage in a newsroom set up in Roiland's office and in a classroom on the first floor of Dunn Hall. "It's definitely exciting. It's also hectic," says Elizabeth Theriault, a freshman from Madawaska, who is the project's editor-in-chief. "It's a lot of work and there's a lot of things to coordinate and organize and get set, because Tuesday is going to be a big day. But it's definitely something that I'm glad I get to take on." Contact: Jay Field, 207.581.3721; 207.338.8068

Evans, Moxley to speak at bilingual poetry conference in Paris

07 Nov 2016

Steve Evans, associate professor of English at the University of Maine, will be the closing speaker, and Jennifer Moxley, professor of English at UMaine, will be a featured poet at the bilingual [conference](#), "Les archives sonores de la poésie: Production, conservation, utilisation (Recording in Progress: Producing, Preserving, and Using Recorded Poetry)," Nov. 24–25 in Paris. Moxley will read poems (in the original, and in French translation) from her award-winning book "The Open Secret" along with a selection of new work. Evans will speak on "The Poetics of Phonotextuality: Timbre, Text, and Technology in Recorded Poetry." From 2007–09, Evans taught a series of courses on poetry in the age of the MP3, and subsequently has given invited talks on phonotextuality at Pomona, Yale, the St. Mark's Poetry Project, Naropa and, his alma mater, University of California, San Diego. He is now working on a book-length project on the topic. Last month, Evans gave a [preview](#) of his Paris remarks for colleagues and students in the English Department. A program for the upcoming conference is [online](#).

Sun Journal cites UMaine Extension in response to reader's concern over pumpkin waste

07 Nov 2016

The University of Maine Cooperative Extension was cited in a response to a Sun Journal reader's comment about how people should not waste pumpkins. According to UMaine Extension, the deep yellow to deep orange colors of pumpkin show that they contain carotene, which your body turns into the antioxidant vitamin A. Also, all varieties of winter squash are good sources of potassium, which is helpful in maintaining a healthy blood pressure, according to the article.

Brewer speaks with Maine Public about possible record-setting election turnout

07 Nov 2016

Mark Brewer, a political science professor at the University of Maine, spoke with [Maine Public](#) for the report, "Signs point to record-setting election turnout in Maine." By the deadline, nearly 258,000 Maine voters had requested absentee ballots, and more than 218,000 had filled them out, according to the report. Brewer said those figures signal a record-setting turnout this election. "The number of people who have already not only requested absentee ballots at this point, but submitted them at this point, is staggering," he said. "Those are huge numbers." With the combination of the presidential race, the tight 2nd Congressional District campaign and the referendum questions, Mainers could set a new record for participation in an election,

the report states. Maine's current record is 73.1 percent of eligible voters.

Lobster Institute, Darling Marine Center cited in Business Insider story on foods at risk due to climate change

07 Nov 2016

Lobster is on a [Business Insider](#) list of seven foods that could go extinct due to climate change. The lobster entry cites data from the University of Maine's Lobster Institute and links to a newspaper story on research by scientists at the Darling Marine Center.

Christian Science Monitor quotes Brewer in article on ranked-choice voting

07 Nov 2016

[The Christian Science Monitor](#) quoted Mark Brewer in an article about Maine's ranked-choice voting ballot initiative. If the initiative passes, it would enable voters to rank all the candidates in a race. If no one gets a majority, the votes of the last-place candidate would be apportioned out to the higher finishers according to second-place rankings — and so on — until someone wins, according to the article. Since candidates will need to compete for second-place votes, some argue the practice will make them more likely to be less partisan, the article states. Others worry that ranked-choice voting could drive down turnout overall. "The more complicated you make voting, the less likely people are going to be to vote, and ranked-choice voting undoubtedly makes it more complicated," Brewer said. "It's not a cure-all for everything that ails American democracy."

Trostel tells Press Herald wealthy taxpayers likely to seek loopholes if Question 2 passes

07 Nov 2016

Philip Trostel, a University of Maine professor of economics and public policy, told the [Portland Press Herald](#) that it's likely Maine's wealthiest residents would find ways to avoid paying higher taxes, if the ballot measure known as Question 2 passes Tuesday. Question 2 would levy a 3 percent surcharge on the state's highest earners to fund K-12 education. "The real question is what kind of tax avoidance methods we're going to see," Trostel told the paper. "There are various ways to avoid these taxes — they don't have to leave the state."

WABI covers 29th annual Culturefest

07 Nov 2016

WABI (Channel 5) reported on the 29th annual Culturefest held at the University of Maine New Balance Student Recreation Center. The family-friendly event is hosted by the Office of International Programs and International Student Association. About 50 countries were represented at the event that featured cultural exhibits, food, children's activities, a style show and performances. "We have around 450 international students on campus as well as many, many other multicultural groups and students, and it's really their moment to shine; dress in their traditional clothing, eating their food and just really sharing it with the community," said Sarah Joughin, assistant director of the Office of International Programs.

AP quotes Brewer in story on Maine Democratic Party's loss of a major donor

07 Nov 2016

The [Portland Press Herald](#) carried an Associated Press story, quoting University of Maine political science professor Mark Brewer, on the Maine Democratic Party's loss of millions of dollars in campaign donations from hedge fund manager and philanthropist S. Donald Sussman. "Any time you lose a donor of that magnitude, it's a big deal, especially in a state such as Maine," Brewer said. [Maine Public](#), [Sun Journal](#), [The Olympian](#) from Olympia, Washington and the [Daily Journal](#) of Johnson County, Indiana also carried the AP report.

Stephen King speaks with media ahead of book launch at UMaine

07 Nov 2016

Author and University of Maine alumnus Stephen King spoke with the [Bangor Daily News](#), WABI (Channel 5) and [WLBZ](#)

(Channel 2) about his latest book ahead of his Nov. 7 appearance at the Collins Center for the Arts. At the event, King will read from his newest book, “Hearts in Suspension,” and will talk about his days as a student at UMaine during the Vietnam War era. The event also will include a conversation with King’s former classmates and friends who were at UMaine with him during this time and who co-authored the collection. “Coming to the University of Maine after [growing up in a small town] was like all at once you discover a brand new world. I know that I was shocked the first time that I heard people challenge my beliefs, because I wasn’t used to that,” King told the BDN. “Little by little, my eyes were opened. Everybody’s were after a while, if you were in school, and if you were paying attention and using your intellect and listening to teachers and everything.” The book’s publication marks the 50th anniversary of King’s entrance into UMaine in 1966, according to an Associated Press report advancing the book launch. [Fox News](#) and Myrtle Beach Online carried the AP report.

Fogler to offer introductory workshop on open-source language R

08 Nov 2016

The Fogler Library at the University of Maine will offer “Introduction to R for Data Analysis and Visualization” from 6–8 p.m. Thursday, Nov. 17 in Fogler’s Library Classroom. This seminar will offer new users a hands-on introduction to R, one of the most dynamic and widely used programming languages in the world. R is a free open-source language with thousands of developers working to create and refine new packages for a variety of disciplinary applications. While the course will focus on fundamentals useful to all disciplines, some class time will be reserved for discipline-specific work to demonstrate for all learners the broad applicability of R. Topics could include text mining, machine learning, agent-based modeling, spatial analysis and app development. The workshop is open to any UMaine students, faculty or staff who are interested in learning about R. No prior experience with R or programming is required. Space is limited. To RSVP, use the online [form](#).

Boothbay Register reports on DMC graduate students’ research

08 Nov 2016

[Boothbay Register](#) published a University of Maine news release about University of Maine Darling Marine Center graduate students Carl Huntsberger and Whitley Gilbert. The students want their research to support better management of two of Maine’s most valuable natural resources — clean water and lobsters. Huntsberger conducts research on juvenile and adult lobsters to determine whether the number of rings that form on a part of the stomach called the gastric mill relates to a lobster’s age. Gilbert studies nutrient loading in Casco Bay to better understand water quality. “If we get a better handle on the causes and effects of nutrient loading in Casco Bay, it can help land-use managers make decisions that will keep the water clean,” Gilbert said.

UMaine mentioned in Press Herald article on Maine exporting wood chips to Europe

08 Nov 2016

The University of Maine was mentioned in a [Portland Press Herald](#) article about how Maine is poised to begin shipping wood chips to Europe for power generation next year if plans underway at Eastport and Searsport stay on track. Since wood can carry invasive insects, European Union regulations require all imported wood be heat-treated to kill bugs, according to the article. Suppliers need to receive government certification of their process, called phytosanitation. In Eastport, the port authority has been working with Maine-based Phyto Charter, a company that has been working with UMaine to develop a patent-pending system of heating the wood after it’s loaded into the hulls of chip carriers. Once loaded into cargo ships, the chip containers are hooked up to a blower system that delivers heated air that kills any stowaway pests, the article states.

Kennebunk Post cites UMaine Extension, Armstrong in article on local cranberries

08 Nov 2016

The [Kennebunk Post](#) cited the University of Maine Cooperative Extension and Charles Armstrong, a cranberry specialist with UMaine Extension, in an article about local cranberry growers. According to UMaine Extension, the first modern commercial harvest of cranberries in Maine was not cultivated until 1991. By 2000, there were 267 acres dedicated to the crop, the article states. Today, there are only 110 acres of cranberry bogs still in production, largely concentrated in Washington County, according to Armstrong. He said there are now only about 20 commercial cranberry growers in Maine, which last year produced a crop valued at \$1.5 million. This year, despite the drought, most farms managed to put out bumper crops, the article states.

Brewer calls campaign 2016 one of the worst in U.S. history, Kennebec Journal reports

08 Nov 2016

The [Kennebec Journal](#) spoke with Mark Brewer for a story about how communities across the state are preparing for Election Day. The University of Maine political science professor, who studies presidential campaigns, told the newspaper the 2016 race is one of the worst he has seen. "It's one of the top five," he said. "2016 is unique in a lot of ways and in ways that are not good."

Multiple media outlets cover Stephen King book launch, talk at UMaine

08 Nov 2016

The [Bangor Daily News](#), [WLBZ](#) (Channel 2), [WVII](#) (Channel 7), [WABI](#) (Channel 5) and [The Boston Globe](#) covered author Stephen King's book launch and talk Monday evening at the University of Maine's Collins Center for the Arts. In "Hearts in Suspension," King and 11 classmates and friends who attended UMaine with him share personal essays about their experiences on campus during the late 1960s. The BDN reports King told the crowd of 1,500 at the event that, at first, he wasn't sure he wanted to take part in the book project. "The bottom line was I wasn't sure I wanted to go back because those were turbulent years," King said. The [Kennebec Journal](#) also published a review of the book.

UMaine awarded funds to support women in computing sciences

09 Nov 2016

The National Center for Women in Technology (NCWIT) and Google.org have awarded the University of Maine \$3,000 to establish a student chapter of the [Association of Computing Machinery-Women in Computing \(ACM-W\)](#). UMaine is one of seven institutions to receive a 2016 NCWIT seed grant to develop a new chapter of the ACM-W. The funding is intended to help form groups on campus to increase women's confidence and connections within computing and technical fields, as well as reduce isolation that is often associated with traditionally male domains in professional and academic settings. The ACM-W provides important structures and resources to help break down existing biases and stereotypes, recruit and mentor women into computing fields, and build supportive networks for women across institutions. As a part of the grant, the UMaine School of Computing and Information Science is now a member of the [NCWIT Academic Alliance](#). The group consists of 450 colleges and universities across the country committed to institutional change in higher education. The new UMaine ACM-W chapter has been chartered by the national ACM-W and received approval from both undergraduate and graduate student governments. The grant effort was led by Stacy Doore, a Ph.D. candidate in spatial information science and engineering, and Kate Beard, a professor in spatial informatics. Beard and Silvia Nittel, an associate professor of spatial informatics, will serve as faculty advisers for the group. The first meeting to schedule activities such as a speaker series, networking events, workshops and outreach opportunities will be held in November. The UMaine chapter is eligible for additional funding to extend their activities and act as a mentor organization for other regional institutions. The group is open to all students and faculty who are interested in supporting women on campus and the region to pursue computing-related education, research and career pathways. More information is available on [Facebook](#) or by emailing Stacy Doore at stacy.doore@maine.edu.

Bricknell speaks with Maine Public about proposed exotic pet regulations

09 Nov 2016

Ian Bricknell, a professor of aquaculture at the University of Maine, was interviewed for the Maine Public report, "Animal owners, officials square off over proposed exotic pet regulations." The Maine Department of Inland Fisheries and Wildlife is revamping the rules on what kinds of animals Mainers can keep, according to the report. The more complex regulations would create four classifications of animals and set minimum qualifications needed for those who wish to keep an animal listed in a particular class, Maine Public reported. Bricknell said the process has seemed at times arbitrary and unscientific, and will become even more onerous for academic researchers under the new system. Certain species of frog and fish, commonly used in research, Bricknell said, would be prohibited under the proposed rules.

Environmental Health News quotes Ranco in article on tribal water sources

09 Nov 2016

Darren Ranco, an anthropology professor and director of Native American Research at the University of Maine, was quoted in an [Environmental Health News](#) article about health violations at tribal water treatment plants. A new analysis conducted by Texas A&M University found tribal drinking water utilities and wastewater treatment plants are far less likely to be federally inspected or receive enforcement despite more violations than non-tribal facilities, the article states. The article is part of a series looking into Native American struggles — and successes — to protect culturally significant water sources on and off the reservation, according to EHN. Ranco cautioned against conflating the lack of enforcement on reservations with indifference. “The EPA as an agency has done a lot of work to be pro-tribal, recognizing the [tribes’] limited resources,” he said, adding some of the inspection and enforcement snags might stem from poor coordination with the EPA and tribal agencies such as the Bureau of Indian Affairs or the Indian Health Services, the article states.

Barkan writes op-ed for BDN

09 Nov 2016

The [Bangor Daily News](#) published the opinion piece “What could make a great nation greater: Medicare for all,” by Steven Barkan, a sociology professor at the University of Maine. Barkan is the author of “Health, Illness, and Society: An Introduction to Medical Sociology,” published in August 2016. He 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.

UMaine students compete at America East Hackathon

09 Nov 2016

Thirteen University of Maine computer science and engineering students traveled to Binghamton University last weekend to take part in the America East Hackathon. At the two-day competition, students from universities in the America East Academic Consortium used coding and other skills to address civic challenges by building hardware and desktop, web and mobile applications. UMaine team members excelled, winning two prizes, including an environmental award for designing a trash can and recycling bin, equipped with sensors that send updates to smartphones, tracking how much refuse someone is recycling and throwing away. The America East Hackathon is set to become an annual event, with UMaine in the running to host next year’s competition.

UMaine child development learning center reaccredited by national association

10 Nov 2016

The Katherine Miles Durst Child Development Learning Center at the University of Maine recently earned reaccreditation from the National Association for the Education of Young Children — the nation’s leading organization of early childhood professionals. “It means we’re the best of the best,” says center coordinator Margo Brown. “It’s just recognition for what we do every day for the children in our program, and for the students on campus, who get to see firsthand what a quality learning environment looks like for young children.” To earn accreditation, the program and its services were judged according to 10 NAEYC Early Childhood Program Standards, earning scores of 100 percent or more on each. The scores higher than 100 percent reflect the fact that the learning center meets emerging criteria in those areas, essentially going above and beyond what is required. In addition, there was an on-site visit by an NAEYC assessor in late September. The center will be subject to additional unannounced site visits during its accreditation, and must file annual documentation to stay in compliance. The Katherine M. Durst Child Development Learning Center was established in 1931. It is used as a teaching tool for students focusing on early childhood education as part of the College of Education and Human Development’s undergraduate major in child development and family relations. Brown estimates that over the years more than 8,000 college students have been involved in the center, and that more than 4,000 young children have passed through its doors. The NAEYC accreditation program is 25 years old. More than 7,000 preschool programs nationwide are accredited through the organization, including 47 in Maine.

Artist informed by architecture to deliver IMRC presentation

10 Nov 2016

Artist and Harvard University lecturer Katarina Burin will give a free, public presentation at 7 p.m. Tuesday, Nov. 15 at the

University of Maine Innovative Media Research and Commercialization Center. Burin's appearance is part of Tuesdays at the IMRC, the Intermedia MFA visiting artist series. Originally from Slovakia, she creates drawings, models, collages and installation work. Her pieces are informed by the history of architecture, with a particular emphasis on Modernism, female architects and historical documentation. Burin's recent solo exhibitions have been at Neubauer Collegium for Culture and Society at the University of Chicago, Ratio 3 in San Francisco and P! in New York. For more information, or to request a disability accommodation, contact Eleanor Kipping at publicity@imrccenter.com or visit the Intermedia MFA website.

Call for proposals to support cultural events at UMaine

10 Nov 2016

The Cultural Affairs/Distinguished Lecture Series Committee is accepting grant applications from the University of Maine community. Grants support up to 50 percent of expenses associated with cultural events that enhance the artistic, cultural and intellectual life of the University of Maine. The next application deadline is Nov. 28. Proposals must be submitted online using the [CA/DLS Grant Application Form](#). Past awards have supported lecture and lecture series, Culturefest, the International Dance Festival, exhibits, performances and guest artists. Grant Application Guidelines and more information about the Cultural Affairs and Distinguished Lecture Series is [online](#).

Climate Central interviews Gill about Trump's election win

10 Nov 2016

Jacquelyn Gill, a paleoecologist at the University of Maine, was included in the [Climate Central](#) article, "Climate experts weigh in on Trump's election win." In response to Tuesday's election, Climate Central reached out to climate, energy and policy researchers, including Gill, to see how they think a Trump presidency will impact climate research and efforts to limit future warming and mitigate what has already happened, the article states.

UMaine events included in WABI report on Veterans Day celebrations

10 Nov 2016

WABI (Channel 5) included University of Maine events in a report on Veterans Day celebrations that are planned around the state. The university is recognizing veterans with a week of events coordinated by the UMaine Office of Veterans Education and Transition Services (VETS) and UMaine Veterans Association. UMaine Veterans Week activities include a "Day in the Life of a Veteran" photography exhibit, "Maine Lifts for Veterans" fundraiser, Veterans Day 5K and a women's basketball game vs. Purdue as part of the UMaine Black Bears Military Appreciation Series that offers free tickets to military personnel, veterans and families.

VinePair interviews Mahon about impact of Trump's election on Mexican beer distributor

10 Nov 2016

[VinePair](#), an online site covering the wine, beer and liquor industries, spoke with John Mahon, the John M. Murphy Chair of International Business Policy and Strategy at the University of Maine, for a post-election story on how Donald Trump's victory is impacting the stock market value of Mexican beer distributor Constellation Brands. Mahon is co-author of the study "[U.S. Beer Flows & the Impact of NAFTA](#)." While U.S. markets closed at record highs the day after the election, Constellation Brands stock was down nearly 8 percent, according to the article. Mahon told VinePair the fallout could last awhile. "The impact might be modest but long lived, as opposed to a sudden large, short-term drop," Mahon said.

Dill to give talk on managing pests at Maine Harvest Festival, Maine Edge reports

10 Nov 2016

The Maine Edge reports Jim Dill, a pest management specialist with the University of Maine Cooperative Extension, will give a talk at the Maine Harvest Festival later this month. Dill's presentation, "Integrated Pest Management for Small Farms and Gardens," will take place at the festival's Farm Talks Stage, at the Cross Insurance Center in Bangor at 12:30 p.m. Sunday, Nov. 20. UMaine's Page Farm and Home Museum also is scheduled to present educational and hands-on demonstrations, according to the article.

Maine Public, WLBZ interview Fried for stories on election results

10 Nov 2016

[Maine Public Radio](#) spoke with Amy Fried, a political science professor at the University of Maine, for a story on why Democrat Emily Cain lost her bid to represent Maine's 2nd District in the U.S. House of Representatives. "Well whenever you lose it's very easy to say that something should have been different and you know, obviously, there's a case for that here," Fried told Maine Public Radio. "I would think that Poliquin benefited both from the presidential race and from Question 3 in particular." Fried also spoke with [WLBZ](#) (Channel 2) for a story on why polling was so off in the election.

WABI advances Sen. King's climate change talk

10 Nov 2016

WABI (Channel 5) reported U.S. Sen. Angus King will deliver the Senator Margaret Chase Smith Public Affairs Lecture at the University of Maine's Collins Center for the Arts at 3:30 p.m. Nov. 10. King's address, "Maine and Climate Change: The View from Greenland," is free and open to the public. King recently spent three days in Greenland where he examined the environmental and security implications of warming the Arctic climate, according to WABI.

Brewer speaks with several media outlets following Election Day

10 Nov 2016

Mark Brewer, a political science professor at the University of Maine, spoke with several news organizations following Election Day. On [WVII](#) (Channel 7), Brewer spoke about the shock people around the country are feeling after the presidential election. "Some are happy stunned and some are sad stunned, but people are stunned that we are here, right now looking at this," he said. [The Christian Science Monitor](#) quoted Brewer in the article, "Gun-control initiatives pass in West Coast states. Why not in Maine?" Three of the four states considering ballot initiatives to tighten gun-control laws approved their measures as expected Tuesday, but Maine voters rejected a push for universal background checks, according to the article. "I think there are two lessons that gun control advocates should take out of this," Brewer said. They should be wary of coming across as "meddlesome big-city outsider" running a campaign in a state that is not their own, and they should carefully craft proposed policies to avoid unintended consequences, he said. "Maine also has a longstanding tradition of opposition to forces external to Maine trying to interfere in what is seen as Maine's business, to the point where people who are not from Maine — and even people who live in Maine now, but were born elsewhere — are not considered true Mainers. They are 'from Away,'" he added. The [Portland Press Herald](#) also quoted Brewer in a report on Question 3. "Maine has a long history of gun ownership, gun usage and a strong hunting tradition, and that matters," he told the Press Herald. "Any time that seems to be under attack, it is easy to mobilize that sentiment."

UMaine professor brings giant map of Europe to Leonard Middle School

10 Nov 2016

A giant map of Europe is currently taking up a portion of the gymnasium floor at Leonard Middle School in Old Town, where students are using it to study the geography and culture of the continent. It's the second consecutive year that University of Maine College of Education and Human Development Assistant Professor Patrick Womac has [brought a giant map to the school](#). Last year, he obtained an oversized map of Africa, which occupied the Leonard Middle School gym floor for two weeks. The 26-foot by 26-foot map of Europe is part of National Geographic's Giant Traveling Maps Program. It comes with a tub filled with lessons, activities and games designed to build students' social studies knowledge. Leonard Middle School teachers and students will be using the map through Monday Nov. 21. The school will hold a European Culture Fair on Tuesday Nov. 22. Womac is currently seeking local businesses to help with all or part of the map's \$610 rental fee.

UMaine volunteer group to paint home for disabled veteran

10 Nov 2016

A team of around a dozen students with the University of Maine's Alternative Breaks program will gather at 719 County Road in Milford on Friday, Nov. 11 at 9 a.m. to paint the home of a veteran who is disabled. Milford resident Rachel Putnam, who

served in the U.S. Navy from 1979–99 as an aviation electronics technician, has multiple sclerosis. Though she’s still physically active, Putnam needs help with big household projects like exterior house painting. When an arrangement to have some volunteers paint the outside of her house before winter fell through, Putnam reached out to the Bureau of Maine Veterans’ Services. The bureau contacted UMaine’s Veterans Education and Transition Services (VETS) Office, which put out a call for help. The Bodwell Center for Service and Volunteerism responded and Putnam was connected with an Alternative Breaks team. UMaine’s Black Bear Chapter of Alternative Breaks is part of a national service-learning program in which participants volunteer to help those in need, both locally and on weeklong trips over spring break. The Alternative Breaks student group that is going to help Putnam will also travel to Rockaway, New Jersey in the spring to work with Habitat for Humanity, says Lisa Morin, Coordinator at the Bodwell Center. “The groups always look for local projects to complete prior to their trip,” Morin says. “These projects are part of their group development and really help them to prepare for their trips. Finding something so closely related to their distance project is not always possible, so they are excited.”

Lobster Institute annual fundraiser Dec. 1

14 Nov 2016

The 2016 Holiday Lobster & Wine Feast hosted by the Lobster Institute at the University of Maine will be held 6–9 p.m. Dec. 1 at Buchanan Alumni House. This year’s event features the winning Judges’ Choice dish from the Boothbay Harbor Lobster Claw Down by Chef Delroy Bennett of Rocktide Inn. Tickets are \$75 per person; \$500 for a table of eight, with proceeds benefiting the Lobster Institute. The deadline to purchase tickets is Nov. 27. Tickets are available [online](#); for more information, call 581.1443.

UMaine mentioned in BDN article on vigils, walks held after election

14 Nov 2016

The University of Maine was included in the [Bangor Daily News](#) article, “Fearful of backlash against LGBT from Trump win, Unitarians find comfort in vigils, prayer.” The recent election of Donald Trump as president has local Unitarian Universalist church members praying that he won’t curtail the social and legal acceptance that gay and transgendered citizens say they have earned through decades of perseverance, according to the article. The members of at least five churches, including those in Augusta, Bangor, Blue Hill, Damariscotta and Portland, have gathered for candlelight vigils, prayer groups or discussions since Trump’s victory. Students at UMaine also held a walk for those who felt “victimized” by Trump’s win, the article states.

King notes differences with Trump prior to UMaine climate change talk, WVII reports

14 Nov 2016

U.S. Sen. Angus King told [WVII](#) (Channel 7) that he hopes President-elect Donald Trump will be open minded on the subject of climate change. King spoke with the TV station prior to a talk he gave last Thursday on climate change at the University of Maine. Trump has called climate change a hoax. He also vowed, during the campaign, to cancel U.S. participation in the Paris agreement. In April, the U.S. and nearly 200 other countries signed the accord, pledging to reduce carbon emissions. Under the agreement, the U.S. would be responsible for roughly 20 percent of the carbon reductions. “I’d love to get an hour with him (President-elect Trump) and give him the presentation that I’m going to give today,” King told WVII. “It’s very hard to refute what’s going on because the science is so sound.”

Lincoln County News reviews doctoral student’s photography exhibit

14 Nov 2016

[The Lincoln County News](#) reviewed a photography exhibit by Katie Coupland, a doctoral candidate in oceanography at the University of Maine Darling Marine Center. Coupland’s small collection of photographs are on exhibit at the Rising Tide Community Market in Damariscotta, according to the article. The show will run through Nov. 23, the article states.

Glover writes op-ed on Trump election for BDN

14 Nov 2016

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 “Here’s what Trump’s electoral ‘upset’ means for our major political parties.”

Fried to address Democrats in Ellsworth, Mount Desert Islander reports

14 Nov 2016

[Mount Desert Islander](#) reported Amy Fried, a political science professor at the University of Maine, will speak to the Hancock County Democratic Committee at the Moore Community Center in Ellsworth at 7 p.m. Thursday, Nov. 17. The program is free and open to the public, and the committee’s regular business meeting will follow, according to the article.

The Verge cites Gill in article on public funding for scientific research

14 Nov 2016

[The Verge](#) mentioned Jacquelyn Gill, a paleoecologist at the University of Maine, in the article, “Will Trump slash public funding for scientific research?” Academic institutions in the U.S. rely heavily on federal dollars for running their labs, buying equipment, processing samples, and training the next generation of scientists, according to the article. Researchers all over the country also depend on the grants to make a living, the article states. Gill recently received a \$300,000 grant from the National Science Foundation to fund her research for the next three years. Part of that money will go into her own salary and into the salary for undergraduates and postdoctoral researchers who work at her lab, The Verge reported. Cutting public funding would make it difficult to attract young people into scientific research, the article argues.

Mexican exchange students enjoying time at UMaine, WABI reports

14 Nov 2016

Twenty-five Mexican students have been enjoying a month-long exchange program at the University of Maine, reported WABI (Channel 5). The students, who are studying at UMaine’s Intensive English Institute, have attended a Black Bear hockey game and laced up skates and taken their own spin around the ice at Alfond Arena. “Exciting to be here. We don’t have many ice skating places in Mexico. It’s a great experience,” student Kevin Silvas told WABI.

Harkins quoted in BDN article on new Bangor co-working space

14 Nov 2016

Jason Harkins, an associate professor of entrepreneurship at the University of Maine, spoke with the [Bangor Daily News](#) for an article about CoVort, a startup business he co-owns. CoVort is an around-the-clock office for rent, social club and business incubation center located in Bangor that plans to take advantage of the nationwide trend toward co-working, according to the article. “There are lots of people that co-work on a full-time basis,” Harkins said. “It is a space for people who want to work around others who are like-minded people and get the benefits of a community but who also want to have a dedicated professional space to work in.”

UMaine students paint veteran’s house, WABI, WLBZ report

14 Nov 2016

Cameras from WABI (Channel 5) and [WLBZ](#) (Channel 2) were rolling on Veterans Day, when a group of University of Maine students volunteered their time to paint the home of a disabled U.S. Navy veteran in Milford. Rachel Putnam, who served in the Navy for 20 years, has multiple sclerosis and can’t take on large, home-improvement projects by herself. So Putnam got in touch with the Alternative Breaks program at UMaine’s Bodwell Center for Service and Volunteerism, which arranged for a team of students to come out and give her a hand. “I’m retired Navy and this is a very special day to me and to my fellow veteran friends,” Putnam told WABI. “They are doing an awesome job and I appreciate it so much.”

UMaine student teams up to win the 2016 Northeast Dairy Challenge

14 Nov 2016

Five students from five universities combined their business acumen and animal husbandry expertise to win the platinum

award at the 2016 Northeast Regional Intercollegiate Dairy Challenge this November. Carly Amsden, a third-year animal science student in the University of Maine's School of Food and Agriculture from Elliot, Maine, and her team beat out 23 other groups from 14 colleges and universities spread throughout the Northeastern United States and Canada to take the first place award. Amsden was joined by Derek Oliver of McGill University, Jamie St. Pierre of Cornell University, Jordan Hubbell of SUNY Cobleskill and Kiersten Foster of Alfred State College. The team, which was sponsored by Progressive Dairy Solutions Inc., also received special recognition when they were granted the Don Rogers Award, which is reserved for teams that perform with the very best excellence in the competition. Don Rogers is a retired farm business management consultant with Farm Credit who worked throughout the Northeast and was a founding member of the Dairy Challenge. In the competition, the team evaluated Welcome Stock Farm in Schuylerville, New York. This six-generation dairy farm is owned by the Peck family and milks 895 cows and markets purebred breeding stock. The Dairy Challenge is a two-day competition where students apply theory and learning to an operating dairy farm. Teams first receive production and financial information about a dairy farm in the area, followed by an in-person inspection of the farm. The students then have a brief question and answer session with the farm owner. With this information, the teams develop a farm analysis, which includes recommendations for nutrition, reproduction, animal health, housing and financial management. The next day each team presents their recommendations to a panel of expert judges in a 20-minute presentation, and then fields questions from the judges. The teams are evaluated based on the balance and quality of their presentation, their response to the judge's questions and the accuracy of their analysis and recommendations.

Steneck contributes to global study touting local management of kelp forests

15 Nov 2016

A half-century of global ocean research indicates local management is key to sustaining kelp forest health. Kelp — large brown seaweed or alga — provides food or habitat for a number of species, including fish, sea urchins and lobster, says Bob Steneck, a University of Maine oceanographer and one of 37 scientists who took part in the international project. Lead author Kira Krumhansl, an associate professor at Simon Fraser University in British Columbia, Canada, says understanding regional environments is central to maintaining the dense underwater forests. “Each region is unique. In fact, each forest is unique,” says Krumhansl. “Managing stressors on local scales has a key role to play in maintaining the health of kelp ecosystems in the face of increasing global pressures.” The research, published in the “Proceedings of the National Academy of Sciences,” is the largest study of kelp forests ever produced. Scientists found that while kelp in 38 percent of the analyzed regions showed clear declines, there were regions where kelp has increased (27 percent) and others where no net change was observed (35 percent). The range of trajectories observed across regions far exceeded a small rate of decline at the global scale (1.8 percent decline per year), according to the study. Thus, while global factors associated with climate change affect kelp forests, regional effects vary depending on the kelp species, local environmental conditions and other stressors, including the combination of fishing and climate change. In the Gulf of Maine, kelp forests are dynamic, says Steneck, a professor of marine biology, oceanography and marine policy based at the Darling Marine Center in Walpole, Maine. In late 1980s, after harvesting of kelp-eating sea urchins ratcheted up in the Gulf of Maine, kelp forests began to flourish. In 2013, [Steneck published research](#) on this ecosystem “flip,” or chain reaction involving sea urchins, kelp and Jonah crabs. Kelp forests, he says, are important to lobsters along the rocky Maine coast. “They [lobsters] typically don’t like hanging out on a bare ledge that’s like a parking lot with nowhere to hide,” he says. “Kelp is a great habitat for lobster, so keeping track of kelp abundance is important. Fortunately, the coast of Maine is holding its own.” Kelp also is a commercial crop being cultivated at sites along the Maine coast. Steneck says kelp forests help reduce the amount of carbon dioxide in the ocean so it can locally reduce ocean acidification. Marine ecologist Andrew Rassweiler at Florida State University says kelp has a unique capacity to recover quickly from disturbances. “A whole forest of giant kelp can disappear in a season, and it is tempting to overreact to such dramatic change,” he says. “This study presents important context for such changes; kelp can recover just as fast, and all these rapid local dynamics have added up to relative stability at the global scale over recent decades.” Researchers analyzed a half-century of data contributed by academics, government agencies, volunteers and underwater scientists monitoring 1,138 ecosystem sites in 34 regions around the planet. Despite amassing a comprehensive database of kelp abundances, data are still lacking from many regions worldwide. The lack of data hinders understanding of how kelp forests around the planet have changed and of their future trajectory, says co-author Jarrett Byrnes, professor of biology-marine ecology at the University of Massachusetts Boston. While Byrnes expected the study to yield all bad news, he says kelp emerged as a rock star of resilience. “In many places, it’s managed to hold its own against environmental change. It’s quite exciting,” he says. “What is worrying, though, is that in one-third of the regions of the world we studied, even kelps have not been able to withstand the pressures of a changing world. Their loss may be a sign that we have finally tipped over the edge of a precipice.” But, for the time being, Steneck says kelp forests along the coast of Maine are doing well and even increasing in places. Contact: Beth Staples, 207.581.3777

Hutchinson Center presents readings on Franco-American women's heritage

15 Nov 2016

The cultural contributions of women of Franco-American heritage will be the subject of a program of readings on Friday, Nov. 18 at the University of Maine Hutchinson Center in Belfast. Author Rhea Côté Robbins, founder and director of the Franco-American Women's Institute (FAWI), will host the event, which begins at 5:30 p.m. and features readings by Betty-Ann Khoury-Burns, Mary Ellms, Melissa MacCrae and Trudy Chambers Price. The authors will be reading from pieces contributed to "Heliotrope French Heritage Women Create," an anthology of written works and visual arts, published by Côté Robbins, in celebration of the 20th anniversary of the founding of FAWI. FAWI, based in Brewer, celebrates, in print and online, the cultural contributions of women of Franco-American heritage in Maine.

LGBTQ Services to receive award from EqualityMaine

15 Nov 2016

The work of Lesbian, Gay, Bisexual, Transgender, and Queer (LGBTQ) Services at the University of Maine will be recognized with the Community Partner Award of EqualityMaine. The award, given to businesses and organizations that go above and beyond in the service of equality, will be presented to UMaine Vice President for Student Life and Dean of Students Robert Dana and Crissi Dalfonzo, a graduate assistant in LGBTQ Services, at the Bangor Community Holiday Celebration Dec. 9. The mission of LGBTQ Services is to empower and increase the visibility of LGBTQ people by promoting equality and inclusiveness at UMaine. LGBTQ Services strives to maintain an open, safe and supportive environment for all students, staff, faculty and alumni and provides educational opportunities, information and advocacy services.

Senior Citizen Tuition Waiver noted in BDN column on free services for older adults

15 Nov 2016

Maine residents 65 years of age or older can take undergraduate courses at the University of Maine for free, reports the [Bangor Daily News](#). The newspaper mentioned UMaine's Senior Citizen Tuition Waiver in a column for Consumer Forum, a BDN consumer news partnership with Northeast CONTACT.

Washington Post cites Climate Reanalyzer in story on unseasonably warm temperatures

15 Nov 2016

[The Washington Post](#) used data from the Climate Reanalyzer, a website produced by the University of Maine's Climate Change Institute, for a recent story on the unseasonably warm temperatures sweeping North America. The United States, the story notes, experienced its third-warmest October on record and the warmth has continued into the first part of November. [KTRK-TV Houston](#) also cited the map in a report about global sea ice being at a record low, and the graphic was used as [NASA's](#) Astronomy Picture of the Day.

Smith tells WABI about upcoming Page Farm and Home Museum festival appearance

15 Nov 2016

James Smith, a staff member at the University of Maine's Page Farm and Home Museum, visited the studio of WABI (Channel 5) to talk about the organization's involvement in the Maine Harvest Festival. The festival takes place 10 a.m.–4 p.m. Saturday and Sunday, Nov. 19–20 at the Cross Insurance Center in Bangor. Smith said the Page Farm and Home Museum will offer several activities and demonstrations, including a potato-picking contest, farm talks, sheep shearing and shawl making. The [Bangor Daily News](#) also mentioned the museum's offerings in an article about the festival.

Statistics compiled by Sorg cited in media reports on Maine overdose deaths

15 Nov 2016

Marcella Sorg, an anthropologist and research professor with the Margaret Chase Smith Policy Center at the University of Maine, was mentioned in the [Bangor Daily News](#) article, "'One person a day is dying' in Maine, drug overdose numbers surpass 2015." With 286 drug overdose deaths in Maine as of September, the state has already exceeded last year's record-

setting drug-related death total of 272, Attorney General Janet Mills announced in a [press release](#). “One person a day is dying from a drug overdose in Maine,” Mills said. “I cannot stress how dangerous these drugs are.” Heroin, cocaine, methamphetamine or clandestine lab-made fentanyl have been linked to 195 or 68 percent of the drug-related deaths in the first nine months of 2016, according to a preliminary analysis compiled by Sorg, who analyzes overdose deaths for the state’s attorney general, the BDN reported. The press release states the increase is mainly due to illegally manufactured fentanyl and fentanyl analogs, but the number of deaths due to other drugs also is increasing, the Associated Press reported. Maine Public and [Boston.com](#) carried the AP report. [Portland Press Herald](#), [The Forecaster](#), [WVII](#) (Channel 7) and WLBZ (Channel 2) also reported on the statistics.

President Hunter reassures students they’re safe on campus following election, media report

15 Nov 2016

The [Portland Press Herald](#) and [Maine Public](#) reported University of Maine President Susan J. Hunter sent an all-campus email, saying any acts of harassment or intimidation on the university system’s flagship campus would not be tolerated. Racist incidents at several schools, including the University of Pennsylvania and the University of Oklahoma, have been reported since last week’s election of Donald Trump as the nation’s 45th president. “While horrendous acts of hate have occurred across the country, and we know people are experiencing anxiety and fear within our community,” wrote President Hunter in her email, “we all, including the UMaine police, unequivocally stand together and assure that harassment or intimidation of any sort will not be tolerated.”

UMaine Detective Chris Gardner passes away

15 Nov 2016

Longtime University of Maine Police Department Detective Chris Gardner passed away unexpectedly Nov. 15 in a Bangor hospital. He was 47. Gardner had been a member of UMaine PD for 27 years, rising to the rank of detective sergeant. For more than seven years, he also worked as a special agent with the North Central Task Force of the Maine Drug Enforcement Agency. In addition to his exemplary career in law enforcement, Gardner is remembered for his tireless work with the Maine Law Enforcement Torch Run that raises awareness and funds for Special Olympics. “Chris and I worked closely together for nearly three decades,” says Robert Dana, UMaine vice president for student life and dean of students. “He supported all members of the university community, particularly students, and was the consummate professional. He loved the University of Maine, and his spirit of caring and devotion will long be with us.” “Our department and law enforcement statewide have lost a colleague and a friend,” says UMaine Police Chief Roland LaCroix. “Chris was dedicated to justice and to the UMaine community he served. That included a heart-felt commitment to public safety, advocacy and helping others in need. His thoughts and actions improved the lives of countless citizens — and made a difference. Our thoughts and prayers go out to his family, friends and the officers with whom he served.” Funeral arrangements will be announced at a later date.

Workshop series to focus on financial, legal issues for farmers

16 Nov 2016

University of Maine Cooperative Extension will offer a four-part workshop focused on financial and legal issues for current and potential farmers. The first session is 1–5 p.m. Nov. 30 at Coastal Enterprises Inc., 30 Federal St., Brunswick. Additional sessions will meet 1–5 p.m. Dec. 7 and Jan. 4 at UMaine Regional Learning Center, 75 Clearwater Drive, Falmouth; and Dec. 14 at Shaw Brothers Construction, 341 Mosher Road, Gorham. Topics will include farm transition, ownership and business planning, health and farm insurance, tax management, permits, labor law and pesticide regulations. Presenters will include agricultural service providers who specialize in financial, legal, regulatory and risk management topics. Cost is \$10 per session, \$30 for all four. More information, including registration, is online. To request a disability accommodation, call Lynne Hazelton at 781.6099.

Media report on student protest of presidential election

16 Nov 2016

The [Bangor Daily News](#), [WLBZ](#) (Channel 2) and Sun Journal covered a student-run peaceful protest at the University of Maine. About 50 students and UMaine community members gathered on the steps of Fogler Library to speak out against the presidential election of Donald Trump, according to the BDN. Collin MacMillan, a first-year business major who did not

participate in the protest, told the BDN he saw it as a healthy display of how many college students are feeling in the election's wake. "I think it's a great example of freedom of speech," he said. "I think it's a great example of college students expressing how they're feeling right now." Maine Public carried the BDN report.

Johnson speaks about UMaine Museum of Art holiday events on WVII

16 Nov 2016

Kat Johnson, education coordinator at the University of Maine Museum of Art in downtown Bangor, was a recent guest on [WVII](#) (Channel 7). She spoke about upcoming free holiday events at the museum, including art trivia nights in November and January, and Winter Art Factory 11 a.m.–3 p.m. Dec. 3.

UMaine law enforcement mourn loss of colleague, media report

16 Nov 2016

[WABI](#) (Channel 5) and [WLBZ](#) (Channel 2) reported on the passing of longtime University of Maine Police Department Detective Chris Gardner. Gardner passed away unexpectedly Nov. 15. He was 47. Gardner had been a member of UMaine PD for 27 years, rising to the rank of detective sergeant. For more than seven years, he also worked as a special agent with the North Central Task Force of the Maine Drug Enforcement Agency. He also is remembered for his work with the Maine Law Enforcement Torch Run that raises awareness and funds for Special Olympics. "No. 1 he enjoyed being a police officer," UMaine Police Chief Roland LaCroix told WABI. "He loved the University of Maine. He loved the University of Maine sports, and he loved the University of Maine Police Department. A tenacious investigator; and he loved his job."

Laatsch discusses latest space news on Maine Public's 'Maine Calling'

16 Nov 2016

Shawn Laatsch, director of the Emera Astronomy Center and Maynard F. Jordan Planetarium at the University of Maine, was a recent guest on [Maine Public's](#) "Maine Calling" radio show. The show focused on the latest news from space, including the supermoon and new findings from Mars.

Students to deliver 'lightning talks' on sustainability projects

16 Nov 2016

Eight University of Maine students from a variety of disciplines will have five minutes each to present their sustainability projects on Nov. 21. The "Sustainability Lightning Talks" will begin at 3 p.m. in Norman Smith Hall, Room 107. Students will give details of their specific research related to a larger group project. The projects cover a variety of topics, but all relate to sustainability and the state of Maine. Topics include cheesemaking startup businesses, reuse of material goods, building energy-saving window inserts, weed management on organic farms, engaging citizen scientists, and investigating lake water quality. A question and answer period will follow the talks. More information about the presentations and projects is on the Senator George J. Mitchell Center for Sustainability Solutions [website](#).

University Bookstore offering payroll deduction benefit for personal Apple purchases

17 Nov 2016

This fall, University Bookstore is offering a payroll deduction benefit to University of Maine employees. The interest-free deduction is available to full-time faculty or staff members on a purchase of any Apple computer or iPad for personal use. All University of Maine System campuses already get the brand's special education pricing through UMaine Bookstore. At this time, the new benefit only applies to UMaine employees. To learn more about payroll deduction and special education pricing, visit the bookstore at 10 a.m. or 2 p.m. Friday, Nov. 18. Those who cannot make either session can stop by the bookstore's tech center for details.

Laatsch to serve as head of International Planetarium Society

17 Nov 2016

Shawn Laatsch, director of the University of Maine's Emera Astronomy Center and M.F. Jordan Planetarium, will soon begin a two-year term as president of International Planetarium Society, Inc. Laatsch's appointment begins Jan. 1, 2017 and runs through Dec. 31, 2018. The society, which has roughly 700 members from 40 different countries, promotes astronomy and space education using planetariums, offers professional development to members, and hosts a biennial conference. During his tenure, Laatsch will speak at planetariums across the globe and oversee the group's 2018 conference in Toulouse, France.

Ellsworth American reports on Sullivan painter's UMaine Museum of Art exhibit

17 Nov 2016

[The Ellsworth American](#) published an article about Sullivan artist Philip Frey's current exhibit at the University of Maine Museum of Art in downtown Bangor. "Parallels" features a variety of portraits, cityscapes and abstract compositions that display the painter's expert use of a rich color palette, deft brushstrokes and strong drawing skills, according to the article. "By design, the explorations in one series influence the other and vice versa," Frey said in his artist's statement. The show runs through Dec. 31. UMMA is located at 40 Harlow St. and is open from 10 a.m. to 5 p.m. Tuesdays through Saturdays; admission is free.

UMaine Center on Aging cited in BDN article on making Bangor 'age-friendly'

17 Nov 2016

The University of Maine Center on Aging was mentioned in the [Bangor Daily News](#) article, "Defining 'age-friendly' for Bangor." With another year to serve in his three-year term on the Bangor City Council, outgoing chairman Sean Faircloth said he remains committed to strategies aimed at building Bangor's status as an age-friendly community, according to the article. One of Faircloth's strategies for supporting older city residents is the Innovative Neighborhoods Initiative. The project divides the city into five geographic neighborhoods and challenges them to develop proposals for making their communities safer, more vibrant and more attractive to residents of all ages, the BDN reported. Focus groups have been meeting across the city under the leadership of the Bangor Department of Health and Community Services and the UMaine Center on Aging and with funding from the senior advocacy group AARP. A report of their recommendations is due early next month, the article states.

Griffin Dill speaks with Camden Herald about abundance of acorns, mice, ticks

17 Nov 2016

The [Camden Herald](#) interviewed Griffin Dill, a pest management specialist with the University of Maine Cooperative Extension, for the article, "Abundance of acorns: mice and ticks to follow." This year, acorns are particularly prevalent as a result of an agricultural mast year, and the tree fruit is a harbinger of increased rodent and insect populations, according to the article. "The large quantities of acorns allow mice and other small mammals to be better fed, breed and have more offspring," Dill said. Mice serve as ideal hosts for larval ticks because they reproduce at a high rate and can live in much smaller spaces than larger mammals such as deer, the article states. Mice also carry the bacteria *Borrelia burgdorferi*, which becomes Lyme when transferred to ticks. Dill said a "vector bridge" is necessary for the bacteria to become Lyme in a human who is bitten by an infected tick.

SandPaper cites Socolow's research on 'War of the Worlds' hysteria myth

17 Nov 2016

[The SandPaper](#), a news magazine based in Surf City, New Jersey, cited research by Michael Socolow, a professor of communication and journalism at the University of Maine, in the article, "Were newspapers in on 'War of Worlds' hoax?" The article looked at the overblown reports of panic following Orson Welles' 1938 radio broadcast of "War of the Worlds." Newspapers across the country reported that during the hour of the broadcast, people along the East Coast, especially in New Jersey, had panicked and run into the streets to save themselves, according to the article. Socolow's research challenges the version of events that has been repeated over the years, the article states. "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' program to discredit radio as a source of news. The newspaper industry sensationalized the panic to prove to advertisers, and regulators, that radio management was irresponsible and not to be trusted," according to Socolow.

BDN reviews School of Performing Arts, Emera Astronomy Center production

17 Nov 2016

The [Bangor Daily News](#) published a review of “Constellations,” a joint production of the School of Performing Arts and Emera Astronomy Center. British playwright Nick Payne applies string theory to an evolving relationship between two lovers in his awarding winning one-act, according to the article. Marcia Joy Douglas, an associate professor of theatre, is directing the production, and UMaine’s Innovative Media Research and Commercialization Center is providing projection design and technology by Gene A. Felice II. Douglas’ decision to present “Constellations” in the Emera Astronomy Center’s M. F. Jordan Planetarium allows theatergoers to collide with time, space and the characters, the article states. “This production of ‘Constellations’ is a theatrical experience not soon forgotten,” the review states. The Maine Edge also published a review of the play.

CUGR announces 2016–2017 Research and Creative Activities Fellowship winners

17 Nov 2016

The University of Maine’s Center for Undergraduate Research (CUGR) has announced the recipients of the Research and Creative Activities Fellowships for 2016–17. The fellowships were developed to enhance and increase undergraduate student involvement in faculty-supervised research and creative activities, and are supported through the office of the Vice President for Research. Each fellowship provides a \$1,000 award for the student to help cover costs of their project. Results of the research projects and creative achievements will be presented to the community Monday, April 24, 2017 as part of the UMaine Student Research Symposium (#USRS17). The winning projects:

- Brady Andrews of Litchfield, Maine; Tyler O’Keene of Fryeburg, Maine; and Amelia Reinhardt of Tenants Harbor, Maine; English, “English(es) as a Language & Subject” with faculty mentor Paige Mitchell;
- Aidan Bauer of Portland, Connecticut, new media, “Escape: A Roguelite Stealth Experience” with faculty mentor Jon Ippolito;
- Abby Bellefleur of Auburn, Maine, communication, “Mental Health and the Media: Exploring the Relationship Between Television Viewing Habits and College Student’s Attitudes Toward Mental Health” with faculty mentor Liliana Herakova;
- Aaron Bissonnette of Lewiston, Maine, chemical engineering, “Synthesis of Carbohydrate Chains” with faculty mentor Matthew Brichacek;
- William Patrick Breeding of East Granby, Connecticut, bioengineering, “Photocatalysis of Atrazine by Various Bismuth Oxyhalides: Rates, Mechanisms and Byproducts” and “Homogenous Integration of Iron Oxide Nanoparticles into Cellulose Nanofibers” with faculty mentors Howard H. Patterson and Michael Mason;
- Christopher J. Carey of Winslow, Maine, psychology, “The Impact of Training Methodologies on Learning Categorical Representations and their Generalizability to Novel Tasks Using Rule Based Structures” with faculty mentor Shawn W. Ell;
- Sarah Courtright of Bangor, Maine, new media, “Four Hellhounds of the Apocalypse” with faculty mentor Jon Ippolito;
- Meaghan Delcourt of Old Town, Maine, psychology, “The Pathway from Nonsuicidal Self-Injury to Suicidal Ideation: Investigating the Role of Depressive Rumination and Heart Rate Variability” with faculty mentor Emily Haigh;
- Alan Estes, theatre, “(sign) or A Staged Collection of Experiences in the Deaf Community” with faculty mentor Marcia Douglas;
- Christopher Frantz Gilbert of Scarborough, Maine, psychology, “Non-Invasive SleepMove Mattress Used to Detect Cognitive Decline” with faculty mentor Marie Hayes;
- Graham Van Goffrier of Norwell, Massachusetts, physics, “Investigating a Correlation Between Minimal Surfaces and Relativistic String Dynamics” with faculty mentor Neil Comins;
- Catherine Gottwalt of Little Falls, Minnesota and Emma Barnes, English, “Creative and Communicative Integrity” with faculty mentor Paige Mitchell;
- Kayla Greenawalt of Schuylkill Haven, Pennsylvania, ecology and environmental science, “Identifying Pollen of Native Grasses from the Falkland Islands to Build a Reference Collection” with faculty mentor Jacquelyn Gill;
- Silvia Guzman of Santo Domingo, Dominican Republic, new media, “Deconstruction of Stereotypes and Biases Manufactured by the Media to Create a More Conscious Society” with faculty mentor Mike Scott;
- Samuel Landry of Yarmouth, Maine, chemical engineering, “Microfluidic mixer for studying nanoparticle formation” with faculty mentor Scott Collins;
- Trevor LeGassie of Presque Isle, Maine, new media, “Project Dismay” with faculty mentor Mike Scott;

- Nat Midura of Chelmsford, Massachusetts, civil and environmental engineering; Cara Morgan of Exeter, Maine; and Molly Masters of New Gloucester, Maine, English, “Intertextual Binaries among CLAS and STEM Ideologies” with faculty mentor Paige Mitchell;
- Matthew A. Moyet of Jacksonville, North Carolina, biology, “Synthesis of New Bismuth Nanoparticles for Photocatalysis of Harmful Pesticides” with faculty mentor Howard H. Patterson;
- Malik Robinson, philosophy, “Overlapping Otherness: A Phenomenological Exploration of Black Homophobia” with faculty mentor Kirsten Jacobson;
- Nathan Roscoe of Falmouth, Maine, mechanical engineering, “Controlling a Martian Entry, Descent, and Landing (EDL) of a Hypersonic Inflatable Aerodynamic Decelerator (HIAD) Vehicle using an Internal Movable Mass Actuator (IMMA)” with faculty mentor David Rubenstein;
- Grace Scott of China, Maine, chemistry, “Phenolic Compounds in Maine Coast Sea Vegetables” with faculty mentor Angela Myracle;
- Hannah Harling Stefl of Syracuse, New York, human nutrition, “Exploring the Nutritional Value of Carrots and Determining Attributes that are Favored by Consumers” with faculty mentor Angela Myracle;
- Mackenzie Leigh Tefft of Surry, Maine, psychology, “Dyadic Interactions as they Relate to Emotional Adjustment in Adolescents” with faculty mentor Rebecca Schwartz-Mette; and
- Christian Zwirner of Windham, Maine, biochemistry, “Investigation of Epidermal Growth Factor Receptor’s Role in Host Response to *C. albicans* Infection” with faculty mentor Sally Dixon-Molloy.

UMaine groups give back to community throughout the holidays

18 Nov 2016

Editor’s note: Details on additional initiatives will be added when they become available. University of Maine groups campuswide are leading charitable giving efforts for the holiday season. The Black Bear Exchange, UMaine’s food pantry and clothing exchange, will offer Thanksgiving meals to its clients who remain in the area for the holiday. The CEAC (Classified Employees Advisory Council) and the PEAC (Professional Employees Advisory Council) will collect nonperishable food items and monetary donations, on behalf of the Black Bear Exchange, at the UMaine Employee Holiday Lunch in Wells Conference Center on Monday, Dec. 12. In addition, UMaine fraternities and sororities will host food, clothing and toy 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 and the Ronald McDonald House. 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. 28 to Dec. 16 will be judged by university officials. The philanthropy effort will kick off this year at the Nov. 28 Women’s Hockey game at Alfond Arena. Phi Gamma Delta (FIJI) and Pi Beta Phi will hold their annual Pi Phi/FIJI Christmas toy drive at 4 p.m. Thursday, Dec. 8 at the FIJI fraternity house. All toys donated at the event go to Crossroads Ministries in Old Town, which distributes them to area children in need.

Mount Desert Islander advances Peronto’s book launch

18 Nov 2016

[Mount Desert Islander](#) reported horticulturists Reeser Manley and Marjorie Peronto, a professor with the University of Maine Cooperative Extension, will launch the book “The Life in Your Garden: Gardening for Biodiversity” at the Jesup Memorial Library in Bar Harbor at 7 p.m. Dec. 1. Manley and Peronto will talk about how to create gardens that help stem the tide of species extinctions among endangered creatures, according to the article. Their talk will touch on key themes in their book, including nurturing a variety of garden wildlife by using ecologically functional plants. Peronto has been teaching courses in gardening, ecological landscaping and pruning for 26 years. She oversees Down East Maine’s Master Gardener Volunteers Program, training individuals to conduct community outreach projects that promote sustainable gardening and food security, the article states.

Demeritt, Wingo speak about Adult Degree Completion Scholarship on WWII

18 Nov 2016

Dan Demeritt, executive director of public affairs for the University of Maine System, and Lori Wingo, coordinator of the Lifelong Learning Advising Center at UMaine, visited the studio of [WVII](#) (Channel 7) to talk about the system's Adult Degree Completion Scholarship. "It provides up to \$4,000 in scholarship aid on an annual basis to adult Maine learners who have accumulated up to 30 credits of college work but have been away from campus or course work for three years," Demeritt said. "It's all about helping some of those 200,000 Mainers who have done some college work get back on track and get their degrees." The last day for priority consideration for the spring 2017 semester is Dec. 1. More information, including how to apply, is online. "The needs of nontraditional adult students are very different from your traditional-age college student. We help them navigate the resources that are available to them on campus," Wingo said of the Lifelong Learning Advising Center.

Distinguished Maine Policy Fellow Dawn Hill to visit campus Dec. 1

21 Nov 2016

Margaret Chase Smith Distinguished Maine Policy Fellow Sen. Dawn Hill will visit the University of Maine on Thursday, Dec. 1. 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. Hill is a member of the Maine Senate where she represents Eliot, Kittery, Ogunquit, York, South Berwick and part of Berwick. Now in her third term, she currently serves as the Assistant Senate Democratic Leader, and is the top Senate Democrat on the Energy, Utility and Technology Committee. Previously, Hill served as the Senate Chair of the Appropriations and Financial Affairs Committee. Hill will be honored with a reception at 4 p.m. in the University Club in Fogler Library. All are welcome to attend the event, no RSVP is required. The event is co-sponsored by the Margaret Chase Smith Policy Center and the College of Engineering.

Sturm conducts experiments on WVII

21 Nov 2016

David Sturm, an instructional laboratory and lecture demonstration specialist at the University of Maine, visited the studio of [WVII](#) (Channel 7) for an installment of "Physics Friday." Sturm demonstrated a variety of science experiments.

Lancaster Farming covers drought recovery, soil protection workshop

21 Nov 2016

[Lancaster Farming](#) reported on a recent Regenerative Agriculture Workshop at St. Joseph's College of Maine. The session covered farm management strategies for conserving soil and water while increasing on-farm productivity and profits, according to the article. "As we are experiencing prolonged dry periods followed by intense rain events, adoption of practices to maximize soil water retention, reduce runoff and protect water systems will not only make our surrounding ecosystem healthier, but also result in increased crop yields and pasture health," said Jason Lilley, sustainable agriculture specialist with the Cumberland County Soil and Water Conservation District and University of Maine Extension. Lilley, who led the workshop, emphasized that the practices recommended by the speakers "are not just for agriculture, but they also apply to homeowners and their yards," the article states.

More Mainers voted on referendums than presidential race, Brewer tells AP

21 Nov 2016

In an interview with the [Associated Press](#), University of Maine Political Science Professor Mark Brewer said public dissatisfaction with the candidates for president led more Maine voters to cast ballots on referendum questions than on the race at the top of the ticket. "A lot of people looked at the presidential choices and said, 'Yuck!' They didn't stay home. They came out. They just didn't vote top of the ticket," Brewer told the AP.

Rebar speaks with Maine Public about Thanksgiving meal price

21 Nov 2016

John Rebar, executive director of the University of Maine Cooperative Extension, spoke with [Maine Public](#) for a report about

how this year's Thanksgiving meal will cost Americans less than it has for decades. However, the price decrease may not be noticed as much in Maine and Vermont, two places that pay significantly more for groceries than the national average, according to the report. "It's not necessarily a great thing for farmers when the price of food gets real cheap," Rebar said, adding it's possible to set a table for a rock-bottom price, but with a burgeoning foodie and farmers market culture, he would be surprised if many Mainers didn't pay more, the report states. "Meals like Thanksgiving are really values statements," he said. "And that's bleeding over into more than just a one event, one day. Many people want to shop local year round. People are willing to pay their local farmer a little bit more than they would maybe 20 or 30 years ago to get something that is local, is fresh, is of high quality." [Mainebiz](#) also published an article on the topic, citing the Maine Public report.

Holberton interview noted in Huffington Post story on puffin die-off in Alaska

21 Nov 2016

[The Huffington Post](#) quoted an Associated Press interview with Rebecca Holberton, a professor of biological sciences at the University of Maine, in a recent story on what may be causing puffins to wash ashore dead in Alaska. Researchers say climate change may be behind the recent die-offs. The article goes on to note that other seabirds could also be vulnerable to changes in climate, citing Holberton's interview with the AP. "It's our marine canary in a coal mine, if you will," Holberton told the wire service in 2013.

Media cite Climate Reanalyzer, Birkel in stories on temperature spike at North Pole

21 Nov 2016

[The Washington Post](#), [Discover Magazine](#), [Live Science](#), [Pulse Headlines and News](#) and [International Business Times](#) cited data from the Climate Reanalyzer, a website run by research assistant professor Sean Birkel at the University of Maine's Climate Change Institute, in recent stories on the 36 Fahrenheit degree jump in pre-winter temperatures at the North Pole. The entire Arctic region, meantime, is 13 degrees warmer than in past years. Researchers say a number of factors are contributing to these temperature jumps. But "the broader background," Birkel told Live Science, "is that the climate is warming, [and] the Arctic is warming very much so, more so than any other part of the globe."

New potato variety released at Maine Harvest Festival, media report

21 Nov 2016

The [Bangor Daily News](#), WABI (Channel 5), [WLBZ](#) (Channel 2) and [WVII](#) (Channel 7) reported on the release of a new potato variety developed by the Maine Potato Board and University of Maine. The Caribou Russet, which was first unveiled last spring, was officially released at the Maine Harvest Festival in Bangor, making the potato widely available to consumers for the first time. The potato is described as a russet-skinned variety with high yields that not only is suitable for baking and mashing, but also is expected to be useful to processors, the BDN reported. "Today's release of the Caribou Russet is the result of the productive partnership between the Maine Potato Board and the University of Maine. I commend Dr. Greg Porter, his UMaine research team and the Board on their successful collaboration," Sen. Susan Collins said in a [statement](#). Following the festival, the Caribou Russet will be available in select stores in Maine, and in more locations as the supply increases, according to the BDN.

CCI glaciologist: Meltwater can influence ocean circulation, climate

21 Nov 2016

A University of Maine glaciologist discovered icebergs likely contribute more meltwater to Greenland's fjords than glaciers do, which can slow the melting rate of glaciers and potentially influence ocean circulation and climate. Greenland, the world's largest island, is almost entirely covered by a permanent ice sheet that has been shrinking due to warming temperatures in the region. UMaine research assistant professor Ellyn Enderlin found more than half of all meltwater entering Greenland's glacial fjords — narrow inlets where glaciers meet the sea — comes from dense packs of icebergs that break free of glaciers. Enderlin, lead author of the study published in the American Geophysical Union's journal *Geophysical Research Letters*, says ocean circulation patterns could be disrupted as the less dense freshwater meets denser saltwater in the fjords. "We should now be able to better measure the freshwater fluxes that are coming off of Greenland. That could be really important when we're thinking about how Greenland melts, how that influences ocean circulation and climate," says Enderlin. "The results of this study should lead to more accurate modeling of ocean circulation change and a more complete understanding of interactions

between the atmosphere, glaciers and oceans.” Ocean circulation is a major driver of heat movement from the tropics to the poles, and disruptions to it could cause chaotic and unpredictable changes to weather and climate, says Enderlin, who is affiliated with the UMaine Climate Change Institute and the School of Earth and Climate Sciences. “To the average person, glacier and iceberg melting may seem like something that’s not terribly important because most people have never even seen a glacier and they have only been told that glacier melting is causing sea level to rise by some tiny amount per year,” she says. “However, it’s important that people realize that not only the amount of meltwater that enters the ocean is important, but also where that water enters the ocean. If we look at records of climate going back thousands of years, we see there are times when glaciers in Greenland and Canada pumped out tremendous volumes of ice into the North Atlantic. “These armadas of icebergs caused huge changes in the weather patterns in North America and Europe. To understand whether the modern increase in glacier and iceberg melting will detrimentally influence our climate, we need to know where the meltwater enters the ocean and how that influences ocean circulation.” Jason Amundson, a University of Alaska Southeast geophysicist not involved with the study, says the cold freshwater from melting icebergs can create a buffer, insulating glaciers from warmer saltwater and slowing their melting rate. And he says Enderlin’s research may help scientists better understand what happens at the ice-ocean interface where glaciers meet the water. “The reason that’s interesting is that there’s been quite a few studies in the past 20 years that have shown that the stability of ... glaciers depends on what happens at the ice-ocean interface,” he says. The Greenland Ice Sheet annually releases more than 240 cubic miles (1,000 cubic kilometers) of meltwater. Previous research found half of the meltwater came from icebergs and half came from glaciers, but the amount that icebergs melted in fjords before they reached the ocean had been a mystery. Until now. Enderlin and her colleagues used satellite images of two Greenland fjords to calculate the total volume of icebergs within them. They tracked the icebergs over days, weeks and months to calculate how much volume they lost through melting before they reached the ocean. The team found between 10 to 50 percent of iceberg melting occurs in the fjords, rather than in the open ocean as assumed by other scientific studies. Enderlin determined the dense packs of icebergs melted at a peak rate of about 260,000 gallons per second, (1,000 cubic meters per second), the equivalent of filling an Olympic-sized swimming pool every 2.5 seconds. From October through April, little to no melting occurs on the surface of the glaciers — only the part of the glacier that is underwater melts. During these months, submarine melting of the glacier and icebergs probably occurs at similar rates. Although the icebergs are tiny in size compared to the glaciers, their melt is the dominant source of fresh water to fjords in winter, and accounts for up to half of the fresh water in fjords in summer, because their large surface area allows them to melt more quickly, says Enderlin. “If you took an ice cube and put it in your drink, one solid ice cube would melt pretty slowly, but if you took it out, hit it with a hammer and put it back in, it would melt a lot faster,” she says. The team also used satellite images to estimate the iceberg distribution in the two fjords, which they used to calculate the icebergs’ total underwater surface area. “What I see now is that iceberg melting is huge, and so if you don’t take that into account you’re going to come up with some crazy high estimates for glacier melting that might not be representative,” says Enderlin, who grew up adjacent to the Appalachian Trail in Pennsylvania. “I spent a lot of time playing outside as a kid. I was always really interested in nature and weather, and I have a lot of great memories of playing in the snow with my brother and sister,” she says. “As I got older I realized that I would really like to study the Earth and the natural environment for my career and I decided to pursue my bachelor’s degree in environmental science at Lehigh University. Before attending college, Enderlin hadn’t ventured outside the U.S. But the summer after her first year at Lehigh, she was invited to go to Peru with her undergraduate adviser to map glacial landforms. “It was during that trip when I realized that I really wanted to focus on understanding the links between climate and glacier change,” she says. Enderlin calls Greenland a spectacular place and says it’s similar to Maine in that some people rely on the environment for their livelihood. “The climate is much more harsh than in Maine, however, with temperatures only reaching the 50s in the summer and well below minus 30 in the winter in many places,” she says. Because the ground is often snow-covered from September until May, vegetation primarily consists of bushes and hearty low-lying plants. And Enderlin says animals — musk-oxen, reindeer, Arctic hares and polar bears — are hearty, too. “Overall it’s a really peaceful place. When it’s calm — and it can be very windy for much of the year — you can hear the noise of blocks of ice falling from the glaciers and icebergs into the fjords,” she says. Enderlin intends to expand her studies on iceberg meltwater flux to other areas, including Antarctica. It’s work she started with Gordon Hamilton, co-author of the study and former UMaine glaciologist who died in October while conducting research in Antarctica. “I would say that really this was sort of our joint brainchild,” Enderlin says. “I bounced lots of ideas off of him... He was really instrumental to [the research] and it was sad that he couldn’t finally see it get published.” Enderlin met Hamilton when she was a Ph.D. student in Earth Sciences at The Ohio State University and attended a workshop on a research boat in Svalbard, Norway. “While at the workshop, I had lots of opportunities to informally chat with Gordon Hamilton about the work I had been doing for my Ph.D. and his research here at UMaine,” she says. “Gordon was such a fun-loving person and did such fascinating work that I mustered up the courage to ask him if he would like me to come to UMaine to work as his postdoc after I finished my degree. Gordon was enthusiastic, as always, and secured funding for me to begin work with him the following summer.” Contact: Beth Staples, 207.581.3777

At Writing Center, tutors and students help each other toward clarity, inspiration

She got the assignment a week ago, an essay asking her to outline the strategies she'd use to teach in a multicultural classroom. At first, the words came. Paragraphs even. But then, just as quickly, nothing. A blank screen. "I had a little bit and I just didn't really know where to go from there," says Amy Bowman, a second-year elementary education major at the University of Maine. Writing had become more difficult for Bowman over the past few years, ever since she graduated from high school in Central Florida and began doing college-level work. "I just always have problems getting the words down on paper and making it sound the way I want it to, so other readers can really understand the point I'm trying to get across," Bowman says. After struggling with the assignment for a few more days, Bowman went to see her adviser, who suggested getting some extra help. So on a Thursday afternoon, Bowman headed to the University of Maine Writing Center on the fourth floor of Neville Hall, where she met writing tutor Peter Lowe, a graduate student in English literature at UMaine. "She brought a few drafts in," says Lowe. "It looks like she was working off multiple false starts of an essay, which is very common. It's how I compose as well. Very rarely do I sit down to write something and the first draft is the final." The tutoring session began as most do at the Writing Center, with Bowman and Lowe taking a close look at the question at the center of her assignment. In peer-to-peer writing tutoring, deconstructing the question is an essential step toward finding the right structure for an essay or paper. With a structure in place, they then look at the texts Bowman will need to draw from as she writes, her source material. As the tutoring draws to a close, Bowman feels more confident about her assignment than she did when the session began. "I actually never really thought about going to any kind of additional help or additional tutors," says Bowman. "When my adviser suggested it, I said I'll take this step and try something new. I got some new ideas, different ways to approach going about my writing."

UMaine students have been getting this kind of help with essays and other writing assignments since 1979, when Professor of English Harvey Kail founded the [Writing Center](#). Kail mentored thousands of students along the way, including Paige Mitchell, a UMaine alum, current Ph.D. candidate and former tutor at the center, who took over as director in 2014. Mitchell's move into the top job, when Kail retired, left her with big shoes to fill. During his tenure, Kail launched [The Peer Writing Tutor Alumni Research Project](#), an ongoing study of techniques and practices that continues to inform those working in the field. He also attended national conferences regularly, evangelizing about the work going on in his small writing shop in Neville Hall and cementing a reputation as a leader in the field of peer-to-peer tutoring. "Harvey's blunt, so I trusted his honesty fully," says Mitchell of her time working as a tutor under Kail. "I've worked with him since my undergrad career. When my work wasn't effective, he told me. When I hadn't yet proved my efficiency as a tutor, he didn't let me think I had. When I did well, he let me know that, too. I admire him for his candid support, his seriousness and his ability to enjoy the moment." Between 500–600 students a year seek tutoring at the Writing Center. Nearly half are undergraduates, in their first year at the university. The center also helps a small number graduate students each semester. Tutoring sessions can last anywhere from 30 to 90 minutes and typically take place in the late morning or in the early afternoon or evening. Under Mitchell's leadership, the center is finding new ways to use technology to expand its original, peer-to-peer tutoring mission. Until recently, much of the center's focus was still on working with text, as it appears on the written page. "Now we have laptops and iPads, where we'll work more with Google Docs, so we can collaboratively move and shift things right there," says Mitchell. "We have a smart Apple TV, so we'll put big presentations up there. We can put websites up there and work on them collaboratively with a student like that. We went from really limited technology, and limited ways of using it, to definitely a more multi-modal integration of technology." It's commonplace now for students to show up at the center for help with a web-based project that contains text, photos, audio and video. "The current research says if a student has a multimodal component to a document and a writing (component), typically they'll select just one to get assistance with and they'll go to the multimodal," says Mitchell. Mitchell has also sought to expand and update the list of regular workshops offered by tutors. A recent partnership with the University of Maine Career Center led to sessions on resume writing and creating and maintaining LinkedIn accounts. Mitchell worked with the LGBTQ Services to put on Safe Zone workshops to help students become more sensitive to LGBTQ issues in their written work. And a partnership with the Golden Key Honors Society led to a workshop where high school students explored the art of writing college acceptance letters. The Writing Center has always offered workshops. But Mitchell's experience as the center's English as a Second Language tutor, prior to taking over as director, convinced her that writing workshops ought to play an even bigger role in the center's future. "There were so many students, I just devised workshops for them," says Mitchell. "I found it effective to be able to reach a broader range of students, rather than one-on-one." Still, one-on-one tutoring remains at the center of the Writing Center's overall mission. "One of the things I like most about the job," says Mitchell, "is the tutors. I'm really fortunate to work with bright and ambitious students." The center's tutors come from many different academic disciplines, including English literature, engineering, philosophy, psychology, secondary education and environmental science. To become tutors, they all take a seminar course, taught by Mitchell, that teaches them how to work, one-on-one, with struggling writers. "They experience working with diverse individuals from diverse disciplines, cultures, and ages," says Mitchell. "This experience, and the tutor training they undergo, heightens their reflective critical awareness of their own writing styles, and expands their point of view, in that there is more than one right way to write." Lowe, who is focusing on fiction and screenwriting in his graduate work at UMaine, says he runs into the same kinds of problems his students are often facing, when they show up at the Writing Center for extra help. "I'll

work with a student in the morning and then come home at night and be struggling (in my own writing) with what to say or where to go next,” says Lowe. “And I will draw on the experience we had that morning.” Ultimately, says Mitchell, tutoring is a collaborative process. “The students who visit the Writing Center are just as important and influential in the collaborative tutoring process as the tutors,” Mitchell says. “The Writing Center is grateful for what we learn and gain from working with the students we serve.” Contact: Jay Field, 207.581.3721; 207.338.8068

International law students to argue cases before moot court in Bangor Dec. 5

21 Nov 2016

For a second year, University of Maine students taking an upper-level, political science seminar on international law will get a chance to try out their newly acquired skills inside a courtroom. Patrick Downey, an adjunct assistant professor in political science, teaches the seminar and is overseeing an international law moot court on Monday, Dec. 5 at 8:30 a.m. in Courtroom 202 of the Penobscot Judicial Center in Bangor. “The exercise, I think, is invaluable,” says Downey, “in that everything comes together, the students work with each other collaboratively and get to see how the law plays out in a role-play setting, meant to mirror the real world.” The 22 students will present simulated oral arguments in three mock cases. The first involves possible U.S. intervention in a civil war in the made-up African nation of Loango. U.S. forces have intervened in the conflict, under the scenario, and Portugal and Belgium are proposing a United Nations Security Council resolution condemning the U.S. for violating international law. The second mock case deals with women’s reproductive rights in the fictitious nation of Hibernia. A magistrate court in the fake country has convicted one woman for attempting to procure an abortion and another for providing information on the procedure. The women, who’ve been sentenced to six months in jail and large fines, have made petitions seeking relief under Article 34 of the 1950 European Convention on Human Rights and Fundamental Freedoms. A third mock case concerns a trade dispute over the availability and price of HIV/AIDS drugs in a fictitious African nation. The moot court is the culmination of a semester’s worth of study and preparation. Downey’s class includes undergraduates studying political science and sociology and graduate students from the Cohen Institute for Leadership and Public Service. At the beginning of the semester, students split up into three teams, each assigned to a different role within each of the three mock cases. Each team, in turn, will get a chance to play the prosecutorial, defense and judicial roles within their cases. Last year, notes Downey, students didn’t start working on the moot court part of their coursework until well into the semester. “I’m throwing them in the deepest end of the pool. One of the biggest reforms (this year) was to set everything up at class number one, so they live with the cases the entire semester,” says Downey. Contact: Jay Field, 207.581.3721; 207.338.8068

Astumian named AAAS Fellow

21 Nov 2016

University of Maine Professor of Physics R. Dean Astumian has been named a fellow of the American Association for the Advancement of Science (AAAS). His selection brings the number of full-time UMaine faculty members named AAAS Fellows to 10. Annually, AAAS, the world’s largest scientific society, recognizes researchers who advance scientifically or socially distinguished science. Astumian was cited for significant contributions to the field of biological and synthetic molecular motors; particularly, for clarifying the role of microscopic reversibility in governing molecular machines. His award-winning research focuses on biophysics, condensed matter physics, and chemically driven molecular machines. His work was cited in the scientific background for this year’s chemistry Nobel prize on synthetic molecular machines. Astumian joined UMaine’s Department of Physics and Astronomy in 2001. A fellow of the American Physical Society, Astumian’s honors include the Galvani Prize of the Bioelectrochemical Society, the Humboldt Prize in 2009 and the Feynman Prize in 2011. He is one of this year’s 391 new AAAS Fellows who will be honored at the association’s annual meeting Feb. 18 in Boston. Contact: Margaret Nagle, 207.581.3745

Construction students build new roof at Leonard’s Mills

22 Nov 2016

In October, 15 senior construction engineering technology students installed a new cedar shingle roof on the sawmill building at Leonard’s Mills, complete with a new roof extension over the water wheel. The students, mentored by Will Manion, associate professor of construction engineering technology, spent several weeks planning the details of the work, followed by managing and executing the construction. It was an opportunity for the students to apply and practice construction management skills learned through coursework and life experiences to meet an actual need, while building relevant experience toward employment goals. The building houses one of the only wooden-gear, water-powered operating sawmills in existence.

BDN cites waste study in article on College of the Atlantic's trash decline

22 Nov 2016

A 2011 waste characterization [study](#) by the University of Maine School of Economics was cited in a [Bangor Daily News](#) article about the decline of trash at Bar Harbor's College of the Atlantic. Every fall, one week's worth of trash and recycling generated at the college is collected, sorted and displayed so students and others can learn more about what they're throwing away, according to the article. In 2014, when the annual discarded resources audit began, trash made up 55 percent of the material collected, or 1,151 pounds. This fall, trash made up just 30 percent of the collected material, or 577 pounds, the BDN reported. The audit did not include food scraps or other organic material that the college collects with buckets in every dorm and composts at its farm, the article states. Compostable material comprises more than 40 percent of what is in the trash bags of most Mainers, according to the UMaine study, so its disappearance from the trash bags at the College of the Atlantic is positive, according to the school's discarded resources manager.

UMaine Extension cited in Sun Journal response to reader's winter squash question

22 Nov 2016

The University of Maine Cooperative Extension was cited in an answer to a Sun Journal reader's question about how to avoid wet winter squash. According to UMaine Extension, it's important to choose full-sized, mature fruit with a hard, tough rind that is heavy for its size. People should avoid squash with cuts, punctures or sunken or moldy spots on the rind. A soft rind means the squash is not mature and therefore not good to eat, according to the article. The column also included UMaine Extension's tips for baking squash.

WWII interviews Segal for story on KKK's history in Maine

22 Nov 2016

[WWII](#) (Channel 7) spoke with Howard Segal, a history professor at the University of Maine, for a story on the Ku Klux Klan's history in Maine. "While Maine didn't have big cities in the 1920s, there was a march in Brewer of roughly 40,000 klansmen. And given the population of Maine in the 1920s, that's an astounding figure," Segal told WWII in an interview. "So the anger of the klan in Maine was primarily against French Catholics because they were coming mostly from Canada and were allegedly taking away jobs from protestant Mainers."

National Endowment for Humanities reports on Historical Atlas of Maine awards

22 Nov 2016

The [National Endowment for the Humanities](#) published an article about the *Historical Atlas of Maine* and the several awards it has received. The folio has earned four publication awards, including the 2016 Globe Book Award from the Association of American Geographers, the largest professional organization of geographers in the world, according to the article. Other awards include: the "Book/Atlas" category and "Best of Show" by the Cartography and Geographical Information Society and the "Excellence in Publishing Award" from the Maine Writers and Publishers Alliance, the article states. The *Historical Atlas of Maine*, the result of a 15-year scholarly project led by University of Maine researchers, offers a new geographical and historical interpretation of Maine, from the end of the last ice age to the year 2000. The volume was published in 2015 by University of Maine Press, a division of UMaine's Raymond H. Fogler Library. It was edited by UMaine historian Richard Judd and UMaine geographer Stephen Hornsby, with cartography by Michael Hermann.

BDN reports on monthly Women of the World lunches in Orono

22 Nov 2016

Nearly four decades after it began, a University of Maine program that brings women with international roots together for internationally themed lunches and presentations, is still going strong, the [Bangor Daily News](#) reports. Every month, roughly 40 women and children meet in the basement of the Church of Universal Fellowship in Orono to try international cuisines and explore cultural traditions. Mireille LeGal, an international student adviser at UMaine, runs the Women of the World out of the university's Office of International Programs. "It's great to learn about different cultures and different traditions," LeGal told

the BDN. “It’s also a great way to try different food that you wouldn’t eat otherwise.”

Stormer to moderate online discussion on how photography relates to scientific knowledge

23 Nov 2016

Nathan Stormer, chair of the Communication and Journalism Department at the University of Maine, will moderate an online discussion forum examining how photography communicates and shapes scientific knowledge. The Reading the Pictures Salon will be held from 7 to 9 p.m. Thursday, Dec. 1. Experts on visual culture will analyze 10 news and media photographs using the Google Hangouts platform, which will accommodate live audio and video, as well as involvement from viewers via chat. The discussion is being jointly produced by Reading the Pictures and the University of Maryland, Baltimore County. It’s a featured component of [Seeing Science](#), a yearlong UMBC project that explores the role photography plays in shaping, representing and furthering the sciences. The project involves original photo research which will be featured on Twitter, Instagram and archived [online](#) following the event. Panelists include UMBC faculty as well as experts from National Public Radio, National Geographic, San Francisco Museum of Modern Art and Johns Hopkins University. Reading the Pictures is a web-based, not-for-profit educational and publishing organization dedicated to visual and media literacy through the analysis of cultural, news and documentary images. More information about the salon, including registration for the free event, is [online](#).

Mount Desert Islander reviews Baxter State Park plant guide

23 Nov 2016

[Mount Desert Islander](#) published a review of “The Plants of Baxter State Park.” The guide includes scientific descriptions of 857 plant species documented in the park, organized with useful keys and illustrated with 2,000 color photos. Glen Mittelhauser, executive director for Maine Natural History Observatory, is lead author of the guide that was co-written with seven others, including Alison Dibble, an assistant research professor at UMaine. The guide is published by the University of Maine Press in association with Baxter State Park, Friends of Baxter State Park and Maine Natural History Observatory. “While there is no substitute for spending time in Baxter State Park and reveling in its outstanding natural beauty and pristine surroundings, reading about it, learning about it and gaining a deeper appreciation for all that it preserves is the next best thing,” the reporter wrote. “And for that, there’s no substitute for picking up a copy of ‘The Plants of Baxter State Park.’” [The Ellsworth American](#) also published the review.

BDN interviews artist about UMaine Museum of Art exhibit

23 Nov 2016

The [Bangor Daily News](#) spoke with Maine artist Philip Frey about his art, career and current exhibit at the University of Maine Museum of Art in downtown Bangor. “The obvious connection to painting is concentration,” said Frey, who has lived in Hancock since the mid-1990s. “Mindfulness helps me stay with the process of painting, and it has helped me be more present with the business side of things, as well as interpersonal relationships.” Frey’s exhibit, “Parallels,” showcases an array of the paintings he has completed recently — from portraits of friends to Maine landscapes, according to the article. The show runs through Dec. 31. UMMA is located at 40 Harlow St. and is open from 10 a.m. to 5 p.m. Tuesdays through Saturdays; admission is free.

Denton’s climate change research profiled by Northwestern’s Medill News Service

23 Nov 2016

University of Maine climatologist George Denton’s decades of research on the role the Southern Hemisphere plays in climate change were highlighted this week in a story by [Medill Reports Chicago](#), part of the Medill News Service at Northwestern University’s Graduate School of Journalism. “We as humans have reached 7 billion and we are living in a world where the climate is changing rapidly. Understanding how ice age climate works will help us understand what is going on now,” Denton told Medill. Brenda Hall, a former student of Denton’s who is now a research collaborator and associate professor at UMaine’s Climate Change Institute, also was cited in the article. “George Denton is well-known for several decades of research concerning the role of the Southern Hemisphere in climate change. This work, has led to fundamental insights into the cause of ice-age terminations and of abrupt climate change,” she said.

Undergraduate forestry enrollment up, Maine Forest Products Council reports

23 Nov 2016

The [Maine Forest Products Council](#) reports undergraduate enrollment in the University of Maine's forestry program has more than doubled since 2008. UMaine has identified Forestry and the Environment as one of seven signature areas, where a combination of research and education has earned the university national and international distinction. "I chose forestry as a career because I love the state of Maine," senior forestry student Danae Shurn told the forest products council. "Forests have always been a huge part of my childhood and adult life, spiritually and artistically, and they are part of what makes Maine a great place to live. I want future generations to enjoy all that Maine's forests can provide, and so I am in forestry to learn how we can work together to preserve part of what makes my state so great."

BDN publishes op-ed by Blackstone on talking politics at Thanksgiving

23 Nov 2016

The [Bangor Daily News](#) published the opinion piece "Why talking politics on Thanksgiving could help us emerge from our political bubbles," by Amy Blackstone, a sociology professor at the University of Maine. Blackstone 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.

New York Times interviews Brewer about how Trump may reward GOP governors

23 Nov 2016

Mark Brewer, a political science professor at the University of Maine, told [The New York Times](#) that Republican Maine governor Paul LePage may look to capitalize on his steadfast support for President-elect Donald Trump during the recent campaign. "This governor has a number of times proposed welfare reforms, aimed at fighting fraud, that were viewed negatively by the federal government," Brewer told the paper. "I'd put my money on him going back to ask on this, if he hasn't already. Given the variety of options, you have to wonder what a LePage administration can do now that it couldn't have requested under President Obama."

Press Herald shares advice for Thanksgiving rookies from Savoie, UMaine Extension

23 Nov 2016

The [Portland Press Herald](#) shared advice from Kathy Savoie, a University of Maine Cooperative Extension educator and professor, in an article about people who are hosting Thanksgiving for the first time. Savoie's tips included remembering to remove the giblets and neck from the turkey cavity, delegating tasks, and saving the carving of the bird and making of the gravy for last-minute tasks while casseroles heat. The article also linked to more information on Thanksgiving preparation offered by [UMaine Extension](#).

Jones, Harkins speak with Sun Journal about Black Friday, Cyber Monday

23 Nov 2016

The [Sun Journal](#) spoke with Nory Jones, a professor of management information systems at the University of Maine, and Jason Harkins, an associate professor of entrepreneurship at UMaine, for an article about Black Friday and Cyber Monday shopping. Economists are forecasting healthy spending numbers this holiday season nationally, with early indicators also looking promising in Maine, according to the article. Harkins warned consumers to shop smart. "Many of the discrete deals available right now aren't really good deals," he said. "You could have gotten a better deal in October or August if you'd just actively price-shopped." Jones said one trend she has watched with interest is the Black Friday-Cyber Monday "defusing." "Where it used to be a very defined day — both Black Friday and Cyber Monday — now, you've probably seen online and in the papers, 'Black Friday starting now,'" she said. "It kind of makes sense. People only have so much to spend. If you can catch them early and get those dollars early, then you'll get them instead of somebody else."

Cassie Vaillancourt: Alumna works at Sappi North America in Skowhegan



[caption id="attachment_52450" align="alignright" width="375"]

Cassie Vaillancourt '12 (MBA) is using her business degree in the forest products industry. Vaillancourt, who earned a bachelor's degree in forestry from the University of Maine in 2010, works as an operations planner in the supply chain department at Sappi North America in Skowhegan. "I am responsible for planning production of the mill's three world-class paper machines and the outside converters, managing inventory levels, and working with the inside sales team to accommodate customer orders," says Vaillancourt, a Fort Kent, Maine, native who now lives in Winslow, Maine. After earning her MBA, Vaillancourt began working as an operations forester for Seven Islands Land Co. in Ashland, Maine. While there, she transitioned into the role of business analyst and quality assurance coordinator at the company's manufacturing division. In December 2015, she was hired at Sappi. "The career change has allowed me to use more of the skills I acquired from earning my MBA while still enabling me to remain in the forest products industry," she says. Vaillancourt likes knowing that the decisions she makes have an effect on the performance of the paper mill and the company. "I feel fortunate to work for a global company that is considered a leader in the industry and I believe there will be several opportunities for advancement within the company," she says. After attending UMaine as an undergraduate, Vaillancourt didn't want to go anywhere else to earn a graduate degree. "I loved forestry but knew I didn't want to be a field forester forever," says Vaillancourt, who became a licensed Maine forester in February 2015. "I realized that earning an MBA would allow me to become more versatile in the forest products industry and be seen as a valuable asset to any company." The MBA program enabled Vaillancourt to study real-world business problems, learn to think critically, perform a detailed analysis, and formulate a realistic solution — skills that have been useful in her current job and are critical for any business leader, she says. "The MBA program offers world-renowned professors who are always available to answer questions, small class sizes, a well-rounded offering of courses, and the opportunity to become involved in the school and in the community," she says. "At MBS I wasn't just a number." Vaillancourt cites an international field experience course to Germany as one of her greatest experiences at MBS. "We worked with German students on a business project, lived with them for a few days, and had lots of time to explore the country. It was such a great experience to interact with students from another culture and experience Germany firsthand," she recalls.

Office of Vice President for Research, Fogler offering ‘Grants 101’ workshop Dec. 7

28 Nov 2016

The University of Maine’s Office of the Vice President for Research and Fogler Library will host “Grants 101: Seeking, analyzing and writing basics” 10 a.m. to noon Wednesday, Dec. 7 in Fogler’s Library Classroom. Workshop participants will be able to find grants in PIVOT, analyze an agency’s request for proposals and learn grant writing basics. Space is limited. To RSVP, use the online [form](#).

UMaine interns assist Castine-based startup, Ellsworth American reports

28 Nov 2016

[The Ellsworth American](#) reported on Castine-based tech startup Eternav, which aims to help people navigate the preparation and paperwork involved in funerals and closing out the life of a loved one. With the help of the Eastern Maine Development Corp. and research interns from the University of Maine, the company has expanded to include online software to help families plan a funeral, and hire four “loss advocates” who help guide the family through the process, the article states.

WLBZ covers Skate with the Bears event in Falmouth

28 Nov 2016

WLBZ (Channel 2) reported on the Skate with the Bears event held at the Family Ice Center in Falmouth. Fans of all ages were invited to meet members of the men’s ice hockey team during the free event. “It’s always been a big part of Black Bear hockey that the team has been accessible to the citizens and the fans in the state of Maine,” said coach Red Gendron. “When you see young faces of little boys and girls light up when some of these guys are signing autographs for them, it’s really a rather wonderful thing.” Another Skate with the Bears event will be held Saturday, Dec. 10 at the Alford Arena in Orono, WLBZ reported.

Birkel, Climate Reanalyzer cited in Science World Report article on record-breaking Arctic temperatures

28 Nov 2016

University of Maine climatologist Sean Birkel, and the Climate Reanalyzer website he oversees, were mentioned in a [Science World Report](#) piece on the recent, record-setting temperature jump in the Arctic. Sea ice levels at the North Pole are at an all-time low and the temperature in the region is 36 degrees Fahrenheit warmer than normal. [Forbes](#) also cited the UMaine data.

Women’s basketball team feeds homeless on Thanksgiving, media report

28 Nov 2016

[WLBZ](#) (Channel 2), [WABI](#) (Channel 5) and the [Bangor Daily News](#) reported on the annual Thanksgiving meal at the Bangor Area Homeless Shelter, where members of the University of Maine women’s basketball team were on hand to help serve residents. “It feels so good to give back and to see someone else smile, especially on Thanksgiving. What’s better than that?” sophomore Tanesha Sutton told WLBZ.

AP cites Olsen in report on saltmarsh sparrow research

28 Nov 2016

The Associated Press cited Brian Olsen, an associate professor of biology and ecology at the University of Maine, in a report about the possible extinction of the saltmarsh sparrow. The Connecticut Audubon Society released a report announcing many birds in the state are suffering steady population declines because of a loss of nesting areas, and scientists say the saltmarsh sparrow could be extinct in 50 years, becoming the first avian extinction in the continental U.S. since 1931. Saltmarsh sparrows, which live in coastal areas from Maine to Virginia during the breeding season and migrate farther south in the winter, are disappearing on the East Coast, according to the article. Olsen, one of the researchers studying the bird, said the population has dropped about 9 percent annually since 1998. Besides sea-level rise, he blames structures such as roads and railways, which restrict the flow of tides to salt marshes and interfere with the sparrows’ habitat, the AP reported. ABC News

and [Portland Press Herald](#) carried the report.

Mainebiz cites Shaler, UMaine Composites Center in story on engineered wood products

28 Nov 2016

The University of Maine's Advanced Structures and Composites Center is playing a key role in boosting the growing market demand for cross-laminated timber (CLT) and other engineered wood products, reports [Mainebiz](#). Stephen Shaler, director of UMaine's School of Forest Resources, is leading a CLT testing project at the Advanced Structures and Composites Center, funded by a \$300,000 grant from the U.S. Department of Agriculture. There are only two CLT manufacturers in the U.S., but Shaler said UMaine's advanced testing capabilities, and the state's 17 million acres of privately owned forest, make Maine an attractive place for another CLT manufacturer to open up shop. That, Shaler told Mainebiz, would position Maine to become a major exporter of mass timber products. "It will happen," he said. "The question is when."

AP, New York Times report on success of Flagship Match

28 Nov 2016

The Associated Press mentioned the University of Maine and its Flagship Match financial aid program in the article, "Seeking students, public colleges reduce out-of-state prices." One widely noticed move, according to the AP, was made by UMaine, which charges high-achievers from nine other states the same tuition they would pay at their home state's flagship. "The state of Maine needs young people, and we're not producing enough of them," said Jeffrey Hecker, UMaine's executive vice president for academic affairs and provost. "Why don't we just be upfront about what students can expect? No more haggling." Because of the program, freshman enrollment rose 9 percent to 2,260 students this fall, and Maine is spending less on financial aid now as a share of the typical tuition sticker price than it did in 2015, the AP reported. [ABC News](#), [Portland Press Herald](#) and [Albany Times Union](#) carried the AP report. [The New York Times](#) also mentioned UMaine and the Flagship Match program in an article about how state budget cuts affect education. This fall, the program led to about 250 more first-year students from out of state, according to the article. "We don't see this as an escalator to endless growth," UMaine President Susan J. Hunter said. Officials want to maintain that small-college feel, said Hecker, who added the program has already produced "a meaningful amount of revenue."

UMaine wireless leak detection system scheduled to launch to International Space Station

28 Nov 2016

This December, a wireless leak detection system created by University of Maine researchers is scheduled to head to the International Space Station (ISS). The prototype, which was tested by NASA and in the inflatable lunar habitat and Wireless Sensing Laboratory (WiSe-Net Lab) on campus, could lead to increased safety on ISS and in other space activities. This is the first hardware from UMaine in recent history that is expected to function in space for a long period of time, according to the researchers. On Friday, Dec. 9, the payload is expected to be launched by the Japanese Space Agency (JAXA) in Tanegashima, Japan onboard an HTV6 rocket that resupplies ISS. The launch is scheduled for 10:26 p.m. Japan Standard Time (JST), according to the JAXA [website](#). JST is 14 hours ahead of Eastern Standard Time. To celebrate the event, members of the UMaine community are welcome to attend a free launch party at 5:30 p.m. Dec. 9 at the Emera Astronomy Center on campus. The event will likely include presentations by the UMaine researchers involved in the project as well as footage of the launch provided by NASA TV. UMaine researchers worked with NASA to prepare three of the wireless leak detector boxes for flight. Electrical engineering graduate students Casey Clark and Lonnie Labonte tested the payload and performed safety tests of the prototype at NASA Johnson Space Center in Houston, Texas. ISS astronauts will install the three identical boxes that will collect data for two intervals of about 30 hours. While the hardware is in space, the UMaine team will be on standby until data collection is completed. NASA will send the information directly to UMaine from the ISS beginning in late January or early February. Joel Castro, an electrical engineering Ph.D. student from Old Town, Maine, will process and analyze the data. The project was one of five in the nation to receive funding from NASA-EPSCoR for research and technology development onboard ISS. Ali Abedi, a UMaine professor of electrical and computer engineering, was awarded the three-year, \$100,000 NASA grant through the Maine Space Grant Consortium in 2014. Collaborators on the project include Vincent Caccese, a UMaine mechanical engineering professor, and George Nelson, director of the ISS Technology Demonstration Office at the NASA Johnson Space Center. Leaks causing air and heat loss are a major safety concern for astronauts, according to Abedi. It is important to save the air when it comes to space missions — find the leak and fix it before it's too late. The project involves the development of a flight-ready wireless sensor system that can quickly detect and localize leaks based on ultrasonic sensor

array signals. The device has six sensors that detect the frequency generated by the air as it escapes into space and triangulate the location of the leak using a series of algorithms. The device then saves the data on SD cards that are sent back to Earth. The device is fast, accurate and capable of detecting multiple leaks and localizing them with a lightweight and low-cost system, according to Abedi, who directs the WiSe-Net Lab. Similar systems on the market require astronauts to walk around with a device, scanning walls to detect holes. The UMaine prototype offers a “set-it-and-forget-it” solution, says Clark of Old Town, Maine, who graduated in May 2016 and now works as a ground segment engineer at SpaceX in Hawthorne, California. “This is the first step in a very progressive movement to monitor structural parameters of spacecraft and the ISS,” says Labonte of Rumford, Maine, who graduates in December and will begin working for NASA’s Goddard Space Flight Center in Maryland in January. The prototype, developed by Clark and Labonte, includes components that were both created with a 3-D printer and bought off the shelf. Their work followed that of Castro and postdoctoral fellow Hossein Roufarshbaf, who developed a leak localization algorithm in a previous NASA-EPSCoR project. Kenneth Bundy, of Minot, Maine, has been working with Abedi on a parallel grant to classify leaks by studying pattern recognition. Bundy, who has a bachelor’s degree in computer science and is pursuing a master’s in mathematics, analyzed leak scenarios with a variety of materials and pressure. His work aims to help the system determine the size of a leak, as well as what layer of material inside the ISS the leak is coming from, according to Abedi. Once the hardware returns to Earth on a re-entry vehicle — most likely sometime next year — the team will observe how well the devices survived the launch, deployment and return, with the intention of proposing a new design for the next generation, the researchers say. Contact: Elyse Kahl, 207.581.3747

Advanced Manufacturing Center event to recognize 3-D printer donations

28 Nov 2016

On Tuesday, Nov. 29, the Advanced Manufacturing Center at the University of Maine will hold an event to thank General Electric (GE) for their recent donation of two 3-D printers. Earlier this month, GE donated the printers to benefit both the AMC and the Mechanical Engineering Technology program. The 3D Systems’ ProJet 5000 is a large, high-accuracy industrial 3-D printing system that GE uses for component production. In addition to donating the printers, GE is covering the maintenance and spare parts of the machines for three years, valued at over \$30,000 annually. “As AMC Director, I would like to personally thank GE and its staff on the very generous donation. It will be a huge asset to both students and manufacturing here in Maine to have this caliber of equipment available,” John Belding says. “We will be working with students and companies to help push the envelope of what this technology can do and how it will change how parts are manufactured.” The key individuals at GE that made the donation possible include Kurt Goodwin ’79, Kraig King ’00 and Brooke Clayton. Beyond recognizing the gift, the event will include tours of the MET facilities, WiSe-Net Laboratory and Advanced Structures and Composites Center.

Annual Xi Sigma Pi Christmas tree sale underway

29 Nov 2016

The annual Christmas tree sale put on by Xi Sigma Pi, the forestry honors society, is underway at the University of Maine’s Nutting Hall. Xi Sigma Pi runs the sale to raise money for student scholarships within the School of Forest Resources and the Department of Wildlife, Fisheries, and Conservation Biology. Trees ranging from 4 to 7 feet are available for purchase 3–5 p.m. Monday to Friday, 8 a.m.–5 p.m. Saturday and 10 a.m.–5 p.m. Sunday through Dec. 11. Trees range from \$20 to \$40. The trees come from the Charlotte White Center’s Highland Blue Ribbon Trees Program, which provides jobs for the disabled.

Jones speaks with WVII about Cyber Monday, mobile shopping

29 Nov 2016

Nory Jones, a professor of management information systems at the University of Maine, spoke with [WVII](#) (Channel 7) for a report about the high number of predicted Cyber Monday transactions. “Not everybody wants to stay up all night to brave the cold and the crowds and wait for hours to maybe get a good deal on something,” Jones said of the appeal of Cyber Monday over Black Friday. She said with the uptick in online shopping, comes new trends including an increase in mobile buying. “So many people their behaviors are shifting because it’s right there. No matter where you are; you don’t have to go home, you don’t have to go to the office. Your smartphone and your computer is right there,” said Jones, adding millennials are most likely to shop on Cyber Monday given their likeliness to own a smartphone and their experience with technology. “So for them it’s natural,” Jones said. “Shopping online just makes a lot of sense.”

Thomas takes issue with proposal to cut climate research at NASA, Press Herald reports

29 Nov 2016

A story in the [Portland Press Herald](#) quotes Andrew Thomas, a University of Maine oceanography professor, on what researchers would lose, if President-elect Donald Trump follows through on a plan to eliminate or scale back climate change research at NASA. In interviews last week, the paper reports, Trump's space policy adviser said NASA, under the incoming administration, would prioritize deep-space exploration over space-based observations of Earth. UMaine's School of Marine Sciences, where Thomas teaches, currently receives more than one-sixth of its research funds from NASA and is using NASA data at its Satellite Oceanography Data Lab to monitor both melting ice in the Gulf of Alaska and marine algae production in the California Current. "If we lose these data sets and capabilities, that will be a major loss to us being able to monitor and track changes here in Maine and in other areas that impact us," Thomas told the Press Herald. [The Christian Science Monitor](#) and [Mainebiz](#) cited the Press Herald article and included Thomas' remarks in an article on the same topic.

Gordon Hamilton video tribute now available

29 Nov 2016

A video tribute in memory of University of Maine professor Gordon Hamilton, featuring photos and excerpts from remarks made at his private service Nov. 3, is now [available](#). Hamilton, a professor in the School of Earth and Climate Sciences, and a researcher with the Climate Change Institute, died in a field accident Oct. 22 while conducting research in Antarctica. He was 50 years old.

With Pedal Punk, 'the mischief is on wheels' at CCA

30 Nov 2016

Cirque Mechanics rides into the Collins Center for the Arts on Sunday, Dec. 4 with Pedal Punk, an acrobatic circus production in which cycling is the escape from technology-obsessed society. In Pedal Punk, a zany bike shop mechanic who interacts with cyclists and bikes ultimately repairs more than broken pieces. He creates wondrous machines that come to life. At the center of creative director Chris Lashua's 7 p.m. show is a gantry bike — a 22-foot-tall, person-powered, portable platform that includes a trampoline and space for jugglers and contortionists. Bicycles are in Lashua's wheelhouse. For about a decade, he rode a BMX bike in professional bicycle freestyle competitions. He then performed in a German Wheel as the opening act of Cirque du Soleil's Quidam. In 2004, Lashua founded the Las Vegas-based Cirque Mechanics, which soon became a premier American circus with its unique approach to performance, inspiring storytelling and innovative mechanical staging. The New York Times called Pedal Punk "exceptional, evocative, eye-catching and grossly entertaining ... in a word, excellent." More information and tickets (\$24 and \$29) are available [online](#). Also, for tickets or to request a disability accommodation, call 581.1755.

Women's basketball team gives back despite having belongings stolen, media report

30 Nov 2016

An unpleasant experience on the way back from the Naismith Memorial Basketball Hall of Fame Women's Challenge in South Carolina did not stop the University of Maine women's basketball team from giving back to the community on Thanksgiving, reported WLBZ (Channel 2), WABI (Channel 5) and the [Bangor Daily News](#). On Wednesday, Nov. 23, hours before the team's flight home, coaches and players went to a local mall to shop and eat. While the team was inside, their rented van was broken into and players' and coaches' computers, passports and licenses were stolen, according to the reports. The team managed to still make it home, and less than a day later, showed up at the Bangor Area Homeless Shelter to serve Thanksgiving dinner to residents. "What could have been something that really put a damper on us for weeks, it was something our kids spun into something positive," UMaine women's basketball coach Richard Barron told WLBZ. "The loss of personal items, as unsettling as that may be, it was still a great lesson for us to come home and be grateful for everything that we do have."

BDN cites Rubin in editorial on Trump's pledge to 'bring back coal'

30 Nov 2016

Jonathan Rubin, a professor of resource economics and policy at the University of Maine, was cited in the [Bangor Daily News](#)

editorial, “Trump should look beyond the past, stop promising to make coal great again.” Demand for coal in the U.S. has dropped because natural gas is a cheaper alternative. So, the only way President-elect Donald Trump can “bring back coal” is to raise the price of natural gas, according to the editorial. This would be especially harmful to people in Maine, where natural gas is increasingly used to generate electricity and heat homes, the BDN argues. Regulations around health concerns, not climate change, have long increased the price of coal, the editorial states. Unless Trump plans to seek the repeal of the Clean Air Act or mercury rules, he won’t start a coal renaissance, according to Rubin.

Former football coach to receive prestigious award, media report

30 Nov 2016

The [Bangor Daily News](#), [Portland Press Herald](#), [WGME](#) (Channel 13 in Portland), [WVII](#) (Channel 7) and [WABI](#) (Channel 5) reported former University of Maine football coach Jack Cosgrove will be honored next week at the New England Football Writers Association’s annual banquet. Cosgrove, who is now the senior associate athletic director at UMaine, is receiving the George C. Carens Award for lifetime contributions to football in New England. During his 23 years as coach of the Black Bears, Cosgrove earned 123 wins, the most in UMaine history, and guided his teams to three conference championships and five NCAA playoff appearances. “I’m grateful, thankful, honored; all of the above,” Cosgrove told the BDN.

Mayewski discusses latest climate change research on Maine Public’s ‘Maine Calling’

30 Nov 2016

Paul Mayewski, director of the University of Maine’s Climate Change Institute, was a recent guest on [Maine Public](#)’s “Maine Calling” radio show. Mayewski spoke about the latest research findings from the Arctic, his insights about the pace and impact of climate change, and the death of fellow climate scientist and UMaine professor Gordon Hamilton.

Flagship Match being offered in more states, media report

30 Nov 2016

[The Mercury News](#) of San Jose, California, [NBC Los Angeles](#), [Orange County Sun](#), [NPR Illinois](#) and [Providence Journal](#) reported on the recent expansion of the University of Maine’s Flagship Match financial aid program. 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. The program, which was initially offered to students in six neighboring states with higher in-state tuition rates, is now also being offered in Rhode Island, California and Illinois. “If we’re to maintain our enrollment, we’re going to need to be recruiting people from other states,” Jeffrey Hecker, UMaine’s executive vice president for academic affairs and provost told Mercury News. Kaitlyn Corral, a freshman from Los Angeles County, is studying chemical engineering at UMaine on an athletic scholarship. The 18-year-old soccer player — who saw snow flurries for the first time on Tuesday — told Mercury News she was the only one from her large high school to apply. “The school is beautiful, the campus is gorgeous, and the professors are outstanding,” said Corral, who expects the tuition deal will encourage more Californians to apply. “If you’re thinking about going to a relatively small New England college or university, we have a beautiful campus here right on the Stillwater River,” Hecker told NPR Illinois. “Lots of outdoor activities, about an hour from the coast, about two hours from skiing in the mountains. People come from all over to see the fall foliage, and experience the Maine way of life. So it’s a really wonderful place to live.” [East Bay Times](#) also published an article breaking down differences such as tuition costs and average rent between UMaine and University of California, Berkeley.

Frey, Greenlaw seek to preserve basketmaking, black ash trees

30 Nov 2016

Gabriel Frey and Suzanne Greenlaw strive to honor the tradition, celebrate the present and preserve the future of basketmaking. And the husband and wife will be selling baskets at the 22nd annual Maine Indian Basketmakers Holiday Market on Saturday, Dec. 10, in the Hudson Museum at the Collins Center for the Arts at the University of Maine. Frey’s forte includes pack and utility baskets. The 13th-generation Passamaquoddy basketmaker integrates his style — including incorporating leather straps and leather liners — with techniques and lessons he learned from his grandfather, Fred Moore. Functional, artistic pieces are the result. In 1998, when Frey’s grandfather was diagnosed with emphysema, Frey went to stay with and learn from him in Pleasant Point. Then 18, Frey learned how to make tools, prepare black ash (sometimes called brown ash in Maine) wood strips and weave rugged baskets. Today, Frey seeks to emulate the integrity of his grandfather’s approach and desire to build

durable baskets. Frey says his grandfather, who fished and made baskets to provide for his family, was similar to a carpenter the way he worked with wood. In native communities, Frey says brown ash materials often are children's first toys, similar to wooden blocks in a carpenter's house. Basket weaving, he says, reflects indigenous Passamaquoddy values of connectivity and reciprocity between people and the environment. Basketmakers form a relationship with the landscape, says Frey. Harvesters understand and interpret environmental cues to identify brown ash. They know which tree to choose in the stand and understand how their actions will affect future growth. Harvesters often revisit the same brown ash stands throughout their lifespan, he says. Preserving future generations of black ash trees is a focus for Greenlaw, a doctoral student in the UMaine Senator George J. Mitchell Center for Sustainability Solutions and the School of Forest Resources and a member of the Maliseet tribe in Houlton. She also makes utility baskets and enjoys using natural dyes to add color to the creations. For her doctoral research, Greenlaw is developing maps through GIS and remote sensing to predict where basket-quality black ash is likely to grow in the state; it's estimated the species (*Fraxinus nigra*) comprises about 2–3 percent of Maine's total forested land and, of that, about 5–20 percent is good for basketmaking. As part of her research, Greenlaw is establishing an agreement between a commercial forest company and Wabanaki ash harvesters to permit basketmakers to harvest ash on private property. Her research incorporates Wabanaki Traditional Ecological Knowledge and scientific knowledge to address Wabanaki cultural resource issues, including access and availability to brown ash and sweetgrass. While conducting earlier research, Greenlaw met Frey's brother, Jeremy, who suggested she and Frey should meet. He was right; five days after they met, they got engaged. The project also involves collecting black ash seeds in advance of the emerald ash borer's (EAB) arrival in Maine. EAB, a green beetle from China, has killed millions of ash trees in North America. Its presence has been confirmed in New Hampshire, a few miles from the Maine border. While the EAB is a threat, Frey says native people have been and are incredibly resilient and will find a way to continue the craft. Frey, Greenlaw and a number of other members of the Maine Indian Basketmakers Alliance — both national award-winning artists and members of the next generation — will showcase pieces at the free, public holiday market 9 a.m. to 3 p.m. Dec. 10. In addition to the one-of-a-kind art forms that will be for sale, the event will include demonstrations, storytelling, traditional music, drumming and dancing. "This year's event is the 22nd holiday market at the Hudson Museum, which is held in partnership with the Maine Indian Basketmakers Alliance," says Gretchen Faulkner, director of the Hudson Museum. "The day is not just a sale, but for the public it is a rare opportunity to purchase art directly from Maine Indian artists and to learn first-hand about these ancient traditions." The Dec. 10 schedule includes:

- 10 a.m. — Welcome ceremony
- 10:30 a.m.— Traditional Penobscot songs with Penobscot Kelly Demmons
- 11 a.m. — Brown ash-pounding demonstration with Micmac Eldon Hanning
- 11:30 a.m. — Children's bookmark and sweetgrass braiding workshop with Penobscot Pam Cunningham, Hudson Museum's Maine Indian Gallery
- Noon — Fancy basket demonstration with Passamaquoddy Peter Neptune
- 12:30 p.m. — Drumming and singing with Penobscot Chris Sockalexis
- 1 p.m. — Birchbark demonstration with Penobscot Barry Dana
- 1:30 p.m. — Storytelling with Passamaquoddy George Neptune, Hudson Museum's Maine Indian Gallery
- 2 p.m. — Burnurwurbskek Singers
- 3 p.m. — Raffle drawing for the Hudson Museum Friends basket made by Maliseet master basketmaker Fred Tomah (Tickets, \$5 each, may be purchased at the holiday market or at the Hudson Museum prior the event.)

Contact: Beth Staples, 207.581.3777

Page Farm and Home Museum's annual Ye Olde Holiday Shoppe Dec. 3

01 Dec 2016

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. 3. The free event will feature more than 20 local vendors with handcrafted and homemade products including jewelry, wood carvings, clothing, quilts, bread, cheese and maple syrup. 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. From 11 a.m. to 2 p.m., Santa Claus will visit with children on the second floor of the barn. For more information, call 581.4100.

WWII reports on journalism students' election coverage

01 Dec 2016

[WVII](#) (Channel 7) aired a story last month about a University of Maine journalism class and its efforts to cover the November election. Nearly 30 students in Joshua Roiland's Introduction to Journalism course set up a newsroom and covered local, state and national election stories. Roiland is an assistant professor in the Department of Communication and Journalism and a preceptor in the Honors College. Roiland's class published a 12-page broadsheet newspaper, The Maine Telegraph. Their articles, columns and editorials also went live on the UMaine Telegraph website and on the website of the [Bangor Daily News](#).

NSF-funded project, including UMaine's Gill, cited in Sierra Sun Times article

01 Dec 2016

The [Sierra Sun Times](#) of Mariposa, California published a press release from the University of California at Merced, citing a paleontological research project that includes work by Jacquelyn Gill. Gill is an assistant professor of paleoecology and plant ecology with the University of Maine's School of Biology and Ecology and Climate Change Institute. The project, funded by a \$430,00 grant from the National Science Foundation, includes a dig at the La Brea Tar Pits in Los Angeles, according to the release. Researchers are extracting fossils from ancient asphalt seeps to determine what ecological forces may have caused certain species, such as saber-toothed tigers, to go extinct, the article states.

Darling Marine Center cited in AP article on Maine eel farmer

01 Dec 2016

The University of Maine Darling Marine Center was mentioned in an Associated Press article about how a Maine aquaculture farmer wants to keep baby eels, or elvers, in the state. Elvers are at the center of a lucrative business in Maine, which is home to the only large-scale fishing operation for them in the country, according to the article. Fishermen sold them for more than \$2,000 per pound last year, and they typically are sent as seed stock to Asian aquaculture companies to be raised to maturity and processed into sushi and other food products, the article states. In an attempt to keep more of the state's valuable baby eels closer to home, Rademaker launched American Unagi in 2014 and sold her first eels to Maine sushi restaurants this summer. She buys her elvers locally and raises them at the Darling Marine Center in Walpole, the AP reported. Rademaker said she expects to sell more than 2,000 pounds of the eels within two years. [The Washington Times](#) and Madison.com carried the AP report.

BDN features UMaine Extension 'Growing Maine' video on family orchard

01 Dec 2016

The [Bangor Daily News](#) reported on the latest installment of the University of Maine Cooperative Extension's "Growing Maine," a series of short documentaries highlighting Maine food producers and farm families. The video tells the story of Patty and Gary Treworgy and their children on their second-generation orchard and family farm in Levant. Treworgy Family Orchards had a rough start after the first planting of apples failed. But with perseverance and by "starting small," the farm grew to be a destination for over 35,000 visitors each year. The "Growing Maine" series aims to bring people closer to farmers and producers, to better understand the human dimension of agriculture, the BDN reported.

CBC News cites Steneck in report of large lobster being saved

01 Dec 2016

Robert Steneck, a professor of marine sciences at the University of Maine, was quoted in a [CBC News](#) report about a 23-pound live lobster at a seafood shop in Alma, New Brunswick. At her grandfather's urging, a Halifax woman called the store to see what could be done to save the lobster, according to the article. The shop's owners agreed to sell the lobster, dubbed King Louie, to her for \$230, or \$10 per pound, and even helped release it in the Bay of Fundy, the article states. According to Steneck, it is possible for caught lobsters to live for many years after being returned to the sea. "We've had lobsters that were kept cold and damp but not in water for a few days before we get them back to the lab, and they've lived in the lab for years," he said, adding that lobsters should be returned to the same environment they came from for the best chance at survival. Overall, Steneck said discussion about returning lobsters to the ocean can be a good thing for raising awareness about the ecosystem. "I'd rather see more people have sensitivities to the natural world around us," he said. "There are a lot of potential positives there."

UMaine officials speak with BDN about emergency preparation

01 Dec 2016

In the wake of the recent attack at Ohio State University, the [Bangor Daily News](#) spoke with University of Maine officials about preparing for an emergency on campus. The university offers emergency training to some of its staff, information about precautions to its students, and uses a mobile alert system to quickly disseminate urgent safety messages campuswide, according to the article. UMaine officials said the goal is to ensure thousands of university staff and students know what steps to take if the worst happens. "Police have gone to various classes for training, [and] certain staff and faculty groups have asked for and received training, as well," said Robert Dana, UMaine's vice president for student life and dean of students. He said the university stresses the importance of getting out ahead of any potential emergency or threat. If students see or hear something concerning, they should report it, he added. In the case of an active shooter or similar situation on campus, Roland LaCroix, UMaine's police chief, points to the "Run, Hide, Fight" doctrine that has been adopted by the National Incident Management System. "If you can get out, we want you to get out," he said. LaCroix directed people with questions about Run, Hide, Fight to a Homeland Security-produced [video](#) on the topic.

High school freshmen to visit UMaine for overnight, Sun Journal reports

01 Dec 2016

The [Sun Journal](#) reported about 45 freshmen from Telstar Regional High School in Bethel will visit the University of Maine for an overnight field trip Dec. 8. 4-H Cooperative Extension is coordinating the visit. Students who are part of The Telstar Freshmen Academy will stay at the Black Bear Inn, eat at UMaine dining halls, visit with Telestar alumni on campus and learn about what it's like to study and live at the university. "The Telstar Freshmen Academy believes in bringing education to life," Norm Greenberg told the Sun Journal. Greenberg is a Telstar 4-H professional educator and social studies teacher at the UMaine 4-H Camp & Learning Center at Bryant Pond. "Going to UMaine, seeing real knowledge being created and learned, meeting THS alumni with whom they can identify, who were in their very shoes only a few years ago, are great ways to achieve the goals of the TFA," he said.

Engineers Without Borders traveling to Ecuador to develop sustainable water supply system

02 Dec 2016

This December, members of the University of Maine student group Engineers Without Borders will embark on a second assessment trip to the community of El Descanso, Ecuador. The trip is intended to lay the groundwork for the development of a sustainable water supply system. In May 2016, four EWB-UMaine students completed an initial visit to the 120-person community. Much of El Descanso consists of subsistence farmers who are food rich, but economically impoverished and often lacking in water supply. The main goal of the project is to obtain a clean, year-round water supply, which would help improve the health and economic situation of El Descanso citizens. During the previous assessment trip, the team investigated additional sources for water collection. From Dec. 16 through Jan. 11, four students and one mentor will travel to El Descanso. The trip falls during the dry season and will hopefully yield quantifiable data as to which sources can effectively sustain the community. EWB-UMaine's first project spanned five years and was completed in 2013. It resulted in the implementation of a septic system for a community in Dulce Vivir, Honduras. To learn more about EWB-UMaine and their projects, visit the group's [website](#) or attend one of their meetings at 7 p.m. Tuesdays in the Foster Center for Student Innovation. A full news release is [online](#).

UMaine ranked one of Maine's most Instagrammed places, USA Today reports

02 Dec 2016

The University of Maine was included in a [USA Today](#) report about the most Instagrammed places in each state. The top five most geotagged locations in Maine, according to the report, are Old Orchard Beach, Acadia National Park, Portland Head Light, Cadillac Mountain summit and UMaine. [WLBZ](#) (Channel 2) also carried the report.

Skaves discusses personal finance on Maine Public's 'Maine Calling'

02 Dec 2016

Matthew Skaves, a lecturer in finance and accounting at the University of Maine, was a recent guest on [Maine Public](#)'s "Maine

Calling” radio show. Skaves was among a panel that gave advice on personal finance topics, including student loan debt, retirement planning and leasing a car.

Johnson speaks about UMMA Winter Art Factory on WABI

02 Dec 2016

Kat Johnson, education coordinator at the University of Maine Museum of Art in downtown Bangor, was a recent guest on WABI (Channel 5). She spoke about the museum’s Winter Art Factory set for 11 a.m. to 3 p.m. Saturday, Dec. 3. The event, which will be held ahead of the Festival of Lights Parade, will include several stations for creating ornaments, wrapping paper and a paper lantern to take to the parade, according to the report. “It is so much fun,” Johnson says of the annual event. “It is one of the many programs we offer to our community that is free and open to the public for them to come in — at any age — and make art.” All supplies are included and guided instruction is provided, she said.

Washington Post mentions Burnett, UMaine Center on Aging in story on osteoporosis treatment

02 Dec 2016

[The Washington Post](#) cited advice from Paula Burnett, RSVP Program Coordinator at the University of Maine Center on Aging, in a story on exercise classes that can help ease the effects of osteoporosis. For relief, seniors with the degenerative bone condition are increasingly turning to classes that include resistance and weight-bearing exercises. Burnett, the newspaper notes, recommends that seniors suffering from osteoporosis get clearance from their doctors, before taking part in any exercise classes.

Researcher charts advances in marine mammal genetic sequencing

02 Dec 2016

Answers to evolutionary and ecological mysteries about marine mammal species may be closer at hand, thanks to advances in genetic sequencing techniques for so-called nonmodel organisms. Kristina Cammen, a National Science Foundation postdoctoral fellow in biology and soon-to-be assistant professor of marine mammal science at the University of Maine (starting May 2017), led the research team that published its findings in the [Journal of Heredity](#). The idea for the review paper grew out of discussions at two international workshops, held at The Society for Marine Mammalogy’s biennial conferences in New Zealand in 2013 and San Francisco in 2015. Over the past decade, notes the Journal of Heredity article, technological advances and declining costs have increasingly allowed evolutionary biologists and ecologists to use genetic sequencing techniques on marine mammals that were once reserved only for the study of human beings and lab rats, so-called model organisms. These techniques include whole genome sequencing and restriction site-associated DNA or RAD sequencing. In the article, Cammen and colleagues looked at genomic studies, since 2002, of several key marine mammal species, including common bottlenose dolphins, killer whales, Antarctic fur seals and polar bears. The progressions, the authors note, go from sequencing individual genes to whole genome sequencing and, at the genomic scale, from sequencing individual specimens to sequencing population samples. The article goes on to make the key point that each sequencing technique has its own unique benefits for biologists and ecologists, working to understand the forces affecting marine mammal species. RAD sequencing gives researchers new access to thousands of genetic markers for any given species. Because this approach investigates only a portion of the genome, scientists are able to compare and contrast samples from large numbers of organisms. The article notes several studies that have used these techniques to expand scientists’ understanding of genetic patterns affecting harbor seals and walruses. Cammen has used this technique in the past to explore why populations of bottlenose dolphins in the Gulf of Mexico differ in their susceptibility to blooms of toxic algae. Advances in whole genome sequencing are making it possible to understand, more deeply, the evolutionary forces that led to the divergence of marine mammals from their terrestrial relatives, according to the research team. Twelve marine mammal species have undergone whole genome sequencing thus far, including multiple representatives of the cetaceans (whales and dolphins) and pinnipeds (seals, sea lions and walruses), as well as the West Indian manatee and polar bear. By examining these genomes, scientists have been able to learn more about how marine mammal species have changed over time. For example, the paper cites a whole genome sequencing study of the Yangtze River dolphin, which revealed a population disruption that hit the species during the last time of deglaciation. The researchers also note the advances made possible by population-level genome resequencing. Only two studies that apply this technique to marine mammals have been published to date. One examined the genomes of 79 individuals from three populations of polar bears. The other examined 48 individuals from five evolutionarily divergent ecotypes of killer whale. The studies revealed new insights into the evolutionary history of marine mammals, including how populations have diverged and selection has led to

differences in ecological niche. These insights, and many others cited in the paper, would not have been possible without the use of recently developed genomic sequencing technologies. Contact: Jay Field, 207.581.3721; 207.338.8068

Experience the spirit of the season with ‘A Christmas Carol’

05 Dec 2016

Witness Ebenezer Scrooge’s transformation from a bitter, selfish man to a joyous, generous person in “A Christmas Carol” at 7 p.m. Thursday, Dec. 8, at the Collins Center for the Arts at the University of Maine. Since 1979, the Nebraska Theatre Caravan, the professional touring wing of the Omaha Community Playhouse, has been performing Charles Jones’ adaptation of Charles Dickens’ “ghostly little book.” Jones moves the time of the story forward 40 years to 1886, when secular English Christmas customs were established. His adaptation also weaves traditional Christmas carols — including “God Rest Ye Merry Gentlemen” and “Away in a Manger” — throughout the narrative. Each year, the Nebraska Theatre Caravan cast performs this lively, colorful, music-filled version of Dickens’ enduring tale for more than 100,000 people in more than 60 cities across the country. Quirk Auto is the local sponsor of the show, which features 23 performers, a host of musicians and Broadway-style scenery and costumes. Tickets are \$25 and \$30 for the general public and \$20 for K–12 students, plus a \$4 facility fee. More information and tickets are available [online](#). Also, for tickets and to request a disability accommodation, call 581.1755. Orders that include student tickets must be purchased in person or by phone and picked up at the box office the night of the show.

Sun Journal publishes profile on doctoral candidate

05 Dec 2016

The [Sun Journal](#) published a Q&A profile on Brenda Gammon, director of Region 9, School of Applied Technology in Mexico, Maine. Gammon promised her father-in-law she would keep going to school until he could call her “doctor,” according to the article. This December, Gammon will receive her doctorate in educational leadership from the University of Maine, the article states. Gammon, who lives in Peru, Maine, also holds bachelor’s and master’s degrees in elementary education, as well as a certificate of advanced study degree in educational leadership, the article states.

BDN covers second annual Maine Food Network Gathering at UMaine

05 Dec 2016

The [Bangor Daily News](#) reported on the annual Maine Food Network Gathering held at the University of Maine. More than 150 people with varying connections to Maine’s local food system came together to discuss a range of topics related to bolstering the state’s food chain, according to the article. This is the second year Maine Food Strategy has hosted the Food Network Gathering, which is put on in collaboration with about a dozen other statewide food, agriculture and aquaculture organizations, including Maine Farmland Trust, Maine Organic Farmers and Gardeners Association, University of Maine Cooperative Extension and LocalCatch.org, the article states.

Stack’s advice cited in Press Herald ‘Maine Gardener’ column

05 Dec 2016

Lois Berg Stack, an ornamental horticulture specialist with the University of Maine Cooperative Extension, was mentioned in the latest column in the [Portland Press Herald](#) “Maine Gardener” series. In the article, “In landscape design, consider function as well as beauty,” the author wrote about attending a two-day session as part of landscape design school. “A landscape can be beautiful as well as highly functional,” Stack said during the session. As an example, she described a line of red pines along one edge of her home that is attractive and serves to define the border, according to the article. “Those pines provide wind protection on our property over an area that is eight times their height,” she said. The trees make her home warmer in winter, allowing her to grow plants that otherwise might not be able to survive Maine’s cold climate, and they offer shelter to animals, the article states.

WABI covers UMMA Winter Art Factory

05 Dec 2016

WABI (Channel 5) reported on the annual Winter Art Factory hosted by the University of Maine Museum of Art in downtown

Bangor. The free event was held ahead of the Festival of Lights Parade and included several stations for creating ornaments, wrapping paper and a paper lantern, according to the report. “Often times not everyone gets access to these materials and these sort of processes — I mean we’re doing screen printing in the classroom,” said Kat Johnson, education coordinator at the museum. “It gives them access to things they maybe otherwise wouldn’t get access to.”

Seymour speaks with Seacoast Online about balsam fir trees in Maine

05 Dec 2016

Robert Seymour, the Curtis Hutchins Professor of Forest Resources at the University of Maine, was interviewed by [Seacoast Online](#) for an article about the state’s most common tree: the balsam fir. “It’s just everywhere,” Seymour said of the tree that grows in mixed woods in southern and central Maine, and in almost every forest ecosystem in the state. “Balsam fir is a wonderful tree. It grows so well, it’s useful for a lot of products. You can make dimensional lumber out of it, or paper,” Seymour said.

Quartz quotes Socolow in article on Orwellian euphemisms

05 Dec 2016

Michael Socolow, a professor of communication and journalism at the University of Maine, was quoted in a [Quartz](#) article about popular Orwellian euphemisms such as “post-truth” and “alt-right.” “The idea of post-truth is that it implies that truth is over,” Socolow said. “120 million Americans voted in this past election, and I’m not ready to say that a significant number of them believe, on either side, that we’ve moved past truth in that way.” Politicians and pundits seek new innocuous phrases in an effort to dampen the revulsion of recognition, according to the article. “I think propaganda needs to return to common parlance,” Socolow said. “We have so many euphemisms today for propaganda. We have ‘native advertising,’ ‘sponsored content,’ ‘public diplomacy,’ ‘fake news,’ and ‘post-truth’ content: They’re all variations on propaganda, what they identified in the 1920s and 1930s.”

Computer science students to demonstrate original games during exhibition

06 Dec 2016

Computer science students at the University of Maine will showcase original games they have created on Thursday, Dec. 8. 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. From 11 a.m. to 12:45 p.m., 14 teams of students from COS 125 — Introduction to Problem Solving Using Computer Programming will showcase the games they built and compete for prizes. At the same time, 41 students from COS 312 — Game Development with the Unity Game Engine also will demonstrate their computer games. Visitors will have the opportunity to play the games and vote for their favorite created by COS 125 students. The teams with the most votes will receive cash prizes.

Ranco takes part in ‘Water is Life’ panel discussion, Bowdoin reports

06 Dec 2016

Darren Ranco, an associate professor of anthropology and director of Native American research at the University of Maine, took part in a panel discussion on indigenous lands and environmental justice, according to a [Bowdoin](#) news release. The Brunswick event provided historical context for and analysis of the protest against a proposed oil pipeline sited close to the Standing Rock Indian Reservation, which straddles North and South Dakota. Ranco was part of the “Water is Life” panel along with Matthew Klinge, an associate professor of environmental studies and history at Bowdoin, and Nicholas James Reo, an associate professor of environmental studies and Native American studies at Dartmouth College, according to the release. Ranco also showed a short film, “Penobscot: A Fight for Ancestral Waters,” that covers an ongoing legal battle between the Penobscot nation and the state of Maine, the release states.

UMBC News reports on online ‘Seeing Science’ discussion moderated by Stormer

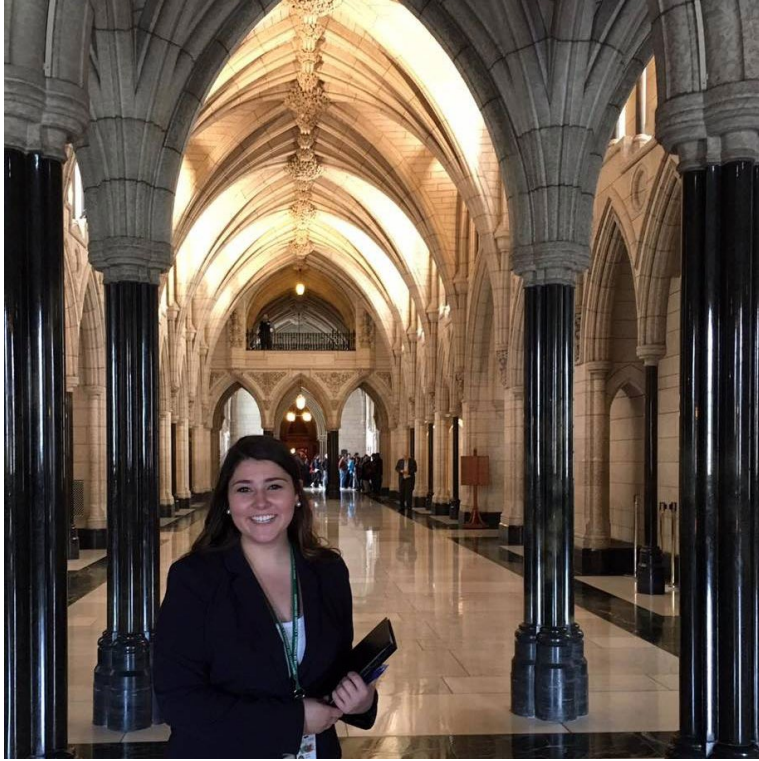
06 Dec 2016

[UMBC News](#) reported on a recent online discussion forum moderated by Nathan Stormer, chair of the Communication and

Journalism Department at the University of Maine. Experts from National Geographic, NPR and other national leaders in the arts, humanities and sciences connected by webcam last week to discuss 10 images for “How Science is Pictured in the Media and Public Culture,” according to the article. University of Maryland, Baltimore and Reading the Pictures jointly produced the panel as part of the yearlong “Seeing Science” project, which explores the role photography plays in shaping, representing and furthering the sciences, the article states.

Miranda Roberts: Canadian Parliament intern gains political, cultural experience

06 Dec 2016



Miranda Roberts of Hermon, Maine spent five weeks last summer working in the office of a member of the Canadian Parliament. The only UMaine student to receive last year's Canadian Parliamentary Internship, Roberts traveled to Ottawa with about 30 students from the University of Michigan-Dearborn, which partnered with UMaine for the program. From May 8 through June 13, Roberts stayed at the University of Ottawa and worked in the office of Ben Lobb, a Progressive Conservative member of Parliament representing the Huron-Bruce electoral district in Ontario. The political science student helped Lobb's staff research legislation, respond to constituents and plan a social media strategy. She also attended committee meetings with Lobb, and gave tours of Parliament Hill to visiting constituents. "I think one of the most important skills I gained was connecting with people you barely know in order to gain their trust. When talking to constituents or even other staffers, I needed to make them trust me so I could educate them on the legislation my office was working on," she says. Roberts, who also is pursuing minors in Spanish and international affairs with a concentration in Canadian studies, was interested in the internship because of family connections, as well as the opportunity to gain political experience. Roberts' ancestors are Acadians, not to be confused with Québécois or French Canadians, and Scots both living in New Brunswick before moving to the Pine Tree State. She fell in love with Ottawa and Canadian culture while visiting her brother who studied at Carleton University. "My heritage was one of the factors, but the real reason I applied was because the opportunity to work in Canadian Parliament is such an educational and cultural experience that I couldn't pass it up," she says. Throughout her internship, Roberts learned a lot about how the Canadian government works and how Parliament is run in comparison to the U.S. government. Although she was nervous before the start of the internship, Roberts says she quickly found her confidence. "I thought I would just be fetching coffee and photocopying paper, but as soon as I got to my office I was put to work on responding to constituents," she says. "I'm glad I had taken a Canadian government class before I arrived because my staffer recognized that I knew a lot about Canada and gave me more challenging tasks." She credits that Canadian government class taught by Howard Cody, which she took during her freshman year, with getting her hooked on Canadian politics and helping her feel prepared for the internship. Living in Ottawa also provided many opportunities for Roberts to experience Canadian culture — from visiting museums to kayaking and zip lining. She also became close with the University of Michigan-Dearborn students and even flew to visit them at the end of the summer. For students planning to apply for next summer's internship, Roberts recommends studying the basics of Canadian government and

history, as well as keeping an open mind. “I was put in a conservative office thinking that I would not get along with my member of Parliament, but I found that having a member of Parliament that does not match up with you ideologically actually educates you more,” she says. “So don’t go into the internship with preconceived notions because they will limit you in the end.” She also advises students to take every opportunity to experience Canada. “You can spend the rest of your summer lying in bed if you want, but while you are in Ottawa, go out and do things that you wouldn’t normally do because you won’t regret it,” she says. After Roberts graduates in May 2018, she plans to either move to Canada to work in a parliamentary office or stay in Maine to work in state politics. The application deadline to apply for the 2017 Canadian Parliamentary Internship is Dec. 15. The program costs \$3,000 and includes housing, as well as three transferable credits from University of Michigan-Dearborn. For more information, including how to apply, email Betsy Arntzen at arntzen@maine.edu. Contact: Elyse Kahl, 581.3747

New study indicates weekly consumption of chocolate associated with lower incidence of diabetes

06 Dec 2016

New research from the Maine-Syracuse Longitudinal Study (MSLS) confirms that persons who eat chocolate at least once a week have a lower prevalence of diabetes and are at lower risk for a diagnosis of diabetes four to five years later. The study also indicates that the relation between the frequency of chocolate consumption may be due to an active choice on the part of diabetics. For example, diabetics may choose to reduce their frequency of chocolate consumption in an effort to reduce sweets, noted the researchers, who published their findings in the journal *Appetite*. The research team is led by nutritionist and psychologist Georgina Crichton of the University of South Australia, and University of Maine psychology researchers Merrill “Pete” Elias, Peter Dearborn and Michael Robbins. The research was supported by the National Institutes of Health and the National Health and Medical Research Council, Australia. The MSLS study of 908 community-dwelling nondiabetic and 45 diabetic participants found that persons who ate chocolate less than once a week were at twice the risk of diabetes mellitus compared to those who ate chocolate more than once a week. Consumption more than once a week did not decrease risk further. Persons who never or rarely ate chocolate had almost twice the risk of having diabetes five years later, compared to those who ate chocolate more than once per week. Cause and effect relations between chocolate consumption and diabetes have not been established in any study in the literature, but in their research, the MSLS investigators concluded that a bidirectional relationship couldn’t be ruled out, modest amounts of chocolate protect against diabetes, but some diabetic individuals chose to eat modest amounts of chocolate. After 2000, when the health benefits of chocolate became more widely known, persons who ate moderate amounts of chocolate had less incidence of developing diabetes. Indeed, the study shows that the number of new cases of diabetes mellitus did not rise significantly for the next four to five years. The MSLS investigators emphasize that their data do not argue against a causal relation between eating chocolate and developing diabetes. But they point out that the direction of the association may be reversed in some individuals. “Regardless of the direction of the relation between chocolate consumption and diabetes mellitus, consuming chocolate at least once a week very much appears to be a win-win with regard to health benefits and cognitive performance for those who do not have special health restrictions on chocolate,” says Elias, who directs MSLS. In the MSLS study, specific quantities of chocolate eaten were not measured. However, findings from a number of studies would suggest that a moderate consumption of approximately one ounce (or 25 grams) of chocolate once a week, i.e. about a third of a typical chocolate bar, may be associated with health benefits, such as reduced arterial stiffness and better cognitive performance. It is unclear if the benefits of chocolate are limited to dark chocolate. It is widely hypothesized that the cocoa flavanols, found in larger amounts in dark chocolate, are responsible for its health and cognitive benefits. Elias points out that clinical trials are necessary to establish whether only dark chocolate is beneficial. This is the latest collaborative study involving the University of Maine and University of South Australia researchers using MSLS to examine the health benefits of chocolate, including increased cognitive function. Contact: Margaret Nagle, 207.581.3745

2016 Senior Art Exhibition opens Dec. 9 in Lord Hall Gallery

07 Dec 2016

The University of Maine will open its 2016 Senior Art Exhibition, “MULTIFARIOUS: Artists in Flux,” with a reception from 5:30 to 7 p.m. Friday, Dec. 9 at the Lord Hall Gallery. The show, which runs through Feb. 3, features 82 works of art, including paintings, drawings, etchings, silkscreens, woodcuts, sculpture, ceramics, digital paintings and photography. The artists, all senior art and fine art students, produced all aspects of the exhibition — matting, framing, hanging, labeling and lighting their works. Members of the campus community are invited to meet the artists at the show’s opening reception. Artists include Gabrielle Farley, Gary Farrell, Jessie Hardy, Hannah Hooke, Daniel Jonas, Sarah Laverriere, Susannah Long, Lorin Martens, Christina Metcalf, Patrick Meunier, Sadie Personeni, Zoe Quick, Julie Roach, Hattie Stiles and Amy Sutherland. The

gallery is open 9 a.m. to 4 p.m. weekdays. Events are free and open to the public. For more information or to request a disability accommodation, call the University of Maine Department of Art at 581.3245.

Revolution Research awarded \$100,000 to develop ‘green’ ceiling tiles, Press Herald reports

07 Dec 2016

The [Portland Press Herald](#) reported Orono-based startup Revolution Research Inc. was among the recipients sharing a \$1.3 million award from the Environmental Protection Agency. Revolution Research won \$100,000 to design the manufacturing process for a bio-based ceiling tile that is durable, nonhazardous and can be composted, according to the article. The tiles also must have higher insulation properties than conventional tiles, according to an EPA press release. The startup was co-founded by Nadir Yildirim, a graduate of UMaine’s innovation engineering program and a Ph.D. candidate in forest resources. It is a spin-off company of UMaine’s Advanced Structures and Composites Center, where Yildirim conducts his research. WABI (Channel 5), [WVII](#) (Channel 7) and [Plastics News](#) also reported on the company and its latest funding. [Mainebiz](#) cited the Press Herald article.

Media report on Master Gardener Volunteer training in Cumberland, York counties

07 Dec 2016

Morning Ag Clips and [Seacoast Online](#) reported applications are now being accepted for the 2017 University of Maine Cooperative Extension Master Gardener Volunteer training programs in York and Cumberland counties. Morning Ag Clips reported the Cumberland County sessions, which begin Feb. 3 in Falmouth, will place on 16 consecutive Friday afternoons. A Master Gardener is a trained volunteer of UMaine Extension. They receive 50–60 hours of practical training in basic horticulture and complete a minimum of 40 hours-approved volunteer work on various community-based projects around the county, according to the report. Cumberland County application packets are available online or by calling 781.6099 or 800.287.1471. York County classes will meet 9 a.m.–12:30 p.m. Tuesdays, Feb. 14 through early June at the Anderson Learning Center in Springvale, Seacoast Online reported. York County applications are available [online](#) or by calling 324.2814 or 800.287.1535. The deadlines for submitting applications are Dec. 30 in Cumberland County and Jan. 17 in York County, the reports state.

‘Brownie’ Schrumpf cited in Press Herald story on origins of the dessert

07 Dec 2016

In a story celebrating National Brownie Day, the [Portland Press Herald](#) noted it was former University of Maine instructor Mildred Brown “Brownie” Schrumpf who contended, for years, that Maine invented the yummy dessert. Over her roughly 70-year career, Schrumpf, who died in 2001 at age 98, taught home economics at UMaine and camp cookery to foresters through the U.S. Department of Agriculture’s Extension Service. Schrumpf also ran 4-H programs, tested gas stoves and wrote a food column for the Bangor Daily News. As the Press Herald reports, Schrumpf cited a 1912 cookbook recipe for brownies, known at the time as “Bangor Brownies,” as proof that the dessert originated in Maine. But the newspaper goes on to note that recipes for Bangor Brownies were found in other community cookbooks around 1904.

Gill tells Business Insider NASA data critical to climate change research

07 Dec 2016

University of Maine paleoecologist and plant ecologist Jacquelyn Gill told [Business Insider](#) that NASA data on Earth’s climate provides a critical baseline of comparison, as she and other researchers study climate change over millions of years. Last month, Bob Walker, an adviser to President-elect Donald Trump, told The Guardian newspaper that the incoming administration was preparing to shift funding at NASA away from Earth science and toward greater exploration of deep space. But Gill says such a move would harm climate change research. “A lot of the work we do in the past is motivated by the world we have in the present,” Gill told Business Insider. “If we don’t have that information then [the past data] becomes a kind of novelty. It loses its grounding.”

Socolow pens Columbia Journalism Review column on media’s performance after Pearl Harbor attack

07 Dec 2016

University of Maine media historian and journalism professor Michael Socolow writes in the [Columbia Journalism Review](#) that news outlets covering the Japanese attack on Pearl Harbor displayed some of the same bad habits that still plague journalism today. “A look back at the reporting on Pearl Harbor,” writes Socolow in CJR, “shows how little has changed in the way media covers — or doesn’t cover — major events, from a tendency for errors in the early days of a crisis to its use of analysts and outside experts to fill the void created by the lack of actual reporting. This void of information catalyzes speculation and conjecture, and it’s here that journalism starts to crumble.”

Pulse Morning Show interviews Abedi about wireless leak detection system heading to space

07 Dec 2016

Ali Abedi, a professor of electrical and computer engineering at the University of Maine, was a recent guest on the [Pulse Morning Show](#) (WZON AM 620). Abedi, director of the Wireless Sensing Laboratory (WiSe-Net Lab) on campus, spoke about the scheduled space launch of the wireless leak detection system he developed with other UMaine researchers and students. The prototype, which was tested by NASA and in the inflatable lunar habitat and WiSe-Net Lab, could lead to increased safety on the International Space Station and in other space activities. The payload is expected to be launched Dec. 9 by the Japanese Space Agency in Tanegashima, Japan onboard an HTV6 rocket that resupplies the ISS. “Space technology has changed our lives, and this is another example to show us how working in extreme environments can help us improve our lives here on Earth,” Abedi said about his NASA-funded research. Members of the UMaine community are welcome to attend a launch party at 5:30 p.m. Friday at the Emera Astronomy Center on campus. [ECN](#) and [ExecutiveGov](#) also published reports on the research.

WABI covers Engineers Without Borders meeting ahead of Ecuador trip

07 Dec 2016

WABI (Channel 5) attended a meeting of the University of Maine student group Engineers Without Borders. Members of the group gathered at the Foster Center for Student Innovation for their final weekly meeting before their upcoming trip to Ecuador. From Dec. 16 through Jan. 11, four student members and one mentor will embark on a second assessment trip to the community of El Descanso, Ecuador. The trip is intended to lay the groundwork for the development of a sustainable water supply system in the 120-person community. “Taking a plane ride to another country, getting on a bus for six hours and then taking another two-hour bus ride all on dirt roads to get to a community that has so little, yet gives so much — there’s nothing quite like it,” said Nat Midura, president of EWB-UMaine.

California students speak with NBC Los Angeles about appeal of attending UMaine

07 Dec 2016

[NBC Los Angeles](#) reported on the recent expansion of the University of Maine’s Flagship Match financial aid program to California. 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. The program, which was initially offered to students in six neighboring states with higher in-state tuition rates, is now also being offered in Rhode Island, California and Illinois. The offer may make a lot of financial sense for some of those “squeezed out of the UC System,” NBC Los Angeles reported. Jose Cortez, who has never been out of California, told the station he likes the idea of moving to another part of the country to experience how other people live. [Ventura County Star](#) and [Los Angeles Daily News](#) also reported on Flagship Match being offered in California. Jeffrey Hecker, UMaine’s executive vice president for academic affairs and provost, told Ventura County Star the offer may especially appeal to students who love the outdoors. “It’s a different lifestyle here,” Hecker said. “We don’t even have a traffic report. It’s a wonderful and beautiful part of the world.”

Rubin serving on jury to select Best Mauritian Scientist Award recipient

08 Dec 2016

Jonathan Rubin, director of the Margaret Chase Smith Policy Center and professor of economics, is serving on a three-member jury to select the recipient of the Best Mauritian Scientist Award. The award is an initiative of the Ministry of Technology, Innovation and Communication and is managed by the Mauritius Research Council. The government-approved award, which recognizes an individual for their work in science, will be presented this year on Dec. 12. A story about the first award

recipient is [online](#). As part of the nationally televised event on Monday, Rubin will speak about his research and the potential for Mauritius to increase its uptake of renewable energy.

WABI reports on White Ribbon Campaign at UMaine

08 Dec 2016

Members of the University of Maine group Male Athletes Against Violence are handing out white ribbons to men on campus this week, reports WABI (Channel 5). The White Ribbon Campaign asks men on campus to wear white ribbons as a symbol of their pledge to never commit, condone nor remain silent about violence against women.

UMaine Center on Aging presents 'livability' survey to Bangor committee, BDN reports

08 Dec 2016

The [Bangor Daily News](#) announced results of a citywide "livability" survey were released Wednesday in a preliminary report, closing the first phase of a project to improve Bangor's living environment for residents of all ages. Members of the Bangor Livable Communities Committee gathered to review the report, which was presented by staff from the University of Maine Center on Aging, according to the article. The committee has been working to lay the groundwork for making the city safer, more navigable and more attractive for everyone who lives there, the article states. The preliminary findings suggest Bangor provides many resources to make the city safe and attractive to its seniors and other residents, but there is room for improvement, the BDN reported. Len Kaye, director of the UMaine Center on Aging, said a more detailed report will be released before the end of December.

WABI covers student visits with therapy dogs at Fogler Library

08 Dec 2016

University of Maine students, looking for relief from final exam stress, have been visiting with therapy dogs this week at Folger Library, reports WABI (Channel 5). Therapy dogs will be back at the library for another two-hour session from noon to 2 p.m. Monday, Dec. 12.

Grad student raised research funds via crowdfunding, Utah Public Radio reports

08 Dec 2016

Dulcinea Groff, a Ph.D. candidate with the University of Maine's Climate Change Institute, spoke with [Utah Public Radio](#) for a story about researchers using crowdfunding to raise money to support their work. "Two years ago we started a campaign on the same platform — experiment.com — and we raised about \$11,000, in a month," Groff told UPR. "And I think I would attribute that success to one of the people who — my adviser actually — has a huge social media presence on Twitter."

Kaye cited in WalletHub study on states with best elder-abuse protections

08 Dec 2016

Lenard Kaye, director of the University of Maine Center on Aging and professor in the UMaine School of Social Work, was featured in the "Ask the Experts" section of a [WalletHub](#) study on "2016's states with the best elder-abuse protections." Maine ranked No. 17 overall, as well as No. 3 for "Highest Nursing Homes Quality." Kaye said the best way to protect family members from being taken advantage of financially is to maintain open lines of communication. "Older adults and family members also need to be continuously educated about the risks and signs of potential neglect, abuse and exploitation," Kaye said. "Being an educated consumer is crucial and ultimately the best defense."

New study finds weekly chocolate intake lowers diabetes risk, media report

08 Dec 2016

[Medical Daily](#) reported on new research from the Maine-Syracuse Longitudinal Study (MSLS) that confirms people who eat chocolate at least once a week have a lower prevalence of diabetes and are at lower risk for a diagnosis of diabetes four to five

years later. The study also indicates the relation between the frequency of chocolate consumption may be due to an active choice on the part of diabetics. For example, diabetics may choose to reduce their frequency of chocolate consumption in an effort to reduce sweets, noted the researchers, who published their findings in the journal *Appetite*. The research team was led by nutritionist and psychologist Georgina Crichton of the University of South Australia, and University of Maine psychology researchers Merrill “Pete” Elias, Peter Dearborn and Michael Robbins. “Consuming chocolate at least once a week very much appears to be a win-win with regard to health benefits and cognitive performance for those who do not have special health restrictions on chocolate,” Elias said. [Medical Xpress](#) also published a UMaine news release about the study. WABI-TV5 and [EcoGreenData](#) also covered the story.

Christian Science Monitor quotes Gill in article on drought at Northeast tree farms

08 Dec 2016

Jacquelyn Gill, a paleoecologist at the University of Maine, spoke with [The Christian Science Monitor](#) for a report about how drought has killed many young Christmas trees on farms across New England. As a result, tree farmers are adapting the varieties they grow and some are considering investments in drip irrigation systems, according to the article. The difference in temperatures between the Arctic and New England has shrunk in recent years as the Arctic has warmed, the article states. That, in turn, “weakens the engine that drives our winds and that can cause big changes in our storm tracks,” Gill said. That smoother gradient creates “blocking patterns” that can lead to cold snaps or heat waves, she added. In this case, it established more space for storm tracks to travel farther north, depriving New England of the rain it usually gets. That also resulted in more warm, humid nights that further tested plants, according to Gill.

International affairs, political science major studying in Ottawa as Killam Fellow

09 Dec 2016

Paden Stanton, a University of Maine student studying international affairs and political science, is the recipient of a Killam Fellowship for the 2016 fall semester. As a Killam Fellow, Stanton is studying at Carleton University in Ottawa, while UMaine hosts a Canadian student. Abbey Friars, who is pursuing a degree in kinesiology at Acadia University in Nova Scotia, was awarded the Killam Fellowship to study at UMaine. 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. More information about the program is [online](#). UMaine students interested in applying for next year’s Killam Fellowship should contact Amy Kumpf at amy.kumpf@maine.edu or 581.1509. The deadline to apply is Jan. 15.

Republican Journal advances MSW weekend cohort discussion in Belfast

09 Dec 2016

[The Republican Journal](#) reported the University of Maine Hutchinson Center in Belfast will hold an informational session on the 2017 master’s of social work weekend cohort from 5 to 6:30 p.m. Wednesday, Jan. 18. Deirdre Boylan, program coordinator of UMaine’s Master of Social Work Program, and other MSW faculty members will be on hand to answer questions. A new weekend — Friday evenings and Saturday mornings — “live” MSW cohort will begin at the Hutchinson Center with the fall 2017 semester. Applications will be reviewed starting Feb. 1.

UMaine Extension cited in Seacoast Online article on new composting facility in Sanford

09 Dec 2016

Three graduates of the Maine Compost School, which is supported by the University of Maine Cooperative Extension, are certified to work at Sanford’s new composting facility, [Seacoast Online](#) reports. Early next year, Sanford residents will be able to get compost at the site, which is located at the city’s water treatment plant.

Putnam presents at climate change conference, Medill News Service reports

09 Dec 2016

[Medill News Service](#) reported on the 2016 Comer Abrupt Climate Change Conference in Chicago, where Aaron Putnam, an assistant professor of Earth sciences with the University of Maine's Climate Change Institute, gave a presentation on his research in Mongolia's Altai Mountains. Putnam and a team of researchers spent six weeks collecting boulder samples in the Potanin Glacier Valley. The scientists are mapping the retreat of glaciers in the area, as they try to figure out what caused the last ice age to end 20,000 years ago, according to the report. George Denton, the Libra Professor of Geological Sciences at UMaine, also was mentioned in the article for his role in creating a fellowship program to support research on the causes and consequences of abrupt climate change. Since 2003, more than 300 papers have been published by Comer Fellows in peer-reviewed journals, the article states.

Maine Public reports on UMaine-designed technology heading to space station

09 Dec 2016

Maine Public reported on the scheduled launch of University of Maine-designed technology headed to the International Space Station. The wireless leak detection system — a safety system that alerts astronauts to potentially dangerous loss of heat and air — was designed by University of Maine scientists, Maine Public reported. The leak detector was part of a payload of supplies expected to launch from Japan on Friday, Dec. 9, just shortly before 8:30 a.m. EST. The university plans to celebrate the deployment with a free launch party at 5:30 p.m. Friday at the Emera Astronomy Center, the report states. Tech.Co and [ArgyllFreePress](#) also reported on the UMaine technology.

UMaine study, Allan cited in Broadly report on alleged hazing at Hofstra University

09 Dec 2016

[Broadly](#) mentioned research from a 2008 University of Maine study in an article about an alleged violent hazing ritual at Hofstra University in New York. The [study](#), which was conducted by researchers Elizabeth Allan and Mary Madden, estimates that 47 percent of college students come to college having experienced some form of hazing. Additionally, 25 percent believed coaches and organization advisers were aware of hazing rituals, according to the article. Broadly states that in [“Hazing and Gender: Analyzing the Obvious,”](#) Allan, a professor of higher education leadership at UMaine, explains that in order to combat hazing, schools must tackle masculinity and homophobia, which “work in tandem to create a climate in which violent and demeaning hazing practices are more likely to be tolerated and even considered beneficial.”

WABI covers exhibit of games created by computer science students

09 Dec 2016

WABI (Channel 5) reported on exhibitions held by computer science students at the University of Maine to showcase original video games. Students from COS 125 and COS 312 demonstrated the games they built throughout the semester and competed for a cash prize. “The idea of the demo here is to get other people to play their game so that they can get some feedback as to what’s wrong with it,” said James Fastook, a computer science professor at UMaine. “I probably spend some of the most time out of any class on this class’ homework, and it’s not because I have to, it’s because I really want to and that’s what makes it so much fun,” said Zechariah Palmeter, a mechanical engineering major who designed a game for virtual reality headsets. Palmeter said he would like to find a merge between video game design and mechanical engineering. “I think there’s a lot of cool places to do this potentially in a physics engine,” he said.

WABI reports on leak-detection system launch party

12 Dec 2016

WABI-TV5 reported on Friday’s party at the Emera Astronomy Center to celebrate the University of Maine-designed wireless leak detection system going to the International Space Station (ISS). The prototype, tested by NASA and in the inflatable lunar habitat and Wireless Sensing Laboratory (WiSe-Net Lab) at UMaine, alerts astronauts to potentially dangerous leaks of heat and air. The Japanese Space Agency (JAXA) in Tanegashima, Japan launched the payload onboard an HTV6 rocket that resupplies the ISS. The project also was mentioned in the [Maine Startups Insider column](#).

Dill tells Morning Sentinel that ticks survived summer drought

12 Dec 2016

James Dill, pest management specialist with University of Maine Cooperative Extension, told the Morning Sentinel that [the number of Lyme disease cases could set a record in 2016](#), even after the hot, dry summer. Through Dec. 5, 2016, Lyme disease cases were 12 percent higher when compared to all of 2015, according to Maine Center for Disease Control and Prevention statistics. Dill said it's likely that deer ticks went deep into the woods to survive the dry summer. "We had reports this fall of people's dogs coming in from backyards covered with 50 to 100 ticks," he said.

Kersbergen cited in article about automated farm technology

12 Dec 2016

Richard Kersbergen, University of Maine Cooperative Extension professor, was interviewed for a Portland Press Herald article about [automated technology at Maine farms](#). While farmers in Maine haven't yet embraced machines for automated milking, several have automatic calf feeders. "In Maine, there's a lot of interest (in automated milking), but no one wants to be the first. You want to make sure you've got the technical support nearby, and right now the nearest technical support is in Vermont." The cows seem to like the robots, Kersbergen said. "Behavior-wise, it's just an incredible difference," he said. "Cows are creatures of habit. They like consistency. There's a lot more consistency with a robot than there is with a human, because they're going to get milked the exact same way each time." And with automated systems, Kersbergen said the cows go to the robot when they want to be milked. "You'll find that it's just incredibly quiet and calm in there," he said.

Blackstone quoted in PPH article about donation surge

12 Dec 2016

University of Maine sociologist Amy Blackstone was cited in a [Portland Press Herald story](#) about progressive nonprofits in Maine and across the country experiencing a surge in donations since the election. "They have a legitimate concern about the impact the incoming administration could have on any number of issues: on people of color, LGBT, women (and) the environment," said Blackstone in the article. "It does feel different this time." Donations to the Immigrant Legal Advocacy Project, a Portland-based nonprofit that provides free legal services to immigrants with low incomes, spiked from \$1,800 last November to about \$35,000 this November, an increase of nearly 2,000 percent, according to the article. Giving also is a way to be proactive, particularly for people who were energized during the campaign and lost, Blackstone said. "It's a way of feeling like you have a voice," she said. "A way of reclaiming your voice after feeling you haven't been heard."

UMaine forest resources alum featured in Press Herald

12 Dec 2016

Nadir Yildirim, who earned a Ph.D. in forest resources at the University of Maine, was [featured in a Portland Press Herald](#) column about his entrepreneurial spirit and his company, Revolution Research Inc. "We would like to show that we can produce from the trees smart products, futurist materials. Because people have newer needs," said Yildirim, who spends at least 60 hours per week shuttling between his leased office space at UMaine's School of Forest Resources and UMaine's Advanced Structures and Composites Center. There, he and UMaine engineering senior William West produce and test prototypes of revolutionary products from trees. Revolution Research Inc. recently earned yet another award, this one from the Environmental Protection Agency, to develop green ceiling tiles. Steve Shaler, director of the School of Forest Resources, said in his 30 years of being a professor, he's never before encountered someone like Yildirim. "He's not a run-of-the-mill guy," Shaler said.

Bricknell source for PPH piece on permitted exotic pets

12 Dec 2016

The [Portland Press Herald interviewed University of Maine professor of aquaculture Ian Bricknell](#) for an article about a Department of Inland Fisheries and Wildlife task force that is reviewing and rewriting the list of exotic pets permitted in Maine. The committee is considering whether to ban some pets currently on the list in order to protect the integrity of the native species in Maine, according to the article. Bricknell, who has hundreds of lizards and amphibians at his home for education and research, is worried he won't be able to keep all of them. For instance, he said while there are 11 geckos on the state's current list of permissible lizards, there are only four on the draft list. "One of my major concerns is there are no scientists on the committee that have any significant experience with lower vertebrates," he said in the article. "I don't think

it's fair to restrict people from what they can own as pets because the (people on the committee) don't understand them. That's a little problematic."

Zollitsch's adventures featured on Bill Green's Maine

12 Dec 2016

Reinhard Zollitsch, University of Maine associate professor emeritus of German, was featured on [Bill Green's Maine on WCSH6](#). Zollitsch, 77, bicycled 2,000 miles in Europe and has paddled the Maine Island Trail and paddled (in reverse) Samuel de Champlain's 1609 trek that included Lake Champlain and the St. Lawrence River. Zollitsch has completed more than a dozen 100-mile paddling adventures and has a [website about his travels](#). "Too old is an attitude and attitudes are never good," Zollitsch told Green.

Cooperative Extension soil testing touted as gift for gardeners

12 Dec 2016

Soil testing by University of Maine Extension was mentioned in a gardening gift-giving column titled "[No need to dig deep for useful and appreciated gifts](#)" in the Portland Press Herald. "About a dozen times a year I write something like 'you really should get a soil test,' and describe how to send soil samples to the University of Maine Soil Testing Service," wrote gardening columnist Tom Atwell.

Opinion piece in BDN lauds Black Bear Exchange

12 Dec 2016

Julia Hathaway included the University of Maine Black Bear Exchange in her opinion piece in the [Bangor Daily News about grassroots activism renewing a shared sense of community](#). "The Black Bear Exchange helps University of Maine students, many of whom are single parents, stretch their meager budgets by providing dietary staples," she wrote, adding that some of the organization's funding results from a large annual yard sale "that also provides bargains for the not-so-affluent and keeps the goods abandoned by college students out of landfills."

TRJ promotes 'Veteran Artists' exhibit at Hutchinson Center

12 Dec 2016

[The Republican Journal/VillageSoup advanced the "Veteran Artists" exhibit](#) that opens with a free reception 5-7 p.m. Dec. 16 at the University of Maine Hutchinson Center in Belfast. The exhibit explores the role that art plays in the lives of Maine military veterans.

UMaine Hutchinson Center to display 'Veteran Artists' exhibit

13 Dec 2016



[caption id="attachment_52688" align="alignright" width="311"] "Old Glory, Tattered & Worn" by U.S. veteran Shawna Mayo Barnes[/caption] The role art plays in the lives of Maine military veterans, including works that are a means of expression for those who lived through war, is the focus of an exhibition at the University of Maine Hutchinson Center in Belfast. "Veteran Artists" explores the way military service affects the outlook of artists. Using art as their voice, the artists have transformed their lives through the act of creating to heal, communicate emotions and urge people to connect with one another. The exhibit will open with a reception from 5–7 p.m. Friday, Dec. 16. Highlighting the reception will be a reading by poet and photographer Suzanne S. Rancourt from her forthcoming manuscript, "Murmurs at the Gate," and other works. Rancourt's book, "Billboard in the Clouds," was the winner of the Native Writers' Circle of the Americas First Book Award. She is a UMaine alumna and a veteran of the U.S. Marine Corps and U.S. Army. Admission to the public reception and exhibit is free. The exhibit will be on display in Fernald Gallery through March 10, 2017. More information is available [online](#) or by contacting Nancy Bergerson at 338.8049, nancy.bergerson@maine.edu.

Ph.D. student gives keynote at 2016 Maine Robotics Expo opening ceremony

13 Dec 2016

Jessica Scheick, a Ph.D. candidate in the School of Earth and Climate Sciences and the Climate Change Institute at the University of Maine, was invited to give the keynote address at the 2016 Maine Robotics EXPO and First Lego League State Championships opening ceremony in Augusta on Dec. 10. During her opening remarks, Scheick, speaking as both a glaciologist and young female scientist, welcomed students from throughout Maine and encouraged the young participants to pursue their interest in the STEM fields academically. The Maine Robotics EXPO brings together elementary, middle and high school students throughout the state to compete in robotic-themed competitions and present their creations. Scheick also gave presentations throughout the day about her personal journey through science, her experience as a young scientist, and the glacier research she has conducted around the globe.

Winter Skills Workshop mentioned in Seacoast Online outdoors column

13 Dec 2016

The 2017 [Becoming an Outdoors Woman: Winter Skills Weekend](#) was mentioned in a [Seacoast Online](#) outdoors column. The

University of Maine 4-H Camp and Learning Center at Bryant Pond will host the overnight event Feb. 24–26. The program offers workshops for women who are 18 or older to gain or improve skills in hunting, fishing and outdoor recreation in a fun, safe and comfortable environment, according to the article.

Roiland discusses fake news on Maine Public's 'Maine Calling'

13 Dec 2016

Josh Roiland, a journalism professor and Honors preceptor at the University of Maine, was a recent guest on Maine Public's "Maine Calling" radio show. Roiland spoke about journalism, the presidential election and the recent surge of "fake news" articles that circulated on social media.

USA Today College cites Vice President Dana in report on marijuana on campuses

13 Dec 2016

Robert Dana, UMaine vice president for student life and dean of students, was quoted in the [USA Today College](#) article, "Recreational marijuana legal in your state? Not on campus." Just because marijuana is legal statewide does not mean it's OK to use on college campuses, according to the article. Dana said while clarifications would be made to students, the university policy on marijuana would be unlikely to change in light of legalization in Maine. "We have a fairly firm belief that the immoderate use of any psychoactive substance is corrosive to the learning environment, so that would certainly be the case here," Dana said. UMaine remains a smoke-free campus and bans alcohol and marijuana, the article states.

Two students awarded Benjamin A. Gilman International Scholarship to study abroad

14 Dec 2016

Two University of Maine students have been awarded the Benjamin A. Gilman International Scholarship to study abroad during the spring 2017 semester. Paden Stanton, an international affairs major, was awarded the scholarship to study abroad in India. Tessali Morrison, a chemistry major, will study in Spain. Stanton and Morrison, who are both from Maine, were among 850 American undergraduate students from 359 colleges and universities across the U.S. selected to receive the award. Gilman scholars receive up to \$5,000 to apply toward their study abroad or internship program costs. 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](#).

BDN publishes op-ed by Howard

14 Dec 2016

The Bangor Daily News published the opinion piece, "Trump's climate denial doesn't change the United States' obligation to cut emissions," 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.

Times Record reports Master Gardener program accepting applications

14 Dec 2016

[The Times Record](#) reported the deadline to apply for the University of Maine Cooperative Extension Master Gardener Volunteers program training in Androscoggin and Sagadahoc counties is Jan. 15. The 14-week training will be held 12:30–4 p.m. Tuesdays from Feb. 28 to May 30 at the Topsham Public Library, according to the article. 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 article states. The fee for the course and materials is \$220. Information and applications are [online](#).

Acadia, UMaine researchers seek public's help for fish survey, Mount Desert Islander reports

14 Dec 2016

Acadia, UMaine researchers seek public's help for fish survey, Mount Desert Islander reports [Mount Desert Islander](#) reported researchers with Acadia National Park and the University of Maine are seeking help from the Mount Desert Island community to fill some gaps in a historical freshwater fish survey. Park biologist Bruce Connery, UMaine instructor Erik Reardon, Mount Desert Island Historical Society executive director Tim Garrity and Maine Sea Grant professional Natalie Springuel are asking MDI residents for information about the island's freshwater fisheries to aid in conservation efforts, according to the article. "We are interested in how people used freshwater fisheries in their normal lives, whether it was for recreation or subsistence or to support summer residents, and in what capacity," Connery said. Over a century ago, fisheries were not as regulated or monitored as they are today, so data on freshwater fisheries is either scant or nonexistent, the article states.

WVII advances Christmas show at Emera Astronomy Center

14 Dec 2016

[WVII](#) (Channel 7) reported the Emera Astronomy Center at the University of Maine is offering a holiday show on Fridays and Saturdays this month. "The Mystery of the Christmas Star" brings the audience back 2,000 years to Bethlehem to discover a scientific explanation for the star the three wise men followed to find the baby Jesus. The show brings a message of peace this holiday season, according to the report. "'The Christmas Star' of course at the Christmas season is something people are very interested in by being able to take them back and show them some of the things that were visible in the sky and what it might have been like both from a scientific and historical perspective," said Shawn Laatsch, director of the center. The showing is appropriate for all ages, the report states. Another family friendly show being offered this month explores the constellation Orion the Hunter, Laatsch added.

WABI covers presentation by economics students at Bangor committee meeting

14 Dec 2016

WABI (Channel 5) reported on a presentation made by a group of University of Maine students during a meeting of the city of Bangor's Infrastructure Committee. Students in a sustainable energy economics course have been working all semester on a plan to make Bangor a more walkable city by reducing people's reliance on driving and promoting walking and biking, according to the report. Their proposal included posting signs around the city to show specific distances, as well as the implementation of bike lanes, the report states. "I just think for the future that we definitely need more green options in order to travel and get from place to place, and I think this would be a very good start," said Lauren Clum-Russell, who was among the presenters. "Just to spread the word that walking and biking is better than car use and just to reduce the emissions overall." The [Bangor Daily News](#) also reported on the presentation and cited it in the [editorial](#), "Making Bangor walkable will help residents, visitors — and homeowners, too."

Photographs from Maine History journal on display in Fogler

15 Dec 2016

A recent issue of Maine History, a journal published by the Maine Historical Society in cooperation with the Department of History at the University of Maine, reflects on UMaine's 150th anniversary, focusing particularly on the period since the centennial celebration in 1965. The special issue previews a larger volume being edited by UMaine history professor Howard Segal that is set to be published by the University of Maine Press. Photographs used to illustrate the issue are on display outside the library's Oakes Room. Maine History is available in the library's Special Collections Department or through the [Maine Historical Society](#) website.

Radio Ecoshock Show interviews Gill about abrupt climate shifts, extinction

15 Dec 2016

Jacquelyn Gill, a professor of paleoecology at the University of Maine, was a recent guest on the syndicated weekly [Radio Ecoshock Show](#). The episode, "Welcome to the dark new climate," focused on how creatures fell into extinction during abrupt climate shifts, sometimes within a single human lifetime. Gill said abrupt climate change hit species before humans, and that we're next.

Jemison quoted in Richmond Confidential article on land contamination

15 Dec 2016

John Jemison, a soil and water quality specialist with the University of Maine Cooperative Extension, spoke with [Richmond Confidential](#) for the article, “Developing Richmond’s Zeneca Site means confronting a legacy of contamination.” According to the article, the city of Richmond, California is considering a redevelopment plan for a brownfield known as the Zeneca site. Once occupied by a chemical plant, the San Francisco Regional Water Quality Control Board deemed the site a “burdened property,” which means residences may only be built following the approval of state environmental agencies, the article states. While some professionals are optimistic about the redevelopment, other experts offer a more cautious perspective. “Very little work has been done on the mobility of arsenic in soil systems, and credible reports on soil-based health effects are quite limited,” Jemison said.

Carlson speaks about Maine AgrAbility program on Derek Volk Show

15 Dec 2016

Lani Carlson, Maine AgrAbility coordinator with the University of Maine Cooperative Extension, was a recent guest on [The Derek Volk Show](#). The radio show focused on what functional limitation means, particularly in context of farming, and how the state is working with the agriculture community to better employ people with disabilities. Carlson spoke about the purpose and operation of the Maine AgrAbility program, a nonprofit partnership among UMaine Extension, Goodwill and Alpha One that assists farmers, loggers and fishermen with disabilities and chronic illnesses so they may remain active in production agriculture.

Fogler, Office of Assessment to offer information literacy workshop

16 Dec 2016

The University of Maine’s Fogler Library is partnering with the Office of Assessment to offer an Information Literacy Assessment Workshop. The workshop will be held from 2–4 p.m. Thursday, Jan. 12 in the library’s University Club. Refreshments will be provided. The workshop is designed to explain the concept of information literacy while looking at examples of information literacy assessment in classes and providing hands-on time working with assessment tools. The workshop is open to all UMaine faculty and teaching assistants. Registration is [online](#).

Bishop speaks at Bangor library about editing King’s latest book, WABI reports

16 Dec 2016

WABI (Channel 5) covered a Bangor Public Library talk by Jim Bishop, one of author Stephen King’s English teachers at the University of Maine. In addition to editing King’s latest book, “Hearts in Suspension,” Bishop also wrote an essay in the book that details what life was like on campus in the late 1960s, according to the report. Bishop spoke about the book’s road to publication and collaborating with King on the project, which he calls the culmination of years of work. “You had to not only get back 50 years and reconstruct 50-year-old memories, you had to put yourself back or try to put yourself back into that way of seeing, that way of thinking, that way of speaking, that way of relating,” Bishop said. “Hearts in Suspension” was published by the University of Maine Press, a division of UMaine’s Fogler Library.

Merrill Hall gets Little Free Library thanks to child development center teachers

16 Dec 2016

The Katherine Miles Durst Child Development Learning Center inside Merrill Hall on the University of Maine campus gets a lot of donated books. “We have so many,” says Aleeza Stearns, one of two head teachers at the center. “There’s a whole room upstairs just full of books.” Organizing and culling all of those books can be time consuming, especially at a facility that serves 35 preschool-age children, so Stearns and her co-head teacher, Olivia White, came up with a plan. They created a Little Free Library where visitors can take excess books off the center’s hands. The small, house-shaped wooden box is attached to Merrill Hall’s brick exterior, just outside the door closest to the child development center. It’s filled with books for readers of all ages, from picture books for small children to classic literature for adults. “Anyone can use it,” says White. “A lot of parents have

asked, ‘Is it really OK to take a book without putting another one in there?’ And we’re like, yes, we have a bunch more where those came from.” The Wilson Center gave Stearns and White a \$750 grant for the pint-sized library. The funds covered materials as well as the fee to register with the Little Free Library nonprofit, which supports similar projects and maintains a map of little libraries worldwide. The organization lists more than 50 tiny libraries in Maine, including six in Bangor. The one at Merrill Hall is the first in Orono. White and Stearns say when they embarked on the project they had no idea how much work it would entail. Now that it’s over, they say they learned a lot. Members of the UMaine Student Chapter of the Associated Builders and Contractors donated their time to build the little library. The pair also worked with the Office of Facilities Management to make sure it would be installed properly and comply with the Americans with Disabilities Act. After all was said and done, they had a little under \$200 left from the Wilson Center grant, which they plan on putting in the coffers of EChO, the Early Childhood Opportunities scholars program at UMaine. The money will be set aside for future repairs to the tiny library. In May, Stearns and White will earn their master’s degrees in early literacy and special education respectively. After that, the Katherine Miles Durst Child Development Learning Center will get two new head teachers. They say the library is their way of saying thanks to the center, which they’ve been involved with since they were undergrads. “This place has given me so much,” says Stearns. “I wasn’t even sure I was going to college, and now here I am six years later, getting a master’s for free.” They say their only hope for the Little Free Library is that people use it. With all the books donated to the learning center, one thing’s for sure: It will never be empty. Contact: Casey Kelly, 207.581.3751

Hutchinson Center to host MSW weekend cohort info session

19 Dec 2016

An informational session on the 2017 master’s of social work weekend cohort will be held from 5–6:30 p.m. Jan. 18 at the University of Maine Hutchinson Center in Belfast. Deirdre Boylan, program coordinator of UMaine’s Master of Social Work Program, and other MSW faculty members will be on hand to answer questions. A new weekend — Friday evenings and Saturday mornings — “live” MSW cohort will begin at the Hutchinson Center with the fall 2017 semester. Applications will be reviewed starting Feb. 1. At the UMaine School of Social Work, students are prepared to become proficient and ethical social work professionals committed to social change in a variety of organizations, specializations and professional roles. Since 1991, the MSW program has been accredited by the Council on Social Work Education. For an application or additional information, contact Lynne Gamperle at 581.2389, socialwork@umit.maine.edu.

Anderson cited in Press Herald story on 200-year-old dairy farm

19 Dec 2016

The [Portland Press Herald](#) interviewed Gary Anderson, animal and bioscience specialist with the University of Maine Cooperative Extension, for a story on Hall Farms in East Dixfield. The 200-year-old farm was named 2016 Maine Dairy Farm of the Year by the New England Green Pastures Program. Anderson told the Press Herald the Hall family has “a cohesive multi-generational farm that works well together.” The Halls converted the 1,200-acre farm to an all organic dairy operation in 2002.

Yarborough, UMaine blueberry statistics cited in Ellsworth American editorial on challenges facing growers

19 Dec 2016

The [Ellsworth American](#) used crop data compiled by David Yarborough, a blueberry specialist with the University of Maine Cooperative Extension, to highlight recent revenue declines facing wild blueberry growers in Maine. According to Yarborough’s numbers, Maine’s glacial barrens and fields have yielded 100 million pounds of blueberries, on average, for the past three years. At the same time, growers have seen their earnings drop from an average of 75 cents per pound in 2013 to under 40 cents per pound in 2016.

Mainebiz cites UMaine study in report on state’s commercial dairy farms

19 Dec 2016

A [report](#) conducted by the Maine Agricultural and Forest Experiment Station at the University of Maine was mentioned in the [Mainebiz](#) article, “Maine’s dairy farmers seek ‘fair marketplace.’” According to the article, Maine dairy farmers say their industry could use help from Congress in their efforts to provide milk to customers in a fair marketplace. They made their comments at a recent roundtable hosted by 1st District Rep. Chellie Pingree, D-Maine, at the Maine Farm Bureau in Augusta,

WABI (Channel 5) reported. The discussion came as Congress prepares to reauthorize the Farm Bill for 2018, MaineBiz reported. The number of commercial dairy farms in Maine has declined considerably since 1985, when there were approximately 1,000, according to the Maine Agricultural and Forest Experiment Station report. Today, fewer than 300 dairy farms remain, the article states.

Morse says Feast of the Fishes menu items boost health of Gulf of Maine, Press Herald reports

19 Dec 2016

Dana Morse, an aquaculture specialist with the University of Maine Cooperative Extension and Maine Sea Grant, spoke with the [Portland Press Herald](#) for a story on menu possibilities for Christmas Eve's Feast of the Fishes. A Catholic tradition, the meal takes place after sundown, but before midnight, and features seafood, not meat. In the story, Morse notes that two popular Feast of the Fishes menu items, farmed mussels and oysters, "are good for Gulf of Maine marine life, as they eat phytoplankton and remove nitrogen and phosphorous from the ecosystem, thereby improving water quality for the rest of the fish in the sea."

Jones, Daniel speak with Maine Public about local sale of new potato variety

19 Dec 2016

Nory Jones and Harold Daniel, professors with the Maine Business School at the University of Maine, spoke with [Maine Public](#) for a report about getting a new potato variety on store shelves. The Caribou Russet, which was developed by the Maine Potato Board and UMaine, was unveiled more than a year ago, but has yet to be found in major grocery stores, according to the report. Jones, a professor of management information systems, said she sees the case of the Caribou Russet as a study in Maine's shifting economies. "Maine as a whole is trying to change the way producers develop and market their products, and try to create value-added in the products and change them from being commodities to being branded, value-added products," Jones said. Harold Daniel, a marketing professor, said there's also risk involved when a store trumpets that a product is special, and maybe worth a higher price tag. "And that requires a demonstrably superior consumption experience," he said. "Failing that, you can advertise all you want and you may generate a lot of trial, but you may not get the repeat purchase because if there's not a demonstrably superior product, then the cheaper product is going to win." The [Bangor Daily News](#) also carried the report.

Dean Humphrey, student quoted in Press Herald article on state's need for engineers

19 Dec 2016

The University of Maine College of Engineering was mentioned in a [Portland Press Herald](#) article about the state's rising need for engineers. According to a UMaine analysis, the Maine economy has gained more than 800 new engineering jobs in the last decade, and each engineer working in the state adds \$560,000 to Maine's gross domestic product. However, approximately 27 percent of Maine's engineering workforce is 55 or older, laying the groundwork for impending shortages, said Dana Humphrey, dean of the College of Engineering. With intense national competition for recent engineering graduates, Maine companies look primarily to the college to recruit new employees, according to the article. "If Maine thinks it can solve its shortage of engineers by bringing them in from other places, it is not going to happen," Humphrey added. "It is going to have to produce its own." Gregory Smiddy, who will graduate from UMaine in May, already has a job lined up at Pratt and Whitney in North Berwick, the article states. The job lets him work in aviation and keeps him close to his family, Smiddy said. "I really lucked out; I couldn't be happier with my position once I get out of school," he said. "To be able to stay in Maine and have a job I really like is something else, it is amazing." UMaine is the dominant source for engineering degrees in the state, the article states. Enrollment at the college has increased 74 percent since 2001. Humphrey said an incoming freshman class has 450–500 students.

NASA technology key to Boss' exploration of polar phytoplankton dynamics

19 Dec 2016

Free-floating ocean phytoplankton, often too small to be seen without a microscope, are a big deal. The tiny marine plants consume carbon dioxide and produce half of all the oxygen molecules that people and animals breathe. And, as the base of the ocean food web, they're nourishment for zooplankton, fish, seabirds and whales. To gain greater understanding of the annual cycles of these life-sustaining organisms in the Arctic and Antarctic, University of Maine oceanographer Emmanuel Boss and

colleagues from around the country utilized NASA's Cloud-Aerosol Lidar with Orthogonal Polarization (CALIOP) instrument. Lidar is an active sensor that emits a pulse of light and measures, as a function of time, the return signal due to interaction with matter along the light path. Return signals from the ocean measured by CALIOP have only recently been found to provide a good predictor of particle concentration in the upper ocean, Boss said. Return signals are similar to fields generated with passive satellite sensors, with the added advantage that measurements can be taken at night and through thin and broken clouds. With this technology, the team examined a decade of uninterrupted growth-decay cycles of polar phytoplankton biomass (microscopic algae), including when no light was available during polar winters. Boss said the project yielded several important takeaways. One is that if NASA optimizes lidar technology for ocean measurements (CALIOP was designed for atmospheric measurements), quantifying phytoplankton vertical distribution on a global scale will be possible. CALIOP's vertical resolution is 100 feet but an ocean-optimized lidar could have a vertical resolution as short as 5 feet. This could revolutionize knowledge about plankton distribution, which have strong vertically varying distribution at certain places, including near sea ice and river mouths. Second, Boss and his colleagues concluded the annual cycle of plankton biomass can be explained as a slight imbalance in herbivore-phytoplankton dynamics. High-latitude phytoplankton accumulate when their growth rate consistently improves, with maximal biomass occurring when they grow the fastest. Once their growth rate stays the same or slows, their concentrations start dropping, most likely due to predation and viruses. Third, the team learned that during the last 10 years, ice cover changes dominated the variability in Antarctic phytoplankton stocks and that ecological processes —light, nutrients and grazing — predominantly drove changes in Arctic phytoplankton stocks. The team's findings were published in the Dec. 19 online article "Annual boom-bust cycles of polar phytoplankton biomass revealed by space-based lidar" in [Nature Geoscience](#). In addition to lead author Michael J. Behrenfeld of Oregon State University and Boss, co-authors are: Robert T. O'Malley and Jennifer Schullien at OSU; Yongxiang Hu, Chris A. Hostetler, Johnathan Hair, Xiaomei Lu, Sharon Rodier and Amy Jo Scarino at NASA Langley Research Center; David A. Siegel of the University of California, Santa Barbara; and Jorge Sarmiento at Princeton University. This team also is collaborating on the five-year [North Atlantic Aerosols and Marine Ecosystem Study \(NAAMES\) NASA Venture project](#). UMaine's portion of the project's \$30 million award is \$1.5 million. During four, targeted monthlong expeditions, a lidar optimized for ocean exploration flies over a research vessel and in-water robots to study a subarctic North Atlantic phytoplankton bloom and its multiple links to atmospheric processes, such as providing a source for aerosol and cloud condensation nuclei. Contact: Beth Staples, 207.581.3777

BDN cites Mortelliti in blog post on ermine in Bangor woods

20 Dec 2016

The [Bangor Daily News](#) interviewed Alessio Mortelliti, an assistant professor in the University of Maine Department of Wildlife, Fisheries and Conservation Biology, for a post on its "Act Out with Aislinn" wilderness adventure blog. The post recounts the story of a Bangor woman, who came upon what she thought were two squirrels fighting on a recent walk in the woods with her dog. A closer look revealed that one of the animals was an elusive short-tailed weasel or ermine. "Most carnivores are just hard to see," Mortelliti told the BDN. "Even here on campus we have a fisher cat that lives here, but nobody sees him. Ermine are very aggressive. They can go for prey that is bigger than them."

King mentions forest products research during Franklin County school tour, Daily Bulldog reports

20 Dec 2016

U.S. Sen. Angus King noted cutting-edge research taking place at the University of Maine, as he addressed the future of the state's forest products industry on a tour of schools in Franklin County, the [Daily Bulldog](#) reported. As paper mills continue to struggle, King mentioned the need for the industry to branch out and embrace new products. As an example, King cited research on new ways to use wood fiber and nanocellulose, taking place at UMaine.

Palmer quoted in Press Herald article on contrast between Collins, Trump

20 Dec 2016

Kenneth Palmer, a professor emeritus of political science at the University of Maine, was quoted in the [Portland Press Herald](#) article, "Collins draws contrast with Trump on Russia, Affordable Care Act." In a conversation with the Portland Press Herald editorial board, U.S. Sen. Susan Collins spoke about topics that highlighted her disagreements with President-elect Donald Trump, according to the article. Collins drew a contrast with Trump over relations with Russia and reiterated her opposition to repealing the Affordable Care Act without a viable replacement in hand, the article states. Palmer said Maine's delegation

tends to place independence over falling in line with the views of a presidential administration, which explains why Collins is already taking positions that diverge from Trump's. "Sen. Collins is in the Maine tradition of making one's own decisions that tend to be in the center of the political spectrum," he said.

Grad student, artist featured in Yale Climate Connections

20 Dec 2016

[Yale Climate Connections](#) published an article on Jill Peltó, a graduate student in the School of Earth and Climate Sciences at the University of Maine. Peltó creates environmental artwork as a way to communicate scientific data related to climate change. Peltó grew up immersed in nature and always loved to make art, according to the article. When she began studying Earth science, she started looking for ways to unite her two passions, the article states. "I thought, I know I have to make environmental art and I have to make art that is sending a message to more people," Peltó said. "I'm trying to get people to pay attention and be informed about what's going on, but also further inspire them to take action."

Workshops being offered to prepare entrepreneurs for Top Gun program

21 Dec 2016

The University of Maine is accepting applications for the 2017 Top Gun Bangor Region Class, a program offered to the area's entrepreneurs who have aspirations to achieve high growth through innovation. To help companies applying for the Top Gun class, UMaine will host four sessions for questions and assistance with preparing a successful Top Gun application and slide deck. Office hours are scheduled for:

- 11 a.m.–1 p.m. Jan. 3 and 8–10 a.m. Jan. 9 at the UpStart Center for Entrepreneurship in Orono, 20 Godfrey Drive; and
- 11 a.m.–1 p.m. Jan. 5 and 4–6 p.m. Jan. 11 at CoVort in Bangor, 49 Main Street.

The Top Gun program is hosted and organized by UMaine in the Bangor region in partnership with the Maine Center for Entrepreneurial Development, and involves many local business sponsors, program advisers and mentors. "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 four years of Bangor area classes have been invaluable to their continued growth and development." Applications for the 2017 Top Gun Bangor Region Class are due Jan. 12. For more information on the workshops, contact Kelly at rwkelly@maine.edu. More about the Top Gun application is [online](#).

UMaine Composites Center awarded funds from MTI to establish consortium, lab

21 Dec 2016

The Maine Technology Institute (MTI) has announced the University of Maine Advanced Structures and Composites Center will receive one of four new awards for collaborative projects that boost Maine's high-potential, technology-enabled clusters. Under MTI's Cluster Initiative Program (CIP), the UMaine Composites Center was awarded \$438,046 to establish a Smart Materials Industry Consortium and Smart Materials Lab in Orono. CIP awards support the success and growth of Maine businesses by funding joint work of companies, service providers, research laboratories and educational institutions, and by expanding the infrastructure that helps them thrive. This round of CIP awards leveraged \$1,415,197 in private sector matching contributions to the projects. CIP awards were issued for projects supporting Maine's Agriculture, Aquaculture, Fisheries and Food Production cluster and Maine's Composites and Advanced Materials cluster. Other award recipients were the Maine Grain Alliance of Skowhegan; FocusMaine, in partnership with Gulf of Maine Research Institute and the Maine Aquaculture Association; and the Midcoast Regional Redevelopment Authority of Brunswick. The full MTI news release is [online](#).

2017 Dr. Martin Luther King Jr. Breakfast Celebration to be held Jan. 16

21 Dec 2016

The 2017 Dr. Martin Luther King Jr. Breakfast Celebration co-sponsored by the Greater Bangor NAACP and the University of Maine Division of Student Life will be held Jan. 16 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 and a peace writing prize recognition. Danielle M. Conway,

dean of the University of Maine School of Law, will deliver the keynote address. Tickets are \$20; \$15 for children ages 12 and under; and free for undergraduate students with a valid MaineCard. Table sponsorships for organizations are available for \$200 through Jan. 13. Registration is required and can be completed [online](#). For more information or to request a disability accommodation, contact Silvestre Guzman at silvestre.guzman@maine.edu or 581.1437.

Silka writes BDN op-ed about constant change

21 Dec 2016

Linda Silka, a senior fellow at the Senator George J. Mitchell Center for Sustainability Solutions at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled, “Change is a constant. Here’s what we should all know about it.” Silka is a social and community psychologist. She 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.

Kaye quoted in BDN article on quality of life for older Mainers

21 Dec 2016

Lenard Kaye, director of the University of Maine Center on Aging and professor in the UMaine School of Social Work, spoke with the [Bangor Daily News](#) for the article, “Older Mainers thriving despite low levels of personal satisfaction, study shows.” A recent survey developed by Gallup and Healthways ranks Maine 20th in the nation in the overall well-being of its older residents, up from 33rd in last year’s report, according to the article. But Maine falls short in some areas, including seniors’ sense of purpose and personal satisfaction in life, according to the “2015 State Well-being Rankings for Older Americans,” which was one of six studies included in the annual “State of American Well-Being” report. Kaye said the report raises concerns about older Mainers’ social and emotional health. “Our low scores on the purpose and social dimensions suggest that too many older Mainers may be grappling with a real sense of social and psychological disequilibrium,” he said. Especially in rural areas, older Mainers may be shut off from the stimulation of daily activities and from opportunities for meaningful social and civic interactions, he added. “It suggests that the risk of social isolation remains a perplexing and unresolved problem for older adults living in small towns and rural communities,” Kaye said.

Practice facilitation skills at UMaine Extension, Maine Sea Grant workshop

22 Dec 2016

A five-session workshop centered on strengthening facilitation skills and running dynamic, effective meetings begins Feb. 1 at University of Maine Cooperative Extension, 75 Clearwater Drive, Suite 104, Falmouth. The 1–5 p.m. workshop sponsored by UMaine Extension and Maine Sea Grant features experiential learning, including practicing facilitation skills and receiving feedback in a safe environment. Instructor Kristen Grant has 20 years of experience creating programs that build individual skills, confidence and group capacities. “Strengthening Your Facilitation Skills, Level 1” sessions continue Feb. 15; March 1, 15 and 29. Snow dates are April 12 and 26. The \$125 fee covers instruction, a resource notebook and refreshments. Enrollment is limited to 15. [Online](#) registration is required by Jan. 18. To request a disability accommodation, call 324.2814. For more information, contact Grant at 646.1555, ext. 115 or kngrant@maine.edu.

Overnight UMaine visit awakens ninth-graders’ interest in college, Sun Journal reports

22 Dec 2016

Forty-five freshmen from Telstar Regional High School in Bethel spent a night at the University of Maine earlier this month, and the [Sun Journal](#) reports the visit is inspiring some students to give serious thought to their academic future. While on campus, the students ate at the Hilltop Dining facility and visited the Emera Astronomy Center, Advanced Structures and Composites Center, Innovative Media Research and Commercialization (IMRC) Center and Foster Center for Student Innovation. They also met with an admissions counselor, who told them that doing well in high school will allow them to get more financial aid to attend UMaine. “It was most memorable for me to talk to the admissions counselor,” Katherine Haley told the Sun Journal. “I was afraid I might not be able to go to college, so it’s good to know it’s going to be easier than I thought to get scholarships.”

Newcastle arts center, UMaine Extension awarded NEA grant, Boothbay Register reports

22 Dec 2016

[Boothbay Register](#) reported Watershed Center for the Ceramic Arts in Newcastle has been awarded a \$35,000 grant from the National Endowment for the Arts. The Art Works: Creativity Connects grant was awarded to support a series of public programs in collaboration with the University of Maine Cooperative Extension, according to the article. The programs will bring ceramic art masters, scientists, writers and others working in natural resource-based industries in Maine together to examine intersections between art and contemporary environmental issues, the article states.

Media report on MTI funds awarded to UMaine Composites Center

22 Dec 2016

[Mainebiz](#) and [Morning Sentinel](#) reported on the Maine Technology Institute's four new awards from its Cluster Initiative Program. The grants, totaling \$1.2 million, were awarded to collaborative projects that boost Maine's high-potential, technology-enabled clusters — the Agriculture, Aquaculture, Fisheries and Food Production cluster and Maine's Composites and Advanced Materials cluster. The awards leveraged \$1.42 million in private sector matching contributions to the projects, according to the reports. The University of Maine Composites Center was awarded \$438,046 to establish a Smart Materials Industry Consortium and Smart Materials Lab in Orono. Other award recipients were the Maine Grain Alliance of Skowhegan; FocusMaine, in partnership with Gulf of Maine Research Institute and the Maine Aquaculture Association; and the Midcoast Regional Redevelopment Authority of Brunswick.

UMaine Extension names new sustainable agriculture professor for Aroostook County

23 Dec 2016

Sukhwinder Bali has been appointed University of Maine Cooperative Extension assistant professor and University of Maine at Presque Isle (UMPI) assistant professor of sustainable agriculture. Bali earned a master's degree in soil science with a minor in botany from Punjab Agricultural University. She recently completed a second master's degree in natural resource management from North Dakota State University. Bali has lived in Maine since September 2015. Based in the Aroostook County Extension office, Bali will join a team of Extension and University of Maine at Presque Isle staff and will provide classroom instruction at UMPI. She will develop and conduct educational outreach and applied research with an emphasis on Aroostook County, work with other faculty to offer off-campus programs addressing the educational needs of commercial agriculture and teach academic courses in the UMPI sustainable agriculture concentration. UMaine Extension also has hired Colt Knight as the new Extension livestock educator. Knight grew up in West Virginia and has a background in livestock production and management. He received his Ph.D. from the University of Arizona where he researched grazing patterns of cattle using precision agriculture technologies. With UMaine Extension, his focus will be on developing and conducting educational programs and applied research projects statewide with an emphasis on livestock enterprises, animal health and nutrition, meat science, small-farm management and sustainable farming practices. Knight will begin at UMaine in Orono on Jan. 9. More about the Extension livestock program is available [online](#) or by calling 581.3188.

Master Gardener Volunteers served 35,000 hours for educational, food security projects in 2016

23 Dec 2016

University of Maine Cooperative Extension is celebrating the 952 Master Gardener Volunteers who, combined, gave more than 35,000 hours of their time to a variety of educational and food security projects in 2016. The team supported 80 community gardens, 86 school gardens, 103 demonstration gardens and 56 programs involving 1,579 youth in horticulture activities this year. Those involved with food security projects distributed 257,426 pounds of food to 142 food distribution agencies and countless neighbors in need as part of the Maine Harvest for Hunger program. The Master Gardener Volunteers program provides participants with a minimum of 40 hours of in-depth training in the art and science of horticulture. Trainees receive current, research-based information from UMaine Extension educators and industry experts, and are connected with service projects that match their interests, skill set and availability. All gardeners are encouraged to join the Master Gardener Volunteers team. Several counties are now accepting applications for local training programs starting this winter with application deadlines as early as Jan. 4. For more information or to request a disability accommodation, call 800.287.0274 or visit the UMaine Extension [website](#).

Nautilus cites UMaine for role in advancing research on fungus harmful to amphibians

23 Dec 2016

The online science magazine [Nautilus](#) cites the role played by Joyce Longcore and Joan Brooks at the University of Maine in advancing research on chytrid, a fungus that is the biggest threat to the world's montane amphibian populations. In 1984, Brooks, who earned undergraduate and graduate degrees in peat engineering and science at UMaine, was researching interactions between fungi and bacteria in peat bogs, as part of a National Science Foundation grant. Brooks needed help and reached out to Longcore, a former University of Michigan fungi researcher, who had left academia to raise a family. The story recounts how Longcore began collecting chytrids, examining them and publishing the results of her research. Later, when poison blue dart frogs began dying mysteriously at the National Zoo in Washington, the zoo's pathologists came across Longcore's research. Working together, the scientists determined that chytrid fungus was causing a disease that was responsible for killing the frogs. Other researchers soon linked the disease to massive die-offs of amphibians in Costa Rica, Australia and the Western United States. Longcore is a research professor in UMaine's School of Biology and Ecology.

VillageSoup advances Ellis' winter poetry workshop in Rockland

23 Dec 2016

[VillageSoup](#) reported Kathleen Ellis, who teaches English in the Honors College at the University of Maine, will lead a poetry workshop at the Farnsworth Art Museum in Rockland. The Triggering New Poems workshop is set from 10 a.m. to 1 p.m. March 13–17 at the downtown museum. Participants will expand their range of poetry writing styles and explore new strategies for re-energizing their work, according to the article. Using models of contemporary poets, as well as current exhibits at the Farnsworth, participants will jump-start new poems based on what they see, read and imagine, the article states. Poets and visual artists of all levels are welcome.

UMaine Extension welcomes new livestock specialist, Farming reports

23 Dec 2016

Farming Magazine reported the University of Maine Cooperative Extension has hired Colt Knight as the new Extension livestock educator. Knight grew up in West Virginia and has a background in livestock production and management. He received his doctorate from the University of Arizona where he researched grazing patterns of cattle using precision agriculture technologies, according to the report. The [Kennebec Journal](#), Morning Ag Clips and [Morning Sentinel](#) also ran the announcement.

Educational leadership student named WLBZ Inspiring Educator

23 Dec 2016

[WLBZ](#) (Channel 2) recently featured Mallory Cook, a master's student in educational leadership at the University of Maine, in its regular series on "Inspiring Educators." Cook is a ninth- and 10th-grade English teacher at Hermon High School, where she also advises the Key Club. She is scheduled to complete her master's degree in educational leadership in the summer of 2017. In the video, Cook said teaching is her passion. "As teachers we put so much work into what we do every day, so much happens behind the scenes, and so to be recognized for that is an amazing feeling," she said.

CBS News interviews Mayewski on rising North Pole temperatures

23 Dec 2016

[CBS News](#) spoke with Paul Mayewski, director of the University of Maine's Climate Change Institute, about the recent rise in temperatures at the North Pole. The Arctic has seen warmer temperatures, lower levels of sea ice and more open water in recent years. "High up into the Arctic and close to the North Pole, the temperatures are very, very possibly above freezing," Mayewski told CBS News Wednesday, calling current temperatures in the Arctic "remarkable."

VillageSoup announces MSW info session at Hutchinson Center

27 Dec 2016

[VillageSoup](#) advanced a Jan. 18 informational session about a Master's of Social Work Weekend Cohort at the University of Maine Hutchinson Center in Belfast. The new MSW weekend cohort is slated for fall 2017 in Belfast; applications will be reviewed starting Feb. 1.

AP rates warming ocean top 10 Maine story of 2016

27 Dec 2016

The Associated Press ranked a story that stemmed from University of Maine research — that baby lobsters might not be able to survive in the ocean's warming waters — as the No. 10 story this year in Maine. WABI (Channel 5) and [The Washington Times](#) carried the AP's top 10 list. University of Maine Darling Marine Center scientists, including then-graduate student Jessica Waller and research professor Rick Wahle, conducted the research with scientists at Bigelow Laboratory for Ocean Sciences.

Bali's appointment reported in Morning Ag Clips

28 Dec 2016

Sukhwinder Bali's appointment as University of Maine Cooperative Extension assistant professor and University of Maine at Presque Isle assistant professor of sustainable agriculture was reported in Morning Ag Clips. She'll develop and conduct educational outreach and applied research with an emphasis on Aroostook County; offer off-campus programs addressing educational needs of commercial agriculture; and teach academic courses in the UMPI sustainable agriculture concentration, according to the release.

BDN runs release about Master Gardener volunteer contributions

28 Dec 2016

The Bangor Daily News posted a University of Maine Cooperative Extension release about its 952 Master Gardener Volunteers providing more than 35,000 hours for 2016 educational, food security projects. Volunteers supported 80 community gardens, 86 school gardens, 103 demonstration gardens and 56 programs involving 1,579 youth in horticulture activities. People participating in food security projects distributed 257,426 pounds of food to 142 agencies and numerous neighbors as part of the Maine Harvest for Hunger program, according to the release. For those interested in joining the team, several counties are accepting applications for winter training programs. To learn more, visit extension.umaine.edu/gardening/master-gardeners or call 800.287.0274.

Reading Eagle cites UMaine research in National Chocolate Day column

28 Dec 2016

The [Reading Eagle](#) in Reading, Pennsylvania mentioned the University of Maine in a column that encouraged readers to indulge their sweet tooth Dec. 28, National Chocolate Day. The columnist cited a [UMaine study](#) that found more frequent chocolate consumption was associated with increased cognitive function.

Pelto's glacier painting graces cover of MaineBiz

28 Dec 2016

Jill Pelto's watercolor "Decline in Glacier Mass Balance" is the cover art for the [MaineBiz 2017 Book of Lists](#), published Dec. 26. Pelto is a graduate student in the School of Earth and Climate Sciences at the University of Maine, where she graduated in December 2015 with bachelor degrees in studio art and Earth science. With her art, Pelto seeks to raise awareness about environmental concerns and inspire people to act. In this year's MaineBiz publication, UMaine was listed as the state's largest college/university with an undergraduate enrollment of 9,323. On the entertainment and sporting venues list, UMaine facilities ranked No. 13 and No. 14 in attendance. The Harold Alfond Sports Arena was No. 13 (85,000 in attendance in 2015) and the Collins Center for the Arts ranked No. 14 (73,000 in attendance in 2015).

Mayewski quoted in CBS News climate transformation article

28 Dec 2016

A [CBS News](#) 2016 review piece about the warming of the planet, including the dramatic transformation in the Arctic, quoted the director of the University of Maine Climate Change Institute “For the people in the Arctic, no one has to tell them an abrupt climate change has hit,” Paul Mayewski said in a recent interview [CBS News](#). In 2016, the Arctic has had significantly warmer temperatures, much lower levels of sea ice and more open water.

Retired history professor Janet TeBrake passes away

29 Dec 2016

Janet (Kahrer) TeBrake, a longtime professor in the History Department, died after a brief illness Dec. 26 at a Bangor hospital. She was 69. TeBrake earned a Ph.D. in modern Irish and British history at UMaine. And from 1991 until her retirement in 2013, she was a faculty member at the university. TeBrake, formerly of New Castle, Pennsylvania, taught the Western civilization sequence as well as courses in Irish, British, 19th-century European and women’s history. She also was a dedicated undergraduate adviser. TeBrake is survived by her husband, William TeBrake, professor emeritus. A remembrance and celebration of her life will take place at a later date. Donations in her memory may be made to the Bangor Humane Society, 693 Mt. Hope Ave., Bangor, ME 04401, or the New Castle Public Library, 207 East North St., New Castle, PA 16101. Messages and memories may be shared at [kileyandfoley.com](#).

Astronomy center director Shawn Laatsch profiled in BDN

29 Dec 2016

The [Bangor Daily News](#) penned a feature on Shawn Laatsch, director of the Emera Maine Astronomy Center and Jordan Planetarium. In January, Laatsch will become president of the International Planetarium Society, a coalition of planetarium directors, educators and employees with more than 700 members from 35 nations. As president, he’ll deliver lectures in Italy and Japan. In 2017, the Emera Maine Astronomy Center will continue its popular monthly science lecture series as well as partner with the Maine Discovery Museum, the Challenger Learning Center, the Bangor Public Library and the Maine Mineral and Gem Museum for offerings, according to the article.

WGME cites Margaret Chase Smith Policy Center study

29 Dec 2016

Research by the Margaret Chase Smith Policy Center at the University of Maine was cited in a [WGME](#) story about five drug overdoses, one of which was fatal, in a four-span Tuesday, Dec. 27 in Presque Isle. WGME reported that a county-by-county analysis through 2014 by the Margaret Chase Smith Policy Center indicated Aroostook County had the lowest rate of drug-related deaths per capita of any county Maine.

Social groups key to preserving natural resources

29 Dec 2016

Cooperation may be the key to successful sustainability, says Timothy Waring, an associate professor in the School of Economics and the Senator George J. Mitchell Center for Sustainability Solutions. Waring is working toward a ‘theory of sustainability’ and is seeking to discover what makes sustainability possible. He’s asking the question: when, and how, do sustainable resource strategies and the institutions that support them emerge? To address this question, Waring and a team of researchers from the National Institute for Mathematical and Biological Synthesis (NIMBioS), developed a mathematical model to understand how societies with different social structures and institutions manage natural resources to identify the key factors of successful resource management. They found that cooperation within social groups might hold the answers. “We found that sustainable use of resources emerged more when societies were broken up into multiple groups, like states in the United States, or countries in Europe,” says Waring. The model suggests that societies made up of smaller social groups are better at managing resources because each group has the ability to learn from the successes and failures of other groups. Favorable behaviors and strategies survive and can spread among groups, says Waring. “Cooperation is easier in small groups, easier with familiar people, and with similar people. And cooperation is more durable when it is supported by social and institutional factors as well,” says Waring. This research was recently published in the journal Ecological Economics. Waring

is currently working with other researchers at the University of Maine to test the new theory by looking at some of Maine's most iconic natural resources — lobsters and blueberries — and the social groups that surround them. Read more about Waring's research on the George J. Mitchell Center for Sustainability [website](#). Contact: Walter Beckwith, 581.3729

Retired home economics professor Barbara Csavinszky passes away

30 Dec 2016

Barbara F. (Fraser) Csavinszky, longtime associate professor of home economics and health education at the University of Maine until her 1995 retirement, died Dec. 25 at a Bangor hospital. She was 82. Csavinszky earned her M.Ed. at UMaine. Her husband, former UMaine physics professor Peter J. Csavinszky, died in 1995. Contributions in her memory may be given to the Old Town Museum, P.O. Box 375, Old Town, ME 04468. A Mass of Christian burial will be celebrated at a date and time to be announced in January at the Resurrection of the Lord, Holy Family Parish, 429 Main St., Old Town. Condolences may be expressed at BrookingsSmith.com The complete obituary is [online](#).

Alaska Dispatch uses Climate Reanalyzer map

30 Dec 2016

[Alaska Dispatch News](#) posted a map from the Climate Change Institute's Climate Reanalyzer [website](#) in an article about a deep freeze predicted to descend on North America, Europe and Asia due to record-high temperatures across the Arctic. "Think of it like a seesaw," said Matt Rogers, president of Commodity Weather Group in Bethesda, Maryland. When winter temperatures rise north of Alaska, Rogers said that "forces an equal-opposite downward-southward push. The cold essentially has to go somewhere else."

UPI reports on Waring's theory of sustainability

30 Dec 2016

[United Press International](#) wrote about University of Maine economist Timothy Waring's work to develop a theory of sustainability, including which combination of sociopolitical factors and institutions are most likely to encourage sustainable resource management. Cooperation within social groups may be key, Waring says. "We found that sustainable use of resources emerged more when societies were broken up into multiple groups, like states in the United States, or countries in Europe," said the associate professor in the School of Economics and the Senator George J. Mitchell Center for Sustainability Solutions.

UMaine News Press Releases from Word Press XML export 2016

Research and Graduate Education Snapshot

02 Dec 2016

The University of Maine, founded in Orono in 1865, is the state's only public research university. It celebrated its 150th anniversary in 2015. UMaine is among the most comprehensive higher education institutions in the Northeast and attracts students from Maine and 49 other states, and 63 countries. It currently enrolls 11,219 total undergraduate and graduate students who can directly participate in groundbreaking research working with world-class scholars. The University of Maine offers 30 doctoral degrees and 80 master's degrees; more than 90 undergraduate majors and academic programs; and one of the oldest and most prestigious honors programs in the U.S. The university promotes environmental stewardship, with substantial efforts campuswide aimed at conserving energy, recycling and adhering to green building standards in new construction. <https://umaine.edu/umaine-research-graduate-education-snapshot/>

UMaine employees, students being contacted regarding recent phishing attack

23 Dec 2016

The University of Maine is offering support and identity theft monitoring to 86 employees and students identified as victims of a phishing attack. Information is [online](#).

UMaine News Press Releases from Word Press XML export 2016

Maggie Halfman

04 Jan 2016

Hypersonic inflatable aerodynamic decelerator (HIAD) testing at the Advanced Structures and Composites Center

09 Nov 2016

research-featured-image

09 Nov 2016

MLK Plaza quote

05 Jan 2016

Hanna Anderson

06 Jan 2016

thin.red.line.portrait

07 Jan 2016

Maine Harvest for Hunger News feature

07 Jan 2016

Summer University

08 Jan 2016

Peru

08 Jan 2016

Astonishing

08 Jan 2016

MSYM feature

12 Jan 2016

Ben Brown

20 Jan 2016

Allyson Eslin

21 Jan 2016

U.S. flag

21 Jan 2016

Lodge

21 Jan 2016

Downton Bangor

21 Jan 2016

Casey Nava

25 Jan 2016

Potato research

26 Jan 2016

Deep Roots/Old Strength, 2005

27 Jan 2016

Kevin Conroy

28 Jan 2016

Jennifer Moxley books

29 Jan 2016

DNA Honors

29 Jan 2016

Alaska News feature

29 Jan 2016

Cross Laminated Timber

29 Jan 2016

Sky Heller

04 Feb 2016

Adam Barker-Hoyt

04 Feb 2016

Ewa Kleczyk

04 Feb 2016

Aaron Putnam News feature

05 Feb 2016

Health Information

05 Feb 2016

Urinetown News feature

09 Feb 2016

Mandela Fellows News feature

09 Feb 2016

MandelaWF_logo_vertical

10 Feb 2016

Katie Keaton News feature

10 Feb 2016

MBS news feature

12 Feb 2016

Stephen King

16 Feb 2016

Katie Keaton

22 Feb 2016

Writing Center News feature

22 Feb 2016

Travis Blackmer

22 Feb 2016

Lobster larva

24 Feb 2016

Historical Atlas of Maine

24 Feb 2016

Atlantic Salmon

26 Feb 2016

Learning Research

29 Feb 2016

University Singers News feature

29 Feb 2016

Emera Astronomy Center

04 Mar 2016

Good idea

04 Mar 2016

Women's basketball tournament win

07 Mar 2016

Sherlock Holmes

08 Mar 2016

Winston Smiddy News feature

08 Mar 2016

Sara Disselkamp

08 Mar 2016

Arial view of the University of Maine Campus

08 Mar 2016

Skylar Bayer

09 Mar 2016

Sculpture

09 Mar 2016

Simone Dinnerstein

10 Mar 2016

Larval spruce budworm

10 Mar 2016

Carrying Bricks in Lijiang small

11 Mar 2016

Maine Focus

14 Mar 2016

BBall News feature

15 Mar 2016

Steven Hall

15 Mar 2016

Commencement

15 Mar 2016

Don Oakes

16 Mar 2016

CentennialMarkwithMedal_small

16 Mar 2016

ADVANCE Rising Tide

17 Mar 2016

Shibles Hall

17 Mar 2016

Mall during fall

17 Mar 2016

Popovich2

21 Mar 2016

Honorary Degrees 2016

21 Mar 2016

Stevens Hall

23 Mar 2016

Pamela White

23 Mar 2016

Education feature

23 Mar 2016

Pamela White

23 Mar 2016

Leonard Minsky

23 Mar 2016

Mnozil Brass

28 Mar 2016

Barbed wire

28 Mar 2016

Liz Wood

28 Mar 2016

Jennifer Moxley

29 Mar 2016

Brian Robinson

29 Mar 2016

Jessica Miller

29 Mar 2016

Textbook Alternative Program

29 Mar 2016

Annabelle Wilson

30 Mar 2016

Maine coast

31 Mar 2016

The Poets and the Assassin News feature

01 Apr 2016

Putnam Glacier News feature

05 Apr 2016

Val and Sal News feature

05 Apr 2016

Nick_Fried

05 Apr 2016

Connor_Smart

05 Apr 2016

Distinguished Maine Professor Award medal

06 Apr 2016

Buchahan Alumni House floor News feature

06 Apr 2016

Humanities flag

08 Apr 2016

International Trade Fair News feature

14 Apr 2016

Leak detection News feature

14 Apr 2016

Wireless sensor

14 Apr 2016

Caroline Noblet

15 Apr 2016

Greg Porter

15 Apr 2016

Aaron Weiskittel

15 Apr 2016

President Hunter AMW

18 Apr 2016

Connor_Smart-317x475

19 Apr 2016

Connor Smart

19 Apr 2016

Nicholas Fried

19 Apr 2016

Morgenstern Trio

19 Apr 2016

Student Research Symposium

19 Apr 2016

Thomas Hill Standpipe

20 Apr 2016

Mikaela Gustafsson

21 Apr 2016

Kathleen Hill

21 Apr 2016

Jade McGuire

21 Apr 2016

Yi Peng

21 Apr 2016

Dominika Trzilova

21 Apr 2016

Nipun Vaidya

21 Apr 2016

Annabelle Wilson

21 Apr 2016

Liz Wood

21 Apr 2016

Ahmed Almaghaasilah

21 Apr 2016

Outstanding graduating students

21 Apr 2016

Ahmed Almaghaasilah

22 Apr 2016

Mikaela Gustafsson

22 Apr 2016

Dominika Trzilova

22 Apr 2016

Kathleen Hill

22 Apr 2016

Nipun Vaidya

22 Apr 2016

Yi Peng

22 Apr 2016

Hilary Warner-Evans

22 Apr 2016

Hilary Warner-Evans

22 Apr 2016

edithpatchawardees2016

26 Apr 2016

Spawning run news feature

27 Apr 2016

14643410769_dc1698eb5e_o

27 Apr 2016

Mussels News feature

27 Apr 2016

HIAD News feature

27 Apr 2016

Andy Young

27 Apr 2016

Concussion News feature

27 Apr 2016

Flame of Inspiration

27 Apr 2016

Maine Day of Giving news feature

28 Apr 2016

Maine Day of Giving news feature

29 Apr 2016

copepod News feature

29 Apr 2016

Presidential awards News feature

02 May 2016

Commencement News feature

02 May 2016

Howard Gray portrait

03 May 2016

Amy Fried portrait

03 May 2016

Neil Pettigrew portrait

03 May 2016

Flagship match News feature

04 May 2016

Melissa Jankowski

05 May 2016

Rhian Waller News feature

05 May 2016

Presidential Impact Award Winner News feature

06 May 2016

Padme and students

09 May 2016

Softball News feature

11 May 2016

Fisherman News feature

11 May 2016

Saltmarsh Sparrow News feature

13 May 2016

Commencement enews

14 May 2016

Commencement News feature

14 May 2016

Softball NCAA Tourney News feature

16 May 2016

Deer ticks News feature

19 May 2016

Lord Hall News feature

20 May 2016

Stoneheart Farm news feature

20 May 2016

Commencement website update News feature

20 May 2016

President Hunter News feature

26 May 2016

Sen Collins News feature

26 May 2016

Nickerson Scholarship News feature

26 May 2016

VoltturnUS

27 May 2016

Inilchek Glacier

31 May 2016

Basket

31 May 2016

VEMI Lab open house News feature

03 Jun 2016

Warm winter News feature

03 Jun 2016

Atlas News feature

06 Jun 2016

Swans Island News feature

06 Jun 2016

Sea Links News feature

06 Jun 2016

Basket News feature

09 Jun 2016

Mandela Fellows News feature

14 Jun 2016

SEAFellows

15 Jun 2016

NSF Fellows News feature

17 Jun 2016

SMART News feature

17 Jun 2016

Chen Lab News feature

20 Jun 2016

Kimberley Rain Miner News feature

22 Jun 2016

Stewart Student NEW MaineCard

22 Jun 2016

Mandela community events News feature

24 Jun 2016

Molecule News feature

28 Jun 2016

Antarctica Pollution News feature

29 Jun 2016

Japan News feature

01 Jul 2016

Chantel Banus News feature

05 Jul 2016

Mongolia News feature low resolution

07 Jul 2016

Warhol News feature

13 Jul 2016

Student portraits

13 Jul 2016

Warhol self-portrait

13 Jul 2016

Phong Nguyen News feature

13 Jul 2016

Noelle Leon News feature

18 Jul 2016

Forestry 1 News feature

29 Jul 2016

DMC

01 Aug 2016

Bridge testing

01 Aug 2016

SEANET buoy

04 Aug 2016

Berlynnna Heres

05 Aug 2016

TransformerTales

08 Aug 2016

Phytoplankton News feature

09 Aug 2016

Folklife Center News feature

09 Aug 2016

Sargent Lake News feature

09 Aug 2016

Interns News feature

09 Aug 2016

Samuel Belknap News feature

15 Aug 2016

Fisheries News feature

19 Aug 2016

BAXTER COVER front cover FINAL

23 Aug 2016

Fishing Communities News feature

23 Aug 2016

Day of Service News feature

24 Aug 2016

Skylar Bayer news feature

24 Aug 2016

Jill Pelto News feature

24 Aug 2016

Alexandra Barzin News feature

24 Aug 2016

Maine Hello News feature

26 Aug 2016

Michael Lewis news feature

30 Aug 2016

Mandela News feature

31 Aug 2016

Educational Leadership News feature

31 Aug 2016

Collins Center for the Arts

01 Sep 2016

Savanah Haines

02 Sep 2016

Chemistry student

06 Sep 2016

Hunger Dialogue

07 Sep 2016

Lu Wang

08 Sep 2016

President Hunter News feature

12 Sep 2016

President Hunter feature

12 Sep 2016

STEM award News feature

12 Sep 2016

Cary James

13 Sep 2016

Katherine Allen News feature

13 Sep 2016

Olivia Conrad

19 Sep 2016

ResourcefulME News feature

19 Sep 2016

Lobster larvae News feature

21 Sep 2016

Discostella stelligera

26 Sep 2016

colin-bosma

29 Sep 2016

kimberly-miner

29 Sep 2016

Andrew Newcomb

03 Oct 2016

Mussels CA News feature

04 Oct 2016

King Book News feature

04 Oct 2016

Ice age trail News feature

04 Oct 2016

Maine-Arctic Forum news feature

06 Oct 2016

Zikomo Barr

11 Oct 2016

Mitchell Lecture News feature

13 Oct 2016

Bromley News feature

14 Oct 2016

Vernal Pools News feature

19 Oct 2016

Margaret Chase Smith Lecture News feature

19 Oct 2016

Marine Sciences Club News feature

19 Oct 2016

Arctic Basin Climate Map

21 Oct 2016

Climate map

21 Oct 2016

Climate graph

21 Oct 2016

Samuel Borer

24 Oct 2016

Basetrack Live News feature

25 Oct 2016

Wood Bones

25 Oct 2016

DeepCLiDAR

26 Oct 2016

Will Rogan

28 Oct 2016

New Balance Field House M

31 Oct 2016

Norway spruce boards

01 Nov 2016

UMaine's Darling Marine Center

01 Nov 2016

Mike Daisey

04 Nov 2016

American flag and UMaine flag

04 Nov 2016

Press passes News feature

07 Nov 2016

Kelp forest

15 Nov 2016

lightening-talks-news-feature

16 Nov 2016

holiday-giving-news-feature

18 Nov 2016

icebergs-news-feature

21 Nov 2016

writing-center-news-feature

21 Nov 2016

moot-court-news-feature

21 Nov 2016

aaas-fellow-news-feature

21 Nov 2016

cassie-vallaincourt-2x3-web

28 Nov 2016

nasa-news-feature

28 Nov 2016

pedal-punk-news-feature

30 Nov 2016

baskets-news-feature

30 Nov 2016

Weddell seal

02 Dec 2016

christmas-carol-news-feature

05 Dec 2016

canadian-parliament-news-feature

06 Dec 2016

parliament

06 Dec 2016

chocolate-diabetes-news-feature

06 Dec 2016

oldglory

13 Dec 2016

little-free-library-news-feature

16 Dec 2016

Phytoplankton

19 Dec 2016

phytoplankton-news-feature

27 Dec 2016

blueberry-field-news-feature

29 Dec 2016