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UMaine News Press Releases from Word Press XML export 2018

Social media spotlight: Caleb Ardoin

02 Mar 2018

Hometown: Mire, Louisiana He was a combat medic in the Army's 82nd Airborne Division; now he studies botany. My father and grandfather both served in the military and spent a lot of time gardening after their service. I tried different things after the military, but somehow ended up in botany. It's peaceful. I guess it's a family tradition. I enjoy growing vegetables for cooking and tulips and lilies for decoration. I'm a descendant of the Acadians exiled in the 1750s, so I've always been interested in this region of the world. UMaine's location sold me. I get to study at a great school and explore the old Acadian stomping grounds. See posts featuring Ardoin on UMaine's [Facebook](#) and [Instagram](#) pages.

New nuclear magnetic resonance spectrometer to benefit research and education in Maine

25 Sep 2018

To enhance research and education in Maine, the University of Maine Department of Chemistry is acquiring a state-of-the-art, 500 MHz nuclear magnetic resonance (NMR) spectrometer with a more than \$535,000 grant from the National Science Foundation's Major Research Instrumentation and Chemistry Research Instrumentation programs. Leading the project is UMaine assistant professor of chemistry Matthew Brichacek, with Department of Chemistry colleagues Alice Bruce and William Gramlich; Thomas Schwartz of the Department of Chemical and Biomedical Engineering; and Husson University professor Karl Bishop. The NMR spectrometer is one of the most powerful tools available for chemists to study the structure of molecules, according to the researchers. It is considered particularly important in the identification of unknown substances, characterization of atoms in molecules, and molecular interactions in solutions or solids. The technology facilitates research in a variety of fields, including those involving chemical reactions. At UMaine, the spectrometer is expected to be used in a wide range of research initiatives, including exploration of the metabolism of blue mussels; the characterization of glycans — a family of carbohydrates implicated in disorders that include inflammation, pathogen infection and cancer; and in biofuel and biomass studies. In addition, having a spectrometer of this field strength impacts educators and scientists at institutions throughout Maine, the researchers noted in their proposal. Those community partners are expected to range from biomedical research institutes, such as Mount Desert Island Biological Laboratory, the Jackson Laboratory and Maine Medical Center Research Institute to local high schools, such as Bangor High School and colleges such as Husson University, Eastern Maine Community College, and Kennebec County Community College, as well as industries such as Sappi North America, noted the research team.

UMaine News Press Releases from Word Press XML export 2018

January, February CCA performances to include Yamato Drummers, child prodigy, piano trio

02 Jan 2018

The Collins Center for the Arts at the University of Maine is offering a variety of performances throughout the 2017–18 season. The Yamato Drummers will perform at 7 p.m. Thursday, Jan. 18. From Japan's Nara Prefecture, the group delivers an original creative performance using the wadaiko (Japanese drum). Child prodigy Joey Alexander will perform at 7 p.m. Thursday, Jan. 25. A jazz pianist from Indonesia, he taught himself to play at age 6, released his first album at age 11, and in 2013 won the Grand Prix at the 2013 Master-Jam Fest. The Vienna Piano Trio, an ensemble including piano, violin and cello, will perform at 3 p.m. Sunday, Feb. 18 in Minsky Recital Hall. The concert is a selection in the John I. and Elizabeth E. Patches Chamber Music Series. A reception for patrons and artists will follow. For more details, a complete season schedule, and to purchase tickets, visit the CCA [website](#).

Intermedia MFA program accepting applications, VillageSoup reports

02 Jan 2018

[VillageSoup](#) and [The Republican Journal](#) reported the University of Maine's Intermedia MFA program has opened applications for the 2018–19 academic year. The Master of Fine Arts in Intermedia program provides substantial advanced study for individuals interested in interdisciplinary study in the arts. The program emphasizes intensive development of students' creative and innovative abilities through a diverse engagement with multiple research processes, critical thinking skills and creative production tools and technologies, according to the article. Each year, the program accepts eight to 12 students. More information about the program, including how to apply, is [online](#).

BDN publishes op-ed on white privilege by UMaine student

02 Jan 2018

University of Maine student Jules Hathaway wrote an opinion piece for the [Bangor Daily News](#) titled, "I am not 'white,' but I am surrounded by white privilege." Hathaway of Veazie is a writer, community activist and mother of three.

Cosgrove named Colby College football head coach, media report

02 Jan 2018

The Associated Press, [Bangor Daily News](#), [Morning Sentinel/Kennebec Journal](#), [Sun Journal](#), WVII (Channel 7) and [Journal Tribune](#) reported Jack Cosgrove, the University of Maine's all-time winningest football coach, will become the head football coach at Colby College in Waterville. Cosgrove will take over the program in January, becoming the 41st head coach since the Colby football program started in 1892, the AP reported. Since 2015, Cosgrove has been serving as senior associate director of athletics at UMaine. His tenure in Orono included 129 career wins, three conference titles and five postseason appearances, according to the AP. [USA Today](#) and Tampa Bay Times carried the AP report.

LaBouff writes BDN op-ed on diversity in Maine's classrooms

02 Jan 2018

The [Bangor Daily News](#) published the opinion piece, "Valuing diversity in Maine's classrooms," by Jordan LaBouff, an associate professor of psychology and honors at the University of Maine. LaBouff 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.

Gill named finalist for Press Herald's 'Mainers of the Year'

02 Jan 2018

Jacquelyn Gill, an assistant professor of terrestrial paleoecology at the University of Maine, was named one of six finalists for [Portland Press Herald's](#) "2017 Mainers of the Year." According to the [Press Herald](#), the finalists made impacts this year that reverberated outside the state. Gill got the idea for the March for Science as she watched millions participate in women's marches across the country the day after Donald Trump's inauguration as U.S. president, according to the article. She tweeted that scientists also should defend the issues and causes important to them, the article states. Gill's tweets turned into a conversation, a website and, ultimately, hundreds of thousands of people at more than 600 demonstrations worldwide on Earth Day. "I was really floored by how much public support for science emerged out of the march," she said. Gill says her role now is to be an advocate for science for everyone. Today, she continues her teaching and research at the UMaine Climate Change Institute, co-hosting the podcast "Warm Regards" and advocating for an open, transparent, diverse and publicly supported scientific community, the Press Herald reported. "I've felt catapulted by this national energy around supporting science," Gill said. "I feel called to use my voice. There are many voices out there, I'm just one of them and I'm grateful that I have a platform where I can get this message out."

Jacquelyn Gill finalist for Portland Press Herald Mainer of the Year

03 Jan 2018

Jacquelyn Gill, a University of Maine paleoecologist, is one of the finalists for the Portland Press Herald's 2017 [Mainers of the Year](#). She helped start a conversation on [Twitter](#) that evolved into the March for Science on Earth Day 2017. "I've felt catapulted by this national energy around supporting science," Gill told the Portland Press Herald. "I feel called to use my voice. There are many voices out there, I'm just one of them and I'm grateful that I have a platform where I can get this message out." Gill holds a joint appointment in the Climate Change Institute and the School of Biology and Ecology. She says extinct animals and plants are naturally concluded experiments of the past and that teasing apart bits of material from what they left behind can inform current conservation efforts, including for keystone species.

Warhola writes for two recently published peer-reviewed works

03 Jan 2018

James Warhola, UMaine's Dr. John M. Nickerson Professor of Political Science, has written for two recently published peer-reviewed works. "The Religious Dimension of Patronal Rule in Post-Soviet Eurasia," was published in the Winter 2018 edition of *Journal of Church and State* (Oxford University Press). It appeared [online](#) Nov. 9. "The Useful God: Religion and Public Authority in Post-Soviet Russia," was a chapter edited by Dominic Erdozain for "The Dangerous God: Christianity and the Soviet Experiment" (Dekalb: Northern Illinois University Press, Oct. 2, 2017).

Conservationist Leslie Hyde passes away

03 Jan 2018

Leslie Colin Hyde, who helped establish the University of Maine Cooperative Extension Tanglewood 4-H Camp and Learning Center, passed away Dec. 25. Hyde, who worked for UMaine Extension in Rockland, believed the future of conservation depends on the education of youth, according to his obituary. Most of Hyde's focus was directed toward offering affordable camp experiences for Maine children. In 2005, learning that Blueberry Cove Camp in Tenants Harbor was for sale, Hyde was instrumental in helping create an arrangement in which the Tanglewood Board of Directors purchased the camp and the UMaine leased it, the obituary states. The full obituary is [online](#).

Mount Desert Islander advances animal ethics talk by Curran

03 Jan 2018

[Mount Desert Islander](#) reported Hugh Curran, who teaches courses in Peace and Reconciliation Studies at the University of Maine, will present about Buddhist views of nonharming and the vows invoked to protect all sentient beings Jan. 9 at the College of the Atlantic in Bar Harbor. The talk, which is free and open to the public, is COA's first winter Human Ecology Forum. The forum is a weekly speaker series based on the work of the academic community, which also draws on artists, poets and political and religious leaders from around the world, the article states.

Donaldson quoted in BDN article on ways to make more successful teachers

03 Jan 2018

Gordon Donaldson, professor emeritus of education at the University of Maine, was quoted in the [Bangor Daily News](#) article, "Making more good teachers is hard, but here are ideas for how to try." The quality of school leadership can have a significant influence over teachers' job satisfaction, according to the article. Administrators have control over many things, such as hiring, instruction and professional development, as well as setting the tone of a school, the article states. "Most researchers would say effective teachers are affected very significantly by the school-level culture, and that's where leadership comes in," Donaldson said.

AP cites CCI analysis in report on Arctic blast in U.S.

03 Jan 2018

The Associated Press cited a University of Maine Climate Change Institute analysis in a report looking at what is causing the Arctic blast that has moved south to affect central and eastern United States. Super cold air is normally locked up in the Arctic in the polar vortex, which is a gigantic circular weather pattern around the North Pole, according to the article. "Then when it weakens, it causes like a dam to burst," and the cold air heads south, according to a winter storm expert for Atmospheric Environmental Research. While the U.S. has been in the deep freeze, the rest of the globe has been warmer than normal, the article states. The globe as a whole was 0.9 degrees warmer than normal Tuesday and the Arctic was more than 6 degrees warmer than normal, according to CCI's analysis. [Chicago Daily Herald](#), [The Detroit News](#) and [Portland Press Herald](#) carried the AP report.

Noblet: Consumer education key for growth of aquaculture in U.S.

03 Jan 2018

Over the last several decades, aquaculture has been expanding throughout the world. Still, many Americans know very little about the industry and its progress has been sluggish. But, the tide could be changing as new research from the University of Maine indicates the industry is poised for growth through strategic outreach and consumer education. Aquaculture, the farming of finfish, shellfish and aquatic plants, is seen by many as the future of seafood: a sustainable, adaptable response to our changing environment and an innovative solution to satisfy growing consumer demand throughout the world. Globally, the marine aquaculture industry generates roughly \$166 billion per year, with steady growth predicted for years to come. In addition to answering questions about supply and demand, sustainable aquaculture can energize small coastal communities that rely heavily on their relationship with the sea for continued economic well-being. The United States lags in international markets in terms of production levels, but there is growing interest surrounding the industry in cities and towns across the country, including those in Maine. However, for the industry to grow, there must be a general understanding and acceptance of farmed marine foods by the public. With that in mind, UMaine researchers, led by assistant professor of economics Caroline Noblet and assistant professor of risk communication Laura Rickard, designed and implemented a nationally distributed survey to better understand U.S. resident perceptions and knowledge of sustainable aquaculture. The questions are pertinent to ongoing research at UMaine through the Sustainable Ecological Aquaculture Network (SEANET) and to answer longstanding questions posed by industry insiders and stakeholders. "One of the things that there is a lot of curiosity about relates to how much people actually know about aquaculture," Noblet says. "It's been 20 or 30 years since the industry was first introduced here and things have really evolved. We wanted to take a closer look at that." The team also sought to learn which

sources of scientific information the survey respondents used in making aquaculture decisions and what other factors might influence their opinions or habits regarding the industry. “The industry is similarly interested in learning more about where consumers are getting their information about aquaculture,” says Noblet. “Is their information from the news media? From scientists? From the industry itself?” With a better understanding of consumer decision-making and awareness, stakeholders would be better able to recognize the challenges and opportunities that the industry faces in terms of growth potential and visibility. Noblet’s team contracted the GfK Group, an international consulting firm, to administer the survey. Recipients were selected to be representative of the U.S. census, ensuring the results were based on specific demographic parameters and not a randomized sampling of individuals throughout the states. The survey generated more than 1,200 responses from across the country and yielded several interesting — and exciting — results. Ross Anthony, a graduate student in resource economics and policy at UMaine, analyzed survey data. During the initial clean-up stage, Anthony noticed numerous gaps in consumer knowledge about the industry. This was one of the key findings in the report. “Public opinion, as we know it, is somewhere in the middle,” says Anthony. “There’s a lot of uncertainty in how people feel about aquaculture and there is a lot of work left to be done.” Following Anthony’s analysis, Michaela Murray, an undergraduate student in ecology and environmental sciences, led efforts to test and synthesize the results. “A lot of what I did was to look at how responses to these questions differed across various demographics,” says Murray, who also served as lead report writer and coalesced what the research team learned into a valuable resource for those working in field. “A lot of what is discussed in the report is about age and education level. Those two, along with a little bit of gender, were the main demographics that played a role in how people answered the survey,” she says. “That was interesting to us.” In general, researchers found relatively low industry awareness among U.S. consumers, which suggests public opinion may be altered with ongoing education and outreach efforts aimed at informing a collective understanding about aquaculture. Data also revealed a need for targeted efforts to address knowledge gaps in various demographic groups, including people who are older, have less education, and live in landlocked states. Interest and engagement with aquaculture increases in communities with high rates of seafood consumption. For aquaculturists in Maine, where the sea-to-table relationship is more pronounced, this information could be used to design impactful marketing campaigns and educational programs to increase awareness and understanding in diverse communities. Participants expressed a desire to learn more about aquaculture and seemed, for the most part, open to expansion within the industry, as long as it doesn’t affect other coastal recreation activities. But few respondents indicated they had actively sought information about aquaculture or related technologies. Data suggested television advertisements, social media postings, and specially designed package labeling might be the best way to reach citizen consumers. The findings also indicated citizen consumers hold a positive view of scientists and scientific research, which suggests public outreach should be designed with a scientific lens in mind. These survey findings and others were released in a technical report in fall 2017. While there are many public discussions to be had about the risks and benefits of aquaculture, the research team was encouraged by the general open-mindedness suggested by the responses and believe the information can be used to steward resources toward ongoing research and community conversation. “People are really on the fence because they don’t have enough information to make a solid opinion about it,” says Murray. Anthony adds, “There is a true lack of knowledge about aquaculture. And there is a great opportunity to help form the public opinion about what it really is.” This spring, the team will conduct a Maine-centric citizen survey to further clarify attitudes and assumptions within the state. This additional information will help create a refined sense of the opportunities and challenges in both coastal and inland communities, and allow stakeholders to develop localized strategies to address articulated concerns. This work, part of SEANET’s ongoing aquaculture research, is funded by the National Science Foundation and Maine EPSCoR at the University of Maine. The survey results presented in the technical report are a part of research conducted by the research team affiliated with SEANET Research Theme 4: Human Dimensions of Sustainable Aquaculture at the University of Maine. The human dimensions aspect of the SEANET project seeks to identify barriers to and opportunities for aquaculture development with reference to stakeholder and community needs. More information about SEANET-related research is [online](#). Contact: Emily Baer, 207.581.2289

Sandweiss lectures in Peru, U.S., Chile and co-authors studies

08 Jan 2018

In August, Dan Sandweiss lectured on “El Niño y la arqueología de la costa peruana” at Universidad Nacional Pedro Ruiz Gallo, Lambayeque, Peru and at Universidad Nacional Mayor de San Marcos, Lima, Peru. The professor of anthropology and climate studies was an invited participant to an October workshop on “Collapse! What Collapse?”

Societal adaptations to abrupt climate changes before global warming,” at the Whitney Humanities Center at Yale University, where he spoke on “El Niño and Collapse on the Peruvian Coast.” In late November/early December, Sandweiss was an invited participant at a workshop on “Trayectorias Históricas de larga duración en Sociedades Cazadoras Recolectoras” in Taltal, Chile. There, he delivered a public lecture on “10,000 años del fenómeno El Niño: Clima y cultura en la costa del Pacífico” and a workshop talk on “Cambios climáticos y culturales en la costa peruana en los primeros milenios a.C.” In 2017, Pankaj Aggrawal, Doug Waggle and Sandweiss published “[Suicides as a response to adverse market sentiment \(1980–2016\)](#)” in PLoS ONE. Also, Kevin Jones, Gregory Hodgins and Sandweiss wrote “Radiocarbon Chronometry of Site QJ-280, Quebrada Jaguay, a Terminal Pleistocene to Early Holocene Fishing Site in Southern Peru” that was published in The Journal of Island and Coastal Archaeology. In December, Sandweiss was elected to a three-year term on the Nominating Committee of Section H (Anthropology) of the American Association for the Advancement of Science.

Law enforcement training on campus Jan. 9

08 Jan 2018

Maine State Police will conduct training exercises in Coburn Hall and Holmes Hall 8 a.m.–5 p.m. Jan. 9. During this time, members of the University of Maine community may see law enforcement officers in and around these buildings. For more information, contact Lt. Bob Norman, UMaine Police Department, 581.4040.

Sun Journal publishes op-ed by Scontras

08 Jan 2018

The [Sun Journal](#) published an opinion piece by Charles Scontras, a historian and research associate at the University of Maine’s Bureau of Labor Education, titled “Maine women have long fought for equal rights, and the fight continues still.”

Birkel cited in BDN article on Maine’s chances of getting another ice storm

08 Jan 2018

Sean Birkel, Maine’s state climatologist and a research assistant professor at the University of Maine’s Climate Change Institute, spoke with the [Bangor Daily News](#) for the article, “Repeat of ice storm of ’98 unlikely, not impossible.” The BDN reported that the ice storm that devastated Maine 20 years ago was caused by an unusual mix of weather conditions, but experts say that, though a repeat is unlikely, it could happen again. No one knows when Maine will experience another fierce ice storm, but global warming is not expected to make such storms less likely, according Birkel. The world’s oceans naturally go through warming and cooling periods, the best-known example of which occurs in the tropical Pacific, the BDN reported. The phenomenon known as El Nino, in which surface waters are warmer than average, irregularly alternates every two to seven years with a cooling period known as La Nina, the article states. In 1997 and 1998, the warmer-than-average El Nino effect was particularly strong, Birkel said. Around the same time, waters in the northern Atlantic Ocean also experienced periodic warming, which suggests that ice storms like the one in 1998 are not incompatible with the warming of the oceans that is caused by climate change, he said.

Press Herald reports on CCI research exploring climate change, Lyme disease

08 Jan 2018

The [Portland Press Herald](#) reported Maine Medical Center Research Institute in Scarborough is partnering with the University of Maine’s Climate Change Institute to study how climate change affects deer ticks and Lyme disease. Susan Elias, a disease ecologist at the research institute and a UMaine Ph.D. candidate, said persuasive research connects climate change with the increased range of the deer tick that carries Lyme disease, but there hasn’t been a comprehensive look at the many factors that are causing a surge in Lyme cases. Those factors include shorter winters, hotter summers and fewer days of extreme cold temperatures, according to the article. Sean Birkel, Maine’s state climatologist and a research assistant professor at CCI, said that decades ago, large areas of Maine were uninhabitable

for the deer tick because larvae could not survive cool summer days. “Most of Maine is now a likely tick habitat. Thirty years ago that definitely wasn’t the case,” Birkel said. “But it may still take awhile for significant populations to be established up in the north.” Even in the early 2000s much of northern Maine was not habitable for deer ticks, but that’s not the case now, Birkel said.

Jackson speaks with BDN about Maine Agricultural Trades Show

08 Jan 2018

Tori Jackson, an associate professor of agriculture and natural resources with the University of Maine Cooperative Extension, was quoted in a [Bangor Daily News](#) preview of the annual Maine Agricultural Trades Show. The event runs Jan. 9–11 at the Augusta Civic Center and will feature displays of equipment, lectures, training sessions and discussions, as well as a series of free workshops presented by the Beginning Farmer Resource Network for new and aspiring farmers, the article states. According to the most recent USDA census, close to one-third of Maine farmers have 10 or fewer years of experience on their farms, which is the definition of a beginning farmer. “Starting a farm is not an easy or clear process, so we hope to make the path simpler and streamlined for Mainers who are still in their first decade of farming,” said Jackson, who also serves as Beginning Farmer Resource Network chair. “UMaine Extension is one of 25 agricultural agencies and organizations working together to expedite the opportunities for aspiring and beginning farmers, and helping them connect to resources for farm business success.”

Kelley’s research featured in Sierra article on identifying culturally significant sites

08 Jan 2018

Research by Alice Kelley, a geoarchaeologist at the University of Maine, was mentioned in a [Sierra](#) magazine article about archaeologists and Native Americans working together to identify culturally important sites. Along the coast of Maine, there are at least 2,000 prehistoric shell middens, according to Kelley. These middens are exposed and mainly unprotected, the article states. Continued sea level rise will eventually drown many of them, but Kelley notes that coastal development also is a threat. To document these sites before they’re gone, she is creating a citizen science project where volunteers will monitor a midden they may know near their home or a place they visit regularly, *Sierra* reported. “It is certainly an important part of our understanding of the lifeways and cultural background of the people who lived here before most of us arrived. It’s also a really important Paleo-environmental record,” Kelley said.

Extreme cold unlikely to kill ticks before spring, Dill tells BDN

08 Jan 2018

Griffin Dill, an integrated pest management specialist with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for the article, “‘Bone-chilling’ weather unlikely to kill off ticks before spring, researchers say.” Experts agree that it’s unlikely sub-zero temperatures and blizzards will cause any significant decline in Maine’s tick population, according to the article. “From what we’re finding, even with these persistent below-zero temperatures, it’s staying 25, 30, as high as 35 degrees down close to the ground,” Dill said. “If we have the ticks covered by leaves and covered by a foot or so of snow, chances are, even with these persistent cold temperatures, they’ll be relatively unharmed.” If Maine wasn’t covered in snow, it’d be another story, Dill said. “If the ticks were completely exposed, these temperatures of zero or 5 below or 10 below would certainly be sufficient to kill a number of ticks,” he said.

Annual Dr. Martin Luther King Jr. Breakfast Celebration Jan. 15 at UMaine

08 Jan 2018

The 2018 Dr. Martin Luther King Jr. Breakfast Celebration, co-sponsored by the Greater Bangor Area NAACP and the University of Maine Division of Student Life, will be held Jan. 15 at Wells Conference Center on campus. The family-friendly event will celebrate King’s life and legacy, inspiration, dedication to diversity and social commitment. Highlights include a keynote address, “Fifty Years After Martin: Does the Arc of Our Moral Universe Bend Toward

Justice?” by Maine Representative Craig Hickman of Winthrop. Hickman is an organic farmer, small business owner, chef, award-winning poet, author and third-term legislator. More information about Hickman is available on the Maine House [website](#). Also providing remarks will be UMaine President Susan J. Hunter, Greater Bangor Area Branch of the NAACP President Michael Alpert, and UMaine Vice President of Student Life and Dean of Students Robert Dana. The breakfast celebration features food and music, and recognition of the recipients of the Dorothy Clarke Wilson Peace Writing Prize and the March Family Peace Studies Scholarship. Doors open at 8 a.m. Tickets are \$20; \$15 for children ages 12 and under; free for UMaine students with a valid MaineCard. Registration is available [online](#); tickets also will be available at the door until they are sold out. Table sponsorships for organizations are available for \$200 through Jan. 12. For more information or to request a disability accommodation, contact Silvestre Guzman, silvestre.guzman@maine.edu, 581.1437.

College of Education and Human Development named among top online graduate programs

09 Jan 2018

U.S. News & World Report has named the University of Maine College of Education and Human Development one of the best online graduate programs in the United States. UMaine is ranked tied for 76th on the annual list, up from 123 in 2017. The graduate program earned a score of 75, an improvement from last year’s score of 69. The rankings are based on scores in five general categories: student engagement, student services and technology, admissions selectivity, faculty credentials and training, and peer reputation. The College of Education and Human Development offers graduate programs at the certificate, master’s and doctoral level, with many programs either fully or partially online. The master’s program in special education, for example, offers degrees in early intervention, high-incidence or low-incidence disabilities, all of which are entirely online. In fall 2018, UMaine will launch a new online Master of Arts in Teaching (MAT) program, designed for people who want to become teachers and who earned their undergraduate degree in a field other than education. More information on the UMaine College of Education and Human Development graduate programs is [online](#).

Nominations sought for 2018 presidential awards

09 Jan 2018

Nominations currently are being accepted for the 2018 Presidential Outstanding Teaching Award, Presidential Public Service Achievement Award, and Presidential Research and Creative Achievement Award. Nomination forms and guidelines are available [online](#) or by contacting Amber Thompson in the President’s Office at 581.1516; amber.thompson1@maine.edu. The deadline for nominations is 4:30 p.m. Friday, Feb. 9.

Registration open for beginner beekeeping course, Seacoast Online reports

09 Jan 2018

[Seacoast Online](#) reported University of Maine Cooperative Extension and the Maine State Beekeepers Association have opened registration for a five-week Winter Beginner Bee School. The classes will be held from 6 to 8:30 p.m. Thursdays, Feb. 22 through March 22 at Anderson Learning Center in Springvale, according to the article. Instructor Larry Peiffer, master beekeeper and former MSBA vice president, will discuss honeybee colonies, hive construction, pests and diseases, honey production and seasonal management of the hive. Participants also may observe area hives and gain hands-on experience during a field lab at a later date, the article states. Cost is \$95 per person, \$140 for two people who share textbooks and materials, and includes a one-year membership in the York County Beekeepers Association. The deadline to register is Feb. 16. More information, including registration, is [online](#).

BDN cites Butler’s study in editorial on welfare funds

09 Jan 2018

A 2013 study by Sandra Butler, a University of Maine social work professor, was cited in the [Bangor Daily News](#) editorial, “LePage administration tries to show it’s doing some good with welfare funds. It isn’t working.” Butler’s

study found that more than a third of families surveyed who lost assistance after the state implemented a five-year lifetime limit on the financial help went on to lose electricity or another utility service. Twenty percent reported being evicted, having to relocate or moving to a homeless shelter, according to the editorial, and 70 percent reported relying on food banks for sustenance after losing help from the state's Temporary Assistance for Needy Families (TANF) program.

Free Press reports on Tanglewood 4-H Camp founder's conservation legacy

09 Jan 2018

[The Free Press](#) reported on the conservation legacy left behind by Leslie Colin Hyde, who passed away Dec. 25. Hyde, a University of Maine Cooperative Extension educator, helped create many successful nature education and land conservation projects, including the Georges River Land Trust and UMaine Extension Tanglewood 4-H Camp and Learning Center in Lincolnville, according to the article. Hyde made things happen, according to Jim Dunham, who co-managed Tanglewood 4-H Camp with Cindy Dunham for almost 30 years. The Dunhams teamed with Hyde to launch the camp, the article states. Hyde also was the spark to conserving Tommy's Island and High Island and establishing the Blueberry Cove 4-H Camp; starting and running Yankee Forestry Camp for landowners for 25 years; and establishing a leadership program for youth at Tanglewood, Free Press reported.

'Bill Green's Maine' visits Maine Bound to learn how to dress for cold weather

09 Jan 2018

Staff at the University of Maine's Maine Bound Adventure Center were interviewed about how to stay warm outside during winter for a segment on "Bill Green's Maine," which aired on WLBZ (Channel 2) and [WCSH](#) (Channel 6 in Portland). "People should plan ahead and prepare," said Lisa Carter, assistant director of Maine Bound. "When you're in a winter environment you want to make sure of what you're getting into and maybe even potentially not going out." Carter advises students to develop a system for whatever activity they will be participating in, according to the report. She said dressing for outdoor activities should always start with a base layer that is not cotton. Chris Bartram, Maine Bound coordinator, suggests starting with merino wool. "It insulates you even when it's wet, it doesn't smell, and it's all around the best that you can buy."

CNNMoney cites Blackstone in article on sexual harassment among teen workers

09 Jan 2018

Amy Blackstone, a sociology professor at the University of Maine, was quoted in the [CNNMoney](#) article, "When you're a teenage worker and you're sexually harassed." For many teenage workers, it's difficult to even identify and label harassing behavior, according to the article. A 2011 survey from the American Association of University Women found that more than 50 percent of high school girls reported experiencing some form of sexual harassment during one school year, the article states. According to Blackstone, there are several ways that early harassment follows women later in life — from their high school jobs all the way up the corporate ladder. "It's in the high school jobs that people learn the norms of the workplace," she said.

Shamarukh Mohiuddin: alumna and leader dedicated to women's economic empowerment

09 Jan 2018



Shamarukh Mohiuddin is a self-described optimist, entrepreneur and dreamer, and has a goal of making positive social change. The native of Dhaka, Bangladesh graduated from the University of Maine in 2003 with a degree in international affairs in economics, a second major in financial economics and a minor in studio art. Today, she is the director of the Economic Empowerment Program at the U.S. Chamber of Commerce Foundation in Washington, D.C. “I work with global businesses to address challenges faced by society,” says Mohiuddin. “My focus lately has been to help businesses design programs to support women’s economic empowerment and financial inclusion.” The programs she helps design are intended to “help the business community learn about the underlying causes of social challenges and to help use their core competence in solving these challenges.” “Women still don’t have equal access to economic opportunities and two billion people in the world still lack access to modern financial services,” she says. So she is working to overcome these issues through her career. Mohiuddin is inspired by “leaders who can make tough decisions and bring others along.” In turn, she tries to inspire others by being a strong leader herself. “At UMaine, I not only had a chance to learn about the subject matters that I work on in my career, but also had a chance to hone my leadership skills.” While at UMaine, she was vice president of the International Student Association and co-president of the Economics Student Association. “In my leadership positions with student organizations I built community with the members, generated interest in global cultures and traditions and provided inspiration for those studying economics by organizing career trips,” says Mohiuddin. She received the Outstanding Student Leader of the Year Award in 2003 from Campus Activities and Student Engagement, an award given to students who demonstrate great accomplishments in activities outside of the classroom. Mohiuddin’s education at UMaine prepared her well to continue on her career path of international business and development, and her mission of making the world a better place. “It gave me the tools I needed to succeed in my career,” she says. She gained further hands-on professional experience while at UMaine through an internship position as a research assistant at the Council on Foreign Relations. Mohiuddin later earned her master’s degree in international economics from Johns Hopkins University in 2013. Looking back on her time at UMaine, she fondly remembers Friday international student coffee hours, cultural events, sports, art classes and her time with new friends. “I love my friends from Maine and they remain a big part of my life,” she says. Contact: Margaret Nagle, 207.581.3745

Call for Proposals to support UMaine events

10 Jan 2018

The Cultural Affairs/Distinguished Lecture Series (CA/DLS) Committee is accepting grant applications from the University of Maine community. The grants support up to 50 percent of expenses for events contributing to the artistic, cultural and intellectual life of UMaine. The committee for CA/DLS accepts proposals four times a year. Previous grant awards have supported events including Culturefest, the International Dance Festival, lectures, exhibits, performances and guest artists. The next application deadline is Jan. 29 and is for projects beginning on or after Feb. 26. Proposals must be submitted [online](#). More information, including application guidelines, also is [online](#).

The Fish Site reports on aquaculture industry research led by Noblet, Rickard

10 Jan 2018

[The Fish Site](#) reported University of Maine research indicates the aquaculture industry is poised for growth through strategic outreach and consumer education. Globally, the marine aquaculture industry generates roughly \$166 billion per year. However, the United States lags in international markets, and for the industry to grow, there must be a general understanding and acceptance of farmed marine foods by the public, according to the article. With that in mind, UMaine researchers designed and implemented a nationally distributed survey to better understand perceptions and knowledge of sustainable aquaculture in the U.S. The team was led by assistant professor of economics Caroline Noblet and assistant professor of risk communication Laura Rickard. The researchers found relatively low industry awareness among consumers, which suggests public opinion may be altered with ongoing education and outreach efforts aimed at informing a collective understanding about aquaculture, the article states.

VillageSoup advances Stancioff's talk about climate change in coastal areas

10 Jan 2018

[VillageSoup](#) previewed an upcoming talk by Esperanza Stancioff, a University of Maine Cooperative Extension and Maine Sea Grant climate change educator, in an article about the Jan. 4 blizzard that caused near-record tides along the Midcoast. Stancioff is scheduled to speak at 6:30 p.m. Jan. 11 at the Maine Coastal Islands National Wildlife Refuge Visitor Center in Rockland. She will discuss how Earth's climate is changing, in what ways it might change in the future, and some projects going on to adapt to these changes. Coastal and marine areas of concern will be highlighted, according to the article. The talk is open to the public.

Kersbergen mentioned in Bates article on influence of crop advisers

10 Jan 2018

Rick Kersbergen, a sustainable dairy and forage systems expert with the University of Maine Cooperative Extension, was mentioned in the [Bates College](#) news article, "Crop advisers can influence farmers to adopt conservation practices." A recently published study led by a visiting assistant professor of environmental studies at Bates determined crop advisers may be potential influencers when it comes to farmers implementing conservation practices, according to the article. Crop advisers work independently or for retailers such as seed or fertilizer companies, helping farmers be more productive and efficient, the article states. Kersbergen, a crop adviser certified by the American Society of Agronomy who specializes in dairy farming in Maine, says farmers trust the advice they pay to get. Kersbergen has helped Maine dairy farmers go organic in recent years and researched pasture and forage systems for dairy cows, farm safety, and soil health. While he still works directly with dairy farmers, he now also runs seminars, helps would-be crop advisers study for the certification exam, and provides recertification training, Bates reported. Kersbergen said farmers turn to crop advisers for lots of farm management decisions. "The trend has been for farmers to hire crop advisers to provide pest management advice, as well as manure, nutrient and herbicide-pesticide advice," he said.

Morning Sentinel covers panel discussion on farming in changing weather

10 Jan 2018

[Morning Sentinel](#) reported on a panel discussion at the Maine Agricultural Trades Show that focused on farming in a new weather reality. Five Maine farmers spoke about how changing weather patterns have prompted them to adapt their farming strategies, according to the article. The forum was organized by the Maine Climate and Agriculture Network and moderated by Ellen Mallory, a University of Maine associate professor and UMaine Cooperative Extension sustainable agriculture specialist. Mallory said the network's goal was to bring together individuals who already are working on weather issues and coordinate their efforts. "The focus is on what we in agriculture are experiencing, how we're making changes to adapt, and what resources we may need," she said.

UMaine System surpasses local food goal ahead of schedule, media report

10 Jan 2018

The [Portland Press Herald](#), [WABI](#) (Channel 5), [Bangor Daily News](#), [Mainebiz](#), [101.9 The Rock](#) and The Associated Press reported the University of Maine System announced at the Maine Agricultural Trades Show that it already has surpassed the goal it set to source 20 percent of its food from local growers and producers by 2020. The system said it now is getting 23 percent of its food from local growers and processors, the Press Herald reported. Last year, UMaine was at 17 percent local, according to Glenn Taylor, director of Dining Services. Even with some farmers working year-round, produce is seasonal in Maine, and Taylor figured the way to get those numbers up was to focus on meat and poultry. It was the tipping point, he said, adding he surpassed the 20 percent goal this past summer. “I’m proud of that because this has really been about working with the farmers, not the numbers,” Taylor said. John Rebar, executive director of the University of Maine Cooperative Extension, spoke about the goal during a luncheon at the agriculture show. “Eighteen months into this plan we’re already at 23 percent, which we see as really the floor, not the ceiling,” he said. “We hope to continue to grow. It represents about \$1.5 million of funding that will go into sales that will go into Maine businesses, farms and food processors.” The system believes support of local agricultural is critical to the state’s success, according to WABI. “For Maine’s economy to prosper in the future, we have to drive local need,” Rebar said. Rebar also was interviewed by [WVII](#) (Channel 7) and [103.9 WVOM](#), The Voice of Maine. San Francisco Chronicle and [U.S. News & World Report](#) carried the AP article.

Borkum’s migraine research featured in Knowridge Science Report

10 Jan 2018

Recent research by University of Maine adjunct associate professor of psychology Jonathan Borkum was the focus of the [Knowridge Science Report](#) article, “Migraines may be the brain’s way of dealing with oxidative stress.” According to the article, Borkum’s study highlights a theory about migraines that argues they are an integrated mechanism by which the brain protects and repairs itself. Previous research has suggested that individuals who experience migraines have higher levels of oxidative stress. In his research, Borkum looked closely at the components of a migraine attack. He determined that migraine attacks are not simply triggered by oxidative stress, but that they actively protect and repair the brain from it. Borkum’s theory suggests new directions for finding preventive medications and lifestyles, ones that focus on reducing oxidative stress and increasing the release of growth factors, the article states.

As ash borer barrels through North American forests, scientists and tribes team up to make a stand

10 Jan 2018

When Butch Jacobs steps into the woods in search of basketmaking materials, he does not have a specific type of forest or black ash tree in mind, but he knows it when he sees it. “It’s a unique skill set that cannot necessarily be taught. Some people just have it,” Jacobs said. Jacobs, a member of the Passamaquoddy Tribe, is one of few remaining basket-tree harvesters in Maine — a longstanding tradition that stretches back to before Europeans arrived on North American shores. Now, the custom faces a threat that may devastate the trees that harvesters like Jacobs seek. Emerald ash borer, an insect native to Asia, has barreled through ash stands in at least 31 states and three Canadian provinces since it was first documented in Michigan and Ontario in 2002. Black ash, the species basket-tree harvesters target, is especially susceptible to the invasive insect that has already decimated millions of North American ash trees, and will soon arrive in Maine. That spells trouble for Jacobs and many others, for whom ash trees are of critical cultural and economic significance. The black ash is a central element in several Native American and First Nation traditions, including some tribes’ creation stories. [caption id="attachment_58770" align="aligncenter" width="625"]



Black ash

Despite the importance of black ash to these cultural traditions and Maine's rural economies, knowledge about the tree's ecology is limited, and the information that was available was often conflicting. Recognizing the information gap, William Livingston, associate director of UMaine's School of Forest Resources, with collaborators Kara Costanza, a Ph.D. candidate in forest resources; John Daigle, professor of forest recreation management; Darren Ranco, associate professor of anthropology, chair of Native American Programs, and faculty fellow at the Senator George J. Mitchell Center for Sustainability Solutions; and Nate Siegert, a forest entomologist with the U.S. Forest Service, organized the Black Ash Symposium at UMaine in November 2014. There, basket-tree harvesters from Maine's Wabanaki Tribal Nations (Aroostook Band of Micmacs, Houlton Band of Maliseet Indians, Passamaquoddy Tribe at Indian Township, Passamaquoddy Tribe at Pleasant Point, and Penobscot Nation) and the Saint Regis Mohawk Tribe from upstate New York shared traditional ecological knowledge with scientists who work throughout black ash's native range in the U.S. and Canada. "Butch Jacobs and other basket-tree harvesters use knowledge that is derived from generations of observations and usage," Livingston said. "Combining this knowledge with scientific tools allow us to better predict how black ash will respond to current and future changes." They also took their study to the Maine woods, where the symposium group visited four black ash stands that were representative of two common stand types. The site visits not only benefited their exchange of knowledge by providing the context of a field setting, it also helped the team assess the borer's potential impact on these types of stands and basket-quality ash trees. "We learned from each other," Jacobs said. "I have never once gone in the forest with Bill Livingston and not learned something from him, and he learned from me." Thanks to the assessments conducted at the symposium, Livingston, Costanza and their collaborators developed best practice recommendations for harvesting basket trees to increase the likelihood of maintaining them on a landscape invaded by emerald ash borer, and identified opportunities for future research. "This work is really just scratching the surface of black ash biology and ecology. There is still so much more to study and comprehend, but this symposium allowed us to synthesize our knowledge to identify pressing research and collaborative needs for the future," Costanza said. This combination of traditional knowledge and the latest scientific tools at the symposium also helped identify ecological variables that helped find new locations that are likely to support basket-quality black ash trees. "Even after the emerald ash borer becomes established in Maine, the black ash tree will not disappear. We will continue to use traditional knowledge, knowledge gained from other states, and scientific tools to help locate stands of black ash trees for continuing the tradition of basketmaking, and for recommending strategies to promote regeneration of the species on the best sites," Livingston said. The team recently published their findings in a special issue on tribal lands forestry in the *Journal of Forestry*. The project was supported by the U.S. Forest Service, Northeastern Area State and Private Forestry, Forest Health Protection, the National Science Foundation through grant EPS-0906155 to Maine EPSCoR and the Senator George J. Mitchell Center, and the Elmina B. Sewall Foundation. Contact: Erin Miller, 207.581.3204

Maine EPSCoR announces partnership with Bigelow Laboratory for Ocean Sciences on development of

upcoming proposal

11 Jan 2018

Environmental DNA will be the research focus of Maine EPSCoR at the University of Maine in its proposal for national Track I EPSCoR funding — a five-year, \$20 million grant funded by the National Science Foundation (NSF). The research topic was selected for Maine's next Track I proposal by the state EPSCoR committee following a deliberative review process. The final proposal will be submitted to NSF in August 2018. The University of Maine will be partnering with Bigelow Laboratory for Ocean Sciences as co-lead. Kody Varahramyan, UMaine vice president for research and dean of the Graduate School, will serve as principal investigator; David Emerson, senior research scientist at Bigelow, as a technical lead. Environmental DNA (eDNA) refers to DNA that can be extracted from environmental samples without first isolating or physically observing target organisms. And, it can be applied to all aquatic life. The research in Maine will focus on developing state of the art molecular monitoring techniques that can be integrated with chemical and physical diagnostics. The information acquired will be analyzed using advanced computational methods to assess the "big data." This will provide an unprecedented, comprehensive analysis of Maine's coastal aquatic ecosystems. Through this work, researchers will be better prepared to predict how an ecosystem will respond to change, to understand what mitigation strategies might be most effective to counter such change, and to develop plans for how communities might adapt to ongoing change. Maine's marine resources are powerful economic engines, and it is critical that the state continues to develop and maintain a strong presence in relevant areas of ecosystem science, Emerson says. The goals of this project are to unify Maine's marine research community toward common objectives, to conduct a research program that encourages innovation and the professional development of young researchers, and to cultivate a spirit of entrepreneurship and development through collaboration that will contribute to the state's economic viability. The University of Maine and Bigelow Laboratory will engage a network of stakeholders on this proposal to make Maine a center for molecular monitoring of aquatic ecosystems based on an array of eDNA technologies and cyberinfrastructure resources. Contact: Emily Baer, 207.581.2289

UMaine mentioned in Piscataquis Observer article on aging-in-place initiatives

11 Jan 2018

The University of Maine was mentioned in a [Piscataquis Observer](#) article on aging-in-community projects in the area. The Piscataquis Thriving in Place Collaborative (TiP) is an aging-in-place resource and referral network coordinated by the Charlotte White Center (CWC) that has grown to more than 60 partners over the last four years, according to the article. In the first year, CWC and the UMaine Center on Aging guided a group of volunteers and service providers through an assessment of what older and medically vulnerable adults needed to remain in their homes and communities, the article states. UMaine's Center for Community Inclusion and Disability Studies also was a lead organization for the effort. Over a year ago, TiP partners recognized a need to spread their learning and support to individual towns interested in developing local age-friendly networks. TiP pledged to help launch initiatives in towns that joined the network, starting by convening a steering committee to work with the UMaine Center on Aging to survey the needs of community residents. The goal of the Age Friendly Piscataquis project is for the towns to establish standing committees that work with their municipal leaders to develop and implement age-friendly action plans, Piscataquis Observer reported.

Engineering center bond, bicentennial bill mentioned in Free Press report

11 Jan 2018

The University of Maine was mentioned in [Free Press](#) article on news out of Augusta as the 2018 Legislative session begins. On Jan. 11, the Appropriations Committee is scheduled to hear several borrowing proposals to support educational institutions in the state, according to the article. Sen. Bill Diamond will present an \$80 million bond to construct an engineering design and education center at University of Maine. The university is in the process of planning to build the center to help meet Maine's engineering workforce needs and address increased enrollment demands for UMaine's popular engineering programs, the article states. Liam Riordan, a history professor at UMaine, also was cited in the article. On Jan. 10, the Education Committee will hear LD 1696, which would appropriate \$75,000

to fund the Maine Bicentennial Commission in planning for Maine's bicentennial celebration in 2020, The Free Press reported. Maine became the 23rd state on March 15, 1820. According to Riordan, the movement for the District of Maine to separate from Massachusetts began in 1785, and six popular referendums for statehood were held between 1792 and 1819.

Erdley's research cited in Cincinnati Republic feature on children's friendships

11 Jan 2018

Research by Cynthia Erdley, a psychology professor at the University of Maine, was mentioned in a [Cincinnati Republic](#) article that argues preventing close friendships among children would do more harm than good. A study co-written by Erdley found that having at least one quality friend is more beneficial for children than being seen as "popular" with a wide circle of friends. Having a strong connection with a smaller group gives kids a sense of belonging in a group instead of just being one of many in a more shallow relationship, according to the article. The concept of being "popular" as outlined by the study was seen as more harmful to the sense of self-worth of a child, because they are often associated with negative perceptions, such as being a gossip or rude, to stay in a position of popularity. When a child has a close group of friends that encourage a sense of commitment, they have been shown to have a higher self-esteem as well as a better academic standing, the article states.

Hakai Magazine quotes Kelley in article on dangers of melting permafrost

11 Jan 2018

Joseph Kelley, a professor of marine geology at the University of Maine, was quoted in a [Hakai Magazine](#) article about the unknown dangers melting permafrost carries for Arctic marine life. Concentrations of mercury in marine mammals in the Arctic are 10 to 12 times greater than they were in the preindustrial period, according to a 2017 report from the Arctic Monitoring and Assessment Programme. The report also warns that the thawing of large areas of high-latitude frozen peatlands could release globally significant quantities of mercury into Arctic lakes, rivers, and oceans, according to the article. Kelley, a sediment expert, said movements of soil into the sea get "reworked by waves, for months perhaps, and will lead to enhanced turbidity which is local or even regional in scale."

Summer University 2018 courses available for viewing, registration begins Feb. 1

12 Jan 2018

Summer University 2018 courses are now available for viewing on MaineStreet. With early viewing, students can better plan their course schedules for both spring and summer to ensure they meet their educational goals. Summer is a great time for students to continue their coursework and make progress toward completing their degree. Registration begins Feb. 1. Summer University is organized into two convenient time blocks made up of three- and six-week sessions. With a simplified summer course schedule and more than 700 course sections offered on campus and online, students can fit in the courses they need for their success. Summer University 2018 will begin with a three-week May Session. This term, like the three-week Winter Session, provides additional opportunities for students to [Think 30](#) credits per year in order to stay on track to graduate in four years. More information, including how to register, is [online](#).

Cameron to moderate discussion following documentary screening, Mount Desert Islander reports

12 Jan 2018

[Mount Desert Islander](#) reported the documentary "Screenagers: Growing Up in the Digital Age" will be shown at the Jesup Memorial Library in Bar Harbor at 7 p.m. Jan. 25. The screening will be followed by a facilitated discussion with Ian Cameron, a lecturer of human development and family studies at the University of Maine, according to the article. The event will kick off of a series of programs about families in the digital age and the effect of screen time on children and teens, the article states.

Media cite Lobster Institute, Bayer in articles on Switzerland's ban on boiling crustaceans alive

12 Jan 2018

The Lobster Institute at the University of Maine was mentioned in the [Gizmodo](#) report, “Switzerland outlaws boiling lobsters alive.” New Swiss regulations will require food preparers to stun or mechanically destroy a lobster’s brain before immersing it in boiling water, according to the article. The Lobster Institute at UMaine suggests that a lobster’s nervous system isn’t complex enough to process pain, with only 100,000 nervous system cells compared to a human’s 100 billion, the article states. Bob Bayer, executive director of the Lobster Institute, said if someone wanted to numb a lobster before killing it, they would just needed to put it on ice or in very cold fresh water. This method also would be outlawed by the Swiss ruling, which forbids suppliers from storing live animals on ice, and instead requires the animals be held in their natural environment, Gizmodo reported. [The Washington Post](#) and CBC News' "Maritime Noon" also reported on the ban and interviewed Bayer. When asked if lobsters can feel pain, Bayer said, “They can sense their environment, but they probably don’t have the ability to process pain.” [Chicago Tribune](#), [Bangor Daily News](#), [Portland Press Herald](#) and [Sun Journal](#) carried the Washington Post article.

Columbia Journalism Review publishes Socolow’s ‘Fire and Fury’ media analysis

16 Jan 2018

Michael Socolow, an associate professor of communication and journalism at the University of Maine, wrote an analysis for [Columbia Journalism Review](#) about the media reaction to Michael Wolff’s “Fire and Fury.”

BDN publishes op-ed on climate change costs by UMaine student

16 Jan 2018

University of Maine student J. William Somes wrote an opinion piece for the [Bangor Daily News](#) titled, “Climate change is burning a hole in our pocketbooks.” Somes is studying economics and political science and also is a student in the Honors College.

Biddle speaks about state’s teacher shortage on Maine Public’s ‘Maine Calling’

16 Jan 2018

Catharine Biddle, an assistant professor of educational leadership at the University of Maine, was a recent guest on [Maine Public](#)’s “Maine Calling” radio show. The show focused on the state’s teacher shortage, particularly in areas such as special education and world languages.

Deep freeze may reduce some insect populations, Dill tells Press Herald

16 Jan 2018

The [Portland Press Herald](#) reported the recent cold temperatures in Maine could tamp down insect populations that threaten backyard landscapes and woodlands, according to entomologists and tree experts. Jim Dill, a pest management specialist at the University of Maine Cooperative Extension, said the devastating winter moth and hemlock woolly adelgid — and possibly the browntail moth and spruce budworm — may be especially susceptible to subzero temperatures. Unfortunately, Dill said, ticks, mosquitoes and fleas likely won’t be affected because they’re either hitching a ride on warm-blooded creatures, dormant in ice-covered swamps and ponds, or hidden in topsoil beneath the snow, where decomposing leaf litter can push temperatures above freezing. “Insects above ground or in trees could be affected,” he said. “This cold isn’t doing anything to insects that overwinter in the ground. The snow’s going to insulate them.” The Associated Press cited the Press Herald article and Dill in a similar report. [U.S. News & World Report](#) carried the AP story.

Leahy discusses state’s forest resources on ‘Positively Maine’ radio show

16 Jan 2018

Jessica Leahy, a professor of human dimensions of natural resources at the University of Maine, was a recent guest on [Newsradio WGAN](#)'s "Positively Maine" radio show. Leahy discussed the School of Forest Resources, forestry students, legacy planning for older landowners, wood banks and other projects that have had a positive effect on Maine's family forests.

Media cover Dr. Martin Luther King Jr. Breakfast Celebration at UMaine

16 Jan 2018

[WABI](#) (Channel 5), [Bangor Daily News](#) and [WVII](#) (Channel 7) reported on the 2018 Dr. Martin Luther King Jr. Breakfast Celebration held at the University of Maine. Co-sponsored by the Greater Bangor Area NAACP and the UMaine Division of Student Life, the event featured a keynote by Maine state Rep. Craig Hickman, Winthrop. Hickman talked about his personal experiences and told a crowd of about 250–300 people that more work must still be done to realize Martin Luther King Jr.'s dream of equality, the BDN reported. The Associated Press and [Portland Press Herald](#) also mentioned the breakfast in reports about Martin Luther King Jr. Day events held around the state. SFGate and The Republic carried the AP report.

Boston Globe cites Brewer, Rosenbaum in article on anonymous political attacks

16 Jan 2018

University of Maine professors Mark Brewer and Judith Rosenbaum were quoted in the [Boston Globe](#) article, "In Maine, is GOP linked to flurry of anonymous attacks?" Some Maine Democrats believe fake news posted on a conservative website and shared by the Republican Party tainted Lewiston's mayoral race, according to the article. The right-wing websites Maine First Media and the Examiner are clearly affecting state politics, but they lack any traditional sense of accountability, said Brewer, a political science professor. "When you have an anonymous website, who knows who's bankrolling it?" Brewer said. "I think all Mainers not only should know, but deserve to know. They can publish whatever they want, but it would be helpful to know who's paying for the information." Brewer's concerns were echoed by Rosenbaum, a communications professor who specializes in social media. Hearing new voices is important, she said, but such a platform comes with responsibility. "My biggest concern is: Do we have a citizenry that is able to discern credible news from news that is really rumors and gossip?" Rosenbaum said. [Portland Press Herald](#) carried the Boston Globe report.

Andrew Egan named UMM vice president and head of campus

17 Jan 2018

Andrew Egan has been named vice president for academic affairs and head of campus at the University of Maine at Machias (UMM), effective Aug. 13. Egan was one of four finalists in the national search for the next leader of the regional campus of the University of Maine. As UMM vice president and head of campus, Egan will report to UMaine President Susan J. Hunter. This past year, UMM's leadership team has been headed by Kay Kimball, who had a one-year appointment as head of campus and vice president for academic affairs. Kimball's contract ending July 1 has been extended to Aug. 30. "We welcome Dr. Egan back to Maine and we extend our sincere appreciation to Dr. Kimball for her leadership in the first year of the primary partnership between UMM and UMaine," says Hunter. "Andrew will build on the strong foundation Kay and her leadership team have established at the University of Maine at Machias. We are committed to getting UMM on a sustainable path that ensures its future as an educational, cultural, economic and financial hub of the Down East region it serves." Egan currently has a yearlong post at a Peace Corps forestry training institute in Liberia. His 20-year career in academic leadership in the United States and Canada includes his most recent post as Chancellor and Chief Academic Officer for Penn State — Greater Allegheny Campus. In 1998–2004, he was a UMaine associate professor of forest resources and the program coordinator in forest engineering. His research has focused on the interactions between silviculture and the environment, and the socioeconomic and ecological dimensions of watershed restoration. Egan holds a Ph.D. in forest resources from Penn State. Search committee member Marjorie

Withers, a Maine business owner who serves on the UMM Board of Visitors, says Egan is an “outstanding choice.” “He comes back to Maine with a varied work history that shows his competencies both on and off campus,” says Withers. “Dr. Egan has the rare ability to truly listen and to lead. Both gifts are apparent when one spends time with him. (He) is a person who has vision and a passionate dedication. I know he will enrich our University (of Maine) System and change its future in extremely positive ways.” Promoting enrollment growth, increasing efficiencies, and advancing program and research opportunities are the goals at the heart of the primary partnership between UMaine and the University of Maine at Machias. In the year since the primary partnership was introduced, UMaine and UMM have worked diligently to bring forward strategic goals in administrative integration, curriculum and program alignment, and structure and governance. July 1, 2017, UMM became a regional campus of UMaine, while maintaining its mission, degree programs and leadership role in the community. UMM’s faculty report to the vice president for academic affairs and head of campus, who leads the UMM campus and serves on the UMaine President’s Cabinet, and the Deans’ and Provost’s councils. UMM will be incorporated under UMaine’s accreditation with the New England Association of Schools and Colleges (NEASC) and will continue to award baccalaureate degrees. For students on both campuses, the proposed partnership has the potential to broaden the portfolios of academic and research opportunities — from shared courses and transfer programs to advanced degree pathways. For graduate students, it also could provide teaching opportunities. Contact: Margaret Nagle, 207.581.3745

Rosenbaum discusses ‘Politics in the age of Twitter’ on ‘Maine Calling’

17 Jan 2018

Judith Rosenbaum, assistant professor in the Department of Communication and Journalism, discussed the role of Twitter in politics and how it’s changing political discourse and impacting social movements on Maine Public’s [Maine Calling](#). Rosenbaum, who authored “Constructing Digital Cultures: Tweets, Trends, Race, and Gender,” said Twitter provides a platform for people whose voices have traditionally been marginalized to be heard.

Brewer talks with Press Herald about significance of campaign contributions

17 Jan 2018

Mark Brewer told the [Portland Press Herald](#) that gubernatorial campaign finance report numbers can be informative, but that “money doesn’t equal votes by any means.” The University of Maine political science professor said financial reports can help candidates build momentum and reflect a serious commitment to invest in themselves. “Someone like Shawn Moody, who hasn’t been in all that long, the fact that he has already raised well over \$100,000-plus and he is also apparently matching that with a loan of equal or similar amounts from his own personal finances, I think that demonstrates one — he’s got some traction, among at least some part of the donor base, and two — he’s serious about the campaign,” Brewer said. Brewer also said candidates who have been in the race for longer periods of time and who haven’t received significant donations may need to reassess their campaigns. “That can be indicative of either lack of enthusiasm and/or lack of effort, both of which should be concerning to a campaign,” he said. The [Sun Journal](#) and [Foster’s](#) also reported on the topic. [The Seattle Times](#) and [Seacoastonline](#) carried the AP story.

Interim leadership team named for the Maine Business School

17 Jan 2018

This spring semester, the reorganized Maine Business School (MBS) at the University of Maine will have an interim leadership team. MBS Dean Ivan Manev has taken administrative leave to re-engage with his scholarship and take a well-deserved break from administrative duties, according to Jeffrey Hecker, UMaine executive vice president for academic affairs and provost. Administrative and leadership responsibilities will be handled by Nic Erhardt, interim dean of the Undergraduate School of Business, and James Simpson, interim dean of the Graduate School of Business. Erhardt, associate professor of management, has been serving as MBS associate dean. Simpson is distinguished professor emeritus and principal research scientist at the University of Alabama in Huntsville College of Business. In 2014–15, Simpson served as interim dean of the School of Business at Ithaca College. Their appointments are in effect through June 30, 2018. “I would like to express my gratitude to Ivan Manev for his outstanding work as dean of the

Maine Business School,” Hecker says. “With Ivan’s leadership, undergraduate enrollment has boomed, the downward trend in graduate enrollment was reversed, the school was successfully reaccredited, and significant gifts to MBS were secured. I hope the UMaine community will join me in thanking him for his service.”

Boothbay Register, Three Village Patch report on students’ talks at alma maters

18 Jan 2018

[The Boothbay Register](#) and [Three Village Patch](#) carried stories that University of Maine students who had graduated from Boothbay Region High School and Ward Melville had returned to their respective alma maters to share tips about college with current high school students.

Morning Ag Clips previews Cooperative Extension gardening course

18 Jan 2018

[Morning Ag Clips](#) advanced the University of Maine Cooperative Extension’s five-session gardening course beginning March 21 at the UMaine Extension office in Bangor. Horticulturist Kate Garland will lead the hands-on workshops; topics include starting seeds indoors, botany, succession planting, pest management and soil-guiding. People may register online.

Ellsworth American reports on damaged oceanographic buoy

18 Jan 2018

An [Ellsworth American](#) story indicated an oceanographic buoy that a team of scientists at the University of Maine designed, built and deployed in the Gulf of Maine was reported damaged. The buoy gathers and transmits data about ocean temperatures, currents and salinity levels, as well as air temperature, wind speed and direction and the height and frequency of waves, according to the article. The article reported that a University of Maine’s Ocean Observing System team would assess the damage.

Sea Grant information cited in Courier-Gazette seaweed story

18 Jan 2018

Maine Sea Grant was cited in a [Courier-Gazette](#) story about a seaweed conference and fair being planned for this summer in Rockland. “Maine has a unique opportunity to develop a sea vegetable aquaculture industry, with its cold, clean waters, extensive coastline, and existing fishery and aquaculture industries and infrastructure. Interest in sea vegetable farming is growing in the state, as it may represent an opportunity for diversification for traditional fishermen or sea farmers,” according to the Maine Sea Grant website.

Media outlets share UMaine aquaculture research

18 Jan 2018

[World Fishing & Aquaculture](#) and [Undercurrent News](#) carried portions of a media release from Maine EPSCoR at the University of Maine. The stories indicated that research conducted by UMaine assistant professor of economics Caroline Noblet and assistant professor of risk communication Laura Rickard found that strategic outreach and consumer education could lead to a growth in aquaculture in the U.S.

BDN announces Andrew Egan will be UMM head of campus

18 Jan 2018

[The Bangor Daily News](#) reported that Andrew Egan will be vice president for academic affairs and head of campus at

the University of Maine at Machias beginning in mid-August. Egan, who is in Liberia on a Peace Corps forestry training assignment, was an associate professor of forest resources and program coordinator in forest engineering at the University of Maine from 1998 to 2004, according to the article.

WABI highlights drumming troupe before CCA performance

19 Jan 2018

[WABI](#) (Channel 5) featured Yamato, a drumming troupe from Japan, in advance of its Thursday night performance at the Collins Center for the Arts. Musician Masaya Futaki said he began drumming when he was 3 years old. The 2018 tour, called “The Challengers,” marks the group’s 25th anniversary.

Maine Business School named among top online MBA programs

19 Jan 2018

U.S. News & World Report has named the University of Maine Business School one of the nation’s best online master’s degree programs in business administration. UMaine is tied for 131st on the annual list which evaluates schools on their distance education MBA programs. The online program earned a score of 47 according to a set of widely accepted indicators of excellence, including admissions selectivity, reputation for excellence among peer institutions, and academic and career support services offered to students. Created in 2015, the online MBA program at the Maine Business School is accredited by the Association to Advance Collegiate Schools of Business, a standard of excellence achieved by fewer than 6 percent of business schools worldwide. The program also is available on-campus where students take most courses in a traditional classroom and a few courses online. Ninety-five percent of students are already employed when they enroll in the online MBA program. These career professionals have the ability to complete their degree online in one year while interacting with students on campus or online. Classes are taught by world-class faculty who are active researchers and experts in their fields. In 2017 the Guide to Online Schools named the University of Maine among the top 10 for best value online MBA program based on affordability and academic strength. MBS is quickly gaining recognition as one of the premier business schools both nationally and internationally. U.S. News & World Report ranked the MBS among the top 200 business schools in the nation. Eduniversal listed the MBS among the ‘excellent’ business schools in a worldwide ranking that included only 132 schools from the U.S. More information on the online graduate program can be found on the Maine Business School website.

Reminder: Winter parking ban in effect on campus

22 Jan 2018

UMaine's winter parking ban is in effect until May 1. All commuter, staff and visitor parking lots are closed to parking between midnight and 6 a.m. Permitted vehicles may park overnight in either the Bridge Tennis Court or College Avenue South lots. For questions or more information, contact the UMaine Parking Office, 581.4047.

WABI reports on Old Town Elementary, UMaine Extension partnership in WinterKids competition

22 Jan 2018

[WABI](#) (Channel 5) reported on Old Town Elementary School’s participation in the WinterKids Winter Games program, a four-week challenge that involves physical activities and nutrition. One elementary school from each of Maine’s 16 counties was selected to participate in the challenge — Old Town Elementary was picked to represent Penobscot County. Each school earns points by completing four weekly challenges. In addition to extra time dedicated to outdoor activities, a focus on eating healthy is a big part of the games. With the help of University of Maine Cooperative Extension associate professor Kate Yerxa, students were able to take part in a fruit tasting as a way to introduce them to new healthy foods. Yerxa, who also teaches an after-school cooking club, provided teachers with nutritional materials they could use to help meet the expectations of the WinterKids challenges.

Brewer cited in Press Herald story on fundraising in Maine's governor's race

22 Jan 2018

Mark Brewer spoke with the [Portland Press Herald](#) about the current state of fundraising for the candidates of Maine's upcoming gubernatorial race. According to the first campaign finance reports of the year, some candidates have been able to acquire large sums of money, while others face mounting debt. "Money doesn't equal votes by any means," said Brewer, a professor of political science at the University of Maine, "but money makes it easier to get votes." Currently leading in fundraising for the Democrats is candidate Adam Cote and is followed by Maine Attorney General Janet Mills. For the Republican side, Shawn Moody leads and is followed by former Department of Health and Human Services Commissioner Mary Mayhew. According to Brewer, an early jump in campaign fundraising doesn't always lead to a primary victory. However, a strong financial report featuring prominent names on the donor list can be "gold" for a campaign. Brewer said that candidates with strong financial reports can use their success to attract more donors. They can also leverage them against their opponents by discouraging donors from contributing to lackluster campaigns. "These things matter. They are insider baseball, for sure, but they matter," said Brewer.

Press Herald cites Kirby, Smart in article about plant pests and cold weather

22 Jan 2018

The [Portland Press Herald](#) spoke with Clay Kirby and Alcyn Smart for an article about the recent below-zero temperatures effect on plant pests. Kirby, a pest management specialist at the University of Maine Cooperative Extension, said that many pests live in a layer of fallen leaves and twigs below the snow and ice. According to Kirby, the temperature of this layer, insulated by the overlying snow, can be much warmer than the sub-zero air temperatures above. "The snow can be considered insulation for them," said Kirby, and as a result, ticks and other soil-living pests will probably not be impacted by the recent cold snap in any significant way. The temperatures effect on plant diseases is much less. Smart, a UMaine Extension plant pathologist, said that the cold will likely have no effect on pathogens whatsoever. "Basically, if the plant is still living, then the pathogen is still living," said Smart. The fungi that cause many plant diseases create a protective web that helps guard against the cold temperatures, and soil-borne pathogens are protected beneath the soil and the insulating layer of snow. Not all pests, however, were impervious to the extreme cold. The article states that populations of both the invasive gypsy and winter moth, as well as the hemlock woolly adelgid, may have been reduced due to the cold.

Sun Journal cites Reeve in story about untreated 'raw water'

22 Jan 2018

The [Sun Journal](#) cited University of Maine hydrogeologist Andrew Reeve in a story about the Maine company that began selling unfiltered, untreated "raw water." According to the report, Summit Spring Water Inc., which sells the bottled water under the brand Tourmaline Spring, went viral following the publication of a December New York Times story outlining the raw water phenomenon. Since they have received everything from rave reviews, scathing ridicule and even threats. Some praise the product, regarding it as a pure, clean and untampered alternative to other types of bottled water. Others, however, see it as an irresponsible trend, citing the potential for contamination from dangerous disease causing bacteria, pesticides and other chemicals. In light of the worldwide criticism, Bryan Pullen, CEO of Summit Spring Water, told the Sun Journal that "news organizations need to stop interviewing emergency room doctors and talk to geologists, hydrogeologists and laboratories and people who understand the Earth and water quality. Reeve, who was not familiar with the company's product or the larger raw water trend outside of the media hype, told the Sun Journal that sediments and rocks have the ability naturally filter out microorganisms that carry disease, but couldn't say that it filters out everything, every time. "Historically, people went to springs because they did filter out, in some cases, all the bacteria," said Reeve. "Certainly it cleans the water more than most surface water, but there's always the chance something is going to get through."

AP, Press Herald report on collaborative lobster conservation research

23 Jan 2018

[The Portland Press Herald](#) and [Associated Press](#) reported on a recently published study that found conservation practices employed in the Gulf of Maine have allowed the lobster fisheries of northern New England to thrive during a time of increased ocean warming, while fisheries in southern New England have declined drastically. The study included researchers from the Gulf of Maine Research Institute, University of Maine and National Ocean and Atmospheric Administration. The study indicated the lobster population in the Gulf of Maine will shrink upward of 62 percent over the next 30 years due to rising ocean temperatures. If not for Maine lobster industry conservation efforts established in the early 1900s, the outlook would be more dire. Those early efforts led to resilience in the face of climate change, and have made the difference between record lobster catches in Maine and population collapse a few hundred miles south. UMaine School of Marine Sciences researchers Richard Wahle and Yong Chen participated in the study, which was published in the [Proceedings of the National Academy of Sciences](#). [Mainebiz](#) also covered the research and [WBUR](#), [WMTW \(Channel 8\)](#), Chicago Tribune, [Boston.com](#), Cape Cod Daily News, [Eagle-Tribune](#), [The Boston Globe](#) and [The Seattle Times](#) carried the AP report.

Press Herald lists UMaine Extension, Mitchell Center as sustainability education resources

23 Jan 2018

The [Portland Press Herald](#) named the University of Maine Cooperative Extension and the Senator George J. Mitchell Center for Sustainability Solutions as resources for those looking to learn about sustainability. UMaine Extension regularly offers workshops, courses, literature and videos on sustainable farming and gardening, soil testing, composting, beekeeping and food preservation. The Mitchell Center hosts conferences, lectures and events that focus on issues and solutions in sustainability, and has an online archive of information, publications and events. “We feel it’s really important that people have access to as much information as possible to make their own decisions,” said Bridie McGreavy, an assistant professor of communication who collaborates with the Mitchell Center. “Educating people is an important part of solving problems.”

UMS launches engineering pathway to meet workforce need

24 Jan 2018

The University of Maine System will launch the Maine Engineering Pathways Program in fall 2018 to help more students prepare for a Maine-based engineering career and to build workforce development capacity in response to a critical state shortage. The program is designed so students can graduate in four years from an accredited engineering program ready to join the Maine workforce in fields with annual starting salaries of \$60,000 and higher. Engineering employment has grown 25 percent over the last decade and Maine firms annually seek to fill more than 1,400 engineering vacancies. These positions are critical to maintaining the safety of Maine roads and bridges, sustaining the state’s utility infrastructure and leading its manufacturing sectors. Maine’s public universities are the state’s only pathway to an engineering degree and are working to double engineering education capacity to help meet [a statewide workforce need](#) of more than 3,000 new engineers over the next decade. The projected workforce shortage is driven by growing industry demand and an anticipated wave of retirements among engineers. “Demand for engineers at Pratt & Whitney will continue to be strong for the foreseeable future,” said Kevin McDonnell, director of engineering at Pratt & Whitney North Berwick Aero Systems. “We have our biggest backlog of new engine deliveries since World War II, and many new engine programs under development. The University of Maine System has a proven track record of providing us top-notch engineers. Pratt & Whitney will continue to look to the Maine University System to provide us with the best and brightest engineers as we develop and build the next generation of gas turbine engines.” The 1 + 3 Maine Engineering Pathways Program creates an opportunity for students to begin the first year of their engineering education at the Bangor and Augusta campuses of the University of Maine at Augusta, the University of Maine at Farmington, the University of Maine at Machias, or the University of Maine at Presque Isle, then complete their engineering degree at the University of Maine or the University of Southern Maine. Students also will be able to access the program at University College locations in Bath/Brunswick, East Millinocket, Ellsworth, Houlton, Norway/South Paris, Rockland, Rumford and Saco with a potential requirement for limited travel to a campus for lab work. The program is intended to serve students who want to begin their academic careers at an institution close to home or who may need access to extra

preparation to be ready for the academic rigors of an engineering education. It also provides students at participating institutions with a chance to explore engineering as a career. Students entering the Maine Engineering Pathways Program will immediately begin their engineering education at participating institutions with an introductory course to explore engineering as a career as well as foundational courses in mathematics and science. Following the successful completion of about 35 credits, students will be able to transfer to either UMaine or USM on track to earn a work-ready degree in engineering in three additional years. "There is great demand from industry for more engineers in Maine," said Dana Humphrey, dean of the College of Engineering at UMaine. "The Maine Engineering Pathways Program will help to address that need by providing a new way for Maine students to start their engineering studies." Interested students and parents can learn more by visiting the Maine Engineering Pathways Program [website](#), downloading a [fact sheet](#), or by contacting [admission offices](#) of the participating institutions. "The University of Southern Maine is pleased to be a leader in the System's multi-pronged approach to addressing the current and future workforce needs of the state of Maine," said Glenn Cummings, president of the University of Southern Maine. "Our successful articulation agreement with Southern Maine Community College has expanded and widened pathways into engineering for students from throughout the region and our collaboration with our public university partners will put more students from throughout the state on a path to a Maine engineering career." In response to a growing engineering shortage in the state, USM and UMaine are working with businesses and industry to develop a bold, multi-year plan to significantly increase the number of job-ready engineers the University of Maine System graduates. The collaborative planning effort is a model for how campuses can work together, as well as with the private sector, to meaningfully address state workforce development needs. Recommendations will be brought to University of Maine System trustees at an upcoming meeting and will build upon the growth in engineering enrollment at both campuses, the state's investment in a new engineering education center at UMaine, and UMaine and USM articulation agreements with Southern Maine Community College that create new pathways to UMaine and USM engineering degrees. UMaine and USM work closely with Maine employers to prepare students for opportunities in the Maine engineering workforce and to align curriculum to employer needs. This collaboration includes experiential learning, guest lectures by Maine industry leaders, internships, job fairs, and assistance with recruiting. More than 150 employers will participate in engineering job fairs at UMaine or USM this academic year or participate at the Maine Engineering Promotion Council's annual expo on Feb. 24 at UMaine. National Public Radio's Marketplace recently profiled a student at the University of Maine at Machias whose goals and experiences exemplify the intent of the Maine Engineering Pathways Program. Contact: Dan Demeritt, 207.441.6962

Voice-Tribune cites Lobster Institute data in story about Louisville feast

24 Jan 2018

The [Voice-Tribune](#) cited statistics from the University of Maine Lobster Institute about rare-colored lobsters in a story about Louisville, Kentucky's annual lobster feast fundraiser called Legendary Louisville. For the event, a fascinator (headpiece) was designed by Christine A. Moore of New York City to pay homage to both the city's Lobster Feast as well as the Kentucky Derby. "Lobsters are pretty interesting, which I never really thought about until this project," said Moore, who was inspired by the rarity of the multicolored specimens. According to the article, the odds of finding a blue lobster are one in every 2 million; gold, one in every 30 million; and the rarest of all — albino, one in every 100 million.

Sun Journal advances Extension Master Gardener training

24 Jan 2018

The [Sun Journal](#) previewed University of Maine Cooperative Extension Master Gardener Volunteers Program training for Androscoggin and Sagadahoc counties that begins March 27, 5–8:30 p.m. at Whiting Farm, 876 Synner St., Auburn. During the 16-week program, participants receive 40-plus hours of training from UMaine Extension educators and industry experts in the art and science of horticulture. Trained Master Gardeners then volunteer time and expertise for activities in their respective communities. Cost is \$220; register [online](#).

Faculty mentoring initiative an important focus for Rising Tide Center

25 Jan 2018

The University of Maine Rising Tide Center has an important leadership role in facilitating interdepartmental faculty mentoring as part of its mission to advance gender equity. Since the center was established in 2010, 69 UMaine faculty members have served as mentors to more than 83 colleagues who joined the university community in recent years. The initial focus on women STEM faculty, as required by the National Science Foundation, has expanded to include all UMaine new and current faculty members, providing support and aiding retention. In fall 2012, Balunkeswar Nayak, assistant professor of food processing in the school of food and agriculture, was one of those new faculty members. He says his mentor Sandra Caron, UMaine professor of family relations and human sexuality, helped “guide me in the right direction” during what he describes as a critical time in 2013–14. “I had challenges understanding my teaching evaluations and students’ behavior,” Nayak says. “Some of the challenges included teaching new courses with students from more than three disciplines and at different levels of understanding. “[We had] open discussions on my teaching style, maintaining high standards in the class with such an array of students, and understanding the evaluation process,” Nayak says. “My teaching has improved since then, with excellent quantitative and qualitative comments from the students. I have been able to design and teach many optimized and balanced courses that [can be] solely credited to my mentor.” Other faculty have noted that the benefits of mentoring by more senior colleagues include increased professional development — from discussions of best practices in teaching and interdisciplinary collaborations to gaining greater understanding of UMaine organization. Such mentoring also supports career advancement and reduces professional isolation, improving job satisfaction. “Mentoring needs to exist in all phases of the faculty career,” says Susan Gardner, director of the Rising Tide Center. “Whether learning how to connect in the community or seeking advice on preparing for promotion, mentoring is important and there’s plenty of research that shows it does make a difference in retention. “For senior faculty, it’s also about giving back. Mentees find it helpful and mentors find it rewarding. It’s all part of fostering change in the campus climate.” In 2013, The Rising Tide Center piloted a targeted mentoring program designed to formalize the process. In his 2000 book, “Advice for New Faculty Members,” Robert Boice noted that informal, spontaneous mentoring only occurs for a third of new faculty. And of the organic mentoring pairings, Boice says the majority die “an early, natural death” due to faculty members’ inherently busy lives. At UMaine in 2011, nearly 26 percent of UMaine’s assistant professors noted that they did not receive mentoring regarding the tenure process from senior colleagues. By 2015, the percentage was reduced to 17 percent with the help of targeted mentoring. The focused commitment is designed both to benefit faculty members and to supplement mentoring provided by departments. Based on their interests and experience, senior faculty volunteers are assigned a mentee to share their expertise. Junior faculty select topics to develop skills in specific areas of academia, such as establishing a research program, preparing competitive grant applications or establishing a reputation as a scholar. A list of the current targeted subject areas is [online](#). On its mentoring website, the Rising Tide Center connects mentors and mentees, and provides resources. In addition, Gardner leads a New Faculty Mentoring workshop, providing additional resources for mentors. The center’s goal is to expand its targeted mentoring efforts to one day provide resources for undergraduate and graduate students, and postdocs, Gardner says. “We have an acute sense at UMaine about the importance of getting and keeping faculty,” Gardner says. “The more we can invest in new people feeling more connected and successful, the better for their academic departments and the future of the university.” Contact: Margaret Nagle, 207.581.3745

President Hunter to receive Bangor Chamber’s public service award

25 Jan 2018

University of Maine President Susan J. Hunter will receive the Catherine Lebowitz Award for Public Service from the Bangor Region Chamber of Commerce on Jan. 26. The award, to be presented at the chamber’s annual dinner at the Cross Insurance Center, recognizes an individual from the public sector who has advanced the cause of economic opportunity in the Bangor region. Hunter also will present this year’s Norbert X. Dowd Award, the chamber’s most prestigious honor, to community leader Jean Deighan. UMaine sponsors the Dowd Award. The chamber’s news release about all the 2018 award winners is [online](#).

Seed swap event, workshop to be held in Waldoboro, VillageSoup reports

25 Jan 2018

[VillageSoup](#) reported the University of Maine Cooperative Extension in Knox and Lincoln counties will hold the annual Seed Swap Day at 10 a.m. Feb. 10 in Waldoboro. The event will include a seed-saving workshop led by Master

Gardener Jean Vose. Participants are invited to bring friends, favorite saved seeds, catalogs and gardening stories to share, the article states. The program will provide an overview of saving seeds, including the history and tradition, its importance, how seed-saving relates to food security, and the best sources for seed, according to the article.

Kirby speaks with BDN about dust mites in the home

25 Jan 2018

Clay Kirby, an associate scientist and insect diagnostician with the University of Maine Cooperative Extension, was interviewed by the [Bangor Daily News](#) for an article about the millions of dust mites that live in homes. Too small to be visible to the naked human eye, dust mites prefer areas that are warm and humid, such as in the bedding and mattresses under sleeping human bodies or in overstuffed chairs and sofas, according to Kirby. “Anyplace like that you — or your pets — spend any amount of time is where they are going to be,” Kirby said. “Your — or your pet’s — transpiration is going to provide the proper temperatures and humidity for dust mites to survive.” Kirby said it is next to impossible to completely eradicate dust mites from the home, but there are steps that can help reduce their populations. Dust mites seem happiest and most prolific in conditions around 70 to 80 percent humidity and between 75 and 80 degrees, he said. “Since they don’t seem to thrive below 60 percent humidity, reducing [the humidity] is one approach [and] if you heat with wood in Maine, that really decreases humidity in your house,” Kirby said.

Civil engineering capstone cited in Sun Journal article on washed-out culvert

25 Jan 2018

The University of Maine College of Engineering was mentioned in a [Sun Journal](#) article about a culvert bridge in Buckfield that was destroyed during an October storm. Local officials have been discussing plans to rebuild the culvert and remove any barriers for fish, according to the article. The Androscoggin River Watershed Council is proposing the town replace the washed-out culvert with a “Stream Smart” crossing, which would be designed to handle fish, sediment and high-flow storm events. Seeing an educational potential in a situation requiring civil and environmental engineering, ARWC’s executive director reached out to the College of Engineering, the article states. Melissa Landon, an associate professor of civil engineering at UMaine, is supervising student capstone projects related to the project. The team is working on a few options to present to town officials, Sun Journal reported.

UMaine mentioned in BDN report on Down East schools looking to improve

25 Jan 2018

The University of Maine was mentioned in the [Bangor Daily News](#) article, “These Down East schools want to fix rural education.” The Transforming Rural Experience in Education program, or TREE, aims to improve the odds for students in rural Washington County towns, according to the article. Backed by brain science, around \$1.3 million in foundation money and a team of education researchers at UMaine and Colby College, TREE plans to make elementary schools in Milbridge, Jonesport and Charlotte rural proving grounds for methods of addressing trauma and stress that can alter a child’s brain chemistry and hinder learning, the article states. While the TREE program has plans for changing teaching methods and mental health support in its schools, it’s also adapting to fill in other cracks, such as providing free dental care, to make sure students are ready to learn, the BDN reported.

American beech dominating, abundance of maples declining due to climate-associated changes in Northeastern forests

26 Jan 2018

The composition of hardwood forests in the Northeastern United States is changing significantly. In the past 30 years in forestlands in four states, climate-associated changes have increased the abundance of American beech compared to three other hardwood species commonly associated with the regional forests, according to University of Maine-led research team. The significant shift to forests dominated by American beech, *Fagus grandifolia*, in Maine, New Hampshire, New York and Vermont is associated with higher temperatures and precipitation, according to Arun Bose

and Aaron Weiskittel at UMaine, and Robert Wagner at Purdue University, the team that conducted the study — one of the first to examine broad-scale changes over a long period of time in the Northeastern United States and southeastern Canada. The change from beech-maple-birch forests to more beech-dominated forestlands could have consequences for ecosystem structure and function, say the researchers. Beech is associated with a widespread bark disease and is known to limit natural regeneration of other species. In addition, the wood has less commercial value. The significant increase in beech in the past three decades also has resulted in decreased incidence of sugar maple, red maple and birch. Factors in the changing forest composition include the ability of beech to shade out the other species. “Our results emphasize the need for management strategies, such as higher intensity harvesting methods, vegetation control and limiting browsing pressure to reduce beech dominance,” according to the researchers, who published their findings in the *Journal of Applied Ecology*. The researchers used U.S. Forest Service Forest Inventory and Analysis data, 1983–2014, for Maine, New Hampshire, New York and Vermont to study the occurrence and abundance of American beech, sugar and red maple, and birch saplings. Their assessment included sapling encroachment into new areas, as well as the abundance of the American beech relative to the other three species. They found the beech-dominated forests particularly evident in the Adirondack Mountains of New York, the Green Mountains of Vermont and the White Mountains of New Hampshire. Climate-associated changes in forest composition often include high mortality in sensitive species and disproportionate favoring of others that can better adapt to the new conditions, the researchers note. In the Northeastern U.S., beech sapling presence and abundance has likely been driven by additional factors, including the long absence of wildfire and clear cutting, and species characteristics, such as shade tolerance. Forest management needs to include large-scale harvesting and canopy opening to preclude beech-dominated forests from developing in even greater areas, according to the researchers. Contact: Margaret Nagle, 207.581.3745

‘Black Bears Have Green Rooms’ promotes carbon footprint reduction

26 Jan 2018

Interested in reducing your carbon footprint and gaining some free swag? Check out the “Black Bears Have Green Rooms” program — a tool for promoting environmental awareness. Alicia Oberholzer, energy efficiency coordinator in the Office of Sustainability, says the program will recognize people who commit to sustainable practices and challenge others to be mindful of reducing collective environmental impact. After receiving a checklist of sustainable and energy-efficient practices, UMaine participants can get together with fellow Black Bears to undertake items — including replacing incandescent light bulbs with LEDs — on the checklist. For faculty and staff, “Green Rooms” are their respective offices. For students, it can be in their residence halls, apartments or houses. Upon verification, Black Bears with “Green Rooms” will receive a sticker or badge certifying their efforts, along with products, including Wicked Joe Organic Coffees, Guayaki Yerba Mate, Hiball Energy drinks, reusable grocery bags, reusable straws and a Klean Kanteen. Interested students, faculty and staff are invited to email Oberholzer at alicia.oberholzer@maine.edu to sign up. Feb. 28 is the deadline to register for the program, which is sponsored by the Office of Sustainability.

Multisite installation part of UMaine Black History Month observance

26 Jan 2018

A photography exhibition by intermedia MFA student Eleanor Kipping, installed in multiple locations across campus, will be a cornerstone of [UMaine’s Black History Month](#) observance this year. Photos in the exhibit, “Brown Paper Bag Test,” will be displayed in the Memorial Union, Fogler Library, New Balance Student Recreation Center and other locations on campus throughout February. Brown paper bags were once used as a point of comparison, with favor given to people with fair skin, Kipping says. The practice that helped define standards of beauty in the black community has been perpetuated in popular culture, and has had a profound impact on women. “The paper bag test was a continued practice long after slavery was abolished and paved the road for contemporary forms of colorism that we see today,” Kipping says. Kipping’s research-based interdisciplinary scholarship explores the black female experience as “other” in the United States, concentrating on hair politics, colorism and racial passing. She draws heavily on black her/history, political narratives and popular culture, and works primarily in performance and installation. For her project, Kipping photographed and interviewed women of color in New York City who volunteered to talk about their interpersonal experiences and views on hair politics and colorism. Portraits of the women in “Brown Paper Bag Test” are complemented by their narratives, will be available in audio files online. While each woman’s experience is unique, “a

uniformity in voice comments on normality of the black female experience,” Kipping says. Kipping says “Brown Paper Bag Test” is an invitation for audiences to explore what role they might play in the narrative.

UMaine mentioned in Press Herald profile on DOT vegetation manager

26 Jan 2018

The University of Maine was mentioned in a [Portland Press Herald](#) feature on Bob Moosmann, vegetation manager for the Maine Department of Transportation. Aware of the threat that colony collapse disorder presents to bees, Moosmann wanted to promote restorative projects to help bring back pollinators. He started collaborating with counterparts at transportation agencies through New England and applied for a grant to study ways to establish native wildflowers, according to the article. Two years ago, the Maine Natural Areas Program began surveying 40 roadside locations around the state, cataloging invasive species and the top 10 plant types in each location. From there, pollinator experts from UMaine took a closer look at 11 of the sites, visiting each three times to inventory bees and butterflies to see which native plants they were attracted to and would benefit the pollinators most, the article states. Once the final report is done, Moosmann will develop a restoration plan and start implementing it in areas like the newly cleared roadsides along I-295, Press Herald reported.

Education Dive cites Trostel in report on institutional investments in athletics

26 Jan 2018

Philip Trostel, a professor of economics at the University of Maine, was mentioned in the [Education Dive](#) article, “Are institutional investments in athletics driving negative perceptions of higher ed?” During December’s Higher Education Government Relations Conference in San Diego, Trostel said there’s a growing sense of public disdain for paying for higher education on the notion that a college degree helps individuals earn more over their lifetimes, according to the article. Similarly, there is a growing disdain among public officials over the salaries and administrative spending of leaders in higher education, which has led legislators to not only decide not to allocate more funds to higher ed in many states, but to find ways to restrict the spending of funds already allocated, the article states.

Pettigrew speaks with Mount Desert Islander about data-gathering buoys

26 Jan 2018

Neal Pettigrew, a professor of oceanography at the University of Maine, was interviewed by [Mount Desert Islander](#) for an article about the current state of UMaine’s network of data-gathering buoys in the Gulf of Maine. Pettigrew is the director of the Gulf of Maine Ocean Observatory System, which designed and built the buoys and deployed them at 12 locations in 2001, according to the article. The number of locations is now down to seven. “At that time, they were state of the art, the best ocean observing buoys anywhere in the world,” Pettigrew said, adding they often are still considered the best, but technology has since improved, and funding for the project has become a challenge. Sensors attached to the buoys collect data about ocean temperatures, currents and salinity levels, as well as air temperature, wind speed and direction, and the height and frequency of waves, the article states. The data are continuously transmitted and posted online. “Lobstermen tell us the first thing they do every morning is get online and see what the conditions are out there, and then they decide whether or not it’s worth going out,” Pettigrew said. “They tell us they believe it saves lives.”

Z107.3 features UMaine Today video on White

26 Jan 2018

[Z107.3](#) posted a UMaine Today video feature on Christopher White. White leads the Pride of Maine Black Bear Marching Band, Screamin’ Black Bear Pep Band, and the Symphonic Band.

Kersbergen quoted in Lancaster Farming article on farming in frigid temperatures

26 Jan 2018

Rick Kersbergen, a sustainable dairy and forage systems expert with the University of Maine Cooperative Extension, spoke with [Lancaster Farming](#) for an article about caring for livestock during subfreezing temperatures. In colder regions such as Maine, Kersbergen said most calves are born indoors and many have warming boxes. “We encourage extra feeding of milk for newborn calves during cold weather. Some of our biggest issues are wind and wet weather. Most animals can handle the cold pretty well. Issues happen when the (animals) get wet from a warm snap and (then) we have rain followed by extreme cold,” he said.

Media report on UMS launch of engineering pathway program

26 Jan 2018

[WVII](#) (Channel 7) and [The Free Press](#) reported the University of Maine System will launch the Maine Engineering Pathways Program in fall 2018 to help more students prepare for a Maine-based engineering career and to build workforce development capacity in response to a critical state shortage. The program is designed so students can graduate in four years from an accredited engineering program ready to join the Maine workforce. The 1 + 3 Maine Engineering Pathways Program creates an opportunity for students to begin the first year of their engineering education at the Bangor and Augusta campuses of the University of Maine at Augusta, the University of Maine at Farmington, the University of Maine at Machias, or the University of Maine at Presque Isle, then complete their engineering degree at UMaine or the University of Southern Maine. “I think this will be a great new pathway, and I think we’re going to capture students who wouldn’t otherwise be able to study engineering by allowing them to start at one of the smaller campuses,” Dana Humphrey, dean of the College of Engineering at UMaine, told WVII.

Discussion of Park Street traffic issues Jan. 30 on campus

26 Jan 2018

Park Street traffic issues will be the focus of a meeting Jan. 30, 12:30 p.m., in the Bangor Room, Memorial Union, featuring free pizza and discussion led by Orono town officials.

UMaine to kick off Black History Month events with Unity March

29 Jan 2018

Editor's note: This story was updated Jan. 30. The University of Maine will observe Black History Month with a series of on-campus events throughout February. The activities will kick off at noon Feb. 1 with a Unity March and flag raising on the Mall in front of Fogler Library. The march will be followed by opening remarks in the North Pod of Memorial Union. Throughout February, the UMaine Black Student Union and Office of Multicultural Student Life will host Black History Month Mondays and Lunch-n-Learn Student Development Discussions. Black History Month Mondays will be held noon–2 p.m. Feb. 5, 12, 19 and 26 in the Office of Multicultural Student Life, Memorial Union. Guests are invited to enjoy a catered lunch, short film and discussion on topics including social justice, racial identity and revolution. Lunch-n-Learn Student Development Discussions will be held at 1 p.m. Feb. 7 and 21 in the Office of Multicultural Student Life or COE Room, Memorial Union. The discussions will give students the opportunity to engage with successful individuals of color from Maine and the region. A photography exhibition by intermedia MFA student Eleanor Kipping will be installed in multiple locations across campus throughout the month. Photos in the exhibit, “Brown Paper Bag Test,” will be displayed in the Memorial Union, Fogler Library, New Balance Student Recreation Center and other locations. More about the exhibit is [online](#). Other scheduled activities include:

- Student art exhibition, Feb. 1–28 at Innovative Media Research and Commercialization Center.
- Community potluck, 5 p.m. Feb. 2 in North Pod, Memorial Union, with guests University of Maine at Machias Black Student Union.
- Kickin’ Flicks collaboration with Campus Activities and Student Engagement, 8 p.m. Feb. 7 and 10, “Marshall;” 8 p.m. Feb. 21 and 24, “Love Beats Rhymes,” in Neville 101 on Wednesdays and North Pod, Memorial Union on Saturdays.
- Interactive workshops led by graduate student and artist Eleanor Kipping, 1 p.m. Feb. 8 and 22 in Bangor Room,

Memorial Union.

- Open Mic Night, 7 p.m. Feb. 9 in North Pod, Memorial Union.
- LGBTea Party, 2 p.m. Feb. 13 and 27 in Rainbow Resource Center, Memorial Union. LGBTea Parties are biweekly group discussions about current events and LGBTQ+ topics. During Black History Month, topics to be discussed will include violence against trans women of color and race in the LGBTQ+ community.
- Trivia night, 8–10 p.m. Feb. 15 in Bear's Den, Memorial Union.
- Dodgeball tournament, 11 a.m.–4 p.m. Feb. 24, New Balance Student Recreation Center. The New Balance Student Recreation Center and Student Wellness Center will host the inaugural Black History Month Dodgeball Tournament. Teams will pay to enter the tournament and all funds will go toward the Black Student Union Scholarship fund.
- Student sit-in and reading from the black feminist collective, Combahee River Collective Statement, noon Feb. 28 in Memorial Union. A post-reading discussion will be held at 6 p.m. at The Wilson Center.

More information about Black History Month, including a complete schedule is [online](#). For additional information, email Silvestre Guzman, silvestre.guzman@maine.edu.

University of Maine announces fall 2017 Dean's List

29 Jan 2018

Editor's note: story updated Feb. 6, 2018. The University of Maine recognized 2,229 students for achieving Dean's List honors in the fall 2017 semester. Of the students who made the Dean's List, 1,609 are from Maine, 559 are from 32 other states and 61 are from 27 countries other than the U.S. Listed below are students who received Dean's List honors for fall 2017, 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
Abay	Betelhem	Addis Ababa		Ethiopia
Abbott	Marshall	Portland	ME	
Aberle	Tanner	Springfield	VT	
Aboulfarage	Saleh	Jeddah		Saudi Arabia
Abrams	Joshua	Poland	ME	
Acheson	Julianna	Andover	MA	
Ackley	Matthew	Rockport	ME	
Adams	Chloe	Pompano Beach	FL	
Adams	Daniel	Norwalk	CT	
Adams	Molly	Caribou	ME	
Adams	Thomas	Falmouth	ME	

Adaschik	Allison	Salem	NH	
Ahearn	Matthew	Medway	MA	
Ahmed	Mohammed	Philadelphia	PA	
Aiken	Kara	Westford	MA	
Aiken	Nicholas	Sheffield	VT	
Alamer	Mohammed	Orono	ME	
Alamo	Kylemartin	Boothbay	ME	
Albanese	Joelle	Frenchtown	NJ	
Albano	Michaela	Wells	ME	
Albert	Christopher	Bradford	ME	
Alboum	Steven	Hillsborough	NJ	
Alcorn	Justin	Old Town	ME	
Aldrich	Matthew	Windham	ME	
Alexander	Jared	Gardiner	ME	
Alexander	Stephanie	New York	NY	
Alexandrou	Rachel	Orono	ME	
Alhammadi	Mohamed	Abu Dhabi		United Arab Emirates
Ali	Yousuf	Orono	ME	
Allen	Jordan	Gorham	ME	
Allen	Mathew	Sanford	ME	
Allen	Zoe	South Berwick	ME	
Allisot	Sarah	Old Town	ME	
				United Arab

Almaazmi	Ammar	Abu Dhabi		Emirates
Alsaady	Thoalfakar	Old Town	ME	
Alsamsam	Omar	Bangor	ME	
Alvarez	Nicholas	South Portland	ME	
Amaral	Jillian	Orono	ME	
Andersen	Emilie	Orono	ME	
Anderson	Alec	Scarborough	ME	
Anderson	Gustav	Phippsburg	ME	
Anderson	Ryan	Eliot	ME	
Anderson	Stephanie	Salem	NH	
Andrews	Brady	Litchfield	ME	
Andrews	Joshua	Bangor	ME	
Angelo	Edward	Troy	ME	
Anson	Morgan	North Vancouver	BC	Canada
Antz	Thomas	Portland	ME	
Anzurez Uroza	Eduardo	South Portland	ME	
Aquino	Juliette	Beverly	NJ	
Archambault	Griffin	Wayland	MA	
Archer	Rebecca	Gray	ME	
Ardans	Christine	Calhan	CO	
Armistead	Dawson	Bangor	ME	
Armstrong	Francesca	Easton	ME	
Arnold	Olivia	Ogunquit	ME	

Arsenault	Michaela	Cumberland Center	ME	
Arthur	Danielle	Canton	MA	
Arundel	Clayton	Saco	ME	
Arya	Nishchay	Bangor	ME	
Ashey	Noah	Bangor	ME	
Ashley	Bethany	Buxton	ME	
Audet	Alexander	Pittsfield	ME	
Audet	David	Augusta	ME	
Austin	Jared	Brewer	ME	
Austin	Kaleb	Skowhegan	ME	
Austin	Sierra	Norwich	CT	
Austin	Wyatt	Cape Neddick	ME	
Avena	Sydney	East Lyme	CT	
Averill	Collin	Brewer	ME	
Avery	Taylor	Hampden	ME	
Ayers	Michael	Waterville	ME	
Ayotte	Elizabeth	Old Town	ME	
Ayotte	Stephanie	Saco	ME	
Ayvazian	Zachary	Wilmington	MA	
Babcock	Caroline	Fremont	NH	
Barber	Makenzie	Veazie	ME	
Bacon	Millie	Newcastle upon Tyne		United Kingdom
Bacon	Paige	Hermon	ME	

Baert	Nathan	North Waterboro	ME	
Baez	Alan	Waterville	ME	
Bailey	Alexis	Old Town	ME	
Bailey	Bradley	Randolph	ME	
Bailey	Caleb	Saco	ME	
Bailey	Hannah	Hampden	ME	
Bailey	Nicole	Nepean	ON	Canada
Bailey	Taylor	Vassalboro	ME	
Baird	Sara	Westfield	MA	
Baker	Howard	Cheltenham		United Kingdom
Baker	Joshua	Glenburn	ME	
Baker	Sarah	Glenburn	ME	
Ballard	Brianna	Bangor	ME	
Ballew	Erin	Hallowell	ME	
Balshaw	Philippa	Chippenham		United Kingdom
Barbera	John	Yarmouth	ME	
Bard	Logan	Bangor	ME	
Barill	Sean	Greensburg	PA	
Barker	Cleo	Portland	ME	
Barnard	Linnea	Auburn	ME	
Barnes	Emily	Bradley	ME	
Barnes	Emma	Wexford	PA	
Barnes	Ridge	Old Town	ME	

Barnett	Amanda	South Portland	ME	
Barnett	Emily	North Monmouth	ME	
Barnsdale	Alice	Market Rasen		United Kingdom
Barry	James	Bangor	ME	
Barry	Kyle	Hampden	ME	
Bartash	Riley	Lincoln	ME	
Bartlett	Drew	Eliot	ME	
Barto	Benjamin	Avon	CT	
Barwood	Joel	Francestown	NH	
Basile	Matthew	Saco	ME	
Bassett	Isabel	Auburn	ME	
Bastidas	Eric	Caldwell	NJ	
Baxter	Silvia	Portland	ME	
Bayer	Molly	Tolland	CT	
Beal	Stacey	Beals	ME	
Beaudoin	Joseph	Kennebunk	ME	
Beaudoin	Nicolas	Woodland	ME	
Beaudoin	Samuel	Acton	ME	
Beaulieu	Maria	Skowhegan	ME	
Beauregard	Braden	Plainfield	CT	
Beccia	Willow	Northborough	MA	
Becker	Samuel	Saint Paul	MN	
Beebe	Connor	Reading	PA	

Begin	Noah	Damariscotta	ME	
Behan	Jamie	Seekonk	MA	
Belanger	Alexander	Dayton	ME	
Belanger	Jordan	Moscow	ME	
Belanger	Kirstie	Skowhegan	ME	
Belanger	Michael	Amherst	NH	
Bellefleur	Alexis	Auburn	ME	
Belleville	Hannah	Salem	CT	
Beneduci	Zachary	Troy	NY	
Beneski	Jessica	Revere	MA	
Benner	Heather	Veazie	ME	
Bennett	Drew	Brewer	ME	
Bennett	Eliza	Raymond	ME	
Bennett	Madison	Hampden	ME	
Benson	Courtney	Holden	ME	
Benson	Erik	Newtown	CT	
Berenyi	Dagan	Searsport	ME	
Bergdoll	Eliana	Burnham	ME	
Bergeron	Jessalyn	Old Town	ME	
Bergeron	Rachael	Waterville	ME	
Bergeron	Ryan	Howland	ME	
Berghoff	Sonia	Easthampton	MA	
Bermudez Patino	Marina	Santiago de Compostela		Spain

Bernheim	Lilja	South China	ME	
Bernier	Amy	Orono	ME	
Bernier	Kyle	Sidney	ME	
Bernier	Tyler	Westbrook	ME	
Berrill	Emily	Gorham	ME	
Bertin	Ryan	Gorham	ME	
Bertrand	Marshal	Hubbardston	MA	
Bertwell	Lindsey	Derry	NH	
Berwick	Kyle	Gorham	NH	
Bibbo	Madison	Danvers	MA	
Biegel	Abigail	Gorham	ME	
Bierut	Alexa	Plymouth	MA	
Billings	Kayla	Gorham	ME	
Bilodeau	Jeffrey	West Gardiner	ME	
Bilodeau	Juliana	Brewer	ME	
Binette	Dalton	Milan	NH	
Binette	Maliyan	Milford	ME	
Bishop	Jenna	Bangor	ME	
Bissonnette	Aaron	Orono	ME	
Biswas	Oisin	Brewer	ME	
Blaine	Steven	York	ME	
Blake	Austin	Windham	ME	
Blanchard	Dawsin	Gray	ME	

Blanchard	Matthew	Cumberland Center	ME	
Blangiardi	Peter	Newburyport	MA	
Blodgett	Miranda	Lowell	MA	
Blood	Benjamin	Orono	ME	
Bloom	Jacob	Scarborough	ME	
Bloom	Sierra	Bar Harbor	ME	
Bloomer	Timothy	Hopkinton	MA	
Blouin	Ian	Etna	ME	
Boardway	Garrett	Clifton	ME	
Bock	Christopher	Yarmouth	ME	
Bolduc	Celine	Dixfield	ME	
Bolduc	Kellie	Waterville	ME	
Bolduc	Natalie	Dixfield	ME	
Bolduc	Samantha	Lisbon Falls	ME	
Bolduc	Samuel	Bangor	ME	
Bond	Seth	Ludlow	ME	
Bonner	Derek	Wayland	MA	
Bonneville	Lucie	Belfast	ME	
Bonney	Rachel	Oxford	MA	
Boomer	Rebekah	Hampden	ME	
Boomer	Sarah	Hampden	ME	
Boos	Meghan	Naples	ME	
Boothby	Samantha	Ellsworth	ME	

Borger	Emily	Old Town	ME	
Boucher	Adam	Wellesley Hills	MA	
Boucher	Chayton	Bangor	ME	
Boucher	Ryan	Madawaska	ME	
Boudreau	Jacob	South China	ME	
Bouffard	Connor	Biddeford	ME	
Boulos	Jaime	New Gloucester	ME	
Bourgeois	Evan	Williston	VT	
Bourque	Ashlyn	Biddeford	ME	
Bousfield	Kayla	Glenburn	ME	
Boutaugh	Caryn	Millinocket	ME	
Boutiette	Amber	Orono	ME	
Boutot	Hunter	Old Orchard Beach	ME	
Bouziane	Ikbale			Morocco
Bowden	Katrina	Hudson	ME	
Bowen	Cagney	Thornton	NH	
Bowen	John	Norway	ME	
Bowen	Julia	Harpswell	ME	
Bowers	Matthew	Melrose	MA	
Bowie	Cameron	Orono	ME	
Bowie	Jordan	Windsor	ME	
Bowman	Amie	Brewer	ME	
Boynton	Maylinda	Belfast	ME	

Bozzelli	Racquel	Dover Foxcroft	ME	
Brace	Kayla	Lewis Lake	NS	Canada
Bradford	Katrina	Corinth	ME	
Bradshaw	Jacob	Berwick	ME	
Bradstreet	Olivia	Palermo	ME	
Brady	Erin	Scarborough	ME	
Bragdon	Austin	Madawaska	ME	
Bragdon	Emma	Eddington	ME	
Bragg	Lily	Mount Vernon	ME	
Brainerd	Amanda	Bangor	ME	
Braley	Taylor	Alton	ME	
Brann	Kaylee	Benton	ME	
Bray	Ryan	Cumberland Center	ME	
Brenner	William	Livermore	ME	
Brett	Courtney	Portland	ME	
Brewer	Erin	Poland	ME	
Brickman	Emma	Fort Kent	ME	
Bridges	Cole	Baring Plantation	ME	
Briere	Benjamin	Prevost	QC	Canada
Briggs	Alyson	Bangor	ME	
Bristol	Genevieve	Etna	NH	
Britton	Alex	Falmouth	ME	
Britton	Jack	Falmouth	ME	

Broad	Kelsey	Manchester	ME	
Brochu	Camille	Hardwick	VT	
Broderick	Ava	Lincoln	ME	
Bromberg	Caroline	Bar Harbor	ME	
Brooks	Drew	Lyman	ME	
Brooks	Kayla	Dixfield	ME	
Brooks	Rachel	Clifton	ME	
Brown	Aaron	Clinton	ME	
Brown	Caden	Manchester	ME	
Brown	Isiah	Farmington	ME	
Brown	James	Orono	ME	
Brown	Kathleen	Portsmouth	RI	
Brown	Kendall	Allison Park	PA	
Brown	Molly	Bar Harbor	ME	
Brown	Nicole	Lamoine	ME	
Brown	Shannon	Medford	MA	
Brown	Zoe	Eliot	ME	
Brownawell	Hannah	Rockport	ME	
Bruce	Jack	Durham	ME	
Brunton	Christopher	Old Town	ME	
Budway	Emma	Scarborough	ME	
Buendia	Noel	Waldoboro	ME	
Bullard	Andrew	Alfred	ME	

Bullard	Daniel	Alfred	ME	
Burch	Madison	Bath	ME	
Burgason	Johanna	Old Town	ME	
Burgess	Jacob	North Berwick	ME	
Burke	Jeffrey	Bangor	ME	
Burke	Nathaniel	North Chelmsford	MA	
Burke-Monsanto	Kiana	Nahant	MA	
Burns	Delaney	Gorham	ME	
Burns	Emily	Hermon	ME	
Burris	Amber	Orrington	ME	
Burt	Madison	Brunswick	ME	
Bush	Caroline	Holden	ME	
Bushey	Margaret	Biddeford	ME	
Bussiere	Jasmine	Jay	ME	
Buswell	Carly	Stetson	ME	
Butler	Andrew	Berwick	ME	
Butler	Cole	Auburn	ME	
Butler	Kendall	Harwinton	CT	
Buttarazzi	Jacob	Arundel	ME	
Butts	Erin	Brunswick	ME	
Buxton	Madison	Veazie	ME	
Buzzell	Heather	Brunswick	ME	
Buzzell	Melissa	Waterville	ME	

Buzzell	Shannon	Monmouth	ME	
Buzzelli	Angelina	Charleston	ME	
Byard	Tessa	Dedham	ME	
Byers	Ryan	Hermon	ME	
Byrne	Devin	Old Lyme	CT	
Byrne	Emilia	Kittery	ME	
Byrnes	Meaghan	Windham	ME	
Byron	Christopher	North Yarmouth	ME	
Cabral	Jillian	East Providence	RI	
Cadran	Haley	New Gloucester	ME	
Cahill	Sean	Yarmouth	ME	
Cahoon	Skye	Wrentham	MA	
Cali	Joseph	Henrietta	NY	
Callahan	Emily	Raymond	ME	
Callahan	Kathryn	Bangor	ME	
Callahan	Mikaela	Waterboro	ME	
Camarata	Lindsay	Brentwood	NH	
Campbell	Brody	Mariaville	ME	
Campbell	Haley	Winslow	ME	
Campbell	Morgan	Bangor	ME	
Campbell	Rebecca	Sanford	ME	
Campbell	Treva	Winslow	ME	
Campion	Ryan	Kittery	ME	

Campo	John	Toms River	NJ	
Cantin	Ethan	Peru	ME	
Capaldi	Vincent	Levittown	PA	
Capistrant-Fossa	Kyle	West Springfield	MA	
Car	Noah	Hobe Sound	FL	
Carey	Brendan	Lincolnvile	ME	
Carey	Christopher	Bangor	ME	
Carey	Mariah	Plymouth	ME	
Carey	Quinn	Essex	CT	
Carle	Forrest	Calais	ME	
Carlson	Aidan	Wiscasset	ME	
Carlson	Maeve	Wiscasset	ME	
Carlson	Rachel	Lutz	FL	
Caron	Vanessa	Sanford	ME	
Carpenter	Cynthia	Williston	VT	
Carr	Hannah	Lewiston	ME	
Carr	Josh	Calais	ME	
Carrier	Grant	Harpswell	ME	
Carroll	Cassandra	Enfield	CT	
Carroll	Nathan	Millville	MA	
Carron	Leah	Detroit	ME	
Carten	Sarah	Reading	MA	
Carter	Bailey	Fairfield	ME	

Cartlidge	Calen	Orono	ME	
Caruso	Joseph	Peru	ME	
Caruso	Paul	Cumberland Center	ME	
Carvalho	Emily	Dorchester	MA	
Carver	Lauren	Emmitsburg	MD	
Casburn	Garrett	Orrington	ME	
Casey	Julia	Brunswick	ME	
Casey	William	Dover Foxcroft	ME	
Cashman	Andrew	Scarborough	ME	
Cashman	Austin	Windsor	CT	
Cashman	Sean	Old Town	ME	
Castiello	Isabella	Lynn	MA	
Castiglia	Elana	Eddington	ME	
Castonguay	Nicole	Wayne	ME	
Castonguay	Rachel	Wayne	ME	
Castro	Anthony	Cape Elizabeth	ME	
Caulfield	Kathryn	Naples	ME	
Cedor	Hailey	North Kingstown	RI	
Cham	Harrison	Pittsburgh	PA	
Champagne	Elizabeth	Poland	ME	
Champagne	Josie	Fairfield	ME	
Chandler	Alexander	Farmington	ME	
Chandler	Lauren	Phippsburg	ME	

Chapman	Carroll	Embden	ME	
Charest	Samantha	Methuen	MA	
Charest	Sophie	Auburn	ME	
Charles	Sydney	Fryeburg	ME	
Charlton	Amanda	Lexington	MA	
Chasse	Benjamin	Hampden	ME	
Chasse	Nicholas	Bangor	ME	
Chasse	Nicole	East Millinocket	ME	
Chen	Liwen	Portland	ME	
Cheng	Peng	Ashland	ME	
Chervenak	Donald	Windham	ME	
Chick	Kaitlyn	Readfield	ME	
Childs	Jeremiah	Litchfield	ME	
Chiles	Jamie Leigh	North Andover	MA	
Chinnock	William	Yarmouth	ME	
Chouhan	Tanay	Dubai		United Arab Emirates
Christianson	Devin	Seal Cove	ME	
Ciance	Michael	Contoocook	NH	
Clachar	Ariel	Strafford	NH	
Claflin	Corey	Newburyport	MA	
Clark	Camden	Newport	ME	
Clark	Dylan	Bangor	ME	
Clark	Emma	Saco	ME	

Clark	John	Orono	ME	
Clark	Joshua	Brunswick	ME	
Clark	Kevin	Merrimac	MA	
Clark	Matthew	Old Town	ME	
Clark	Mea	Northeast Harbor	ME	
Clark	Samantha	Brunswick	ME	
Clarke	Naedia	Randolph	MA	
Clasby	James	Loudon	NH	
Claudel	Christina	Palermo	ME	
Claus	Kyle	South Berwick	ME	
Clavette	Renee	South Berwick	ME	
Cleary	Julia	Wakefield	MA	
Cleary	Spencer	Marstons Mills	MA	
Clemens	Jennifer	Bar Harbor	ME	
Clifford	Dillon	Lisbon Falls	ME	
Clifford	Jaimi	Augusta	ME	
Cline	Hunter	Gilead	ME	
Closson	Matthew	Hampden	ME	
Cloutier	Troy	Waterboro	ME	
Cobotic	Samantha	Douglaston	NY	
Coco	Aviana	Merrimack	NH	
Cogley	Peter	Roxbury	ME	
Cohen	Sophie	Warren	ME	

Colby	Marybeth	Gloucester	MA	
Collard	Tanner	Arundel	ME	
Collias	Joseph	Wilton	CT	
Collier	Caroline	Charlestown	MA	
Collins	Adam	Caribou	ME	
Collins	Claire	Enfield	CT	
Collupy	Jacob	East Waterboro	ME	
Comeau	Austin	Old Town	ME	
Comeau	Stephen	Bangor	ME	
Comtois	Abigail	Warwick	RI	
Conlon	John	Marshfield	MA	
Connelly	Joseph	Vassalboro	ME	
Connelly	Katherine	Cape Elizabeth	ME	
Connolly	Kahli	South Weymouth	MA	
Conrad	Michael	Kennebunkport	ME	
Conrad	Olivia	Yarmouth	ME	
Conroy	Ashley	Franklin	MA	
Conway	Maia	Rutland	VT	
Conway	Ryan	Pepperell	MA	
Cook	Joshua	Vergennes	VT	
Cooper	Alexandra	Exeter	ME	
Cooper	Ashley	Bangor	ME	
Corbett	Emily	Listowel	ON	Canada

Corbin	Corinne	Caribou	ME	
Corey	Taylor	Plainville	MA	
Corman	Mayzie	Portland	ME	
Cormier	Kaleb	Van Buren	ME	
Cormier	Maria	Sullivan	ME	
Correale	David	Bangor	ME	
Corthell	Delaney	Bow	NH	
Cosgrove	Kristin	West Gardiner	ME	
Cosgrove	Sydni	Bangor	ME	
Cossette	Emma	Quebec	QC	Canada
Costigan	James	Charlestown	RI	
Cotton	Katherine	Glenburn	ME	
Courchaine	Victoria	Kittery	ME	
Courtney	Justin	Bangor	ME	
Courtois	Shelby	Saco	ME	
Cousins	Brittany	Milford	ME	
Couture	Abigail	Berwick	ME	
Couture	Emalee	West Gardiner	ME	
Covolo	Sophia	Portsmouth	NH	
Cowan	Grace	Madison	ME	
Cox	Chessie	Boston	MA	
Cox	Thomas	Orono	ME	
Coyle	Cormac	Lebanon	NH	

Coyne	Aidan	Bangor	ME	
Coyne	Emily	North Yarmouth	ME	
Craig	Gabrielle	Old Town	ME	
Craig	Jovon	Brewer	ME	
Craig	Phillip	Ashland	ME	
Cram	Baylie	West Bath	ME	
Cramer	Andrew	Chatham	NJ	
Crawford	Anthony	Wells	ME	
Crawford	Chelsea	Topsham	ME	
Crawford	Loreli	Eddington	ME	
Crawford	Vincent	Wells	ME	
Cray	Taylor	Readfield	ME	
Cressey	Anna	Kennebunk	ME	
Croce	Allison	Newport	ME	
Crocker	Brandon	Glenburn	ME	
Crocker	Mason	Orono	ME	
Crockett-Current	Sophia	Acton	ME	
Cronin	Taylor	Naples	ME	
Crooker	Ethan	Prentiss Township	ME	
Cropley	Colleen	Hermon	ME	
Crouse	Bryan	Westbrook	ME	
Crowell	Dylan	Bath	ME	
Crowley	Jamie	Old Orchard Beach	ME	

Crucianelli	Paula	Westbrook	ME	
Cullinane	Grace	Enfield	NH	
Cummings	Claudia	Indian Island	ME	
Cunniff	Kyle	Groveland	MA	
Cunningham	Isobel	Raymond	ME	
Curran	Nicolette	Skowhegan	ME	
Currier	Tori	Bradley	ME	
Curtis	Brooke	Skowhegan	ME	
Curtis	Hunter	Richmond	ME	
Curtis	Jacob	Pembroke	ME	
Cusack	Amanda	York	ME	
Cusato	Felicia	Marlton	NJ	
Cushing	Victoria	Clifton	ME	
Cushman	Jaycee	Mercer	ME	
Cyr	Shaylyn	Glenburn	ME	
D'Alessio	Daniel	Rockland	MA	
Daggett	Christopher	Chelsea	ME	
Dagher	Anna-Maria	Veazie	ME	
Daigle	Christiana	Litchfield	ME	
Daigle	Courtney	Madawaska	ME	
Daley	Erin	Stratham	NH	
Daley	Jennie	Sullivan	ME	
Daley	Jordan	Calais	ME	

Daly	Courtney	Scarborough	ME	
Dam	Olivia	Lewiston	ME	
Damon	Brianna	Sumner	ME	
Damon	Elizabeth	Sumner	ME	
Damon	Madison	Scarborough	ME	
Damuck	Ellie	Searsport	ME	
Dana	Madalyn	Perry	ME	
Dana	Mingwun	Greenbush	ME	
Danahy	Cassandra	Natick	MA	
Danse	Zachary	Auburn	ME	
Daoud	Sabrina	Rumford	ME	
Dapprich	Susanne	Lawrence Township	NJ	
Darragh	Jade	Bucksport	ME	
Dassow	Timothy	Orono	ME	
Davan	Kiley	Freeport	ME	
Davee	John	Hope	ME	
Davee	Molly	Rockport	ME	
Davidson	Haley	North Billerica	MA	
Davidson	Rachel	Sharon	MA	
Davies	Meagan	Sutton	MA	
Davis	Daniel	Dedham	ME	
Davis	Elizabeth	Yarmouth	ME	
Davis	Reed	Dedham	ME	

Davis	Samantha	Ellsworth	ME	
Davis	Seth	Liberty	ME	
Day	Abigail	Turner	ME	
Dean	Allison	Madison	ME	
DeBrock	Spencer	Newtown	CT	
Dechaine	Cassandra	Stillwater	ME	
Dee	Elizabeth	Reading	MA	
Deering	Emily	Waxhaw	NC	
DeGone	Brianna	Turner	ME	
DeHaas	Abigail	Carmel	ME	
Del Vecchio	Felix	South Portland	ME	
Delano	Sarah	Houlton	ME	
Delcourt	Meaghan	Old Town	ME	
Delgado	Hebert	Bangor	ME	
DeLisle	Lillian	Rome	ME	
DellaMattera	Allison	Belfast	ME	
DeLorenzo	Kristiana	Bridgewater	MA	
Demaris	Colleen	Milo	ME	
DeMello	Benjamin	Rochester	MA	
Demosthenes	Jacob	Topsham	ME	
Denery	Keegan	Bath	ME	
Denis	Alex	Topsham	ME	
Deon	Hanna	Industry	ME	

Deroche	Caroline	Eddington	ME	
Deschenes	Hannah	Brentwood	NH	
Despres	Abigail	Fayette	ME	
Desrochers	Spencer	Biddeford	ME	
Detwiler	Rachel	Arrowsic	ME	
Detwiler	Sean	Arrowsic	ME	
Devoe	Marcus	Naples	ME	
Dickson	Bethani	Old Town	ME	
Dickson	Caroline	Fairfax	VA	
DiFederico	Gina	Milford	CT	
Dignan	Jason	Bangor	ME	
Dillingham	Julia	Turner	ME	
DiPano	Daniel	Pepperell	MA	
DiRenzo	Katherine	North Attleboro	MA	
Dixon	Brandon	Solon	ME	
Doan	Henry	Perth		Australia
Docos	Gunnar	Harrison	ME	
Dodier	Leah	Eliot	ME	
Doe	Stewart	Kennebunkport	ME	
Doiron	Cara	Bangor	ME	
Dominique	Nicholas	Blaine	ME	
Dong	Bingying	Belfast	ME	
Donnelly	Ian	Windham	ME	

Donnelly	Joshua	Brewer	ME	
Donovan	Corey	Billerica	MA	
Donovan	Matthew	Belmont	MA	
Donovan	Zoe	Brunswick	ME	
Dooling	Katie	South Portland	ME	
Dore	Ashlyn	Aberdeen	SD	
Dore	Kelsey	Aberdeen	SD	
Dorr	Madeline	McLean	VA	
Dorransoro	Vanessa	Walpole	MA	
Doty	Emily	Lyndonville	VT	
Doucette	Dylan	North Berwick	ME	
Doucette	Olivia	Hampden	ME	
Doughty	Candace	Brewer	ME	
Douglas	Annita	Biddeford	ME	
Douglass	Derek	Bridgton	ME	
Dowd	Shannon	Mendon	MA	
Dowman	Emily	Essex Junction	VT	
Downey	Declan	Dedham	MA	
Doyle	Abigail	South Berwick	ME	
Doyle	Johna	Gorham	ME	
Doyon	Laura	Hampden	ME	
Drake	Hunter	Hudson	MA	
Drewrey	Kevin	Medway	ME	

Drinkwater	Maggie	South Thomaston	ME	
Drinkwater	Nicholas	North Billerica	MA	
Driscoll	Anna	Scarborough	ME	
Driscoll	Megan	Chelmsford	MA	
Driscoll	Paige	South Windsor	CT	
Driscoll	Sean	Haverhill	MA	
Drown	Susannah	Bangor	ME	
Drum	Philip	Silver Spring	MD	
Drummond	Hannah	Veazie	ME	
Dubay	Cameron	Auburn	ME	
Dube	Kaitlyn	Woolwich	ME	
Dube	Katherine	Arundel	ME	
DuBois	Desirae	Levant	ME	
Duffield	Charles	Old Town	ME	
Duffin	Sarah	Pawtucket	RI	
Duffy	Shannah	Brunswick	ME	
Dugal	Elena	Brunswick	ME	
Duggan	Ashley	Old Town	ME	
Duggan	Kayleigh	West Roxbury	MA	
Dumas	Jazlyn	Lewiston	ME	
Duncan	Cameron	Changewater	NJ	
Dunroe	Megan	Hampden	ME	
Duplissie	Mason	Milford	ME	

Dupont	Taylor	North Berwick	ME	
Durrah	Abigail	Hampden	ME	
Dustin	Zane	Hebron	ME	
Dwelley	Mikala	Bowdoin	ME	
Dye	Jarod	Hallowell	ME	
Dyer	Hannah	Hermon	ME	
Eames	Erica	Southport	ME	
Earl-Johnson	Dylan	Topsham	ME	
Early	Logan	East Stroudsburg	PA	
East	Alyson	Calais	ME	
Ebihara	Tomohiro	Lexington	MA	
Edgar	William	South Portland	ME	
Edge	Brandon	Orono	ME	
Edrington	Jeffrey	Laguna Hills	CA	
Egan	Matthew	Sanford	ME	
Egeland	Dylan	Scarborough	ME	
Eggert	Jacob	Clifton	ME	
Elkins	Abigail	Hampden	ME	
Elliott	Allysah	South Paris	ME	
Elliott	Ashleigh	South Paris	ME	
Ellis	Micaela	Brooks	ME	
Elmiligy	Asmaa	Norwood	MA	
Elwell	Lydia	Hartland	ME	

Elz Hammond	Emma	Old Town	ME	
Embelton	Cody	Easton	ME	
Emerich	Rachel	Lincoln Park	NJ	
Emerson	Brandon	Augusta	ME	
Emerson	Paige	Richmond	ME	
Emerson	Thomas	Topsham	ME	
Emery	Allison	Mechanic Falls	ME	
Engholm	Jack	York	ME	
English	Emily	Monroe	ME	
Enrico	Blake	Freeport	ME	
Erickson	Jo-an	Acton	MA	
Ermold	Kendra	Saco	ME	
Erwin	Rosaleen	Brunswick	ME	
Esposito	Joseph	Portland	ME	
Estes	Alan	Newburyport	MA	
Estes	MaryKathryn	Richmond	VT	
Etro	Isabella	Eliot	ME	
Evangelista	Shania	Old Orchard Beach	ME	
Evans	Jesse	Cross Junction	VA	
Everett	Emma	Presque Isle	ME	
Everett	Tyler	Waterboro	ME	
Everitt	Julia	Newport	RI	
Fahey	Amy	Bangor	ME	

Falasca	John	Salisbury	MA	
Falkin	Amy	Roswell	GA	
Falkner	Noah	Ashland	OR	
Fandel	Olivia	Orono	ME	
Farnham	Nathan	Hermon	ME	
Farrell	Kensington	Framingham	MA	
Farrin	Abigail	Jefferson	ME	
Farrington	Adam	Brewer	ME	
Farrington	Cierra	West Baldwin	ME	
Farstad	Benjamin	Albany	NY	
Fasano	Julia	Jefferson	ME	
Fasth	Gregory	Bangor	ME	
Faucher	Benjamin	Berlin	NH	
Feenstra	Rachel	Ellington	CT	
Feeny	Chloe	Cochranville	PA	
Feero	Keegan	Old Town	ME	
Felix	Nicole	Lynn	MA	
Fellows	Mitchell	Readfield	ME	
Ferguson	Grace	Gray	ME	
Ferguson	Julianna	Sandwich	MA	
Ferguson	Quinn	Poland	ME	
Fernald	Ian	Phippsburg	ME	
Fernandez-Soto	Tatiana	Beverly	MA	

Ferrante	Noah	Portland	ME	
Ferrara	Jack	Stratford	CT	
Ferrauolo	Nicholas	Wallingford	CT	
Ferris	Brooke	Brookfield	CT	
Fickett	Joshua	Orono	ME	
Finnegan	Kendra	Thomaston	ME	
Finnemore	Kate	Caribou	ME	
Fisher	Zachary	Old Town	ME	
Fitts	Abigail	Carmel	ME	
Fitzpatrick	Julianne	Wells	ME	
Flaherty	Brendan	Acton	MA	
Flanagan	Benjamin	Brunswick	ME	
Flanders	Ashley	Belfast	ME	
Flannery	Alexander	Hampden	ME	
Flegel	Gabriel	Bucksport	ME	
Flessen	Ivy	Batavia	IL	
Fletcher	Nicole	Winslow	ME	
Fluet	Zoe	Cumberland Center	ME	
Flynn	Jillian	Caribou	ME	
Flynn	Liam	Raymond	ME	
Fogarty	Kelly	Walpole	MA	
Fogarty	Trevor	Dexter	ME	
Fogg	Lauren	Old Orchard Beach	ME	

Foley	Aine	Montville	ME	
Foley	Jackson	Eliot	ME	
Foley	Laurie	Bangor	ME	
Folger	Hannah	South Berwick	ME	
Follansbee	Katherine	Scarborough	ME	
Fong	Tristan	Hope	ME	
Fonger	Sierra	Jackson	ME	
Ford	Katelyn	Presque Isle	ME	
Foss	Allyn	Solon	ME	
Foss	Jacob	Livermore	ME	
Fossier	Mitchell	Alpharetta	GA	
Foster	William	Poland	ME	
Fournier	Casey	South Portland	ME	
Fournier	Emma	Turner	ME	
Fournier	Jordan	Buxton	ME	
Fournier	Noah	Carrabassett Valley	ME	
Fowler	Camden	Newtown	CT	
Fox	Jacob	Enfield	NH	
Fox	Sydney	East Millinocket	ME	
Foye	Madison	Kittery	ME	
Frame	Alexa	Belgrade Lakes	ME	
Frank	Samantha	Windham	ME	
Franklin	Amy	Bath	ME	

Fratzke	Emily	Murrieta	CA	
Fredericks	Carly	Ashland	ME	
Freedman	Jamison	Eddington	ME	
Freeman	Amelia	Monmouth	ME	
Freudenberger	Laura	Palmyra	ME	
Frisard	Meghan	Worcester	MA	
Fullmer	Adam	Hallowell	ME	
Furrow	Trudy	Bangor	ME	
Gagne	Cassidy	Barrington	NH	
Gagne	Hailey	South Berwick	ME	
Gagne	Tyler	South Portland	ME	
Gagner	Kayla	Gorham	ME	
Gagnon	Justin	Milford	ME	
Gallant	Austin	Gray	ME	
Galli	Michael	South Hamilton	MA	
Garand	Melissa	Manchester	ME	
Gardner	Faith	Walpole	NH	
Gardner	Hope	Walpole	NH	
Gardner	Ryan	Brewer	ME	
Garfield	Jeffrey	Lowell	ME	
Garfield	Nicholas	Lowell	ME	
Garland	Roy	Scarborough	ME	
Garner	Emma	Sandown	NH	

Garson	Gabrielle	Gorham	ME	
Garuti	Anthony	Nashua	NH	
Gautrau	Margaret	Old Town	ME	
Gayer	Nicholas	Vassalboro	ME	
Gayton	Dominic	Calais	ME	
Gayton	Kayla	Sabattus	ME	
Gaza	Khouloud	Souse		Tunisia
Gazura	Kaylie	Setauket	NY	
Gebhart	Jacob	Cranston	RI	
Gecawicz	Michael	Acton	MA	
Geiser	Breannah	Bangor	ME	
Gendreau	Jacob	Saint David	ME	
Genenbacher	Lauren	Yorkville	IL	
Georges	Marie-France	Orono	ME	
German	Laurine	South Portland	ME	
Gerow	Kennedy	Glenburn	ME	
Giffault	Paige	Stonington	CT	
Gifford	Miranda	Bradley	ME	
Giggey	Thomas	Bowdoin	ME	
Giguere	Arianna	Westbrook	ME	
Gilbert	Christopher	Bernardston	MA	
Gilbert	Mariah	Saco	ME	
Gilboe	Austin	Jay	ME	

Gilmore	Emily	Holden	ME	
Gilmour	Alyssa	Cato	NY	
Gilson	Henry	Topsham	ME	
Girgis	Jacob	Madison	ME	
Girgis	Joshua	Madison	ME	
Giroux	Anna	Westbrook	ME	
Giroux	Brendon	Richmond	VT	
Giroux	Christopher	Topsham	ME	
Gisler	Sarah	Lansing	NY	
Gladu	Jacob	Leeds	ME	
Glatter	Ella	Houlton	ME	
Gleason	Kyle	Sidney	ME	
Glidden	Abigail	Lee	ME	
Glidden	Abigail	Palermo	ME	
Gluchanicz	Alice	New Harbor	ME	
Gluckman	Danielle	Deerfield	IL	
Godbout	Nathan	Hebron	ME	
Godin	Melodie	Orono	ME	
Goff	Brandon	Monmouth	ME	
Gogan	David	Houlton	ME	
Goggin	Darian	Ellsworth	ME	
Gogos	Katina	Belmont	MA	
Goins	Faythe	Elgin	SC	

Gold	Daniele	Southwick	MA	
Golias	Katherine	Mount Royal	NJ	
Gonyea	Keely	Hermon	ME	
Gonzalez	Emma	Knoxville	TN	
Good	Elyse	Walpole	MA	
Goodenough	Bryant	Eliot	ME	
Goodine	Devanne	Warwick	RI	
Goodwin	Chelsie	Alfred	ME	
Gordon	Joshua	Presque Isle	ME	
Gordon	Rochelle	Horseheads	NY	
Gorny	Ramona	Hannover		Germany
Gotschlich	Colin	Gorham	ME	
Gottwalt	Catherine	Mound	MN	
Gould	Antyna	Washington	ME	
Goulette	Spencer	York	ME	
Goulette	Zachary	Turner	ME	
Grady	Tara	Exeter	NH	
Grallert	Sophia	Lewiston	ME	
Gramour	Dakota	Houlton	ME	
Gramse	Matthew	Falmouth	ME	
Gramse	Michael	Falmouth	ME	
Granquist	Sojourn	West Farmington	ME	
Grant	Allison	Berwick	ME	

Grassa	Allison	Milton	MA	
Gray	Anthony	Orono	ME	
Gray	Chloe	Saco	ME	
Gray	Kayla	Verona Island	ME	
Greaney	Emily	Mercer	ME	
Greco	Callie	Greene	ME	
Greco	Clifford	Greene	ME	
Green	Adam	Bangor	ME	
Green	Adam	Winslow	ME	
Green	Kendra	Old Town	ME	
Green	Mary	Presque Isle	ME	
Green	Mckenzie	Augusta	ME	
Green	Sheldon	Barkhamsted	CT	
Greene	Aoife	Waterford		Ireland
Greenlee	Aidan	Cumberland Center	ME	
Greenlee	Liam	Cumberland Center	ME	
Grennon	Christopher	Cape Elizabeth	ME	
Grey	Audrey	Cape Elizabeth	ME	
Griffin	Liam	North Berwick	ME	
Griffin	Sara	Parlin	NJ	
Griffith	Thomas	Orono	ME	
Grindle	Alexa	Holden	ME	
Grindle	Ila	Bucksport	ME	

Grindle	Joel	Brunswick	ME	
Grindle	Kaylee	Bucksport	ME	
Grinnan	Rebecca	Sullivan	ME	
Groening	Patrick	Belfast	ME	
Grondin	Sarah	Falmouth	ME	
Gu	Xuyang	Shanghai		China
Guarnieri	Lucia	Belgrade	ME	
Gudde	Madeline	Caribou	ME	
Guillemette	Mair	Manchester	ME	
Guimond	Andrew	Saint Agatha	ME	
Guimond	Dominic	Portland	ME	
Gundlach	Chelsey	Norwood	MA	
Guptill	Cordell	Old Town	ME	
Guptill	Lauren	Waldoboro	ME	
Gurschick	Karl	Bangor	ME	
Guy	Whitney	Orono	ME	
Haas	Derek	Old Town	ME	
Hacker	Benjamin	Beverly	MA	
Haded	Rebecca	Burlington	MA	
Hagaman	Mykayla	Pickerington	OH	
Hagerty	Erin	Loudon	NH	
Hagin	Amber	Warren	ME	
Hahn	Konstantin	Mannheim		Germany

Hale	Michelle	Casco	ME	
Hale	Zachary	Fairfield	ME	
Haley	Casco	Amherst	ME	
Hall	Heather	Orono	ME	
Hall	Jacob	Old Town	ME	
Hallowell	Angela	Presque Isle	ME	
Hamalainen	Natalie	Camden	ME	
Hamblen	Ryan	Gorham	ME	
Hamblet	Trevor	Fairfield	ME	
Hamel	Ryan	Palermo	ME	
Hamilton	Joshua	Alton	ME	
Hamilton	Mary	Old Town	ME	
Hamm	Taylor	Old Town	ME	
Hammes	Theresa	Millersville	PA	
Hammond	Sarah	Auburn	ME	
Hanafin	Thomas	Burlington	MA	
Haney	Megan	Hudson	ME	
Hanley-Miller	Annie	Durham	NH	
Hanscom	Thomas	Orrington	ME	
Hansen	Darria	Orono	ME	
Hansen	Jens	Augusta	ME	
Hanson	Emily	Gray	ME	
Hanson	Kaitlyn	Warren	ME	

Hanson	Paige	Fairfield	ME	
Hanson	Thomas	Brunswick	ME	
Harding	Marcus	Wells	ME	
Harmon	Natalie	Fayette	ME	
Harmon	Rachel	Hodgdon	ME	
Harmon	Sierra	Winslow	ME	
Haroldsen	Kaleigh	Kennebunk	ME	
Harper	Josephine	Maxfield	ME	
Harriman	Emily	Belfast	ME	
Harrington	Raegan	Orono	ME	
Harris	Bryan	Lake Hopatcong	NJ	
Harris	Justin	South China	ME	
Hartwell	Abigail	Billerica	MA	
Harvey	Ryan	Cape Elizabeth	ME	
Hase	Niklas	Buxton	ME	
Hashmi	Mohammad	Veazie	ME	
Hatch	Peter	Acton	MA	
Hatfield	MacKenzie	Danville	NH	
Haughton	Austin	Kingston	MA	
Haverly-Johndro	Brody	Newport	ME	
Havey	Heather	Franklin	ME	
Haviland	Lucan	Norway	ME	
Haviland	Zachary	Waterbury	VT	

Hayes	Emily	Auburn	ME	
Hayes	Emily	New Hyde Park	NY	
Hayes	Kaylee	North Waterboro	ME	
Hayward	Kaitlyn	South China	ME	
Heard	Daniel	Albion	ME	
Hebert	Evan	Madawaska	ME	
Hebert	Taylor	Windham	ME	
Hedrick	Tina	Delta	PA	
Heiland	Rebekah	Torrington	CT	
Hein	Jill	Holden	ME	
Henningson	Jack	Northborough	MA	
Hepburn	Annie	Eliot	ME	
Hepler	Irja	Orono	ME	
Herasme	Orlensy	Worcester	MA	
Hermann	Daniel	Houlton	ME	
Hernandez	Tristan	Miami	FL	
Herrschaft	Gene	Portland	ME	
Herzog	Marta	Presque Isle	ME	
Heulitt	Lauren	The Forks Plantation	ME	
Heuschkel	James	New Hartford	CT	
Heyden	Deborah	Carmel	ME	
Hickey	Lauren	Marlborough	CT	
Hicks	Tyler	Gray	ME	

Hilario	Isaiah	North Andover	MA	
Hill	Alexandria	Millis	MA	
Hill	Cassidy	Searsmont	ME	
Hill	Ethan	Old Town	ME	
Hill	Gwendelyn	Saco	ME	
Hillery	Caitlin	Glenburn	ME	
Hilliard	Willem	Blue Hill	ME	
Hillis	Cole	Bath	ME	
Hilton	Jason	Mercer	ME	
Hindley	Zachery	Freeport	ME	
Hines	Emma	Portland	ME	
Hinkle	John	Scarborough	ME	
Hinkley	Kylie	Jonesport	ME	
Hoak	Sarah	Dexter	ME	
Hodge	Emma	East Hampstead	NH	
Hodous	Dorothy	Round Pond	ME	
Hofacker	Nicole	Greene	ME	
Hoffman	Amanda	Stoughton	MA	
Hogan	Audrey	Tomball	TX	
Hogan	Steven	Ballston Spa	NY	
Hollstein	Jeffrey	Pembroke	MA	
Holman	Zachary	Mount Vernon	ME	
Holmberg	David	Orono	ME	

Holmes	Kailey	Eddington	ME	
Holway	Samuel	Hyannis	MA	
Holyoke	Emelynn	Brewer	ME	
Hooke	Hannah	Bangor	ME	
Hooke	Steven	Bangor	ME	
Hooper	Abbott	Lebanon	CT	
Hooper	Megan	Mercer	ME	
Horne	Joshua	Jay	ME	
Horne	Kayla	Windham	ME	
Horovitz	Jane	Washington	ME	
Horrigan	Shae	Sanford	ME	
Horton	Haley	South Berwick	ME	
Horwood	Caroline	East Sandwich	MA	
Hoskins	Daniel	Barkhamsted	CT	
Hotham	Amanda	Fort Fairfield	ME	
Houdlette	Taylor	Dresden	ME	
Houp	Lindsay	Brewer	ME	
Houp	Megan	Hampden	ME	
Howe	Abigail	Southwick	MA	
Howe	David	Stow	MA	
Howell	Megan	Mount Desert	ME	
Howes	Lanie	Athens	ME	
Hoyle	Audrey	Alfred	ME	

Hoyle	Faith	Alfred	ME	
Hubbard	Kennedy	Orono	ME	
Hubbard	Lauren	Augusta	ME	
Huff	James	Sullivan	ME	
Hughes	Mariah	Dexter	ME	
Hummel	Victoria	Niederoesterreich		Austria
Hunter	Michael	Caribou	ME	
Huntley	Emma	Machiasport	ME	
Hurley	Madison	Arlington	MA	
Hurley	Patrick	Medford	NJ	
Hurrell	Megan	Saco	ME	
Hussey	Karah	Hudson	ME	
Hussey	Zachary	Hudson	ME	
Hutchins	Andrew	Alna	ME	
Hutchinson	Emma	Topsham	ME	
Hutchinson	Jessie	Wilton	ME	
Huynh	Kelvin	Portland	ME	
Huynh	Nguyen	Corinna	ME	
Hyde	Courtney	Veazie	ME	
Iannuzzi	Julia	Sparta	NJ	
Iasenytska	Iaryna	Kiev		Ukraine
Idelkope	David	Chesterfield	NH	
Ieng	Sydney	Augusta	ME	

Ingalls	Colin	Bowdoin	ME	
Ingalls	Rachel	Hermon	ME	
Inglis	Nicole	Medfield	MA	
Ingram	Matthew	Winthrop	ME	
Ip	Brandon	Pembroke	MA	
Ireland	Meghan	Tampa	FL	
Irvine	Abigail	Seal Cove	ME	
Irvine	Clara	Farmingdale	ME	
Jack	Simaiya	Taunton	MA	
Jackson	Carly	Amherst	NS	Canada
Jackson	Emily	Otisfield	ME	
Jackson	Kayla	Bangor	ME	
Jackson	Madalyn	Old Town	ME	
Jackson	Marcilla	Old Town	ME	
Jackson	Stephen	Orono	ME	
Jacques	Miranda	Manchester	NH	
Jakubow	Nicole	New York	NY	
James	Matthew	Milton	MA	
Jameson	Mitchell	Bangor	ME	
Jandreau	Emma	Caribou	ME	
Jarosz	Danielle	Wells	ME	
Jarvis	Kenedy	Presque Isle	ME	
Jasenski	Jessica	Tolland	CT	

Jaye	Emily	Bangor	ME	
Jeffrey	Benjamin	Orrington	ME	
Jenkins	Jordan	Greenville	RI	
Jennings	Chantal	Brookline	NH	
Jennings	Leah	Holden	ME	
Jesiolowski	Jessica	Hampden	ME	
Jiang	Yujie	Orono	ME	
Jipson	Kaylee	Auburn	ME	
Johnson	Cassandra	Warren	PA	
Johnson	Connor	Taunton	MA	
Johnson	Cory	Camden	ME	
Johnson	Dean	Springvale	ME	
Johnson	Garrett	Holden	ME	
Johnson	Kirsten	Orono	ME	
Johnson	Michael	Orono	ME	
Johnson	Rachel	South Thomaston	ME	
Johnson	Samuel	Mount Desert	ME	
Johnston	Kasey	Lockport	NY	
Joliat	Melody	Holden	ME	
Jonasson	Chloe	Orrington	ME	
Jones	Andrew	Scarborough	ME	
Jones	Mary	Falmouth	MA	
Jordan	Nathaniel	Scarborough	ME	

Jordan	Nicholas	Waltham	ME	
Jordan	Samuel	Camden	ME	
Jorge	Madalyn	Ayer	MA	
Josselyn	Courtney	Mechanicsburg	PA	
Jourdain	Emmaeve	Becket	MA	
Joyce	Reilley	Westbrook	ME	
Judkins	Jordyn	Deer Isle	ME	
Jurlina	Antonio	Old Town	ME	
Kaczynski	Gabrielle	Bloomsbury	NJ	
Kalmus	Jordan	Brookfield	CT	
Kane	Ian	Fairport	NY	
Kane	Patrick	Braintree	MA	
Kaplan	Julia	Hull	MA	
Karam	Abram	Bangor	ME	
Karam	Gabriel	Bangor	ME	
Karas	Hanna	Hope	ME	
Karchenes	Tanager	Stratton	ME	
Karim	Mohamad	Orono	ME	
Karpa	Jessica	Birdsboro	PA	
Karparis	Daniel	Plympton	MA	
Karris	Alexander	Hampden	ME	
Karunasiri	Chathu	Caribou	ME	
Karunasiri	Chaya	Caribou	ME	

Kasperek	Catherine	Milford	NH	
Kaufman	Mia	Gorham	ME	
Kauppila	Wesley	Newburgh	ME	
Kavanah	Grace	Readfield	ME	
Kay	John	Hingham	MA	
Kayser	Ashley	Kennebunk	ME	
Keating	Liam	South Berwick	ME	
Keaton	Joanna	North Reading	MA	
Keene	Paisley	Poland	ME	
Keezer	Kyle	Winthrop	ME	
Kelley	Jordan	Old Town	ME	
Kelley	Kaitlin	Glenburn	ME	
Kemble	Peter	Bangor	ME	
Kendezi	Petrit	Yarmouth	ME	
Kennedy	Alexander	Plaistow	NH	
Kennedy	Kelli	Milbridge	ME	
Kennedy	Kyle	Cape Elizabeth	ME	
Kenney	Christopher	Houlton	ME	
Kerbs	Caleb	Brooklyn	NY	
Kerrigan	Kaitlyn	Monmouth	ME	
Kerrigan	Shannon	Litchfield	NH	
Kershner	Noah	Newport	ME	
Ketch	Jacob	Bradley	ME	

Keydel	Oscar	South Burlington	VT	
Khan	Rukhsar	Bangor	ME	
Khiyara	Ines	Crisnee		Belgium
Kiah	Robert	Holden	ME	
Kieu	Khoa	Da Nang		Vietnam
Kiidli	Taaniel	South Portland	ME	
Kikteva	Zlata	Kyiv		Ukraine
Kimball	Allen	Saint Albans	ME	
Kimball	Frances	Bridgton	ME	
Kincaid	Jonathan	Orrington	ME	
King	Ali	Old Town	ME	
King	Andrew	South Hadley	MA	
King	Chelsea	Holden	ME	
King	Courtney	Augusta	ME	
King	Samuel	Barton	VT	
Kingston	Victoria	Port Severn	ON	Canada
Kirbach	Anastasia	Bangor	ME	
Kirk	Katherine	Scarborough	ME	
Kirkpatrick	Kalli	Freeport	ME	
Klebon	Kathryn	Newark	DE	
Klose	Rachael	Bethlehem	PA	
Knarr	Derek	Old Town	ME	
Knight	Rachel	Dixfield	ME	

Knous	Bailey	Franklin	MA	
Knowlton	Nicole	Millinocket	ME	
Koenigsberg	Ava	Portland	ME	
Kohtala	Hope	Mechanic Falls	ME	
Kolesnikova	Elena	Moscow		Russian Federation
Koller	Angus	Monmouth	ME	
Konitzer	Bridget	Ipswich	MA	
Korpaczewski	Summer	Sanford	ME	
Kotkowski	Priscilla	Hope Valley	RI	
Kovalik	Nicholas	Stratford	CT	
Kowash	Christopher	Saco	ME	
Kowash	Michael	Saco	ME	
Koza	Dylan	Raymond	ME	
Krakowski	Stephanie	Oak Ridge	NJ	
Krause	Thomas	Fort Fairfield	ME	
Kucia	Samuel	Farmington	CT	
Kuhner	Johanna	Viernheim		Germany
Kukk	Kora	Brookfield	CT	
Kulinski	Anna	Monmouth	ME	
Kupstis	Kyle	Marion	CT	
Kurmin	Andrew	Marshfield	MA	
Kutchmarick	Aleksandr	Gorham	ME	
Kuusela	Branden	Gorham	ME	

Kwiatkowski	Zane	Marietta	GA	
L'Heureux	Allison	Springvale	ME	
La Verde	Nataschia	South Portland	ME	
Labbe	Desiree	North Waterboro	ME	
LaBrecque	Cameron	Bangor	ME	
Labun	Michael	Hampden	ME	
Ladderbush	Emily	Lynn	MA	
Lafevers	Orie	Hampden	ME	
Lagerstrom	Emily	Presque Isle	ME	
Lagerstrom	Lindsey	Presque Isle	ME	
LaGross	Ryan	Palmyra	ME	
LaJoie	Nicholas	Van Buren	ME	
Laliberte	Patrick	Windham	ME	
LaMagna	Luke	Freeport	ME	
Lamb	Jada	Poland	ME	
Lambert	Brady	Brockton	MA	
Lambert	Jacqueline	Presque Isle	ME	
Lambert	Parker	Presque Isle	ME	
Lammers Lisnet	Natalie	Bangor	ME	
Lamonica	Bria	Blackwood	NJ	
Lamoureux	Briana	Kittery	ME	
Lamphear	Westley	Inlet	NY	
Lancaster	Joseph	Scarborough	ME	

Landry	Dylan	Weare	NH	
Landry	Renee	Rockland	ME	
Landry	Taylor	Auburn	ME	
Lane	Anna	York	ME	
Lang	Lauren	Old Town	ME	
Langley	Austin	Freeport	ME	
Langlois	Connor	Scarborough	ME	
Lanham	Taylor	Orono	ME	
Laperle	John	Berlin	VT	
LaPiere	Teagan	Bangor	ME	
Laplante	Erica	Scarborough	ME	
LaPointe	Danielle	Sebago	ME	
Lappin	Olivia	Scarborough	ME	
Larence	Ciara	Northbridge	MA	
LaRiviere	Ian	Sullivan	ME	
LaRosa	Natalie	Ruskin	FL	
Latario	Sarah	Groton	MA	
Lau	Jordan	Auburn	ME	
Lauria	Autumn	Armonk	NY	
Laurita	Henry	Hope	ME	
Laverdiere	Amanda	Orono	ME	
Lavigne	Drew	Saco	ME	
Lavoie	Lydia	Winthrop	ME	

Lavoie	Matthew	Wells	ME	
Lavway	Ryan	Mapleton	ME	
Laweryson	Cody	Bingham	ME	
Lawler	Marshall	Pittsfield	ME	
Lawrence	Rochelle	Hampden	ME	
Lawrence	Stephanie	Bellevue	WA	
Le	Jasmin	Lisbon	ME	
Leach	Madison	Easton	ME	
Leach	Maren	Hermon	ME	
Leary	Benjamin	Saco	ME	
Leavitt	Samuel	Brunswick	ME	
LeBlanc	Hooper	Honolulu	HI	
LeClair	Emily	Milford	ME	
Lee	Vanessa	Richmond	ME	
Leerburger	Kaitlyn	Riva	MD	
Lees	Charles	Saco	ME	
LeFevre	Kevin	Honeoye Falls	NY	
Legere	Jenna	Milford	ME	
Lelio	Danielle	Lee	NH	
Leman	Ava	South Berwick	ME	
Lemin	Elizabeth	Bangor	ME	
Lenentine	Taylor	Sidney	ME	
Lenfest	Eben	Smithfield	ME	

Lengyel	Maddison	South Portland	ME	
Lenson	Samuel	Natick	MA	
Leonard	Erika	Rocky Hill	CT	
Leonard	Hayley	Braintree	MA	
LePage	Zachary	Morrisonville	NY	
Lesko	Daniel	Farmington	ME	
Lessard	Patricia	Jackman	ME	
Lessard	Trevor	Greene	ME	
Letourneau	Kiana	Fairfield	ME	
Levesque	Andrew	Augusta	ME	
Levesque	Christine	Bowdoin	ME	
Levy	Ethan	Saco	ME	
Lewia	Michaela	Skowhegan	ME	
Lewis	Alexandra	Raymond	ME	
Lewis	Emily	Liberty	ME	
Leydon	Connor	Kingston	MA	
Li	Shumin	Heihe		China
Li	Youran	Huai'an		China
Li	Zhenhang	Beijing		China
Libbey	Ryan	Auburn	ME	
Libby	Alyssa	Buxton	ME	
Libby	Holly	Exeter	ME	
Libby	Katharine	Cumberland Center	ME	

Libby	Sadie	Skowhegan	ME	
Lichtenberg	Ian	Lincoln	ME	
Lifland	Breanna	Limington	ME	
Ligon	Stella	Hancock	ME	
Lilley	Tessa	Hampden	ME	
Lima	Kyle	Ellsworth	ME	
Lin	Yihan	Xiamen		China
Lindsay	Alexis	Orrington	ME	
Lindsay	Benjamin	Scarborough	ME	
Lindsley	Spencer	Bath	ME	
Littlefield	Briana	Freedom	ME	
Littlefield	Elizabeth	North Berwick	ME	
Livingston	Kayla	Billerica	MA	
Lizarriturri Fernandez	Francisco	A Corunha		Spain
Lochowski	Andrew	East Haddam	CT	
Loftin	Lori	Tampa	FL	
Logan	Madeline	Buxton	ME	
Long	Jordyn	Limington	ME	
Longley	Devlin	Greenwood	ME	
Loranger	Matthew	Norton	MA	
Lord	Rebecca	Gorham	ME	
Loseby	Justin	White River Junction	VT	
Love	Delaney	Milford	ME	

Lovejoy	Noah	Turner	ME	
Lovejoy	Victoria	Augusta	ME	
Loveless	Noah	Granby	CT	
Lovely	Emmaline	Lebanon	ME	
Lovering	Alyssa	North Yarmouth	ME	
Lowry	Heather	Alstead	NH	
Luc	Rachel	Bangor	ME	
Luce	Sean	Gorham	ME	
Lucy	Colleen	Verona Island	ME	
Lueders	Emma	Canton	ME	
Luksevis	Sage	Burlington	VT	
Lund	Emily	Cherry Hill	NJ	
Lunn	Nicholas	Old Town	ME	
Luther	Alanna	Skowhegan	ME	
Lydick	Victoria	Saint John	IN	
Lyman	Benjamin	Norridgewock	ME	
Lynch	Heidi	Veazie	ME	
Lynn	Joshua	Wilbraham	MA	
MacAdam	Noah	Orono	ME	
MacArthur	Jennifer	Waterville	ME	
Macauley	Madeleine	Mount Desert	ME	
MacDonald	Eamon	Audubon	NJ	
Mace	Kelby	Readfield	ME	

MacGregor	Molly	Peabody	MA	
Machesney	Leala	Portland	ME	
Maclaurin	Euan	South Portland	ME	
MacMillan	Ben	Freeport	ME	
Macolini	Kate	Wells	ME	
MacVane	William	Sykesville	MD	
Madden	Erik	Oxford	CT	
Madden	Patrick	Washington	ME	
Maffucci	Maria	Revere	MA	
Magee	Sarah	Gilmanton	NH	
Magnan	Maria	Enosburg Falls	VT	
Magnano	Salvatore	Southington	CT	
Magnusen	Jocelyn	Whitefield	ME	
Magnuson	Lauren	South Portland	ME	
Mahoney	Erin	Portland	ME	
Maier	Michael	Thornton	NH	
Maietta	Avery	Hampden	ME	
Mailman	Jason	Essex Junction	VT	
Maines	Nicole	Portland	ME	
Mallett	Samuel	Lee	ME	
Maloy	Maggie	Biddeford	ME	
Malvin	Jacqueline	Greenbush	ME	
Mandeville	April	Hooksett	NH	

Manley	Eric	Manchester	ME	
Manley	Mary-Margaret	Manchester	ME	
Mann	Courtney	Greenville	ME	
Manning	Cormac	Ballincollig		Ireland
Manson	Hillary	Corinna	ME	
Mansour	Isaiah	Fairfield	CT	
Mantoni	Michael	Blackstone	MA	
Marcotte	Jonathan	Bangor	ME	
Marean	Emily	Westbrook	ME	
Marin	Trevor	Benton	ME	
Markevich	Colton	Bangor	ME	
Marley	Carrie	Hermon	ME	
Maroon	Cody	Winslow	ME	
Marshall	Charles	White Hall	MD	
Martel	Marissa	Cumberland Center	ME	
Martin	Chelsea	Poland	ME	
Martin	Hunter	Ripley	ME	
Martin	Jeanne	Salisbury	MA	
Martin	John	Plymouth	MA	
Martin	Lauren	Bradley	ME	
Martin	Paige	Bath	ME	
Martin	Teiga	Bremen	ME	
Mascarenhas	Cassandra	Mississauga	ON	Canada

Mason	Clayton	Rutland	MA	
Mason	Mikayla	Orono	ME	
Masse	Libbey	Brunswick	ME	
Mathieu	Ethan	Sanford	ME	
Mathis	Nathan	Portland	ME	
Matson	Katherine	Englewood	CO	
Matson	Samantha	Needham Heights	MA	
Mattson	Gregory	Westminster	MA	
Maxim	Kelsey	Old Town	ME	
May	Miriam	Dennis	MA	
Maynard	Nicholas	North Yarmouth	ME	
Mayo	Douglas	Bridgton	ME	
McAllister	Justin	Carmel	ME	
McAvoy	Stephanie	Rochester	NY	
McCaffery	Bailey	Washington	ME	
McCaslin	Hunter	Winslow	ME	
McCullough	Kaitlyn	Rockland	ME	
McCurdy	Annalise	Lawrence	KS	
McDermott	Grace	Groton	MA	
McDonald	Alicia	Fryeburg	ME	
McDonald	Catherine	Jonesport	ME	
McDonald	Jamie	Parsonsfield	ME	
McDonald	Sydney	Madison	ME	

McDonald	William	Glenburn	ME	
McDonough	Hunter	North Pomfret	VT	
McDougal	Danielle	Stillwater	ME	
McEachern	Courtney	Medfield	MA	
McGill	Elijah	Windham	ME	
McGillivray	Megan	Regina	SK	Canada
McGlynn	Alyssa	Westwood	NJ	
McGrath	Courtney	Fryeburg	ME	
McGrath	Elizabeth	East Weymouth	MA	
McGraw	Morgan	Orono	ME	
McGuire	Teresa	Orono	ME	
McInnis	Tim	Portland	ME	
McKay	Quinn	Bangor	ME	
McKay	Reyleigh	Scarborough	ME	
McKinney	Marc	Belfast	ME	
McKinney	Mika	Belfast	ME	
McKinney	Tracey	Belfast	ME	
McLaughlin	Benjamin	Manchester	ME	
McLaughlin	Emily	Hudson	MA	
McLaughlin	Kalee	Old Town	ME	
McLean	Sasha	Chebeague Island	ME	
McLeod	Kasey	Swanville	ME	
McLeod	Ryann	Rutland	VT	

McMinis	Bennie	Wells	ME	
McMorrow	Kathryn	Rockport	ME	
McNally	Nicole	Kittery	ME	
McNally II	Jeffrey	Gorham	ME	
McNamara	Luke	Eliot	ME	
McNicholl	Gemma	Downingtown	PA	
McNutt	Nathaniel	West Paris	ME	
McPhail	Quinn	Windham	ME	
McTiernan	Elijah	Tewksbury	MA	
Meade	Julia	Skowhegan	ME	
Medeiros	Edward	Rehoboth	MA	
Medina	Joshua	Seguin	TX	
Mehuren	Sadee	Searsmont	ME	
Meidahl	Hannah	Clinton	ME	
Melmed	Garvey	Old Town	ME	
Melvin	Shania	Waldoboro	ME	
Merchant	Erin	Windham	ME	
Merchant	Hunter	Northport	ME	
Mercier	Kathryn	Sidney	ME	
Merrifield	Hilary	West Rockport	ME	
Merrill	Kaelie	Norridgewock	ME	
Merrill	Logan	Norridgewock	ME	
Merrow	Devin	Rumford	ME	

Meserve	Arianna	South Paris	ME	
Messerman	Taylor	Brunswick	ME	
Messina	Nicholas	Derry	NH	
Messmer	Brian	Topsham	ME	
Meuse	Zachary	Atkinson	NH	
Michaud	Matthew	Greenwood	ME	
Michaud	Sawyer	Belgrade	ME	
Mickiewicz	Jackman	South Portland	ME	
Miles	Daniel	Acton	ME	
Millan-Modia	Blanca	A Coruna		Spain
Miller	Alicia	Bradford	ME	
Miller	Cassandra	Pittsfield	ME	
Miller	Cole	Hiram	ME	
Miller	Dylan	Auburn	ME	
Miller	Forrest	Holden	ME	
Miller	Hayden	Parkville	MD	
Miller	Shane	Orono	ME	
Millett	Jacob	Orono	ME	
Mills	Matthew	Wiscasset	ME	
Mills	Robert	Bangor	ME	
Milner	Carrie	Lincolnville	ME	
Miner	Jordan	East Baldwin	ME	
Mininni	Anna	Biddeford	ME	

Mitchell	Sarah	Camden	ME	
Mitman	Ivy	Strong	ME	
Mix	Marlana	Charlotte	MI	
Mizzoni	Nicholas	Saco	ME	
Molt	Logan	Orono	ME	
Monahan	Katarina	Eddington	ME	
Mondor	Amber	Biddeford	ME	
Monk	Reid	Bangor	ME	
Moody	Briana	Mattawamkeag	ME	
Mooers	Patric	Lincolnville	ME	
Moore	Emily	Wrentham	MA	
Moore	Jessica	Radcliffe On Trent		United Kingdom
Moore	Michayla	North Attleboro	MA	
Moore	Nathan	Patten	ME	
Moore	Samantha	Brunswick	ME	
Moran	Andrew	Randolph	ME	
Moran	Brittney	Verona Island	ME	
Moran	Lindsey	Orono	ME	
Moreira	Alexander	Stillwater	ME	
Morgan	Abigail	Bowdoin	ME	
Morgan	Cara	Exeter	ME	
Morin	Blaine	Sanford	ME	
Morin	Chad	Turner	ME	

Morin	Charis	Parkman	ME	
Morin	Megan	Hampden	ME	
Morin	Mikayla	South Paris	ME	
Morin	Trevor	Scarborough	ME	
Morneault	Madison	Winslow	ME	
Moroney	Deven	Northborough	MA	
Morrill	Aidan	Kittery	ME	
Morrill	Haley	Rangeley	ME	
Morris	Alexandra	East Walpole	MA	
Morris	Mallori	Bridgeport	CT	
Morrison	Blake	Ebeemee Township	ME	
Morrison	Tian	Springvale	ME	
Morton	Kaeleigh	Yarmouth	ME	
Moschella	Marissa	Melrose	MA	
Moseley	Kody	North Berwick	ME	
Mosher	Brianna	Monmouth	ME	
Moulton	Emma	Ipswich	MA	
Muchemore-Allen	Steele	Old Town	ME	
Mulligan	Graham	Oakland	NJ	
Mundinger	Stephen	Smithtown	NY	
Murdaugh	Kayla	Old Town	ME	
Murdaugh	Shaina	East Machias	ME	
Murphy	Hannah	Trenton	ME	

Murphy	Kathleen	Bass Harbor	ME	
Murphy	Olivia	Hudson	NH	
Murphy	Rachael	Norton	MA	
Murray	Michaela	Orono	ME	
Murray	Theresa	Burlington	MA	
Muse	Christina	Wells	ME	
Myhaver	Casey	Gray	ME	
Nadeau	Abigail	Mattapoisett	MA	
Nadeau	Hannah	Litchfield	ME	
Nadeau	Samantha	Orono	ME	
Naglestad	Beate	Son		Norway
Nagy	Jason	Orono	ME	
Nash	Zachary	Hermon	ME	
Nason	Erin	Ellsworth	ME	
Nason	Madelyn	Glenburn	ME	
Nazar	Eleanor	Readfield	ME	
Neal	Irene	Aurora	ME	
Neal	Jacob	Aurora	ME	
Neal	Madison	Monmouth	ME	
Neil	Samuel	Mattawamkeag	ME	
Nelson	Cooper	Dover Foxcroft	ME	
Nelson	Haley	Scarborough	ME	
Nelson-Lee	Meryl	Jamestown	RI	

Neumann	Carson	Biddeford	ME	
Newcomb	David	Eatontown	NJ	
Newcomb	Emma	Chelmsford	MA	
Newton	Douglas	Marshfield	MA	
Nguyen	Duc	Ho Chi Minh City		Vietnam
Nichols	Emma	Orono	ME	
Nichols	Sarah	Brentwood	NH	
Nichols	Stephanie	Windham	ME	
Nickerson	Brittney	Dedham	ME	
Nickerson	Gabrielle	Holden	ME	
Nickerson	Shelby	Orono	ME	
Niehoff	Erin	Blue Hill	ME	
Nightingale	Lauren	Bangor	ME	
Niles	Christian	Scarborough	ME	
Nisbet	Leanne	Swampscott	MA	
Nixon	Julia	Wells	ME	
Noble	Charlee	Norway	ME	
Noble	Sarah	Kittery	ME	
Noble	Uriah	Sanford	ME	
Nolan	Alison	Waldoboro	ME	
Norman	Justin	Sanford	ME	
Norris	Casey	Wrentham	MA	
Norris	Emily	Orrington	ME	

Nutting	Allie	Turner	ME	
O'Brien	Timothy	Sabattus	ME	
O'Grady	Shannon	Hopewell	NJ	
O'Keefe	Ryan	Amesbury	MA	
O'Keefe	Tyler	Fryeburg	ME	
O'Malley	Cliodhna	Stockport		United Kingdom
O'Neil	Nicole	South Berwick	ME	
O'Neill	Meghan	Frisco	TX	
Oakes	Nichole	Orono	ME	
Oakley	Sarah	South Berwick	ME	
Oberink	Sarah	Yarmouth	ME	
Ogden	Megan	Bristol	VT	
Oleson	Ashley	Ellsworth	ME	
Olmstead	Emma	Veazie	ME	
Olsen	Anna	Pittsfield	ME	
Oosten	Johannes	Kennebunk	ME	
Ordway	Seth	New Gloucester	ME	
Oriente	Jessica	Jamison	PA	
Orne	Michael	Portland	ME	
Orr	Mathew	Rouses Point	NY	
Osborn	Jazzy	Bangor	ME	
Osborne	Annabelle	Hermon	ME	
Osmond	Damon	Bath	ME	

Oswald	Adelle	Peru	ME	
Ouellette	Ashley	Bangor	ME	
Ouellette	Cameron	Orono	ME	
Outing	Morgan	Caribou	ME	
Outwater	Timothy	Millbrook	NY	
Overturf	Kaj	Corinth	ME	
Overturf	Tuuli	Corinth	ME	
Owens	Olivia	Gorham	ME	
Pacifico	Lindsey	Westford	MA	
Pactow	Sabrina	Topsham	ME	
Page	Cassandra	Wells	ME	
Page	Emily	Limington	ME	
Page	Lauren	Scarborough	ME	
Palangas	Sophia	Weare	NH	
Palangas	Thomas	Weare	NH	
Palaski	Katherine	Rocky Hill	CT	
Palken	Gregory	Northborough	MA	
Palmer	Kylie	Dixfield	ME	
Palmeter	Joshua	Orono	ME	
Palmeter	Zechariah	Orono	ME	
Panetta	Sabrina	Saugus	MA	
Panico	Miranda	Scarborough	ME	
Pappalardo	Jake	Salem	NH	

Pappas	Jane	Mount Desert	ME	
Paradie	Emma	Auburn	ME	
Paradis	Alex	New Canada	ME	
Paradis	Daniel	Sidney	ME	
Paradis	Josiah	Belgrade	ME	
Parady	Brigitte	Trenton	ME	
Parent	Isabel	Hamlin	ME	
Parent	Tucker	Cumberland Center	ME	
Paris	Jonah	Falmouth	ME	
Paris	Nathan	Milford	ME	
Parker	Logan	Freeport	ME	
Parkin	William	Turner	ME	
Passarelli	Joshua	Scarborough	ME	
Passerini	Isabel	Sparta	NJ	
Patel	Nisha	Sanford	ME	
Paterson	Andrew	Mapleton	ME	
Pattershall	Garrett	Old Town	ME	
Patterson	Delan	Abbot	ME	
Paul	Ashley	Saco	ME	
Paul	Jenna	Arundel	ME	
Payal	Berkay	Foça, Izmir		Turkey
Paye	Laura	Westfield	MA	
Pazdziorko	Andrew	Winthrop	ME	

Peacock	Mackenzie	Weare	NH	
Pearson	Chase	Alpharetta	GA	
Pearson	Courtney	Holden	ME	
Pease	Zachary	York	ME	
Peaslee	Tatum	Orrington	ME	
Pelkey	Donna	Glenburn	ME	
Pellerin	Morgan	Waterville	ME	
Pelletier	Jordan	Rome	ME	
Pelletier	Kali	Ashland	ME	
Pelletier	Michelle	Topsham	ME	
Pelletier	Miles	Industry	ME	
Penney	Sarah	South Thomaston	ME	
Pennington	Olivia	Waldoboro	ME	
Peoples	Kyle	Gorham	ME	
Pepin	Taylor	Sanford	ME	
Perkins	Bailey	Winterport	ME	
Perkins	Chandler	Exeter	ME	
Perkins	Daniel	Bangor	ME	
Perkins	Zoe	Norridgewock	ME	
Perry	Ember	Orrington	ME	
Perry	Ian	Falmouth	ME	
Perry	Kathleen	Bow	NH	
Perry	Kayla	Eliot	ME	

Perry	Nathan	Eddington	ME	
Perry	Richard	Orrington	ME	
Perry	Ryan	Scarborough	ME	
Perry	Simon	Keller	TX	
Person	Erik	Milton	MA	
Peters	Hannah	Yarmouth	ME	
Peterson	Emma	Houlton	ME	
Petrin	David	Dayton	ME	
Pettegrow	Dakota	Orrington	ME	
Pettegrow	Patrick	Orrington	ME	
Petty	Jadon	Gray	ME	
Pfahler	Sean	Howland	ME	
Phan	Linh	Vinh		Vietnam
Philippone	Maura	Camillus	NY	
Piccirillo	Andrew	Trumbull	CT	
Pidden	Christopher	Yarmouth	ME	
Pierce	Emily	Barre	VT	
Pierce	Ryan	Rockport	ME	
Pike	Megan	Brewer	ME	
Pina	Jason	Old Town	ME	
Pine	Alexis	Owls Head	ME	
Pinnette	Anthony	Waterville	ME	
Pinnette	Nicole	Waterville	ME	

Piper	Kathryn	Manchester	MD	
Pirruccello-McClellan	Aidan	Foster	RI	
Place	Aidan	Eliot	ME	
Plourde	Adya	Eliot	ME	
Plourde	Ethan	Caribou	ME	
Plourde	Kaitlin	Portland	ME	
Plourde	Reanna	Caribou	ME	
Pluntke	Morgen	Solon	ME	
Pohlman	Jason	Bangor	ME	
Poirier	Abigail	Doylestown	PA	
Poisson	Rachel	Bangor	ME	
Poland	Joshua	Augusta	ME	
Pollard	Jeffrey	Raymond	ME	
Pollard	Mark	Old Town	ME	
Pomerleau	Trey	Brewer	ME	
Poole	Nathaniel	South Berwick	ME	
Pooler	Emma	Fort Kent	ME	
Portante	Ariana	Brewster	NY	
Porter	Gianna	Whiting	ME	
Pothier	Connor	Biddeford	ME	
Potvin	Matthew	Bangor	ME	
Poulin	Ciera	Fairfield	ME	
Poulin	James	South China	ME	

Pouliot	Grace	South Berwick	ME	
Powell	Richard	Bangor	ME	
Pratt	Richelle	Orono	ME	
Pratt-Holt	Nathan	Farmington	ME	
Preble	Lucas	Jay	ME	
Preble	Rachel	Safety Harbor	FL	
Prescott	Katherine	Houlton	ME	
Prescott	Thomas	Houlton	ME	
Preston	Reese	Windham	ME	
Preston	Tea	Fitchburg	MA	
Prevost	Nola	Brewer	ME	
Priest	Jared	Orono	ME	
Protheroe	Emily	South Thomaston	ME	
Pullen	Taylor	Harrison	ME	
Pushard	Matthew	Brewer	ME	
Pyke	Christopher	Sandwich	MA	
Quehl	Roger	Searsmont	ME	
Quimby	Benjamin	Old Town	ME	
Quinlivan	John	Shrewsbury	MA	
Quinn	Liam	Scituate	MA	
Quint	Cassidy	Bangor	ME	
Quintal	Laura	Sagamore	MA	
Rabasco	Matthew	Poland	ME	

Raffier	Kaitlyn	Jacksonville	FL	
Raftice	Emma	Cape Elizabeth	ME	
Rahl	Carly	Hillsdale	NJ	
Rahman	Auyon	Dhaka		Bangladesh
Rahmatullah	Waleed	Waterville	ME	
Rainey	Zoe	Manchester	NH	
Ramsay	William	South Berwick	ME	
Ramsdell	Zachary	Saint Albans	ME	
Rand	Colby	Orrington	ME	
Ransley	Harrison	Bristol	ME	
Ransom	Noah	Windham	ME	
Raplee	Brooke	Manorville	NY	
Ratledge	Quincy	Orono	ME	
Rattray	Kalista	Ludlow	ME	
Raymond	Cameron	Lewiston	ME	
Raymond	Chloe	Glenburn	ME	
Raymond	Evan	Auburn	ME	
Raymond	Kaylyn	Hermon	ME	
Raymond	Kendra	Fort Kent Mills	ME	
Re	Bridget	Pittsburgh	PA	
Rea	Jackson	Pepperell	MA	
Redding	Aidan	Bangor	ME	
Redmon	Morgan	Freeport	ME	

Reed	Joseph	Topsham	ME	
Reese	Daniel	Bangor	ME	
Reese	Helen	Bath	ME	
Reese	Olivia	Pittsford	NY	
Reeve	Colin	Hampden	ME	
Regan	Aidan	Cumberland Center	ME	
Reichel	Kristina	Hampden	ME	
Reichel	Melissa	Hampden	ME	
Reid	Isaiah	Kingfield	ME	
Reitano	Raven	Carver	MA	
Renfro	Brian	Old Town	ME	
Reno	Emma	Brunswick	ME	
Rettig	Sarah	Londonderry	NH	
Rheinhardt	Jonathan	Succasunna	NJ	
Rhoads-Doyle	Jamison	Holden	ME	
Ricciardi	Kimberly	Hermon	ME	
Richards	Jordan	Orono	ME	
Richardson	Jeremiah	Rumford	ME	
Richardson	Julia	Windham	ME	
Ricker	Samantha	Winterport	ME	
Rideout	Angela	Newburgh	ME	
Rideout	Jack	Portland	ME	
Ridge	Leah	Gray	ME	

Ritchey	Nicole	Coralville	IA	
Roach	Taylor	Cumberland Center	ME	
Robbins	Brendan	Nashua	NH	
Robbins	Lindsey	Trenton	ME	
Rober	Michael	Concord	MA	
Roberts	Gwyneth	Cape Elizabeth	ME	
Roberts	Miranda	Hermon	ME	
Roberts	Nicholas	Arundel	ME	
Robertson	River	Bucksport	ME	
Robertson	Samantha	Pittsfield	VT	
Robinson	Garrett	Eliot	ME	
Robinson	Haley	Hollis Center	ME	
Robinson	Kaitlyn	Frankfort	ME	
Robinson	Malik	Bangor	ME	
Robinson	Morganne	Palmyra	ME	
Rocha	Timothy	Kensington	NH	
Rocheleau	Daniel	Saint Albans	VT	
Rockwell	Chandler	Sebec	ME	
Rodas	Darissa	North Providence	RI	
Rodionov	Alexander	Bangor	ME	
Rodrigue	Sidney	Vassalboro	ME	
Rodriguez	Sethany	Old Town	ME	
Rogers	Andrew	Colchester	VT	

Rogers	Casey	Farmington	ME	
Rogers	Chyanne	Boothbay Harbor	ME	
Rogers	Harley	Lincoln	ME	
Rogers	Linnea	Lamoine	ME	
Rogers	Olivia	Pembroke	MA	
Rohrbacher	Peter	Bordentown	NJ	
Rolfe	Taylor	Fairfield	ME	
Roman	Michael	Bangor	ME	
Romanoski	Reilly	Strong	ME	
Romprey	Alicyn	Saco	ME	
Rondeau	David	West Springfield	MA	
Roney	Abigail	Freeport	ME	
Roney	Ethan	Freeport	ME	
Rooker	Brady	Rutland	VT	
Rooms	Caitlyn	Woodbridge	VA	
Roosa	Breann	Milford	ME	
Rose	Hannah	North Yarmouth	ME	
Rose	Helen	Farmington	CT	
Rosenberg	Madysyn	Bowdoin	ME	
Rosenthal-Baxter	Andrew	West Hartford	CT	
Ross	Kathryn	Kennebunk	ME	
Ross	Lydia-Rose	Holden	ME	
Rossignol	Parise	Van Buren	ME	

Rossow	Avery	Greenwood	ME	
Roth	Emily	Little Egg Harbor Township	NJ	
Rothwell	Cameron	Bryant Pond	ME	
Rotter-Weller	Nicholas	Rolling Hills Estates	CA	
Rowell	Olivia	Eliot	ME	
Roy	Charles	Bangor	ME	
Roy	Mikayla	Howland	ME	
Roy	Patrick	Elkridge	MD	
Rubin	Emily	Melrose	MA	
Ruggiero	Lindsey	Orrington	ME	
Rule	Jessica	Orono	ME	
Ruopp	Paul	Monmouth	ME	
Russell	Ashley	Readfield	ME	
Russell	Lynsie	Brunswick	ME	
Russell	Richard	Jefferson	MA	
Russell	Sophie	York	ME	
Russo	Vincent	Poland	ME	
Ryan	Carina	Springvale	ME	
Ryan	Carolyn	Melrose	MA	
Ryan	Lauren	Babylon	NY	
Rybka	Krystyna	North Yarmouth	ME	
Ryckman	Matthew	Hampden	ME	
Saar	Dor	Maanit		Israel

Sabourin	Mary	Stow	MA	
Sainsbury	Chelsea	Watertown	CT	
Salafia	Anthony	Portland	ME	
Sample	Keith	Windham	ME	
Samson	Amy	Waterville	ME	
Sanders	Jenna	Jay	ME	
Sands	Gabrielle	Plymouth	ME	
Sansoucie	Mikaella	South Berwick	ME	
Santerre	Sarah	Bangor	ME	
Sapiel	Kassidy	Perry	ME	
Sargent	Jamie	South Portland	ME	
Sarra	Ashley	Fleming Island	FL	
Saucier	Desiree	Eagle Lake	ME	
Saucier	Haley	Milford	ME	
Savage	Owen	Holliston	MA	
Savage	Sierra	Clinton	ME	
Savage	Spencer	Caribou	ME	
Savoie	Nicholas	Hampden	MA	
Sawicki	Mary	Aurora	CO	
Sawyer	Morgan	Windham	ME	
Sawyer	Stacy	Orland	ME	
Schaab	Anna	Farmingdale	ME	
Schaff	Benjamin	Oakland	ME	

Schaff	Joshua	Oakland	ME	
Schaffer	Claire	Berlin	MA	
Scherer	Devin	Damariscotta	ME	
Schlabig	Daniel	Bangor	ME	
Schrecengost	Alyx	Hackettstown	NJ	
Schumann	Anna	Moers		Germany
Scillia	Aaron	Ellsworth	ME	
Scontras	Theodore	York	ME	
Scott	Gabriella	Peru	ME	
Scott	Rachel	Presque Isle	ME	
Scott	Sidney	Hampton	NH	
Scoville	Breanna	Oakland	ME	
Scully	Bennett	Edgecomb	ME	
Searles	Zachary	Bangor	ME	
Seeley	Kassidy	Jonesboro	ME	
Segee	Samuel	Old Town	ME	
Segovia	Remy	Wiscasset	ME	
Seguin	Caroline	Newburgh	ME	
Seile	Nicholas	Augusta	ME	
Seitz	Sarah	Orono	ME	
Sellinger	Sydney	Baltimore	MD	
Semmel	Sierra	Dedham	ME	
Semosky	MaryBeth	Newtown	CT	

Seneres	Kenneth	Saco	ME	
Seneres	Kent	Saco	ME	
Seney	Sydney	Egg Harbor City	NJ	
Serbent	Todd	Waterville	ME	
Sereyko	Kasha	Lowell	ME	
Sewall	Erin	Cape Elizabeth	ME	
Sewell	Marissa	Eliot	ME	
Seymour	Jason	Hermon	ME	
Shaheen	Baron	Harborside	ME	
Shane	Andrea	Vinalhaven	ME	
Sharples	Caitlyn	Buxton	ME	
Shaughnessy	Abigale	Enfield	CT	
Shaw	Alia	Cutler	ME	
Shaw	Marielle	Mapleton	ME	
Shaw	Nathanael	South Paris	ME	
Shea	Austyn	Concord	NH	
Shen	Zhecheng	Orono	ME	
Shepardson	Victoria	South Windsor	CT	
Shepley	Christopher	Winchester	VA	
Sherman	Hannah	Hodgdon	ME	
Shipp	Joshua	Bangor	ME	
Shipsey	Olivia	Arrowsic	ME	
Shiva	Elisabeth	Old Town	ME	

Shuman	Megan	Bangor	ME	
Shunk	Nathan	State College	PA	
Shusda	Jocelyn	Swanton	VT	
Sigler	Thomas	Northport	ME	
Sikora	Cowan	Sandyston	NJ	
Siladi	Skye	Montville	ME	
Silliboy	Erica	Orono	ME	
Sillsby	Alexandria	Kittery Point	ME	
Silver	Maya	Bangor	ME	
Silverbrand	Samantha	Buzzards Bay	MA	
Silvernail	Sara	Orono	ME	
Simmons	Adreanna	Blue Hill	ME	
Simone	Laurel	Wolfeboro	NH	
Simpson	Taylor	Bangor	ME	
Sinclair	Megan	Blackwood	NJ	
Siraco	Josef	Eliot	ME	
Sirois	Jonathan	Hermon	ME	
Sirois	Rachel	Winslow	ME	
Sitz	Eliza	Kingfield	ME	
Skop	Madeline	Falmouth	ME	
Skvorak	Katherine	Windham	ME	
Skvorak	Nathan	Windham	ME	
Sky	Lindsay	Cherry Hill	NJ	

Slack	Georgia	Pepperell	MA	
Slaven	Jeremy	Glenburn	ME	
Sloan	Kevin	South Portland	ME	
Slocum	Caitlin	Old Town	ME	
Small	Stanley	Hampden	ME	
Smestad	Anna	Corinna	ME	
Smith	Andrew	Saco	ME	
Smith	Baylee	Hermon	ME	
Smith	Brianna	Winthrop	ME	
Smith	Dylan	Saco	ME	
Smith	Elaina	Keene	NY	
Smith	Emma	Bangor	ME	
Smith	Emma	Gorham	ME	
Smith	Gabriel	Winslow	ME	
Smith	Gabrielle	Mechanic Falls	ME	
Smith	Grace	Holden	ME	
Smith	Hunter	Cornville	ME	
Smith	Kylie	Orono	ME	
Smith	Marissa	Farmingdale	ME	
Smith	Sydney	Eddington	ME	
Smoloski	Robert	Wye Mills	MD	
Snyder	Miranda	Brimfield	MA	
Sobiech	Megan	Eagan	MN	

Sockalexis	Willow	Penacook	NH	
Solman	Jordan	Dayton	ME	
Somers	Margaret	Farmingdale	ME	
Somerville	Deirdre	Tewksbury	MA	
Somes	John	Ellsworth	ME	
Sommer	Jasper	Portland	ME	
Soper	Nicholas	Trenton	ME	
Sorenson	Erika	Shrewsbury	MA	
Sorrentino	Victoria	Old Town	ME	
Soucy	Ashley	Dunbarton	NH	
Soucy	Emilienne	Old Town	ME	
Soule	Keenan	Hampden	ME	
Soule	Nathan	Rockland	ME	
Southworth	Kailey	Pawtucket	RI	
Souza Cunha	Ana Eliza	Orono	ME	
Spagnolo	Katie	Old Orchard Beach	ME	
Spaulding	Jacob	Brewer	ME	
Spaulding	Raymond	Winslow	ME	
Spear	Mitchel	Baileyville	ME	
Spencer	Gretchen	Hermon	ME	
Spencer	Madison	Hermon	ME	
Sperber	Jacob	Yarmouth	ME	
Sperrey	Chandler	Hermon	ME	

Spicer	Cameron	Erie	CO	
Sprague	Andrew	Wrentham	MA	
Sprecher	Emily	Dover Foxcroft	ME	
Springer	Paul	Lincoln	ME	
St Jarre	Matthew	Randolph	ME	
St Jean	Drew	Stillwater	ME	
St Jean	Jocelyn	Stillwater	ME	
St Jean	Nathan	Stillwater	ME	
St John	Amelia	Scarborough	ME	
St Peter	Mitchell	Caribou	ME	
St Pierre	Bailey	Caswell	ME	
St-Pierre	Danielle	Clifton Park	NY	
St. Louis	Natalie	Milford	ME	
Stacey	Brooke	Kahawake	QC	Canada
Stacy	Amber	South Berwick	ME	
Stahle	Madison	Trevett	ME	
Stanton	Paden	Woolwich	ME	
Staples	Jessica	Freeport	ME	
Stark	Samuel	Falmouth	ME	
Stasinos	Evangelos	Peabody	MA	
Stenger	Matthew	Sebago	ME	
Stephens	Meredith	Derwood	MD	
Steva	Benjamin	Saco	ME	

Stevens	Cody	Oakland	ME	
Stevens	Isabelle	Smithfield	RI	
Stevens	James	Oakland	ME	
Stevens	Jane	Upper Tantallon	NS	Canada
Stevenson	Jason	Wayne	ME	
Stevenson	Olivia	Bangor	ME	
Steward	Austin	Colebrook	NH	
Stewart	Brittany	Milford	ME	
Stewart	James	North Berwick	ME	
Stewart	Matthew	Hooksett	NH	
Stewart	Sarah	Groveland	MA	
Stimpson	Tyler	Fairfield	CT	
Stinson	Micheal	Bath	ME	
Stojiljkovic	Ilija	Nis		Republic of Serbia
Stokes	Liam	Augusta	ME	
Stolo	Jacqueline	Alfred	ME	
Storey	Nathan	North Stonington	CT	
Stover	Austin	Ellsworth	ME	
Strack-Grose	Tristan	Orono	ME	
Stratton	Hannah	Ashland	ME	
Strauch	Cassandra	Marysville	OH	
Street	Catherine	Harwich	MA	
Strolic	Caroline	Phoenix	AZ	

Stronach	Rachel	Tewksbury	MA	
Stronach	Renee	Tewksbury	MA	
Struba	Anna	Belfast	ME	
Sudbeck	Dakota	Hampden	ME	
Sullivan	Cameron	Old Town	ME	
Sullivan	Eric	Augusta	ME	
Sullivan	Jocelyn	Wilmington	MA	
Sullivan	Odis	Winn	ME	
Sulloyay	Lucien	Bridgton	ME	
Sulloyay	Wesley	Bridgton	ME	
Sult	Charles	Lisbon Falls	ME	
Sundstrom	Brian	Walpole	MA	
Sutton	Shannon	Raymond	ME	
Swain	Savannah	Farmington	ME	
Sweeney	Jessica	Old Town	ME	
Swengel	Trent	Leeds	ME	
Swett	Sara	Glen Ridge	NJ	
Swett	Zoe	Old Town	ME	
Swift	Willard	Hebron	ME	
Swimm	Olivia	Fayette	ME	
Sykes	Daniel	Berlin	MA	
Talamelli	Alyssa	West Haven	CT	
Tam	Kaylin	Old Town	ME	

Tandy	Marisa	Brewer	ME	
Tanner	Tiffany	Brunswick	ME	
Tardy	Julia	Hancock	ME	
Tasker	Synclaire	Eddington	ME	
Taylor	Alec	South Berwick	ME	
Taylor	Lindsay	Rockport	ME	
Taylor	Michael	Holliston	MA	
Taylor	Sara	Anson	ME	
Teed	Alexis	Boxford	MA	
Temple	Forrest	Palo Alto	CA	
Tereshkina	Daria	Chelyabinsk		Russian Federation
Tero	Benjamin	Portland	ME	
Terry	Jacob	Scarborough	ME	
Tesini	Nicolas	Bolton	MA	
Thacker	Alexander	Brunswick	ME	
Thayer	Amanda	New Gloucester	ME	
Therault	Elizabeth	Saint David	ME	
Therault	Kathryn	Hampstead	NH	
Therault	Kody	Connor Township	ME	
Therault	Zachary	Cumberland Center	ME	
Thibeau	Austin	Presque Isle	ME	
Thibodeau	Arend	Harmony	ME	
Thibodeau	Kristen	Hampden	ME	

Thibodeau	Matthew	Turner	ME	
Thiboutot	Jeremy	Woolwich	ME	
Thielen	Cynthia	Surry	ME	
Thieme	Rachel	Topsham	ME	
Thoman	Todd	Spring Grove	PA	
Thomas	Shannon	West Yarmouth	MA	
Thomas	Spencer	Fryeburg	ME	
Thompson	Kristen	Colchester	VT	
Thompson-Martinez	Daniel	Hyattsville	MD	
Thomson	Hannah	Kennebunk	ME	
Thorne	Benjamin	Worcester	MA	
Thornton	Kelcey	Readfield	ME	
Throckmorton-Hansford	Phoenix	Somerville	ME	
Tibbetts	Cassidy	Litchfield	ME	
Tibbetts	Siera	Litchfield	ME	
Tierney	Kylie	Orono	ME	
Tilton-Flood	Lilla	Clinton	ME	
Timbers	Kloe	Elizabethtown	KY	
Tims	Kathleen	Cornish	ME	
Tiner	Drew	Auburn	ME	
Tinsman	Ashley	Cape Elizabeth	ME	
Tisdale	Denise	Old Town	ME	

Tiuraniemi	Veli-Matti	Oulu		Finland
Tobin	Ryan	Sudbury	MA	
Todd	Conor	Old Town	ME	
Tolmasoff	Arlena	Bucksport	ME	
Toothaker	Alec	Ellsworth	ME	
Toothaker	Mallory	Kingfield	ME	
Toppin	Kayla	Columbia Falls	ME	
Torchia	Brittany	Jewett City	CT	
Toussaint	Raleigh	Madawaska	ME	
Towle	Tanner	Smithfield	ME	
Towne	Julia	Kennebunk	ME	
Townsend	Michael	Hampden	ME	
Tozier	Justin	Belmont	ME	
Tracy	Sarah	Canaan	ME	
Trafford	Cameron	Limington	ME	
Tralmaks	Eduards	North Aurora	IL	
Tremblay	Isaac	Mariaville	ME	
Tremont	Jordan	Lunenburg	MA	
Trevisani	Elizabeth	Wellesley Hills	MA	
Treworgy	Anne	Levant	ME	
Triana	Jennifer	Prospect	CT	
Truman	Amara	Springfield	OR	
Tsouprake	Garrett	Winthrop	ME	

Tufts	Catherine	Church Point	NS	Canada
Tufts	Trevor	Litchfield	ME	
Tumal	Dana	Florence	MA	
Turgeon	Kasidy	Chelsea	ME	
Turner	Bailey	Windham	ME	
Turner	Benjamin	Warren	ME	
Turner	Danielle	South Portland	ME	
Turner	Dylan	Gorham	ME	
Turner	Emily	Charleston	ME	
Turner	Jennifer	Hollis Center	ME	
Turner	McCall	Washburn	ME	
Turner	Natashia	Eddington	ME	
Turner	Nicholas	Scarborough	ME	
Turner	Rebecca	Bedford	NH	
Turso	Michael	Ramsey	NJ	
Tuttle	Savannah	Waterville	ME	
Tyler	McKenzie	Strong	ME	
Usilton	Haley	South Royalton	VT	
Uteuova	Aliya	Astana		Kazakhstan
Vaccaro	Isaac	Kennebunk	ME	
Vaillancourt	Sarah	Milford	ME	
Valente	Maria	New Gloucester	ME	
Valle	Kohl	Falmouth	ME	

van der Schaaf	Jane	Union	ME	
Van Goffrier	Graham	Old Town	ME	
Van Gorden	Rachel	Stillwater	NJ	
van Kampen	Emma	Brunswick	ME	
Van Steenberghe	Julia	Old Town	ME	
Vanasse	David	Niantic	CT	
VanKirk	Benjamin	Brewer	ME	
Varanelli	Joseph	Riverton	CT	
Varga	Samuel	Orono	ME	
Varney	Hannah	Turner	ME	
Vega	Aleksandar	Newburgh	ME	
Venema	Taylor	Everett	WA	
Verrill	Caroline	New Gloucester	ME	
Verrill	Timothy	Carmel	ME	
Vertullo	Louis	Medway	MA	
Vesely	Daniel	Edmeston	NY	
Vesey	Denmark	Portland	ME	
Vibert	Olivia	Unionville	CT	
Vickers	Jonathan	South Portland	ME	
Vieira	Julia	Seekonk	MA	
Viekman	Joshua	Dixmont	ME	
Vince	Katherine	Waterville	ME	
Vincent	Travis	Bowerbank	ME	

Vincze	Sarah	Vernon Rockville	CT	
Vise	Zachary	Boothbay Harbor	ME	
Vonder Haar	Nathan	Bar Harbor	ME	
Wacome	Alanna	Skowhegan	ME	
Wadling	Fanny	Saltsjo-Boo		Sweden
Wagner	Sarah	Westbrook	ME	
Waible	Stephen	Nashua	NH	
Wainer	Sarah	Glenburn	ME	
Walden	Judson	Old Town	ME	
Waldron	Julia	Brattleboro	VT	
Walker	Danica	Caribou	ME	
Walker	Deven	West Gardiner	ME	
Walker	Kaylee	Bath	ME	
Wallace	Abigail	Wilton	ME	
Wallace	Hadley	Auburn	ME	
Wallace	Ivy	Lamoine	ME	
Wallace	Tyler	Bath	ME	
Walsh	Cooper	Brewer	ME	
Walsh	Jacqueline	Stratford	CT	
Waltz	Cara	Gray	ME	
Wanner	Ian	Bar Harbor	ME	
Ward	Hannah	Bangor	ME	
Ward	Michelle	Biddeford	ME	

Ward	Nicolas	Orono	ME	
Ward	Spencer	Lewiston	ME	
Warmuth	Gregory	Brewer	ME	
Warren	Emily	Oakland	ME	
Warwick	Megan	Bow	NH	
Washburn	Glenna	Old Town	ME	
Waterman	Benjamin	Yarmouth	ME	
Watson	Allison	Denmark	ME	
Watson	Jana	Corinth	ME	
Watson	Julie	Mendon	MA	
Watson	Laura	Presque Isle	ME	
Watson	Olivia	Topsham	ME	
Watts	Matthew	Lincolntonville	ME	
Webb	Jarod	Old Town	ME	
Webber	Abigail	Garland	ME	
Webber	Anna	Bangor	ME	
Webber	Matthew	Springvale	ME	
Weed	Megan	Deer Isle	ME	
Weeks	Michaela	North Yarmouth	ME	
Weeks	Rebecca	Lynnfield	MA	
Weigang	Abigail	Shawmut	ME	
Welborn	Hannah	Wiscasset	ME	
Welch	Dayle	Westford	MA	

Welch	Olivia	Farmingdale	ME	
Welch	Sarah	Orono	ME	
Welcome	Phoebe	North Easton	MA	
Wells	Timothy	Bremen	ME	
Wessel	Maggie	Brunswick	ME	
West	Bailey	Stockton Springs	ME	
West	Ian	Jackman	ME	
Westbrook	Molly	Ithaca	NY	
Westfield	Charles	Whitehouse Station	NJ	
Wetzel	Lacey	Mertztown	PA	
Wheeler	Justin	Bangor	ME	
White	Casey	Walpole	MA	
White	Kaitlyn	Hampden	ME	
White	Liza	Rumford	ME	
White	Patrick	Waldoboro	ME	
White	Tanner	Baileyville	ME	
Whitlock	Addison	Yarmouth	ME	
Whitman	Nicole	Dixfield	ME	
Whitney	Collin	Searsmont	ME	
Whitney	Laura	Great Pond	ME	
Whittemore	Emily	Poland	ME	
Wibby	Jessica	South Portland	ME	
Wiggins	Breanna	Brunswick	ME	

Wiggins	Justin	Kennebunk	ME	
Wilcox	Adam	Warren	ME	
Wilkes	Madeline	Durham	ME	
Wilkins	Bradly	Old Town	ME	
Wilkinson	Emma	Windsor	ME	
Willard	Elizabeth	Winterport	ME	
Wiley	Emmeline	Monmouth	ME	
Williams	Angharad	Flitwick		United Kingdom
Williams	Benjamin	Cumberland Center	ME	
Williams	Calla	Coventry	RI	
Williams	Delaney	Caribou	ME	
Williams	Jacob	Milford	ME	
Williams	Jacob	Orono	ME	
Williams	Kathleen	Coral Springs	FL	
Williams	Michael	Freeport	ME	
Williams	Taylor	Presque Isle	ME	
Willis	Justin	Castine	ME	
Willows	Jake	Auburn	ME	
Wilson	Ambyr	Peru	ME	
Wilson	Andrew	Solon	ME	
Wilson	Benjamin	Groveland	MA	
Wilson	Kelly	Westbrook	ME	
Wilson	Sidney	North Monmouth	ME	

Winslow	Dale	Presque Isle	ME	
Wiseman	Lilli	Bangor	ME	
Wojciak	Andrew	Merrimack	NH	
Wolborsky	Rosalie	Yona		Guam
Woodard	Bailey	Parkman	ME	
Woodhouse	Daniel	South Portland	ME	
Woodward	Delaney	Corea	ME	
Woodward	Samuel	South Portland	ME	
Worgull	Maxwell	Bangor	ME	
Wortman	Alecsander	Holden	ME	
Wotton	Emily	Friendship	ME	
Wright	Haleigh	Ticonderoga	NY	
Wright	Niles	West Haven	CT	
Wyman	Alison	Hanover	ME	
Wypyski	Molly	Orono	ME	
Yarbrough	Brynn	Wrentham	MA	
Yardley	Kiana	Bangor	ME	
Yates	Evan	Kennebunk	ME	
Yerxa	Colby	Scarborough	ME	
Yoder	Tate	Penobscot	ME	
York	Bernard	Jefferson	ME	
York	Mitchell	Portland	ME	
Yost	Sierra	Windham	ME	

Yost	Thilee	Damariscotta	ME	
Young	Alexis	South Berwick	ME	
Yusim	Asher	Scarborough	ME	
Yutuc	Nikki Caroline	Saipan		Northern Mariana Islands
Zachau	Charles	Freeport	ME	
Zaher	Nicholas	Chelmsford	MA	
Zakian	Maxim	Biddeford	ME	
Zepeda	Sebastian	Dover Foxcroft	ME	
Zink	Marissa	Minot	ME	
Zucker	Aaron	East Meadow	NY	
Zuo	Jiahui	Orono	ME	
Zwirner	Christian	Windham	ME	

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Androscoggin County

Auburn: Linnea Barnard, Isabel Bassett, Alexis Bellefleur, Cole Butler, Sophie Charest, Zachary Danse, Cameron Dubay, Sarah Hammond, Emily Hayes, Kaylee Jipson, Taylor Landry, Jordan Lau, Ryan Libbey, Dylan Miller, Emma Paradie, Evan Raymond, Drew Tiner, Hadley Wallace, Jake Willows **Durham:** Jack Bruce, Madeline Wilkes **Greene:** Callie Greco, Clifford Greco, Nicole Hofacker, Trevor Lessard **Leeds:** Jacob Gladu, Trent Swengel **Lewiston:** Hannah Carr, Olivia Dam, Jazlyn Dumas, Sophia Grallert, Cameron Raymond, Spencer Ward **Lisbon:** Jasmin Le **Lisbon Falls:** Samantha Bolduc, Dillon Clifford, Charles Sult **Livermore:** William Brenner, Jacob Foss **Mechanic Falls:** Allison Emery, Hope Kohtala, Gabrielle Smith **Minot:** Marissa Zink **Poland:** Joshua Abrams, Erin Brewer, Elizabeth Champagne, Quinn Ferguson, William Foster, Paisley Keene, Jada Lamb, Chelsea Martin, Matthew Rabasco, Vincent

Russo, Emily Whittemore **Sabattus**: Kayla Gayton, Timothy O'Brien **Turner**: Abigail Day, Brianna DeGone, Julia Dillingham, Emma Fournier, Zachary Goulette, Noah Lovejoy, Chad Morin, Allie Nutting, William Parkin, Matthew Thibodeau, Hannah Varney

Aroostook County

Ashland: Peng Cheng, Phillip Craig, Carly Fredericks, Kali Pelletier, Hannah Stratton **Blaine**: Nicholas Dominique **Caribou**: Molly Adams, Adam Collins, Corinne Corbin, Kate Finnemore, Jillian Flynn, Madeline Gudde, Michael Hunter, Emma Jandreau, Chathu Karunasiri, Chaya Karunasiri, Morgan Outing, Ethan Plourde, Reanna Plourde, Spencer Savage, Mitchell St Peter, Danica Walker, Delaney Williams **Caswell**: Bailey St Pierre **Connor Township**: Kody Theriault **Eagle Lake**: Desiree Saucier **Easton**: Francesca Armstrong, Cody Embelton, Madison Leach **Fort Fairfield**: Amanda Hotham, Thomas Krause **Fort Kent**: Emma Brickman, Emma Pooler **Fort Kent Mills**: Kendra Raymond **Hamlin**: Isabel Parent **Hodgdon**: Rachel Harmon, Hannah Sherman **Houlton**: Sarah Delano, Ella Glatte, David Gogan, Dakota Gramour, Daniel Hermann, Christopher Kenney, Emma Peterson, Katherine Prescott, Thomas Prescott **Ludlow**: Seth Bond, Kalista Rattray **Madawaska**: Ryan Boucher, Austin Bragdon, Courtney Daigle, Evan Hebert, Raleigh Toussaint **Mapleton**: Ryan Lavway, Andrew Paterson, Marielle Shaw **New Canada**: Alex Paradis **Presque Isle**: Emma Everett, Katelyn Ford, Joshua Gordon, Mary Green, Angela Hallowell, Marta Herzog, Kenedy Jarvis, Emily Lagerstrom, Lindsey Lagerstrom, Jacqueline Lambert, Parker Lambert, Rachel Scott, Austin Thibreau, Laura Watson, Taylor Williams, Dale Winslow **Saint Agatha**: Andrew Guimond **Saint David**: Jacob Gendreau, Elizabeth Theriault **Van Buren**: Kaleb Cormier, Nicholas LaJoie, Parise Rossignol **Washburn**: McCall Turner **Woodland**: Nicolas Beaudoin

Cumberland County

Bridgton: Derek Douglass, Frances Kimball, Douglas Mayo, Lucien Sulloway, Wesley Sulloway **Brunswick**: Madison Burt, Erin Butts, Heather Buzzell, Julia Casey, Joshua Clark, Samantha Clark, Zoe Donovan, Shannah Duffy, Elena Dugal, Rosaleen Erwin, Benjamin Flanagan, Joel Grindle, Thomas Hanson, Samuel Leavitt, Libbey Masse, Taylor Messerman, Samantha Moore, Emma Reno, Lysie Russell, Tiffany Tanner, Alexander Thacker, Emma van Kampen, Maggie Wessel, Breanna Wiggins **Cape Elizabeth**: Anthony Castro, Katherine Connelly, Christopher Grennon, Audrey Grey, Ryan Harvey, Kyle Kennedy, Emma Raftice, Gwyneth Roberts, Erin Sewall, Ashley Tinsman **Casco**: Michelle Hale **Chebeague Island**: Sasha McLean **Cumberland Center**: Michaela Arsenault, Matthew Blanchard, Ryan Bray, Paul Caruso, Zoe Fluet, Aidan Greenlee, Liam Greenlee, Katharine Libby, Marissa Martel, Tucker Parent, Aidan Regan, Taylor Roach, Zachary Theriault, Benjamin Williams **East Baldwin**: Jordan Miner **Falmouth**: Thomas Adams, Alex Britton, Jack Britton, Matthew Gramse, Michael Gramse, Sarah Grondin, Jonah Paris, Ian Perry, Madeline Skop, Samuel Stark, Kohl Valle **Freeport**: Kiley Davan, Blake Enrico, Zachery Hindley, Kalli Kirkpatrick, Luke LaMagna, Austin Langley, Ben MacMillan, Logan Parker, Morgan Redmon, Abigail Roney, Ethan Roney, Jessica Staples, Michael Williams, Charles Zachau **Gorham**: Jordan Allen, Emily Berrill, Ryan Bertin, Abigail Biegel, Kayla Billings, Delaney Burns, Johna Doyle, Kayla Gagner, Gabrielle Garson, Colin Gotschlich, Ryan Hamblen, Mia Kaufman, Aleksandr Kutchmarick, Branden Kuusela, Rebecca Lord, Sean Luce, Jeffrey McNally II, Olivia Owens, Kyle Peoples, Emma Smith, Dylan Turner **Gray**: Rebecca Archer, Dawsin Blanchard, Grace Ferguson, Austin Gallant, Emily Hanson, Tyler Hicks, Casey Myhaver, Jadon Petty, Leah Ridge, Cara Waltz **Harpeswell**: Julia Bowen, Grant Carrier **Harrison**: Gunnar Docos, Taylor Pullen **Naples**: Meghan Boos, Kathryn Caulfield, Taylor Cronin, Marcus Devoe **New Gloucester**: Jaime Boulos, Haley Cadran, Seth Ordway, Amanda Thayer, Maria Valente, Caroline Verrill **North Yarmouth**: Christopher Byron, Emily Coyne, Alyssa Lovering, Nicholas Maynard, Hannah Rose, Krystyna Rybka, Michaela Weeks **Portland**: Marshall Abbott, Thomas Antz, Cleo Barker, Silvia Baxter, Courtney Brett, Liwen Chen, Mayzie Corman, Joseph Esposito, Noah Ferrante, Dominic Guimond, Gene Herrschaft, Emma Hines, Kelvin Huynh, Ava Koenigsberg, Leala Machesney, Erin Mahoney, Nicole Maines, Nathan Mathis, Tim McInnis, Michael Orne, Kaitlin Plourde, Jack Rideout, Anthony Salafia, Jasper Sommer, Benjamin Tero, Denmark Vesey, Mitchell York **Raymond**: Eliza Bennett, Emily Callahan, Isobel Cunningham, Liam Flynn, Dylan Koza, Alexandra Lewis, Jeffrey Pollard, Shannon Sutton **Scarborough**: Alec Anderson, Jacob Bloom, Erin Brady, Emma Budway, Andrew Cashman, Courtney Daly, Madison Damon, Anna Driscoll, Dylan Egeland, Katherine Follansbee, Roy Garland, John Hinkle, Andrew Jones, Nathaniel Jordan, Katherine Kirk, Joseph Lancaster, Connor Langlois, Erica Laplante, Olivia Lappin, Benjamin Lindsay, Reyleigh McKay, Trevor Morin, Haley Nelson, Christian Niles, Lauren Page, Miranda Panico,

Joshua Passarelli, Ryan Perry, Amelia St John, Jacob Terry, Nicholas Turner, Colby Yerxa, Asher Yusim **Sebago**: Danielle LaPointe, Matthew Stenger **South Portland**: Nicholas Alvarez, Eduardo Anzurez Uroza, Amanda Barnett, Felix Del Vecchio, Katie Dooling, William Edgar, Casey Fournier, Tyler Gagne, Laurine German, Taaniel Kiidli, Natascia La Verde, Maddison Lengyel, Euan Maclaurin, Lauren Magnuson, Jackman Mickiewicz, Jamie Sargent, Kevin Sloan, Danielle Turner, Jonathan Vickers, Jessica Wibby, Daniel Woodhouse, Samuel Woodward **West Baldwin**: Cierra Farrington **Westbrook**: Tyler Bernier, Bryan Crouse, Paula Crucianelli, Arianna Giguere, Anna Giroux, Reilley Joyce, Emily Marean, Sarah Wagner, Kelly Wilson **Windham**: Matthew Aldrich, Austin Blake, Meaghan Byrnes, Donald Chervenak, Ian Donnelly, Samantha Frank, Taylor Hebert, Kayla Horne, Patrick Laliberte, Elijah McGill, Quinn McPhail, Erin Merchant, Stephanie Nichols, Reese Preston, Noah Ransom, Julia Richardson, Keith Sample, Morgan Sawyer, Katherine Skvorak, Nathan Skvorak, Bailey Turner, Sierra Yost, Christian Zwirner **Yarmouth**: John Barbera, Christopher Bock, Sean Cahill, William Chinnock, Olivia Conrad, Elizabeth Davis, Petrit Kendezi, Kaeleigh Morton, Sarah Oberink, Hannah Peters, Christopher Pidden, Jacob Sperber, Benjamin Waterman, Addison Whitlock

Franklin County

Carrabassett Valley: Noah Fournier **Farmington**: Isiah Brown, Alexander Chandler, Daniel Lesko, Nathan Pratt-Holt, Casey Rogers, Savannah Swain **Industry**: Hanna Deon, Miles Pelletier **Jay**: Jasmine Bussiere, Austin Gilboe, Joshua Horne, Lucas Preble, Jenna Sanders **Kingfield**: Isaiah Reid, Eliza Sitz, Mallory Toothaker **Rangeley**: Haley Morrill **Stratton**: Tanager Karchenes **Strong**: Ivy Mitman, Reilly Romanoski, McKenzie Tyler **West Farmington**: Sojour Granquist **Wilton**: Jessie Hutchinson, Abigail Wallace

Hancock County

Amherst: Casco Haley **Aurora**: Irene Neal, Jacob Neal **Bar Harbor**: Sierra Bloom, Caroline Bromberg, Molly Brown, Jennifer Clemens, Nathan Vonder Haar, Ian Wanner **Bass Harbor**: Kathleen Murphy **Blue Hill**: Willem Hilliard, Erin Niehoff, Adreanna Simmons **Bucksport**: Jade Darragh, Gabriel Flegel, Ila Grindle, Kaylee Grindle, River Robertson, Arlena Tolmasoff **Castine**: Justin Willis **Corea**: Delaney Woodward **Dedham**: Tessa Byard, Daniel Davis, Reed Davis, Brittney Nickerson, Sierra Semmel **Deer Isle**: Jordyn Judkins, Megan Weed **Ellsworth**: Samantha Boothby, Samantha Davis, Darian Goggin, Kyle Lima, Erin Nason, Ashley Oleson, Aaron Scillia, John Somes, Austin Stover, Alec Toothaker **Franklin**: Heather Havey **Great Pond**: Laura Whitney **Hancock**: Stella Ligon, Julia Tardy **Harborside**: Baron Shaheen **Lamoine**: Nicole Brown, Linnea Rogers, Ivy Wallace **Mariaville**: Brody Campbell, Isaac Tremblay **Mount Desert**: Megan Howell, Samuel Johnson, Madeleine Macauley, Jane Pappas **Northeast Harbor**: Mea Clark **Orland**: Stacy Sawyer **Penobscot**: Tate Yoder **Seal Cove**: Devin Christianson, Abigail Irvine **Sullivan**: Maria Cormier, Jennie Daley, Rebecca Grinnan, James Huff, Ian LaRiviere **Surry**: Cynthia Thielen **Trenton**: Hannah Murphy, Brigitte Parady, Lindsey Robbins, Nicholas Soper **Verona Island**: Kayla Gray, Colleen Lucy, Brittney Moran **Waltham**: Nicholas Jordan

Kennebec County

Albion: Daniel Heard **Augusta**: David Audet, Jaimi Clifford, Brandon Emerson, Mckenzie Green, Jens Hansen, Lauren Hubbard, Sydney Ieng, Courtney King, Andrew Levesque, Victoria Lovejoy, Joshua Poland, Nicholas Seile, Liam Stokes, Eric Sullivan **Belgrade**: Lucia Guarnieri, Sawyer Michaud, Josiah Paradis **Belgrade Lakes**: Alexa Frame **Benton**: Kaylee Brann, Trevor Marin **Chelsea**: Christopher Daggett, Kasidy Turgeon **Clinton**: Aaron Brown, Hannah Meidahl, Sierra Savage, Lilla Tilton-Flood **Fairfield**: Josie Champagne, Zachary Hale, Trevor Hamblet, Paige Hanson, Kiana Letourneau, Taylor Rolfe **Farmingdale**: Clara Irvine, Anna Schaab, Marissa Smith, Margaret Somers, Olivia Welch **Fayette**: Abigail Despres, Natalie Harmon, Olivia Swimm **Gardiner**: Jared Alexander **Hallowell**: Erin Ballew, Jarod Dye, Adam Fullmer **Litchfield**: Brady Andrews, Jeremiah Childs, Christiana Daigle, Hannah Nadeau, Cassidy Tibbetts, Siera Tibbetts, Trevor Tufts **Manchester**: Kelsey Broad, Caden Brown, Melissa Garand, Mair Guillemette, Eric Manley, Mary-Margaret Manley, Benjamin McLaughlin **Monmouth**: Shannon Buzzell, Amelia Freeman, Brandon Goff, Kaitlyn Kerrigan, Angus Koller, Anna Kulinski, Brianna Mosher, Madison Neal, Paul Ruopp, Emmeline Willey **Mount Vernon**: Lily Bragg, Zachary Holman **North Monmouth**: Emily Barnett, Sidney Wilson **Oakland**: Benjamin

Schaff, Joshua Schaff, Breanna Scoville, Cody Stevens, James Stevens, Emily Warren **Randolph:** Bradley Bailey, Andrew Moran, Matthew St Jarre **Readfield:** Kaitlyn Chick, Taylor Cray, Mitchell Fellows, Grace Kavanah, Kelby Mace, Eleanor Nazar, Ashley Russell, Kelcey Thornton **Rome:** Lillian DeLisle, Jordan Pelletier **Sidney:** Kyle Bernier, Kyle Gleason, Taylor Lenentine, Kathryn Mercier, Daniel Paradis **South China:** Lilja Bernheim, Jacob Boudreau, Justin Harris, Kaitlyn Hayward, James Poulin **Vassalboro:** Taylor Bailey, Joseph Connelly, Nicholas Gayer, Sidney Rodrigue **Waterville:** Michael Ayers, Alan Baez, Rachael Bergeron, Kellie Bolduc, Melissa Buzzell, Jennifer MacArthur, Morgan Pellerin, Anthony Pinnette, Nicole Pinnette, Waleed Rahmatullah, Amy Samson, Todd Serbent, Savannah Tuttle, Katherine Vince **Wayne:** Nicole Castonguay, Rachel Castonguay, Jason Stevenson **West Gardiner:** Jeffrey Bilodeau, Kristin Cosgrove, Emalee Couture, Deven Walker **Windsor:** Jordan Bowie, Emma Wilkinson **Winslow:** Haley Campbell, Treva Campbell, Nicole Fletcher, Adam Green, Sierra Harmon, Cody Maroon, Hunter McCaslin, Madison Morneault, Rachel Sirois, Gabriel Smith, Raymond Spaulding **Winthrop:** Matthew Ingram, Kyle Keezer, Lydia Lavoie, Andrew Pazdziorko, Brianna Smith, Garrett Tsouprake

Knox County

Camden: Natalie Hamalainen, Cory Johnson, Samuel Jordan, Sarah Mitchell **Friendship:** Emily Wotton **Hope:** John Davee, Tristan Fong, Hanna Karas, Henry Laurita **Owls Head:** Alexis Pine **Rockland:** Renee Landry, Kaitlyn McCullough, Nathan Soule **Rockport:** Matthew Ackley, Hannah Brownawell, Molly Davee, Kathryn McMorrow, Ryan Pierce, Lindsay Taylor **South Thomaston:** Maggie Drinkwater, Rachel Johnson, Sarah Penney, Emily Protheroe **Thomaston:** Kendra Finnegan **Union:** Jane van der Schaaf **Vinalhaven:** Andrea Shane **Warren:** Sophie Cohen, Amber Hagin, Kaitlyn Hanson, Benjamin Turner, Adam Wilcox **Washington:** Antyna Gould, Jane Horovitz, Patrick Madden, Bailey McCaffery **West Rockport:** Hilary Merrifield

Lincoln County

Alna: Andrew Hutchins **Boothbay:** Kylemartin Alamo **Boothbay Harbor:** Chyanne Rogers, Zachary Vise **Bremen:** Teiga Martin, Timothy Wells **Bristol:** Harrison Ransley **Damariscotta:** Noah Begin, Devin Scherer, Thilee Yost **Dresden:** Taylor Houdlette **Edgecomb:** Bennett Scully **Jefferson:** Abigail Farrin, Julia Fasano, Bernard York **New Harbor:** Alice Gluchanicz **Round Pond:** Dorothy Hodous **Somerville:** Phoenix Throckmorton-Hansford **Southport:** Erica Eames **Trevett:** Madison Stahle **Waldoboro:** Noel Buendia, Lauren Guptill, Shania Melvin, Alison Nolan, Olivia Pennington, Patrick White **Whitefield:** Jocelyn Magnusen **Wiscasset:** Aidan Carlson, Maeve Carlson, Matthew Mills, Remy Segovia, Hannah Welborn

Oxford County

Bryant Pond: Cameron Rothwell **Canton:** Emma Lueders **Denmark:** Allison Watson **Dixfield:** Celine Bolduc, Natalie Bolduc, Kayla Brooks, Rachel Knight, Kylie Palmer, Nicole Whitman **Fryeburg:** Sydney Charles, Alicia McDonald, Courtney McGrath, Tyler O'Keefe, Spencer Thomas **Gilead:** Hunter Cline **Greenwood:** Devlin Longley, Matthew Michaud, Avery Rossow **Hanover:** Alison Wyman **Hebron:** Zane Dustin, Nathan Godbout, Willard Swift **Hiram:** Cole Miller **Norway:** John Bowen, Lucan Haviland, Charlee Noble **Otisfield:** Emily Jackson **Peru:** Ethan Cantin, Joseph Caruso, Adelle Oswald, Gabriella Scott, Ambyr Wilson **Roxbury:** Peter Cogley **Rumford:** Sabrina Daoud, Devin Merrow, Jeremiah Richardson, Liza Whit **South Paris:** Allysa Elliott, Ashleigh Elliott, Arianna Meserve, Mikayla Morin, Nathanael Shaw **Sumner:** Brianna Damon, Elizabeth Damon **West Paris:** Nathaniel McNutt

Penobscot County

Alton: Taylor Braley, Joshua Hamilton **Bangor:** Omar Alsamsam, Joshua Andrews, Dawson Armistead, Nishchay Arya, Noah Ashe, Brianna Ballard, Logan Bard, James Barry, Jenna Bishop, Samuel Bolduc, Chayton Boucher, Amanda Brainerd, Alyson Briggs, Jeffrey Burke, Kathryn Callahan, Morgan Campbell, Christopher Carey, Nicholas Chasse, Dylan Clark, Stephen Comeau, Ashley Cooper, David Correale, Sydni Cosgrove, Justin Courtney, Aidan

Coyne, Hebert Delgado, Jason Dignan, Cara Doiron, Susannah Drown, Amy Fahey, Gregory Fasth, Laurie Foley, Trudy Furrow, Breannah Geiser, Adam Green, Karl Gurschick, Hannah Hooke, Steven Hooke, Kayla Jackson, Mitchell Jameson, Emily Jaye, Abram Karam, Gabriel Karam, Peter Kemble, Rukhsar Khan, Anastasia Kirbach, Cameron LaBrecque, Natalie Lammers Lisnet, Teagan LaPiere, Elizabeth Lemin, Rachel Luc, Jonathan Marcotte, Colton Markevich, Quinn McKay, Robert Mills, Reid Monk, Lauren Nightingale, Jazzy Osborn, Ashley Ouellette, Daniel Perkins, Jason Pohlman, Rachel Poisson, Matthew Potvin, Richard Powell, Cassidy Quint, Aidan Redding, Daniel Reese, Malik Robinson, Alexander Rodionov, Michael Roman, Charles Roy, Sarah Santerre, Zachary Searles, Daniel Schlabig, Joshua Shipp, Megan Shuman, Maya Silver, Taylor Simpson, Emma Smith, Olivia Stevenson, Hannah Ward, Anna Webber, Justin Wheeler, Lilli Wiseman, Maxwell Worgull, Kiana Yardley **Bradford**: Christopher Albert, Alicia Miller **Bradley**: Emily Barnes, Tori Currier, Miranda Gifford, Jacob Ketch, Lauren Martin **Brewer**: Jared Austin, Collin Averill, Drew Bennett, Juliana Bilodeau, Oisin Biswas, Amie Bowman, Jovon Craig, Joshua Donnelly, Candace Doughty, Adam Farrington, Ryan Gardner, Emelynn Holyoke, Lindsay Houpp, Megan Pike, Trey Pomerleau, Nola Prevost, Matthew Pushard, Jacob Spaulding, Marisa Tandy, Benjamin VanKirk, Cooper Walsh, Gregory Warmuth **Carmel**: Abigail DeHaas, Abigail Fitts, Deborah Heyden, Justin McAllister, Timothy Verrill **Charleston**: Angelina Buzzelli, Emily Turner **Clifton**: Garrett Boardway, Rachel Brooks, Victoria Cushing, Jacob Eggert **Corinna**: Nguyen Huynh, Hillary Manson, Anna Smestad **Corinth**: Katrina Bradford, Kaj Overturf, Tuuli Overturf, Jana Watson **Dexter**: Trevor Fogarty, Sarah Hoak, Mariah Hughes **Dixmont**: Joshua Viekmann **East Millinocket**: Nicole Chasse, Sydney Fox **Eddington**: Emma Bragdon, Elana Castiglia, Loreli Crawford, Caroline Deroche, Jamison Freedman, Kailey Holmes, Katarina Monahan, Nathan Perry, Sydney Smith, Synclaire Tasker, Natashia Turner **Etna**: Ian Blouin **Exeter**: Alexandra Cooper, Holly Libby, Cara Morgan, Chandler Perkins **Garland**: Abigail Webber **Glenburn**: Joshua Baker, Sarah Baker, Kayla Bousfield, Katherine Cotton, Brandon Crocker, Shaylyn Cyr, Kennedy Gerow, Caitlin Hillery, Kaitlin Kelley, William McDonald, Madelyn Nason, Donna Pelkey, Chloe Raymond, Jeremy Slaven, Sarah Wainer **Greenbush**: Mingwun Dana, Jacqueline Malvin **Hampden**: Taylor Avery, Hannah Bailey, Kyle Barry, Madison Bennett, Rebekah Boomer, Sarah Boomer, Benjamin Chasse, Matthew Closson, Olivia Doucette, Laura Doyon, Megan Dunroe, Abigail Durrah, Abigail Elkins, Alexander Flannery, Megan Houpp, Jessica Jesiolowski, Alexander Karris, Michael Labun, Orie Lafavers, Rochelle Lawrence, Tessa Lilley, Avery Maietta, Megan Morin, Colin Reeve, Kristina Reichel, Melissa Reichel, Matthew Ryckman, Stanley Small, Keenan Soule, Dakota Sudbeck, Kristen Thibodeau, Michael Townsend, Kaitlyn White **Hermion**: Paige Bacon, Emily Burns, Ryan Byers, Colleen Copley, Hannah Dyer, Nathan Farnham, Keely Gonyea, Rachel Ingalls, Maren Leach, Carrie Marley, Zachary Nash, Annabelle Osborne, Kaylyn Raymond, Kimberly Ricciardi, Miranda Roberts, Jason Seymour, Jonathan Sirois, Baylee Smith, Gretchen Spencer, Madison Spencer, Chandler Sperrey **Holden**: Courtney Benson, Caroline Bush, Emily Gilmore, Alexa Grindle, Jill Hein, Leah Jennings, Garrett Johnson, Melody Joliat, Robert Kiah, Chelsea King, Forrest Miller, Gabrielle Nickerson, Courtney Pearson, Jamison Rhoads-Doyle, Lydia-Rose Ross, Grace Smith, Alecsander Wortman **Howland**: Ryan Bergeron, Sean Pfahler, Mikayla Roy **Hudson**: Katrina Bowden, Megan Haney, Karah Hussey, Zachary Hussey **Indian Island**: Claudia Cummings **Lee**: Abigail Glidden, Samuel Mallett **Levant**: Desirae DuBois, Anne Treworgy **Lincoln**: Riley Bartash, Ava Broderick, Ian Lichtenberg, Harley Rogers, Paul Springer **Lowell**: Jeffrey Garfield, Nicholas Garfield, Kasha Sereyko **Mattawamkeag**: Briana Moody, Samuel Neil **Maxfield**: Josephine Harper **Medway**: Kevin Drewrey **Milford**: Maliyan Binette, Brittany Cousins, Mason Duplissie, Justin Gagnon, Emily LeClair, Jenna Legere, Delaney Love, Nathan Paris, Breann Roosa, Haley Saucier, Natalie St. Louis, Brittany Stewart, Sarah Vaillancourt, Jacob Williams **Millinocket**: Caryn Boutaugh, Nicole Knowlton **Newburgh**: Wesley Kauppila, Angela Rideout, Caroline Seguin, Aleksandar Vega **Newport**: Camden Clark, Allison Croce, Brody Haverly-Johndro, Noah Kershner **Old Town**: Justin Alcorn, Sarah Allisot, Thoalfakar Alsaady, Elizabeth Ayotte, Alexis Bailey, Ridge Barnes, Jessalyn Bergeron, Emily Borger, Christopher Brunton, Johanna Burgason, Sean Cashman, Matthew Clark, Austin Comeau, Gabrielle Craig, Meghan Delcourt, Bethani Dickson, Charles Duffield, Ashley Duggan, Emma Elz Hammond, Keegan Feero, Zachary Fisher, Margaret Gautrau, Kendra Green, Cordell Guptill, Derek Haas, Jacob Hall, Mary Hamilton, Taylor Hamm, Ethan Hill, Madalyn Jackson, Marcilla Jackson, Antonio Jurlina, Jordan Kelley, Ali King, Derek Knarr, Lauren Lang, Nicholas Lunn, Kelsey Maxim, Kalee McLaughlin, Garvey Melmed, Steele Muchemore-Allen, Kayla Murdaugh, Garrett Pattershall, Jason Pina, Mark Pollard, Benjamin Quimby, Brian Renfro, Sethany Rodriguez, Samuel Segee, Elisabeth Shiva, Caitlin Slocum, Victoria Sorrentino, Emilienne Soucy, Cameron Sullivan, Jessica Sweeney, Zoe Swett, Kaylin Tam, Denise Tisdale, Conor Todd, Graham Van Goffrier, Julia Van Steenberghe, Judson Walden, Glenna Washburn, Jarod Webb, Bradly Wilkins **Orono**: Mohammed Alamer, Rachel Alexandrou, Yousuf Ali, Jillian Amaral, Emilie Andersen, Amy Bernier, Aaron Bissonnette, Benjamin Blood, Amber Boutiette, Cameron Bowie, James Brown, Calen Cartlidge, John Clark, Thomas Cox, Mason Crocker, Timothy Dassow, Brandon Edge, Olivia Fandel, Joshua Fickett, Marie-France Georges, Anthony Gray, Thomas Griffith, Melodie Godin,

Whitney Guy, Heather Hall, Darria Hansen, Raegan Harrington, Irja Hepler, David Holmberg, Kennedy Hubbard, Stephen Jackson, Yujie Jiang, Kirsten Johnson, Michael Johnson, Mohamad Karim, Taylor Lanham, Amanda Laverdiere, Noah MacAdam, Mikayla Mason, Morgan McGraw, Teresa McGuire, Shane Miller, Jacob Millett, Logan Molt, Lindsey Moran, Michaela Murray, Samantha Nadeau, Jason Nagy, Emma Nichols, Shelby Nickerson, Nichole Oakes, Cameron Ouellette, Joshua Palmeter, Zechariah Palmeter, Richelle Pratt, Jared Priest, Quincy Ratledge, Jordan Richards, Jessica Rule, Sarah Seitz, Zhecheng Shen, Erica Silliboy, Sara Silvernail, Kylie Smith, Ana Eliza Souza Cunha, Tristan Strack-Grose, Kylie Tierney, Samuel Varga, Nicolas Ward, Sarah Welch, Jacob Williams, Molly Wypyski, Jiahui Zuo **Orrington:** Amber Burris, Garrett Casburn, Thomas Hanscom, Benjamin Jeffrey, Chloe Jonasson, Jonathan Kincaid, Alexis Lindsay, Emily Norris, Tatum Peaslee, Ember Perry, Richard Perry, Dakota Pettegrow, Patrick Pettegrow, Colby Rand, Lindsey Ruggiero **Patten:** Nathan Moore **Plymouth:** Mariah Carey, Gabrielle Sands **Prentiss Township:** Ethan Crooker **Ripley:** Hunter Martin **Stetson:** Carly Buswell **Stillwater:** Cassandra Dechaine, Danielle McDougal, Alexander Moreira, Drew St Jean, Jocelyn St Jean, Nathan St Jean **Veazie:** Makenzie Baber, Heather Benner, Madison Buxton, Anna-Maria Dagher, Hannah Drummond, Mohammad Hashmi, Courtney Hyde, Heidi Lynch, Emma Olmstead **Winn:** Odis Sullivan

Piscataquis County

Abbot: Delan Patterson **Bowerbank:** Travis Vincent **Dover Foxcroft:** Racquel Bozzelli, William Casey, Cooper Nelson, Emily Sprecher, Sebastian Zepeda **Ebeemee Township:** Blake Morrison **Greenville:** Courtney Mann **Milo:** Colleen Demaris **Parkman:** Charis Morin, Bailey Woodard **Sebec:** Chandler Rockwell

Sagadahoc County

Arrowsic: Rachel Detwiler, Sean Detwiler, Olivia Shipsey **Bath:** Madison Burch, Dylan Crowell, Keegan Denery, Amy Franklin, Cole Hillis, Spencer Lindsley, Paige Martin, Damon Osmond, Helen Reese, Micheal Stinson, Kaylee Walker, Tyler Wallace **Bowdoin:** Mikala Dwelley, Thomas Giggey, Colin Ingalls, Christine Levesque, Abigail Morgan, Madysyn Rosenberg **Phippsburg:** Gustav Anderson, Lauren Chandler, Ian Fernald **Richmond:** Hunter Curtis, Paige Emerson, Vanessa Lee **Topsham:** Chelsea Crawford, Jacob Demosthenes, Alex Denis, Dylan Earl-Johnson, Thomas Emerson, Henry Gilson, Christopher Giroux, Emma Hutchinson, Brian Messmer, Sabrina Paetow, Michelle Pelletier, Joseph Reed, Rachel Thieme, Olivia Watson **West Bath:** Baylie Cram **Woolwich:** Kaitlyn Dube, Paden Stanton, Jeremy Thiboutot

Somerset County

Anson: Sara Taylor **Athens:** Lanie Howes **Bingham:** Cody Laweryson **Canaan:** Sarah Tracy **Cornville:** Hunter Smith **Detroit:** Leah Carron **Embden:** Carroll Chapman **Fairfield:** Bailey Carter, Ciera Poulin **Harmony:** Arend Thibodeau **Hartland:** Lydia Elwell **Jackman:** Patricia Lessard, Ian West **Madison:** Grace Cowan, Allison Dean, Jacob Girgis, Joshua Girgis, Sydney McDonald **Mercer:** Jaycee Cushman, Emily Greaney, Jason Hilton, Megan Hooper **Moscow:** Jordan Belanger **Norridgewock:** Benjamin Lyman, Kaelie Merrill, Logan Merrill, Zoe Perkins **Palmyra:** Laura Freudenberger, Ryan LaGross, Morganne Robinson **Pittsfield:** Alexander Audet, Marshall Lawler, Cassandra Miller, Anna Olsen **Saint Albans:** Allen Kimball, Zachary Ramsdell **Shawmut:** Abigail Weigang **Skowhegan:** Kaleb Austin, Maria Beaulieu, Kirstie Belanger, Nicolette Curran, Brooke Curtis, Michaela Lewia, Sadie Libby, Alanna Luther, Julia Meade, Alanna Wacome **Smithfield:** Eben Lenfest, Tanner Towle **Solon:** Brandon Dixon, Allyn Foss, Morgen Pluntke, Andrew Wilson **The Forks Plantation:** Lauren Heullitt

Waldo County

Belfast: Lucie Bonneville, Maylinda Boynton, Allison DellaMattera, Bingying Dong, Ashley Flanders, Patrick Groening, Emily Harriman, Marc McKinney, Mika McKinney, Tracey McKinney, Anna Struba **Belmont:** Justin Tozier **Brooks:** Micaela Ellis **Burnham:** Eliana Bergdoll **Frankfort:** Kaitlyn Robinson **Freedom:** Briana Littlefield **Jackson:** Sierra Fonger **Liberty:** Seth Davis, Emily Lewis **Lincolnville:** Brendan Carey, Carrie Milner, Patric Mooers, Matthew Watts **Monroe:** Emily English **Montville:** Aine Foley, Skye Siladi **Northport:** Hunter Merchant, Thomas Sigler **Palermo:** Olivia Bradstreet, Christina Claudel, Abigail Glidden, Ryan Hamel **Searsmont:** Cassidy Hill, Sadee

Mehuren, Roger Quehl, Collin Whitney **Searsport**: Dagan Berenyi, Ellie Damuck **Stockton Springs**: Bailey West
Swanville: Kasey McLeod **Troy**: Edward Angelo **Winterport**: Bailey Perkins, Samantha Ricker, Elizabeth Willard

Washington County

Baileyville: Mitchel Spear, Tanner White **Baring Plantation**: Cole Bridges **Beals**: Stacey Beal **Calais**: Forrest Carle, Josh Carr, Jordan Daley, Alyson East, Dominic Gayton **Columbia Falls**: Kayla Toppin **Cutler**: Alia Shaw **East Machias**: Shaina Murdaugh **Jonesboro**: Kassidy Seeley **Jonesport**: Kylie Hinkley, Catherine McDonald **Machiasport**: Emma Huntley **Milbridge**: Kelli Kennedy **Pembroke**: Jacob Curtis **Perry**: Madalyn Dana, Kassidy Sapiel **Whiting**: Gianna Porter

York County

Acton: Samuel Beaudoin, Sophia Crockett-Current, Daniel Miles **Alfred**: Andrew Bullard, Daniel Bullard, Chelsie Goodwin, Audrey Hoyle, Faith Hoyle, Jacqueline Stolo **Arundel**: Jacob Buttarazzi, Tanner Collard, Katherine Dube, Jenna Paul, Nicholas Roberts **Berwick**: Jacob Bradshaw, Andrew Butler, Abigail Couture, Allison Grant **Biddeford**: Connor Bouffard, Ashlyn Bourque, Margaret Bushey, Spencer Desrochers, Annita Douglas, Maggie Maloy, Anna Mininni, Amber Mondor, Carson Neumann, Connor Pothier, Michelle Ward, Maxim Zakian **Buxton**: Bethany Ashley, Jordan Fournier, Niklas Hase, Alyssa Libby, Madeline Logan, Caitlyn Sharples **Cape Neddick**: Wyatt Austin **Cornish**: Kathleen Tims **Dayton**: Alexander Belanger, David Petrin, Jordan Solman **East Waterboro**: Jacob Collupy **Eliot**: Ryan Anderson, Drew Bartlett, Zoe Brown, Leah Dodier, Isabella Etro, Jackson Foley, Bryant Goodenough, Annie Hepburn, Luke McNamara, Kayla Perry, Aidan Place, Adya Plourde, Garrett Robinson, Olivia Rowell, Marissa Sewell, Josef Siraco **Hollis Center**: Haley Robinson, Jennifer Turner **Kennebunk**: Joseph Beaudoin, Anna Cressey, Kaleigh Haroldsen, Ashley Kayser, Johannes Oosten, Kathryn Ross, Hannah Thomson, Julia Towne, Isaac Vaccaro, Justin Wiggins, Evan Yates **Kennebunkport**: Michael Conrad, Stewart Doe **Kittery**: Emilia Byrne, Ryan Campion, Victoria Courchaine, Madison Foye, Briana Lamoureux, Nicole McNally, Aidan Morrill, Sarah Noble **Kittery Point**: Alexandria Sillsby **Lebanon**: Emmaline Lovely **Limington**: Breanna Lifland, Jordyn Long, Emily Page, Cameron Trafford **Lyman**: Drew Brooks **North Berwick**: Jacob Burgess, Dylan Doucette, Taylor Dupont, Liam Griffin, Elizabeth Littlefield, Kody Moseley, James Stewart **North Waterboro**: Nathan Baert, Kaylee Hayes, Desiree Labbe **Ogunquit**: Olivia Arnold **Old Orchard Beach**: Hunter Boutot, Jamie Crowley, Shania Evangelista, Lauren Fogg, Katie Spagnolo **Parsonfield**: Jamie McDonald **Saco**: Clayton Arundel, Stephanie Ayotte, Caleb Bailey, Matthew Basile, Emma Clark, Shelby Courtois, Kendra Ermold, Mariah Gilbert, Chloe Gray, Gwendelyn Hill, Megan Hurrell, Christopher Kowash, Michael Kowash, Drew Lavigne, Benjamin Leary, Charles Lees, Ethan Levy, Nicholas Mizzoni, Ashley Paul, Alicyn Romprey, Kenneth Seneres, Kent Seneres, Andrew Smith, Dylan Smith, Benjamin Steva **Sanford**: Mathew Allen, Rebecca Campbell, Vanessa Caron, Matthew Egan, Shae Horigan, Summer Korpaczewski, Ethan Mathieu, Blaine Morin, Uriah Noble, Justin Norman, Nisha Patel, Taylor Pepin **South Berwick**: Zoe Allen, Kyle Claus, Renee Clavette, Abigail Doyle, Hannah Folger, Hailey Gagne, Haley Horton, Liam Keating, Ava Leman, Nicole O'Neil, Sarah Oakley, Nathaniel Poole, Grace Pouliot, William Ramsay, Mikaella Sansoucie, Amber Stacy, Alec Taylor, Alexis Young **Springvale**: Dean Johnson, Allison L'Heureux, Tian Morrison, Carina Ryan, Matthew Webber **Waterboro**: Mikaela Callahan, Troy Cloutier, Tyler Everett **Wells**: Michaela Albano, Anthony Crawford, Vincent Crawford, Julianne Fitzpatrick, Marcus Harding, Danielle Jarosz, Matthew Lavoie, Kate Macolini, Bennie McMinis, Christina Muse, Julia Nixon, Cassandra Page **York**: Steven Blaine, Amanda Cusack, Jack Engholm, Spencer Goulette, Anna Lane, Zachary Pease, Sophie Russell, Theodore Scontras [Back to full list](#)

UMaine to offer adaptive climbing sessions at Maine Bound

29 Jan 2018

The University of Maine in partnership with the Adaptive Outdoor Education Center's Horizons Alpine Climbing Program will offer adaptive climbing at the Maine Bound Adventure Center throughout the spring semester. The program is designed to provide assistance and accommodations for individuals with cognitive or physical differences and will include weekly adaptive climbing sessions on Wednesday evenings, as well as other events. To make the program a success, Maine Bound is recruiting a group of passionate and dedicated volunteers to work with participants.

Volunteer registration is [online](#). Maine Bound will host an Adaptive Climbing Volunteer Training and Community Climbing Day from 8 a.m. to 5 p.m. Sunday, Feb. 11 for anyone who is interested in becoming a volunteer for the program. The community climbing portion, from 1 to 5 p.m., is designed to give volunteers hands-on experience working with participants. Event registration is on the AOEC [website](#). Participation in the weekly climbing sessions is free for volunteers, UMaine Recreation members and students; \$5 for nonmembers. The program is made possible by collaborations between Maine Bound; AOEC; and UMaine's Office of Veterans Education and Transition Services, Office of Student Accessibility Services, and Bodwell Center for Service and Volunteerism. For more information, email Chris Bartram, Maine Bound coordinator, at christopher.bartram@maine.edu.

State won't use researchers' model to predict lobster decline, Press Herald reports

29 Jan 2018

The [Portland Press Herald](#) reported the Maine Department of Marine Resources is questioning the reliability of a new study that predicts a sharp decline in Gulf of Maine lobsters over the next 30 years. The Gulf of Maine Research Institute, University of Maine and National Oceanic and Atmospheric Administration built a computer model that predicts the population will fall 40 to 62 percent by 2030, according to the article. But the commissioner of the Department of Marine Resources said he won't use the model to help him decide how to manage the state's most valuable fishery, the article states. A state spokesman said the commissioner doesn't question the science of the model but sees the tool as unreliable because lobsters are a "wild resource," the Associated Press reported, citing the Press Herald story. Rick Wahle, a UMaine research professor who has studied lobster decline, said a goal of science is to be able to use all the tools at your disposal to analyze as much data as you can collect to predict the behavior of the thing that you are studying. "Nobody says we have a crystal ball," he said. "We used the most cutting-edge modeling tools available to try to study the impact of increasing water temperature, predators and disease." [U.S. News & World Report](#), [WABI](#) (Channel 5) and [The Seattle Times](#) carried the AP article.

Markovitch speaks with Morning Sentinel about restoring town of Jackman's image

29 Jan 2018

Dmitri Markovitch, an assistant professor of marketing at the University of Maine, spoke with the [Morning Sentinel](#) for the article, "Jackman moving on after outrage over town manager's racism." Despite scrutiny from news media outlets and internet users following the publication of the former town manager's racist beliefs, business owners are saying the attention has had little effect on their reputation as a tourist destination, and they're trying to put the controversy behind them, according to the article. Markovitch said the Board of Selectmen sent a clear message that the town manager's comments were not in line with the rest of the town when they acted swiftly to fire him. Markovitch, who joined Maine Business School in June 2017, said the town manager's dismissal was a good first step in damage control.

NPR's 'The Salt' mentions Bicks' book on Shakespeare, cocktails

29 Jan 2018

[National Public Radio](#)'s food blog, "The Salt," mentioned Caroline Bicks, the Stephen E. King Chair in Literature at the University of Maine, in a report about using alcohol to make William Shakespeare's world more relatable to modern audiences. Alcohol is a common theme in many of Shakespeare's plays, so much so that Bard scholars Bicks and Michelle Ephraim wrote a lighthearted book of cocktails titled "Shakespeare, Not Stirred," that aimed to bring the Bard to a more general audience, according to the article. "Booze — in Shakespeare, as in life — can lead to some unfortunate situations," Bicks said. "Jealousy, ambition, insecurity — those negative human drives haven't changed much since Shakespeare was writing, and people still use booze to manage them."

Motherboard publishes feature on Gill

29 Jan 2018

Jacquelyn Gill, a University of Maine paleoecologist, and her research is the focus of the [Motherboard](#) article, "This

ecologist finds clues to Anthropocene survival in ice age extinctions.” Gill describes herself as “an ice age ecologist in a warming world,” according to the article. As an expert on the Pleistocene era and an advocate for social justice, Gill has made a name for herself as an interdisciplinary dynamo who is outspoken about the need for a more open and inclusive science sector, the article states. Gill currently is interested in how ecological and climate shifts of the past can equip us to confront those in the present and future, Motherboard reported. “We’ve been moving away from hyperspecialization into more interdisciplinary questions, and I think it’s a recognition that the global change problems we want to solve are complex and touch on many aspects of the Earth, so to make traction on any of these problems, you really need it to be interdisciplinary,” she said.

Lilley speaks with BDN about new federal food safety rules

29 Jan 2018

Jason Lilley, a sustainable agriculture professional with the University of Maine Cooperative Extension, was interviewed by the [Bangor Daily News](#) for the article, “Maine farmers hit with new federal food safety rules.” The federal Food Safety Modernization Act is the first significant overhaul of food safety regulations since the 1930s and was designed to prevent foodborne illness, according to the article. This month, large farms that sell more than a half-million dollars worth of produce are the first that will have to comply with the regulations, with some smaller farms being told to comply in the next couple of years, the article states. Lilley, who is one of the UMaine Extension educators offering trainings to Maine farmers to help them get into compliance, said he believes the law’s requirements might be onerous to farmers but ultimately will help prevent foodborne illnesses. “People are frustrated because it’s the new thing they are being told they have to do, but there are resources,” he said. “If people are paying attention and being proactive, it’s not an unbearable new ask. When you consider what it’s like to have a foodborne illness, or to have your business responsible for causing one, it’s worthwhile to take those few extra precautions, in my opinion.”

AP quotes Rubin in report on road salt threatening US waters

29 Jan 2018

Jonathan Rubin, director of the Margaret Chase Smith Policy Center and professor of resource economics and policy at the University of Maine, spoke with the [Associated Press](#) for an article about how road salt is threatening waters in the United States. For decades, salt has been the cheapest and most effective way to cut down on traffic accidents during winter storms, according to the article. But researchers cite mounting evidence that those tons of sodium chloride crystals are increasing the salinity of hundreds of lakes, especially in the Northeast and Midwest, putting everything from fish and frogs to microscopic zooplankton at risk, the article states. “Adding salt to the environment does have negative impacts, but for those of us in the Northeast, especially in rural states, where driving is the predominant way of getting around, we need mobility,” said Rubin, lead author of a 2010 report on the cost and benefits of salting Maine roads. “In my opinion, we are always going to be using some degree of road salt,” he said. “The question is, can we use less?” ABC News and [Chicago Tribune](#) carried the AP report. [CBS News Radio](#) also interviewed Rubin about road salt and its environmental effects.

UMaine art faculty exhibition to open Feb. 16

30 Jan 2018



[caption id="attachment_58990" align="alignright" width="300"]

Installation, Detail (2017)[/caption] The Lord Hall Gallery at the University of Maine will present an exhibition of the rich and varied work of seven faculty members who teach in the Department of Art. “Featured Faculty / 2018,” which runs from Feb. 16 through March 16, will showcase work by Susan Groce, James Linehan, Laurie Hicks, Greg Ondo, Ed Nadeau, John Eden and Ellen Roberts. Exhibited art will include prints, paintings, photography, sculpture, mixed media and ceramics. The exhibition presents an overview of the research and creative accomplishments of studio and art education faculty. An opening reception will be held from 5:30–7 p.m. Friday, Feb. 16. The exhibition and reception are free and open to the public. Lord Hall Gallery is open from 9 a.m.–4 p.m. Monday through Friday and is wheelchair accessible.

Morning Ag Clips reports on study that finds beech rising, maple declining

30 Jan 2018

[Morning Ag Clips](#) published a University of Maine news release about significant changes occurring in the composition of hardwood forests in the Northeastern United States. In the past 30 years in Maine, New Hampshire, New York and Vermont, climate-associated changes have increased the abundance of American beech compared to three other hardwood species commonly associated with the regional forests, according to a UMaine-led research team. The significant shift to forests dominated by American beech is associated with higher temperatures and precipitation, according to Arun Bose and Aaron Weiskittel at UMaine, and Robert Wagner at Purdue University, the team that conducted the study. The change to more beech-dominated forestlands could have consequences for ecosystem structure and function, the researchers say. Beech is associated with a widespread bark disease and is known to limit natural regeneration of other species. In addition, the wood has less commercial value. [WVU](#) (Channel 7) also reported on the study and interviewed Weiskittel.

Machias Valley News Observer reports on UMM lunchtime concert series

30 Jan 2018

[Machias Valley News Observer](#) reported the University of Maine at Machias’ Student Engagement and Inclusion organization has launched a monthly concert series. “Tunes at Noon” will feature a different musical artist each month from 11:15 a.m. to 12:30 p.m. in Kilburn Commons. Students, staff, faculty and community members all are welcome to attend for no charge, though lunch is not included, according to the article.

UMaine Extension mentioned in BDN article on invasive pests

30 Jan 2018

The University of Maine Cooperative Extension was mentioned in the [Bangor Daily News](#) article, “Getting the jump on

invasive pests before they spread in Maine.” According to the Maine Department of Agriculture, Conservation and Forestry, invasive species cause more than \$100 billion in harm nationwide to agriculture, natural resources and human health. The Cooperative Agricultural Pest Survey — or CAPS — is the national pest detection program aimed at keeping the country’s agriculture and natural resources safe from invasive insects and plants, according to the article. At the state level, Maine’s agriculture, forestry and natural resource agencies work with staff from UMaine Extension and agents from the federal United States Department of Agriculture to conduct pest surveys, the article states.

Morse quoted in Press Herald article on eating scallops

30 Jan 2018

Dana Morse, an aquaculture researcher with Maine Sea Grant who works with oysters and other shellfish, spoke with the [Portland Press Herald](#) for the article, “Why don’t we apply the principles of nose-to-tail eating to scallops?” as part of the “Green Plate Special” column. According to Morse, most Americans eat only the scallop’s adductor muscle because it is typically free of hazardous biotoxins the animal is exposed to when it encounters algal blooms. The remaining edible parts of the scallop — the roe and milt — may hold on to the toxins, making them unsafe to eat, according to the article. Last year, Morse secured a grant to help fishermen figure out when and how often their scallops will need to be tested for toxins. He is working with scallop growers and Bigelow Laboratory for Ocean Sciences to establish affordable protocols fishermen could follow and to collect baseline data for the toxicity levels of the various parts of these farmed scallops, the article states.

Tisher, Borns co-write BDN op-ed on climate change

30 Jan 2018

Sharon Tisher, a lecturer in the University of Maine’s School of Economics and Honors College; and Harold Borns, professor emeritus of the Climate Change Institute and the School of Earth and Climate Sciences at UMaine, wrote an opinion piece for the [Bangor Daily News](#) titled, “Climate change under Trump: A perfect storm.” Tisher is a member of the Maine chapter of the Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members’ columns appear in the BDN every other week.

Science names recovery of ancient ice runner-up for 2017 Breakthrough of the Year

30 Jan 2018

[Science](#) named a study co-led by the University of Maine as one of nine runners-up for the 2017 Breakthrough of the Year. In August, researchers at UMaine, in collaboration with Princeton University, announced the recovery of an Antarctic ice core that contained record-setting ice 2.7 million years old — shattering the previous record by 1.7 million years. The captured gasses locked in small bubbles in the ancient ice offers a valuable glimpse of the atmosphere during a pivotal time in Earth’s climate history. According to the announcement, when the ice was frozen, Earth’s first ice ages had just begun. The core may offer clues as to what caused the dramatic climate shifts necessary to trigger the ebb and flow of ice across the surface of the planet. The core was recovered from the Allan Hills, a “blue ice” region situated at a lonely end of the Transantarctic Mountains where glacial flows and harsh winds bring the usually deeply buried ancient ice nearer to the surface. The research team, which included UMaine’s Andrei Kurbatov, Paul Mayewski, Nicole Spaulding and Heather Clifford of the Climate Change Institute and School of Earth and Climate Sciences, hope to return to the site and recover older ice. A 5-million-year-old core could offer a glimpse of what the climate system was like before the ice ages when atmospheric carbon dioxide levels and temperatures were higher. The recovery of ancient ice joins other runners-up, including the discovery of the first new species of great ape since 1929 and the oldest set of Homo sapiens fossils; breakthroughs in cryo-electron microscopy and biology research communication; advances in gene therapy, cancer drugs and in editing DNA and RNA; and new observations of neutrinos using portable detectors. The world’s first observation of a neutron-star merger was awarded Science’s 2017 Breakthrough of the Year.

Humanities to be celebrated in downtown Bangor during annual event

31 Jan 2018

The Clement and Linda McGillicuddy Humanities Center at the University of Maine will host the sixth annual Downtown Bangor Public Humanities Day at various locations Feb. 3 with a kickoff event Feb. 2. Free events for participants of all ages will be offered at venues including the UMaine Museum of Art, Bangor Public Library, Maine Discovery Museum, Nocturnem Draft Haus and COESPACE. In addition, some downtown businesses will offer a 10 percent discount throughout the day for UMaine students with a valid MaineCard. 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. This year's partners include the Bangor Symphony Youth Orchestra, The Happening Series, Bangor Public Library and UMaine Department of Art. The celebration will kick off 6 p.m. Friday, Feb. 2 with a Humanities Powered by PechaKucha presentation at COESPACE. All-day events on Saturday, Feb. 3 include a student art show at COESPACE, downtown cultural scavenger hunt, and a StoryWalk of "Kunu's Basket: A story from Indian Island," a children's book by local author Lee DeCora Francis that can be found in the windows of 15 businesses. Other scheduled events include a BSYO concert and petting zoo at the Maine Discovery Museum; a Celtic Quartet performance and grant and oral history workshops at Bangor Public Library; a poetry and prose reading at Nocturnem Draft Haus; and gallery tours, hors d'oeuvres and a scavenger hunt prize drawing at the UMaine Museum of Art. More information, including a complete schedule and Google map of the StoryWalk and event venues, is [online](#).

UMaine Career Fair to be held Feb. 7

31 Jan 2018

The University of Maine Career Center will host the annual UMaine Career Fair from 10 a.m. to 3 p.m. Wednesday, Feb. 7 at the New Balance Student Recreation Center on campus. More than 170 employers from Maine and around the country with job and internship opportunities are expected to exhibit at the fair. Over 100 of the companies are offering summer internships, and 42 are offering fall internships. Several graduate and professional schools, as well as branches of the military, also will be represented. 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. To help students prepare, extended walk-in hours are available at the Career Center from 10 a.m. to 3 p.m. Feb. 5–6. Those attending the fair are encouraged to download the "Careers by Symplicity" 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 1,000 students are expected at this year's event. The fair is underwritten by Bangor Savings Bank and Camden National Bank with additional support from several area sponsors. More information, including a [list](#) of participating employers and Career Fair [tips](#), is available [online](#) or by contacting Crisanne Blackie at cblackie@maine.edu or 581.1355. The snow date for the event is Wednesday, Feb. 14.

UMaine graduates explore marine policy in Washington, D.C.

31 Jan 2018

The National Sea Grant College Program has awarded prestigious Dean John A. Knauss Marine Policy Fellowships to three University of Maine graduates. Skylar Bayer, Kevin Staples and Mattie Rodrigue join 54 fellow graduates nationwide who will spend a year working on marine policy in Washington, D.C. The fellowships provide the opportunity for recent graduates to apply their scientific background to marine and coastal policymaking at the national



Skylar Bayer[/caption]

level. [caption id="attachment_59031" align="alignright" width="148"]
 Bayer received a Ph.D. from UMaine in spring 2017. Prior to that, she received her master's degree from the Massachusetts Institute of Technology and Woods Hole Oceanographic Institution's joint oceanography program, and her bachelor's degree at Brown University. Bayer's doctoral research focused on scallop reproduction, including development of an environmental DNA (e-DNA) procedure that can detect scallop spawning. "I'm excited to learn the language of policy and how it is made on Capitol Hill," Bayer said of her upcoming work with the Senate Environment and Public Works Committee (minority). She said she is looking forward to helping solve issues related to the Endangered Species Act, Clean Water Act, Clean Air Act and other landmark environmental laws. [caption



Kevin Staples[/caption]

id="attachment_59033" align="alignright" width="148"]
 Staples and Rodrigue earned dual master's degrees in marine science and policy at UMaine. Staples investigated the impact of climate change on growth of the American lobster. "I feel proud to be a part of this impressive 2018 class and proud to join those classes who have come before us, many of whom continue to do great work within our government," said Staples said, who is placed with NOAA's Coral Reef Conservation Program. Between completing her degrees and beginning her Knauss Fellowship, Rodrigue worked as a graduate assistant and served as the assistant to the executive director at Maine Center for Coastal Fisheries. [caption id="attachment_59034" align="alignright" width="148"]



Mattie Rodrigue[/caption] "I am most looking forward to the furious dose of learning I'm about to receive, as well as taking part in the behind-the-scenes policy work happening within and between several federal agencies," Rodrigue said. She is placed in the office of the assistant administrator for the NOAA Office of Oceanic and Atmospheric Research. The Knauss fellowship was established in 1979 for students interested in ocean, coastal and Great Lakes resources and the national policy decisions that affect those resources. Since the program's inception, more than 1,200 fellows have worked in the legislative and executive branches of government, transferring science to policy. The program is named in honor of one of the founders of the National Sea Grant College Program, former NOAA Administrator John A. Knauss.

Newton Daily News mentions UMaine Extension in article on school garden course

31 Jan 2018

The University of Maine was mentioned in a [Newton Daily News](#) article about an Iowa State University Extension and Outreach program that aims to help schools create gardens. The five-week School Garden 101 program provides teachers with horticultural skills and shows them how to connect gardening principles to school activities and courses, according to the article. Susan DeBlieck, program coordinator for the ISU Extension and Outreach Master Gardener Program, developed School Garden 101 in partnership with UMaine Extension while she was with Healthy Acadia, a public health nonprofit organization in Maine, the article states.

UMaine Extension to offer winter agriculture programs, Fiddlehead Focus reports

31 Jan 2018

[Fiddlehead Focus](#) reported the University of Maine Cooperative Extension, along with Madawaska Adult and Community Education, and Presque Isle Adult Education, have announced the 2018 Winter Ag School programs. All classes are free and open to the public, and will be held from 6 to 8 p.m. Classes begin Feb. 13 in Madawaska and Feb. 14 in Presque Isle, and run through March 20 and 21. Class topics will include private woodlot management, home gardening, pesticide training, apple management, and backyard poultry, according to the article. [The County](#) also published the article.

UMaine mentioned in Piscataquis Observer article on Maine moose study

31 Jan 2018

The University of Maine was mentioned in a [Piscataquis Observer](#) article about the fifth year of Maine's moose study. Recently, Maine Department of Inland Fisheries and Wildlife biologists and a helicopter-based aerial capture crew located, captured and collared 83 moose in northern and western Maine for the study. "Over the past four years, we have captured over 375 moose," said Lee Kantar, a moose biologist with IF&W. "It has given us unprecedented insight into moose survival and reproduction in the east." Currently there are 165 active collars on moose in Maine, the article states. Along with the field data that is collected concerning survival and reproduction, lab results gleaned from examinations and necropsies of dead moose have revealed clues about challenges impacting Maine's moose population. Biologists conduct an extensive field necropsy on each moose, taking blood, tissue and fecal samples that will later be analyzed by the UMaine Animal Health Laboratory and other specialized diagnostic facilities, according to the article. [The County](#) also published the article.

Talks by Koehler, Smart focus of Press Herald column

31 Jan 2018

Talks made during the Maine Agricultural Trades Show by University of Maine Cooperative Extension faculty Glen Koehler and Alicyn Smart were the focus of the latest column in the [Portland Press Herald](#) "Maine Gardener" series. Koehler, a fruit-tree specialist who also studies climate, spoke about "Farmer Adaptation to Changing Weather." Koehler used charts, maps and statistics to prove that the climate is changing. In addition to being warmer in Maine, it also has been wetter, and the weather has been more extreme, according to the article. Koehler said to adapt, both farmers and home gardeners will have to more faithfully follow good farming practices, such as adding more organic matter to the soil and improving irrigation systems. In her talk, Smart, a plant pathologist, listed the most common diseases sent to her lab last year. She offered tips to prevent disease, such as planting the most disease-resistant varieties of any crop, sterilizing pots and trays, getting a soil test and being sure not to over-fertilize. Smart urged farmers and home gardeners to send her samples of any diseased plants. Not only can she provide solutions, it will help her keep track of the plant diseases hitting Maine, the article states.

Walker speaks with WVH about increasing enrollment to meet nurse shortage

31 Jan 2018

Mary Walker, director of the University of Maine School of Nursing, was interviewed by [WVII](#) (Channel 7) about increasing enrollment to meet the state's growing nurse shortage. "Maine is experiencing a shortfall in nurses that is going to deepen across the next five years until there are about 3,200 nurses short of what we need to be able to deliver the care that we are delivering now," Walker said. To help address the problem, UMaine has increased enrollment in its nursing program, according to the report. "We are on target to admit another 115 first-time nursing students in the fall, and we will continue to do that in our effort to address the continuing shortage," Walker said. UMaine also is working with the University of Maine at Machias on a fast-track program for people that already have a bachelor's degree and want to go into nursing, the report states.

National Geographic interviews Holman about newly discovered tree species

31 Jan 2018

Garth Holman, a research associate in the School of Biology and Ecology at the University of Maine, spoke with [National Geographic](#) for the article, "First new species of temperate conifer tree discovered in more than a decade." To determine whether the Ulleungdo hemlock deserved to be its own species, Holman examined samples. He found that DNA in the nuclei of the tree's cells put it closest to southern Japanese hemlock, but DNA from the tree's chloroplasts more closely resembles that of a different hemlock species, according to the article. The team announced the new species in late 2017 in Systematic Botany. The Ulleungdo hemlock probably once grew widely in what is now Korea and China, but it was likely beaten back by glaciers during an ice age, Holman speculates. "You could describe it as Korea got run over by a glacier, but Ulleungdo got missed," Holman said. Because it is so rare, the researchers believe the tree is probably critically endangered. It now grows in arboreta in Philadelphia, Chicago, Boston and D.C., increasing its chances of survival, National Geographic reported. The fact that the Ulleungdo hemlock sprouts new needles early in spring could make it especially popular for landscaping, according to Holman. [The Boston Globe](#) also published an article on the discovery.

University studies students awarded scholarships

01 Feb 2018

The Penobscot Valley Branch of the American Association of University Women (AAUW) has named three recipients of the Non-Traditional Women Scholarships for the spring 2018 semester. To be considered for the \$500 award, students must have had at least a four-year break in their education, be enrolled as a degree student at UMaine or another college in the area, and have good academic standing with at least 20 completed credit hours. The AAUW also looks for those who demonstrate perseverance in pursuing their academic goals, whether overcoming personal barriers or balancing family and work with their studies. The spring 2018 AAUW Non-Traditional Women Scholarship awardees — Nancy DesJardin, Natascia LaVerde and Anna Caballero — are students in the [Bachelor of University Studies](#) (BUS) program at UMaine. DesJardin of Winterport returned to school after raising her son and running her own beautician studio. She says she was thrilled to be accepted in the BUS program and after graduation hopes to do humanitarian work such as health coaching or teaching nutritious food preparation, which reflects her commitment to community volunteering and her "love of feeding people." LaVerde, who is in her final semester, wrote in her letter of application that the award would help her as she balances working, studying and family time. She is a work-study student at the UMaine Hutchinson Center in Belfast and focuses on history, which she hopes will lead to work in historic preservation. She has applied for an internship with Portland Landmarks and intends to pursue graduate work. Caballero has served as a sign language interpreter for many years while raising three children, who have all chosen careers in education. Before returning to college, she worked for adult education programs in the Orono area. Caballero's BUS concentration emphasizes leadership skills since she wants to open her own practice training group home staff and others in social service fields. Pursuing a master's degree is part of her future plans. Barbara Howard, director of the Bachelor of University Studies program, was once a recipient of the award. She appreciated the support in her educational pursuits. More information about the Penobscot Valley Branch of the AAUW is [online](#).

UMaine to host regional high school marine science competition

01 Feb 2018

Maine and New Hampshire high school students will put their marine science knowledge to the test by competing in the Nor'easter Bowl at the University of Maine on Feb. 3. Teams from 17 schools will face off from 8:30 a.m.–4 p.m. in the Donald P. Corbett Business Building for the regional round of the 21st annual National Ocean Sciences Bowl. Students will vie for 15 \$1,000 scholarships offered by the event's sponsor, UMaine's College of Natural Sciences, Forestry, and Agriculture. The National Ocean Sciences Bowl, an interdisciplinary ocean science education program of the nonprofit Consortium for Ocean Leadership based in Washington, D.C., is a quiz bowl-style academic competition that tests students' knowledge of ocean-related topics, which include cross-disciplines of biology, chemistry, policy, physics and geology. In addition to the Nor'easter Bowl, scholars will be competing in 22 other contests throughout the nation. The winner of each regional bowl will compete in the national competition April 19–22 at the University of Colorado Boulder, where it will be co-hosted by the Cooperative Institute for Research in Environmental Sciences. Supporters can follow the competition on Twitter with the hashtags [#NOSBRocks](#) and [#NOSB18](#).

4-H Camp, Bethel ski center partner to promote outdoor activities, Sun Journal reports

01 Feb 2018

The [Sun Journal](#) reported that Mahoosuc Pathways in Bethel is working to get people outside and active this winter. In November 2016, after learning the Nordic ski center at the Bethel Inn Resort was not going to open because the manager was leaving, local skiers, business owners and nonprofits rallied to create a plan to keep the center going, according to the article. Mahoosuc Pathways, with help from the Bethel Outing Club and the Bethel Inn Resort, purchased equipment and arranged for volunteers to operate the center under its new name, Bethel Village Trails, the article states. The center rents equipment and has partnered with School Administrative District 44 and the University of Maine 4-H Camp and Learning Center at Bryant Pond to offer students opportunities to get outside and enjoy the trails, Sun Journal reported.

FBRI's Technology Research Center mentioned in media reports of property sale

01 Feb 2018

The Associated Press, [Bangor Daily News](#), [Portland Press Herald](#), [Mainebiz](#) and [WLBZ](#) (Channel 2) reported OTM Holdings, LLC announced it had purchased a former pulp mill in Old Town to redevelop it into a wood fiber complex housing multiple tenants. The Press Herald reported the sale will save the complex from demolition by the liquidation company that formerly owned the mill. The University of Maine's Forest Bioproducts Research Institute's Technology Research Center already occupies 40,000 square feet in the mill's warehouse, according to the AP. OTM said the center will be part of a campus that will capitalize on both the mill's energy generation capabilities and on the surrounding forestland. [Maine Public](#) and [WABI](#) (Channel 5) carried the AP report. Republican Sen. Susan Collins and independent Sen. Angus King also issued a [news release](#) applauding the Old Town mill economic redevelopment effort.

UMaine, UMM included in BDN article on grants for consolidation models

01 Feb 2018

Education initiatives involving the University of Maine and University of Maine at Machias were mentioned in the [Bangor Daily News](#) article, "Maine awards \$4.6M in latest push to spur schools to collaborate." Maine is handing out 11 more grants aimed at encouraging new, creative models of school consolidation, according to the article. The Maine Department of Education recently announced the latest round of EMBRACE regionalization grant recipients. In Washington County, 11 groups are partnering to re-establish a group called the Washington County Consortium with the mission of creating sustainable professional development opportunities in the area. The effort involves schools across the region, headed by Calais, and also includes Maine Indian Education, UMM and a Washington County leadership team, the article states. In another project, Unity-based RSU 3 will collaborate with Brewer Community School, Indian Island School, RSU 20, Wiscasset Elementary School and UMaine to create a regional professional

development program for teachers in a push to improve academic achievement and social growth among students, the BDN reported.

NEXT radio show, podcast interviews Birkel about climate, weather

01 Feb 2018

Sean Birkel, Maine's state climatologist and a research assistant professor at the University of Maine's Climate Change Institute, was a recent guest on [NEXT](#). The weekly radio show and podcast about New England is produced by WNPR in Hartford, Connecticut. In the Jan. 11 episode, "Going to the Well," Birkel spoke about the difference between climate and weather. He also discussed the Climate Reanalyzer visualization tool, which was created at the Climate Change Institute.

Jarod Webb: Sophomore education major in student leadership

01 Feb 2018

During his senior year at Penquis Valley High School in Milo, Maine, Jarod Webb was conflicted about what he wanted to study at the University of Maine. Then one of his teachers asked, "What about teaching?" "I thought that it would be a really nice profession to go into to be able to help people, and also I love English. So it was a really nice way to combine those two things," Webb says. Webb is now a sophomore majoring in secondary education in the College of Education and Human Development. He carries a 4.0 grade point average and is president of the UMaine chapter of Student MEA, the Maine Education Association. His goal is to become a high school English teacher. Webb already has had the opportunity to experience some of what life will be like as a teacher. He did a field experience placement at Fairmount School in Bangor as part of his EHD 101: The Art and Science of Teaching class. Last year, he job shadowed a 9th and 10th grade English class at Piscataquis Community High School in Guilford. "It was such a cool experience," he says. "My mentor teacher let me go to everything that she could. I was invited to staff meetings and individual education plan meetings. That wasn't part of what she had to do for me, but she gave me so many opportunities." Webb will have more opportunities to gain in-class experience when he does his 100-hour placement and student teaching. In the meantime, he's already demonstrating leadership through his involvement with Student MEA. The UMaine chapter of the organization hadn't been active in a few years, Webb says. So he reached out to the leader of the University of Maine Farmington chapter to discuss some of the events they've held. He's hoping to organize teacher panel or professional development activity in the near future. "That's a big part of Student MEA — helping bridge the gap between the theoretical things that we can learn in the classroom and the more practical, real-world experiences," Webb says. It's the hands-on experiences he's getting through his classes that Webb says he appreciates most about his undergraduate program. "Those opportunities to have real-life ventures in actual situations," he says. "All of that has been what I consider the most rewarding of all my experiences so far." **What is Student MEA and how can UMaine students get involved?** It's the Maine Education Association's student branch and it looks to help future educators in the state. It's a really great opportunity to take what we learn in the classroom and be able to see how it holds up in real-life situations. A big focus is on professional development. To be a member you must be a UMaine student. There's also a \$28 MEA fee which gives you access to all of their professional development as well as \$1 million in liability insurance when you're out in the field. **Why UMaine?** UMaine is close to where I'm from. Milo is about 40 minutes from Orono. That was a huge pull. I'm close to my parents and they're a short drive away if I want to go home. I still have a job at a hardware store in Milo, which is a really wonderful thing. And also, I just love the campus. I never took an official tour, but I had a friend who came here and she showed me around. I remember seeing it in the spring. It's such a beautiful campus. **How would you describe the academic atmosphere at UMaine?** It can be anything you want it to be. There's so many different ways that you can make classwork your own, and I've found a lot of independence in that. There are many helpful resources on campus, including the Tutoring Center. You have all of the things that you need in order to succeed. **Describe UMaine in one word.** Vast. **Why vast?** The campus itself is vast, the opportunities are vast and the social elements are vast. There's just so much you can do here. **What's your most memorable UMaine moment?** Finishing first semester, getting my grades and realizing that I had a 4.0 GPA. **What do you hope to do after graduation and how is UMaine helping you reach those goals?** After graduation I want to teach high school English. UMaine is helping me achieve my goal through the local classroom placements and placements with some of the faculty. I have connections to school districts in the area. **What's the most interesting,**

engaging or helpful class you've taken at UMaine? Adolescent Psychology because I loved the material. It was fascinating. I'm going to be working with adolescents professionally and to be able to put those behaviors in context and understand why they're happening is huge. **What difference has UMaine made in your life?** In Milo, I graduated with 42 people. I remember coming here and being intimidated. Now I feel much more open socially as far as being able to strike up a conversation with someone or to sit next to someone in class. Contact: Casey Kelly, 581.3751

Crittenden awarded grant to support research dedicated to older adult volunteerism

02 Feb 2018

Older adults are balancing a growing number of responsibilities during what would have been traditional retirement years. Work, family and community obligations present a challenge for would-be volunteers and the organizations that seek to engage with them. To strategize a solution, Jennifer Crittenden of the University of Maine Center on Aging was awarded a \$46,650 Corporation for National and Community Service Dissertation grant from the Corporation for National and Community Service (CNCS), a federal agency that oversees AmeriCorps and the nation's volunteer initiatives. The study, one of 13 selected for funding from 79 applications, aims to explore the challenge many older adults face to balance their work, caregiving and volunteer roles. Crittenden, assistant director of the Center on Aging, and an adjunct faculty member and Ph.D. candidate in the School of Social Work, designed the study to help address the changing nature of how people are spending their retirement years. "Now is a critical time to examine how we welcome older adults into various roles including paid and unpaid work. Many volunteer programs are set up to engage older adults under a more traditional model of volunteering, one that does not necessarily take into account the various roles that people are juggling in their lives," Crittenden says. "This research seeks to better understand what older adults have on their plate and how we can help them to stay healthy, active and engaged in their communities." According to CNCS, the grant supports the organization's strong belief in the importance of scholarly research to identify effective strategies in the field to highlight the impact associated with civic engagement, volunteering and national service. In addition to UMaine's Center on Aging, CNCS awarded 12 grants to higher education institutions across the country, totaling more than \$1.3 million. The awards aim to address gaps in knowledge, and provide new ideas for volunteer and civic engagement infrastructure.

UNESCO interviews Socolow ahead of World Radio Day

02 Feb 2018

UNESCO (United Nations Educational, Scientific and Cultural Organization) interviewed Michael Socolow, an associate professor of communication and journalism at the University of Maine, ahead of World Radio Day, which is Feb. 13. This year's theme is "Radio and Sports." Socolow, who is the author of "Six Minutes in Berlin: Broadcast Spectacle and Rowing Gold at the Nazi Olympics," spoke about women and sports broadcasting around the world.

BDN advances Downtown Bangor Public Humanities Day

02 Feb 2018

The [Bangor Daily News](#) included Downtown Bangor Public Humanities Day in a roundup of local events happening the weekend of Feb. 2–4. Saturday events will include cultural offerings such as Irish music, a workshop on oral history, a poetry reading and guided tours of the University of Maine Museum of Art, the article states.

Dallas News cites study in report on how parents can stop hazing

02 Feb 2018

[Dallas News](#) cited a 2008 University of Maine study in the article, "How parents can stop hazing before kids become victims — or suspects." The national study, which was conducted by researchers Elizabeth Allan and Mary Madden, found that 9 out of 10 people who were hazed didn't recognize that what happened to them was hazing, according to the article. The study also showed that even though athletes and fraternity members are the biggest hazers, hazing happens at all levels of society and in all kinds of organizations, including band and performing arts, choir, church groups and

the workplace, the article states.

WABI covers Black History Month kick off at UMaine

02 Feb 2018

[WABI](#) (Channel 5) reported the University of Maine began its celebration of Black History Month with opening remarks and a flag raising. Kirsten Daley, president of the UMaine Black Student Union, described the monthlong celebration as “a remembrance of our past and how it affects us today, but also a celebration of all of the amazing things our community has done.” With support from the University of Maine Foundation, the Black Student Union announced a plan to create a scholarship fund for black leaders of color at UMaine, according to the report. Intermedia MFA student Eleanor Kipping also spoke at the event. As part of UMaine’s Black History Month observance, Kipping’s photography exhibition, “Brown Paper Bag Test,” will be on display throughout February at several locations on campus.

MDI Biological Lab, UMaine research could lead to new therapies for diabetics

02 Feb 2018

A new study conducted by researchers at MDI Biological Laboratory and the University of Maine could lead to new therapies for people with diabetes. The research, led by MDI Biological Laboratory scientist Sandra Rieger, has demonstrated that an enzyme she had previously identified as playing a role in peripheral neuropathy induced by cancer chemotherapy also plays a role in peripheral neuropathy caused by diabetes, according to an MDI Biological Laboratory news release. The identification of a common molecular mechanism means more patients could potentially benefit from drugs that target this mechanism, the release states. In previous research with zebrafish, Rieger identified two compounds that prevent and reverse peripheral neuropathy caused by exposure to Taxol, or paclitaxel, a common cancer chemotherapy agent. The new study, published in the [Journal of Diabetes and its Complications](#), tested the effectiveness of one of these compounds in preventing glucose-induced peripheral neuropathy. The study found the compound to be effective in zebrafish and mice, MDI Biological Laboratory reported. The mice research was conducted in collaboration with Kristy Townsend, an assistant professor of neurobiology at the University of Maine. The mice were fed a high fat/high sugar diet to induce diabetes. Other UMaine researchers on the project were Amanda Dubois and Magdalena Blaszkiewicz with the School of Biology and Ecology and Graduate School of Biomedical Sciences and Engineering. The full MDI Biological Laboratory release is [online](#). Categories: campus announcements, graduate school, natural sciences, forestry, and agriculture, research

Maine DOE grant to fund professional development program provided by UMaine faculty, graduate students

02 Feb 2018

University of Maine faculty and graduate students in the College of Education and Human Development will collaborate with local school districts to train teachers in Positive Behavior Interventions and Supports (PBIS) as part of a grant from the Maine Department of Education. The three-year, \$246,000 grant is one of 11 projects to receive funds in the second round of a DOE initiative called EMBRACE, or Enabling Maine students to Benefit from Regional and Coordinated approaches to Education. The total amount awarded to schools across the state from this round of EMBRACE grants was \$4.6 million. The grant will allow local schools, in collaboration with UMaine faculty and PBIS doctoral students, to create a sustainable, regional professional development program with a multi-tiered Positive Behavior Interventions and Supports framework. PBIS is an evidence-based model for fostering positive school climates and promoting behavioral growth and academic engagement. It is based on a community health prevention model. “The PBIS framework helps schools establish a continuum of behavioral supports to address student needs,” says Courtney Angelosante, a lecturer in special education with the College of Education and Human Development and an expert in PBIS. Angelosante will help train teachers through the professional development program, along with PBIS doctoral student Karen Robbie and Jim Artesani, associate dean of graduate education, research and outreach with the College of Education and Human Development. “It is expected that 80 percent of students in a given school will respond favorably just by implementing the first tier of PBIS, and 95 percent of students will have most of their needs met by

implementing the second tier,” Angelosante says. Besides UMaine, participants in the EMBRACE grant-funded PBIS program include, RSU 3/MSAD 3 (Brooks, Freedom, Jackson, Knox, Liberty, Monroe, Montville, Thorndike, Troy, Unity, Waldo), Brewer Community School, Indian Island School, RSU 20 (Searsport, Stockton Springs) and Wiscasset Elementary School. A separate, ongoing collaboration between Maine DOE and the University of Maine System helped 42 schools across the state adopt PBIS during the 2016–17 school year.

Events slated for Winter Carnival Feb. 9–11

05 Feb 2018

Several activities are planned as part of the University of Maine’s annual Winter Carnival. The event will run Feb. 9–11 and is open to all UMaine students. Activities scheduled to take place throughout campus include laser tag; a snow sculpture contest; tug-of-war; bingo; a [dance marathon fundraiser](#); and a soup, chili and chowder cook-off. For more information or a complete schedule, visit the Office of Campus Activities and Student Engagement (CASE) [Facebook](#) page, or call 581.8325.

UMaine dance marathon, fundraiser to be held Feb. 10

05 Feb 2018

The University of Maine’s Black BearTHON, a 12-hour dance marathon and fundraiser, will be held from 1 p.m. Saturday, Feb. 10 to 1 a.m. Sunday, Feb. 11 in the Memorial Union. Since 2012, the annual event has raised more than \$320,000 to help area hospitals support local children. The event, which in 2015 became the largest community fundraiser on campus, raised \$46,062.18 last year. The funds support the Neonatal Intensive Care Unit (NICU) at Eastern Maine Medical Center in Bangor, an EMHS Foundation Children’s Miracle Network Hospital. More than 450 participants currently are registered and fundraising for the event. This year’s goal is to for each dancer to raise \$152, a dollar for every year UMaine has been a university, according to event organizers. As of Jan. 30, participants had collected more than \$10,500. Community members are invited to attend the “Madagascar” movie-theme event. A \$10 donation per person is suggested. Additional theme hours will be held throughout the evening, including Arctic Adventure, We’re Going on a Safari, Rainforest Rampage, DreamWorks Pajama Party, Going Mad for Candy, Luau Party and Glow Party. More information, including how to donate and register, is on the event’s [website](#) and [Facebook](#) page. The event also can be followed on Instagram [@BlackBearTHON](#).

Republican Journal advances agricultural plastic recycling forum in Belfast

05 Feb 2018

[The Republican Journal](#) reported the University of Maine Waldo County Extension Association is organizing an agricultural plastic recycling forum 1:30–4:30 p.m. Feb 10 at the United Farmer’s Market of Maine in Belfast. The ag plastic recycling work group is attempting to develop best practices for increasing the recycled plastic content from the waste stream of Maine’s farms and agricultural producers, according to the article. The goals of the project include facilitating ag plastic collection and recycling, identifying, and if necessary, developing new end markets and uses for waste ag plastic, the article states.

Grad student’s climate change art mentioned in Press Republican column

05 Feb 2018

Jill Pelto, a graduate student in the School of Earth and Climate Sciences at the University of Maine, was mentioned in the opinion piece, “Artists engage the science of climate change,” published in the [Press Republican](#) of New York. Earth’s changing climate has brought artists working in all media to express in their own way what is happening to Earth’s climate systems right now, according to the article. Pelto, a watercolorist and scientist, has created several evocative pieces with the intention of communicating scientific research through art. She uses “real data about rising sea levels, glacier volume decline, increasing global temperatures” and more to show “the interconnectedness of our planet’s natural resources,” the column states.

System's local food pledge focus of Press Herald editorial

05 Feb 2018

The University of Maine System's pledge to offer more local food was the focus of a [Portland Press Herald](#) editorial. When the University of Maine System signed a food-service contract in 2016 prioritizing local food, it sent a strong message about supporting Maine agriculture, according to the editorial. The 10-year contract set the goal of purchasing 20 percent of all food from local growers and producers by 2020, and in January 2018, university officials announced the system already was at 23 percent. "By working with growers and producers they already knew, and by seeking out others who could meet their needs, food-service officials throughout the system — including in Orono, which by itself made great strides in the use of local food in the last two years — they replaced food from out of state with Maine-made offerings, and in the process provided a new market to many local growers," the editorial states.

NPR interviews Allan for report on hazing

05 Feb 2018

Elizabeth Allan, professor of higher education at the University of Maine, spoke with [NPR](#) for the report, "Penn State fraternity death brings new attention to hazing." Allan, who studies how prevalent hazing is and how to prevent it, defines hazing as, "Any activity expected of someone joining or participating in a group that humiliates, degrades, abuses or endangers them regardless of a person's willingness to participate." Allan surveyed college students and found many of them don't even know that they have experienced hazing, according to the report. "When we asked students what they had experienced in order to become a member of their club, team or organization, 55 percent reported behaviors that would meet the definition of hazing," Allan said, adding that only about 1-in-10 of those students said they had been hazed. Allan said it's important for colleges to talk openly about hazing and its consequences, and campaigns should include more than just fraternities and sports teams. The goal is to have everyone in the community aware of the issue and willing to report problems, the report states.

Leahy quoted in Kennebec Journal article on Maine firewood demand

05 Feb 2018

Jessica Leahy, a professor of human dimensions of natural resources at the University of Maine, was interviewed by the [Kennebec Journal](#) for the article, "Firewood in short supply across Maine in wake of cold spell." According to Maine firewood dealers, many customers procrastinated getting their orders in because of the mild fall, and pre-order demand for firewood peaked later in the season than usual. While organizations in Maine are involved in tracking the value of products that are made from the state's forests, they don't generally track firewood, the article states. How people heat their homes is tracked by the U.S. Census through its American Community Survey. While the information it collects comes with a range of margins of error, it shows that between 2009 and 2016, those who reported using wood as a heat source increased from 47,475 to 72,713, the KJ reported. "We don't understand the supply on the dealer side, and we don't understand the demand," Leahy said. "We don't understand household behavior if there are two heating sources. How do people choose? Is it purely price, or is it something else?"

New York exhibition includes innovative device that got its start at UMaine

06 Feb 2018



AFARI, a three-wheeled outdoor mobility device developed at the University of Maine and now manufactured by a Maine-based company, is one of more than 70 innovative designs in the [“Access+Ability”](#) exhibition on display through Sept. 3 at Cooper Hewitt, Smithsonian Design Museum in New York City. From low-tech products that assist with daily routines to the newest technologies, all developed in the past decade, the public exhibit “explores how users and designers are expanding and adapting accessible products and solutions in ways previously unimaginable,” according to the museum website. AFARI was invented by UMaine professors Stephen Gilson and Liz DePoy, and engineered by professor Vince Caccese. Project funding came from two seed grants from the Maine Technology Institute and then by National Institutes of Health. Alumnus Ryan Beaumont contributed his biomechanics experience in product development and manufacturing. Together, the four launched the company [Mobility Technologies](#) to bring AFARI to market, with Beaumont as the CEO and lead marketer. AFARI is an aesthetically designed device, positioning the user in an upright stance. It enables persons who need or want balance, stability and/or weight-bearing assistance to participate in outdoor jogging, running and distance walking on diverse terrain. According to Cooper Hewitt curator, Cara McCartney, AFARI’s beauty lies in its seamless design, appearing as if the users are walking their bikes. Gilson and DePoy created the outdoor mobility equipment for their own use. After training for a triathlon and reaching the requisite distance on their treadmills, DePoy, who has limited balance, realized that she would not be able to compete without adaptive equipment. But none existed that embodied both form and function for outdoor mobility. AFARI is nonstigmatizing and stylish, built exclusively for outdoor movement. It fosters independence, social interaction, and confidence, while promoting endurance, strength and upright posture. Cooper Hewitt, Smithsonian Design Museum “advances the public understanding of design through dynamic, interactive exhibitions, stimulating programming, and a broad array of online learning resources,” according to its website.

Master of Arts in Teaching Open House

06 Feb 2018

A Master of Arts in Teaching (MAT) Open House will be held 2:30–5 p.m. Feb. 20 in the Coe Room, Memorial Union. College of Education and Human Development faculty and staff will be available to answer questions about the combined online/in-person, 15-month MAT program, launching during May Session. MAT is for those with an undergraduate degree who want to teach secondary school in English, math, science, social studies or world languages. Part-time study also is available. For more information, email Bryan Silverman, bryan.silverman@maine.edu.

Social media spotlight: Isaiah Mansour

25 Jan 2018

Hometown: Fairfield, Connecticut I'm a marine science major with a dual concentration in marine biology and aquaculture, and for two years I was vice president of student entertainment. I enjoy playing music, reading, meditation and being outside. I'm researching human pharmaceutical uses of marine invertebrates. I've always been fascinated by marine life and how marine animals have developed biological approaches to survival that can be used to inspire or directly enhance human medical treatments. UMaine provides exceptional opportunities for students to engage in their interests and explore their passions; I plan to be a research assistant, then go to graduate school for a Ph.D. See posts featuring Mansour on UMaine's [Facebook](#) and [Instagram](#) pages.

Social media spotlight: Abigail Bennett

18 Jan 2018

Hometown: Oxford, Maine I'm fascinated by the increasing complexity of the stock market and the power concentrated in the hands of corporate owners. I'm a senior studying financial economics; my Honors thesis is on the difference in performance between passively and actively owned companies. I love being co-president of UMaine's student-run investment club (SPIFFY) and secretary of the College Republican National Committee, which have positively shaped my college experience and life. I blog about personal finance, and hike, ski, run and hang out with my amazing family. The No. 1 reason I love UMaine: the incredible network we'll be part of for the rest of our lives. See posts featuring Bennett on UMaine's [Facebook](#) and [Instagram](#) pages.

Mainebiz announces 35 startups selected for Top Gun Maine 2018

06 Feb 2018

[Mainebiz](#) reported the Maine Center for Entrepreneurs, University of Maine, Lewiston Auburn Metropolitan Chamber of Commerce, and the Gulf of Maine Research Institute have selected 35 businesses for the Top Gun Maine 2018, a statewide program that assists early-stage companies with high-growth potential. This is the first year that sessions will convene in Portland, Bangor, Brunswick and the Lewiston-Auburn regions, according to the article. It also features for the first time an industry-themed program focused on aquaculture businesses in Brunswick, Mainebiz reported.

Times Higher Education mentions UMaine in report on state systems' tuition, enrollment

06 Feb 2018

The University of Maine was mentioned in the [Times Higher Education](#) article, "U.S. state systems freeze tuition fees as enrollment falters." Growing numbers of U.S. state university systems are predicted to freeze tuition fees in response to faltering enrollment levels, but a leading researcher has warned that this could undermine efforts to widen participation, according to the article. Iris Palmer, a senior policy analyst at the think tank New America, said public university systems tended to freeze tuition fees when the state increased its direct investment in higher education and to raise fees when university funding was cut. However, she predicted that an increasing number of public university systems would freeze tuition fees in an effort to increase enrollments. She cited UMaine as an example of a public system that has recently taken this step "to make the schools more appealing to out-of-state students and to other students in the state." In-state tuition fees at UMaine increased last year after having been frozen for the previous six years. In addition, four of the system's campuses pledged last year to cover the cost of tuition and fees for low-income students, the article states.

Lobster Institute cited in Seafood News article on proposed lobster boiling ban in UK

06 Feb 2018

The Lobster Institute at the University of Maine was mentioned in a [Seafood News](#) article about the United Kingdom considering action to make it illegal to boil live lobsters. Crustacean Compassion, an animal welfare organization based in the U.K., is looking to follow Switzerland's lead and convince government officials to ban the practice, according to the article. Scientists with the Lobster Institute say the animals aren't developed enough to feel pain. "For an organism to perceive pain it must have a more complex nervous system," the institute says on its website. The [Portland Press](#)

[Herald](#) published the Seafood News article.

Hopkins to lead hands-on maple sugaring presentation, Republican Journal reports

06 Feb 2018

[The Republican Journal](#) reported Waldo County Soil and Water Conservation District and Maine Forest Service are offering a series of short field tours to highlight forest stewardship and conservation in Waldo County. The next event is Maple Sugaring for the Small Woodlot Owner, scheduled for 2–4 p.m. Feb. 22 at Simmons & Daughters Sugar House in Morrill, according to the article. Kathy Hopkins, a maple syrup expert with the University of Maine Cooperative Extension, will give a hands-on presentation on the basics of making syrup, including identifying and tapping trees and using the right equipment. The presentation is geared toward beginners in maple sugaring, especially woodland owners, homeowners and other noncommercial producers, but everyone is welcome, the article states.

Rondeau publishes new book on political journal published in Quebec during 1960s

07 Feb 2018

Frédéric Rondeau, an assistant professor of French and assistant director of the Canadian-American Center, has co-written a new [book](#), “Avec ou sans Parti pris. Le legs d’une revue,” Montreal, Éditions Nota bene, collection Grise, 2018, 460 p. The book by Rondeau, Gilles Dupuis, Karim Larose and Robert Schwartzwald focuses on the political journal Parti pris published in Quebec during the 1960s.

Sherman Hasbrouck passes away

07 Feb 2018

Sherman Hasbrouck, a former University of Maine employee, passed away Feb. 4. After moving to Orono in 1966, Sherman worked at UMaine, first as a community development specialist with University of Maine Cooperative Extension Services and later with the Land and Water Resources Center, according to his [obituary](#).

Undergraduate research training session to be offered March 6

07 Feb 2018

The University of Maine Office of Research Compliance will hold a Responsible Conduct of Research training 5–8:30 p.m. Tuesday, March 6 in Hill Auditorium. The session is for undergraduate students participating in NSF, NIH and/or USDA-NIFA sponsored research. Registration is required by Feb. 27. More information, including a link to register, is online.

Winter Session enrollment up for third year

07 Feb 2018

University of Maine Winter Session continues to grow in popularity, with 1,165 students enrolled and 30 courses offered Dec. 27–Jan. 16. Enrollment in UMaine’s third Winter Session was 72 percent higher than in 2015–16, and up 25 percent over last year. Participation in Winter Session is critical to the [Think 30](#) initiative, designed to encourage undergraduate students to complete 30 or more credits per academic year by taking advantage of courses that are offered year-round, both on campus and online.

Hillas writes BDN op-ed on Nunes memo

07 Feb 2018

Kenneth Hillas, a retired U.S. diplomat and adjunct professor in the School of Policy and International Affairs at the

University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled, “The Nunes memo has serious consequences for national security.” Hillas currently is teaching a course on the U.S. intelligence community and national security.

Ellis to lead poetry workshop in Rockland, Republican Journal reports

07 Feb 2018

[The Republican Journal](#) reported Kathleen Ellis, who teaches English and in the Honors College at the University of Maine, will lead a poetry workshop at the Farnsworth Art Museum in Rockland. The Flexing Your Muscles workshop will run from 10 a.m. to 1 p.m. Monday through Friday, March 12–16, according to the article. Workshop participants will expand their range of poetry writing styles and explore new strategies for re-energizing their work by creating and stretching tension and surprise. Using models of contemporary poets, as well as current exhibits at the Farnsworth, they will jump-start new poems based on what they see, read, imagine and re-vision, The Republican Journal reported.

Scheele speaks with BDN about current state of UMaine radio station

07 Feb 2018

Kenda Scheele, assistant vice president for Student Life at the University of Maine, spoke with the [Bangor Daily News](#) for an article about the current state of WMEB 91.9 FM, UMaine’s student-run radio station. WMEB’s terrestrial signal has been off the air since a fire at the transmitter site in January. However, the station continues to have an online streaming presence, accessible on its website, according to the article. UMaine’s Division of Student Life, which oversees WMEB’s budget, will decide when replacements to restore the signal will be made. Several of the equipment pieces cost more than \$20,000, meaning a bid will need to be put out in order for the university to purchase it, the BDN reported. “We’re in the process now of figuring out what exactly we need, and where do we get it, and making sure all the different parties here at the university that need to be consulted are consulted,” said Scheele, who hoped to nail down a timeline for restoring the signal in the next two weeks. “This is the first time I or any of us have had to figure out something like this, so we’re just taking it one step at a time.” Scheele also spoke with [WABI](#) (Channel 5) about the repairs. and the Associated Press also published a report on the station. [Maine Public](#), [U.S. News & World Report](#) and SFGate carried the AP story.

Kersbergen quoted in BDN article on farm animal abuse during winter

07 Feb 2018

Rick Kersbergen, a sustainable dairy and forage systems expert with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for the article, “Farm animal abuse and neglect starkly visible in the winter, says animal advocate.” Kersbergen said nutrition, or the lack thereof, is what he finds to be the biggest problem in regards to farm animal welfare. “During the winter, people are paying a fair amount of money to feed these animals,” he said. “They need more feed during cold weather. It’s an economic issue. If you can’t afford to feed your animals, that’s a tough one. It’s a tough situation that people get into. It’s a matter of them trying to plan ahead and do what they need to do.”

‘You’re the Expert’ podcast spotlights Townsend

08 Feb 2018

A podcast of the 2017 Maine Science Festival headliner event, “You’re the Expert,” is now available [online](#), featuring University of Maine professor Kristy Townsend. An interview with Townsend, an assistant professor of neurobiology, also is on the Maine Science Festival [website](#). The 2018 headliner for the fourth annual Maine Science Festival, March 15–18 in Bangor, is Robert Krulwich, co-host of Radiolab, one of public radio’s most popular shows.

Black Bear Exchange among campus food pantries to benefit from UCU campaign

08 Feb 2018

During a December initiative, University Credit Union (UCU) brought attention to food insecurity among college students in Maine by launching a statewide awareness campaign, raising more than \$8,100 for the five University of Maine System-based campus food pantries. The University of Maine's Black Bear Exchange food pantry and clothing swap, which assists about 20 people per week, received \$1,157.84 from the campaign, according to a UCU news release. During the Ending Hunger on Campus in Maine initiative, UCU branches collected donations from around the state, ultimately exceeding the fundraising goal by more than \$600, the release states. The full news release is on the Downeast Coastal News website.

UMaine mentioned in BDN report on challenges facing Maine's schools

08 Feb 2018

The University of Maine was mentioned in the [Bangor Daily News](#) analysis, "4 lessons from a look at the pressing challenges facing Maine's schools." One of the lessons, "Cultivate strong school leaders," gave an example of the Bangor School Department's Bangor Educational Leadership Academy. The academy, which began in fall 2016, allows participating staff members to take the course work needed to earn school leadership credentials through UMaine, according to the article. The participants also receive mentoring from current administrators, and they're required to conduct their own research and propose solutions to ongoing school department challenges, the article states.

Kersbergen speaks with BDN about winter farmer, producer meeting in Belfast

08 Feb 2018

Rick Kersbergen, a sustainable dairy and forage systems expert with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) about a gathering of farmers, food producers and others at the United Farmers Market of Maine in Belfast. The group will meet to share a meal and talk about what's next with a panel of local experts who will share their food trend predictions, according to the article. The Feb. 10 meetup also is intended to give farmers a chance to network during the slow season. It is primarily organized by the University of Maine Cooperative Extension's Waldo County office, and Kersbergen said that before the potluck, there will be a forum about recycling agricultural plastic. "This is more in terms of trying to figure out what can potentially be done," Kersbergen said. "What's valuable and what isn't valuable. We'd like to try and find a home for all this plastic. It's not only expensive to get rid of, it's also an eyesore in a lot of places. If we can find ways to reduce and reuse a lot of this material, that would be great." He said he hopes both events, the plastics forum and the farm and food producer potluck, will be enjoyable and informative.

WVII covers UMaine Career Fair

08 Feb 2018

[WVII](#) (Channel 7) reported on the University of Maine Career Center's annual UMaine Career Fair. Despite the snowy weather, more than 158 companies and organizations with job opportunities were on hand to talk with students, according to the report. Many of the employers also were looking for summer interns who could end up being hired as a full-time employees, WVII reported. David Spencer, who graduated from UMaine last year, attended the fair on behalf of Camden National Bank. "It's great to see all these kids looking for jobs in Maine, as well," Spencer said. "People think there's no jobs in Maine, but there are a lot of opportunities here, and it's great to see the kids show up."

MacKenzie aims to coordinate conservation efforts for Maine mountaintops

08 Feb 2018

Each childhood spring, Caitlin McDonough MacKenzie and her grandmother had a picnic on the day rhododendrons bloomed in her family's yard in Massachusetts. MacKenzie, now a postdoctoral David H. Smith Conservation Research Fellow at the University of Maine Climate Change Institute, continues to relish "botanizing," as she calls it. She is one

of five emerging scientific leaders awarded a prestigious 2017 Smith Fellowship — the conservation science program aimed at finding solutions to pressing conservation challenges by bridging the gap between theory and application. MacKenzie is addressing the threat that climate change poses to Maine mountain habitats — including the spectacular summits that attract tourists and hikers. Warming temperatures may cause the tree line to move upslope, says MacKenzie, eliminating habitat for alpine and subalpine vegetation communities that are at the southern edge of their respective ranges and are isolated by topography, ecology and management. These “islands of habitat above tree line” are scattered across mountains owned and managed by federal and state agencies and nongovernmental organizations, each of which has varying conservation mandates and resources. Due to a dearth of scientific studies of New England’s alpine habitats, MacKenzie says there’s a gap in understanding about how plant communities above tree line will respond to human-caused climate change. So she’s exploring the hidden history of two of Maine’s iconic mountains — Sargent Mountain and Mount Katahdin — since the Laurentide Ice Sheet retreated around 17,000 years ago. Her project is titled “Conservation Challenges for Tundra Refugia under Climate Change: A Paleoecological Perspective on Subalpine and Alpine Vegetation in Maine.” In the fall, MacKenzie retrieved sediment cores from Sargent Mountain Pond. The small, shallow body of water near the top of Sargent Mountain (elevation 1,373 feet) in Acadia National Park may have been the first lake to form in the area now called Maine when the ice sheets receded. Sediment cores are ecological archives in that pollen and plant fragments preserved in the lake bed layers are records of vegetation changes over time. Thus, analysis of the cores — and the pollen in them — will shed light on changes in climate for thousands of years. In February, she’s slated to extract sediment cores at Chimney Pond in Baxter State Park. “This project will bring a much-needed long-term perspective to our understanding of alpine and subalpine vegetation in Maine, including how alpine and subalpine plants responded to past abrupt warming events,” she wrote in her proposal for the Smith Fellowship. In 2019, she plans to share her findings at the Northeast Alpine Stewardship Gathering, where she’ll seek to coordinate conservation efforts for Maine areas above tree line experiencing human-caused climate change. “Our mountaintops are well protected from an old-school perspective. National forests, national parks, Baxter State Park and other state entities own and manage Maine’s mountaintops,” says MacKenzie. “But, if the climate continues to warm, forests from lower elevations will migrate upslope and our unique, open alpine and subalpine habitats may disappear. We need everyone who works in these environments to come together and share research and resources as we manage these special places for future generations.” MacKenzie’s research, like that of the other fellows, is conducted in partnership with a major academic institution and an on-the-ground conservation organization. Her mentor is UMaine paleoecologist Jacquelyn Gill and her partner is Abe Miller-Rushing of the National Park Service. MacKenzie’s field sites are in Acadia National Park and Baxter State Park. She recently took part in a retreat in Washington, D.C. with the other fellows — whose research topics range from seed mix design for ecological restoration in the tallgrass prairie to freshwater floodplain restoration. While in the nation’s capital, she met with U.S. Sen. Angus King and had policy and media training. MacKenzie also recently led a group of Smith Fellows to draft a public comment in response to the National Park Service’s proposed targeted fee increase, then she penned an op-ed that ran in the Bangor Daily News encouraging others to do the same. She earned her bachelor’s in environmental science and public policy at Harvard University, her master’s in ecological planning at the University of Vermont and her doctorate in biology at Boston University. As a doctoral student at BU, MacKenzie sifted through historical ecology data — including herbarium specimens, field notebooks, photographs and old floras — of 19th-century botanists. And she learned about species loss and shifts in spring flowering and leaf out in northern New England plant communities. Her first experience above tree line was on a summer camp youth hike. MacKenzie marveled that she could be in a fascinating different world after just a two-hour drive and two-hour hike. She enjoyed the atmosphere so much that she later worked and lived as an Appalachian Mountain Club naturalist above tree line — where it’s too cold and windy for trees to grow. Her interest in botany and ecology blossomed during the annual picnics with her grandmother — the same grandmother who gave her an American Girl Doll named Samantha Parkington for her ninth or 10th birthday. Parkington — who came equipped with a wicker backpack, butterfly net, sketchbook, watercolor brush and tiny plant press — also came with a set of books detailing her upper-class Victorian-era life. One story was set at a remote New England summer retreat and that tiny piece of Parkington’s story introduced MacKenzie to natural history and botanizing. “With Samantha, I grew up to be what I was pretending to be,” says MacKenzie, who delivered a Piscataquis River TEDx talk about “botanizing” in September 2017. MacKenzie plans to continue the tradition of botanizing and picnics with her 2-year-old daughter Mara. “She’s already been a part of my dissertation fieldwork collecting phenology data in Acadia. I hiked with her in a baby backpack,” says MacKenzie, adding that Mara also loves the old Samantha Parkington doll and her botanizing accessories. Contact: Beth Staples, 207.581.3777

Küykendall’s UMaine Today magazine video wins CASE I Excellence Award

08 Feb 2018

The UMaine Today magazine video, “[Market Value](#),” focused on the statewide work of University of Maine Cooperative Extension food safety specialist Jason Bolton, received a Silver Excellence Award in Storytelling from the Council for the Advancement and Support of Education (CASE) District I, which represents the New England states, Quebec and the Atlantic provinces in Canada. “Market Value” was produced by Division of Marketing and Communications photographer Adam K ykendall and news writer Walter Beckwith. The video, shot and edited by K ykendall, accompanied the [magazine story](#) by Beckwith in the 2017 [spring/summer edition](#) of UMaine Today. Last year, K ykendall’s photographs won a CASE District I Silver Excellence Award. K ykendall joined the division in 2012 and is a graduate student in UMaine’s Intermedia MFA Program.

Michaela Murray: finding academic path on road to sustainability

09 Feb 2018

University of Maine student Michaela Murray, who is pursuing a bachelor’s degree in ecology and environmental sciences, found her research passion in the form of sustainable food systems. Murray, who is an Honors College student with a minor in economics, learned about the [Farm to Institution Food Project](#) (F2I), a pilot program the Honors College was starting with funding from the Senator George J. Mitchell Center for Sustainability Solutions. However, it wasn’t until another undergraduate research opportunity came up in the School of Economics — the [Sustainable Ecological Aquaculture Network](#) (SEANET) — that everything fell into place. “I didn’t know this was a research interest of mine until I started doing both these projects dealing with sustainable food systems,” Murray says. “I’ve grown to really care about this topic and I hope to stick with it.” Murray arrived at UMaine with a focus on nutrition, but she soon switched to ecology and environmental sciences. “I knew it was what I wanted to focus on because a lot of the course work I was doing and people I was talking to centered around sustainability,” she says. “Once you start learning about all the various aspects of sustainability, it really starts clicking and you start to think, ‘This is it, this makes sense, this is what we all need to be working towards.’” She says she has found sustainable food issues to be particularly important and interesting to research because “food is such a large part of every culture and making food systems sustainable is imperative.” Her F2I work led to her participating in the Mitchell Center Sustainability Lightning Talks last November. Her talk, “Bringing Local Food to All: Challenges and Opportunities in Farm to Institution Initiatives,” outlined the common problems and advantages of F2I practices that she identified from an extensive literature review of more than 40 peer-reviewed journals and data sources. The full profile on Murray and her research is available on the Mitchell Center’s [website](#). Contact: David Sims, 581.3244

CEAC accepting nominations for 2018 Classified Employees Recognition Award

09 Feb 2018

The University of Maine’s Classified Employees Advisory Council (CEAC) seeks nominations for the 2018 Classified Employees Recognition Award. The award recognizes classified employees’ exceptional service and dedication to UMaine, increasing the campus community’s awareness of the indispensable contributions that represented and nonrepresented classified employees make to the quality, diversity and overall mission of the university. After reviewing the nominations, CEAC’s Outstanding Classified Employee Selection Committee will notify one winner. The finalist will be presented with an award and a cash stipend of \$1,000 at UMaine’s Employee Recognition and Awards Ceremony, scheduled for April 2. Award criteria and the nomination form are [online](#). The deadline for applications is March 2.

Nominations sought for 2018 Outstanding Professional Employee Award

09 Feb 2018

The University of Maine’s Professional Employees Advisory Council (PEAC) seeks nominations for the 2018 Outstanding Professional Employees Award. The award honors a professional employee whose actions and achievements beyond normal work responsibilities have provided outstanding service to their field, the University of

Maine, and the community as a whole. In recognition of this employee's accomplishments and contributions, a cash stipend of \$1,000 is presented to the award recipient. Award criteria and the nomination form are [online](#). One professional employee will be selected by the Professional Employees Advisory Council to receive the award, which will be presented at the annual Employee Recognition and Awards Ceremony, scheduled for April 2. Nomination forms and the required letters of recommendation should be mailed to PEAC, Outstanding Professional Employee Award Subcommittee, c/o Michael Swartz, subcommittee chair, 101F Service Building; or emailed to michael.swartz@maine.edu. The deadline for submission is 4 p.m. Feb. 28.

Gizmodo quotes Gill in article on new NSF sexual harassment reporting policy

09 Feb 2018

Jacquelyn Gill, an assistant professor of terrestrial paleoecology at the University of Maine, was quoted in a [Gizmodo](#) article, "Scientists react to new ruling requiring NSF-funded institutions to report sexual harassment." The National Science Foundation will require the institutions it funds to report findings of sexual or any other kind of harassment involving a principal investigator, according to a notice passed to presidents of NSF grantee organizations. Gill told Gizmodo the NSF ruling was important for moving the needle when it comes to handling these issues. "It's been too easy to dismiss these incidents as isolated or all in women's heads. To have big sweeping policies at the most respected institutions really legitimizes what we've been saying for a long time," she said. Ultimately, fighting sexual harassment and inequality in science is about changing a culture, and it takes more than just one policy to do it, Gizmodo reported. "The NSF isn't in a position to solve all the infrastructure problems," Gill said. "Universities need to have clearer reporting mechanisms, science societies need to have effective policies at conferences for behavior. Individual scientists need to step up and make sure they have conversations with their trainees and create climates in their labs that are safe and welcoming for everyone."

Doctoral student named Visiting History Scholar, Mount Desert Islander reports

09 Feb 2018

[Mount Desert Islander](#) reported Brittany Goetting, a University of Maine doctoral student and teaching assistant, is the Mount Desert Island Historical Society Visiting History Scholar for 2018. Each year, the society invites a student to conduct original research into the histories of MDI, according to the article. Goetting's research examines the evolution of Protestantism in Maine and Nova Scotia in the late 18th and early 19th centuries. She is particularly interested in the beliefs of Protestant laypeople and how their religious convictions manifested in their everyday political, economic and cultural realities, the article states.

Reason publishes commentary on politics, Olympics by Socolow

09 Feb 2018

[Reason](#) published the opinion piece, "The Olympics can't transcend politics. Just ask the Nazis," by Michael Socolow, an associate professor of communication and journalism at the University of Maine.

Island Ad-Vantages reports on Knauss Fellowship winners

09 Feb 2018

[Island Ad-Vantages](#) reported two scientists at the Maine Center for Coastal Fisheries have been awarded Dean John A. Knauss Marine Policy Fellowships, which send professionals to Washington, D.C. to work on marine policy for a year. The fellowship is "one of the nation's most prestigious marine policy fellowship programs," and is administered by the National Sea Grant College Program, according to the article. One of the scientists, Mattie Rodrigue, holds a master's degree in marine biology and marine policy from the University of Maine. Other recent UMaine graduates to receive the award are Skylar Bayer and Kevin Staples.

UMaine mentioned in Fox News report on anatomically inaccurate lobster emoji

09 Feb 2018

The University of Maine was mentioned in the [Fox News](#) report, “2018 emoji to include new food items, anatomically inaccurate lobster.” According to information from the Lobster Institute at UMaine, a lobster is known as a decapod, with “deca” being Greek for 10, because lobsters have 10 legs (five pairs). The new lobster emoji appears to only have eight legs, according to the report.

Koehler quoted in Biddeford-Saco-OOB Courier article on increase in stink bugs

09 Feb 2018

Glen Koehler, an associate scientist with the University of Maine Cooperative Extension, spoke with the [Biddeford-Saco-OOB Courier](#) for an article about an invasive species that now has a well-documented presence in southern Maine. The brown marmorated stink bug is native to East Asia and was first found in Pennsylvania in the mid- to late-1990s. While the stink bug is not harmful to pets or humans, it caused significant crop damage in mid-Atlantic states in 2005 and has spread throughout the U.S. ever since, according to the article. Koehler, who is studying integrated pest management, hopes to monitor the bugs this summer. He said the bugs’ appearance in Maine is not a serious concern right now, but it’s difficult to know for sure how much damage they could cause. “This is not a crisis situation,” he said. “It hasn’t created biblical havoc in the new states they’ve moved into, though it certainly can be a significant pest. We’ll have to wait and see.” If the stink bugs start to cause economic damage to crops in the state, Koehler suggested farmers use an insecticide spray or a less harmful and potentially more effective method of introducing a biological control to counteract the population growth.

2018 International Dance Festival Feb. 17

12 Feb 2018

The University of Maine will hold the 2018 International Dance Festival on Feb. 17 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 14th annual event will showcase traditional music, dance and clothes from around the world that is representative of the diverse student body at UMaine. The International Dance Festival 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](#), call 581.3437, or email James Higgins at james.higgins@maine.edu.

Bolton mentioned in Press Herald article on curing salts

12 Feb 2018

Jason Bolton, a food safety specialist at University of Maine Cooperative Extension, was mentioned in the [Portland Press Herald](#) article, “Burdensome rules prompt chefs to shun curing salts.” Three years after city health officials embargoed hundreds of pounds of cured meats at local restaurants until they could be deemed safe, Portland chefs have stopped using the curing salts that added color and flavor to meat but that the city considers a potential danger to the public, according to the article. Several restaurants had their cured meats embargoed during the crackdown. Once the meat was released back to the restaurants, the owner of Nosh Kitchen Bar had the restaurant’s brisket tested, and the results were sent to Bolton, who declared the meat was safe, the article states. However, if the restaurant wanted to continue curing meat in-house, the cooks would have had to submit a Hazard Analysis Critical Control Point (HACCP) plan outlining the process they use to cure the brisket. The owner decided the regulations were too much for a small restaurant to deal with, and now buys corned beef from a Massachusetts supplier, the Press Herald reported.

WABI covers dance marathon, fundraiser

12 Feb 2018

[WABI](#) (Channel 5) reported on the University of Maine's Black BearTHON, a 12-hour dance marathon and fundraiser, held in the Memorial Union. Since 2012, the annual event has raised more than \$320,000 to help area hospitals support local children. The funds support the Neonatal Intensive Care Unit (NICU) at Eastern Maine Medical Center in Bangor, an EMHS Foundation Children's Miracle Network Hospital. More than 600 participants raised funds this year. "All year, teams register, raise money from their friends and their family, and then this event tonight is a 12-hour dance marathon where the Miracle Children get to come in who have benefited from that money, and then they get to meet up with their team captain, and the teams can rally behind these children to celebrate the chances that they've been given, because of the money," said UMaine student Austin Steward, the event's dance relations chairman.

The Guardian quotes Steneck in article on boiling lobsters alive

12 Feb 2018

Robert Steneck, a professor of marine sciences at the University of Maine, spoke with [The Guardian](#) for the article, "Is it wrong to boil lobsters alive?" "I'm not convinced they feel pain," Steneck said. "There is no compelling case I've seen that suggests they feel pain. You don't really see this level of concern for people who eat oysters or clams — they're certainly every bit as alive." Steneck has been studying lobsters since 1983 in the waters around Maine, according to the article.

McGreavy speaks about bivalve harvesting on Maine Public's 'Maine Calling'

12 Feb 2018

Bridie McGreavy, an assistant professor of environmental communication at the University of Maine, was a recent guest on [Maine Public](#)'s "Maine Calling" radio show. The show focused on the important role that bivalves — mussels, clams and oysters — play in the state's economy. McGreavy also is a faculty fellow with the Senator George J. Mitchell Center for Sustainability Solutions.

Welcomer quoted in Press Herald article on retiring cheesemakers

12 Feb 2018

The [Portland Press Herald](#) interviewed Stephanie Welcomer, a professor of management at the University of Maine, for an article about the retirement of York Hill Farm's cheesemakers. John and Penny Duncan, makers of award-winning goat cheese, quietly retired in October after four decades in the business, according to the article. Welcomer, whose work focuses on the intersection of sustainable businesses, communities and environment, co-wrote an in-depth study of challenges and opportunities facing Maine's artisan cheesemakers. One of the recommendations of the report, which was published in Maine Policy Review last year, was that an emphasis on succession planning is needed since a number of other Maine cheesemakers will soon be reaching retirement age. "If they retire and their brand and know-how just kind of evaporates, it's a loss not just to their customers and their community but to the state," Welcomer said. Selling a business like York Hill Farm is more than just an economic exchange, the article states. "They really want to pass on their competencies and brands to someone that shares their values," Welcomer said.

Maine Bound offers adaptive climbing sessions, WABI reports

12 Feb 2018

[WABI](#) (Channel 5) reported the University of Maine in partnership with the Adaptive Outdoor Education Center's (AOEC) Horizons Alpine Climbing Program will offer adaptive climbing at the Maine Bound Adventure Center throughout the spring semester. The program is designed to provide assistance and accommodations for individuals with cognitive or physical differences and will include weekly adaptive climbing sessions, as well as other events. Dozens of people gathered at Maine Bound for its Adaptive Climbing Volunteer Training and Community Climbing Day, WABI reported. Enock Glidden, the adaptive climbing director at AOEC, said he couldn't imagine not sharing his experience with other climbers. "I was born with spina bifida, which makes me unable to walk, and throughout my life I've had other communities who've helped me along the way," Glidden said. "I've tried paragliding and I fly airplanes. I've been

able to experience a lot of things, and to be able to give that experience to other people is a pretty major thing to experience for me.”

BDN features grad student’s multisite installation that explores colorism

12 Feb 2018

The [Bangor Daily News](#) published a feature article on University of Maine graduate student Eleanor Kipping and her current multisite installation. Kipping, an intermedia MFA student, explores race and the experiences of women of color in her art, which takes many forms including photography, video and performance art, according to the article. Her campuswide art installation, “Brown Paper Bag Test,” is a cornerstone of this year’s UMaine’s Black History Month observance. Kipping sought out women of color who would be willing to be photographed and would write down stories about their personal experiences with colorism and racism. During the past year, Kipping shot and assembled the images, which showcase an array of women with different skin tones. She also recorded audio of their stories with her own voices, the article states. The audio track for each image is available [online](#).

2018 Maryann Hartman Award winners named

12 Feb 2018

The 2018 Maryann Hartman Awards recognizing the inspirational achievements of Maine women will be presented to author and chaplain Kate Braestrup of Lincolnville, community organizer and activist JoAnne Dauphinee of Bangor and state legislator Peggy Rotundo of Lewiston. The women will be honored in a ceremony at 6 p.m., March 28 at Buchanan Alumni House on campus. The event, which is free and open to the public, is sponsored by the Women’s, Gender, and Sexuality Studies program and the Rising Tide Center at the University of Maine. Braestrup is an acclaimed author and chaplain to the Maine Warden Service. A popular speaker nationwide and abroad, Braestrup has written about her experiences in life, loss and love. Dauphinee is a founding member of Maine National Organization for Women (NOW) and helped establish chapters in multiple communities statewide. She has served as a collaborative organizer, leader and activist on important public policy issues. Rotundo spent 16 years in the Maine legislature. She is a consensus-builder and strategist, and has served in public service roles in Lewiston and in the Harvard Center for Community Partnerships at Bates College. Maryann Hartman Awards recognize Maine women whose achievements in the arts, politics, business, education, health care and community service provide inspiration for women. The awards honor the legacy of the late associate professor of speech communication who was a distinguished educator, feminist, scholar and humanitarian. To attend the awards ceremony, RSVP by calling 207.581.1228 or email risingtide@maine.edu. Contact: Margaret Nagle, 207.581.3745

Registration open for 11th annual Healthy High road race

13 Feb 2018

The 11th annual Healthy High 5k/10k and 1-mile run/walk will be held at the University of Maine at 5 p.m. Friday, April 20. The race, which begins at UMaine’s New Balance Student Recreation Center and is presented by University Credit Union, promotes health and wellness for members of the university and surrounding community. Early registration fees for the 5k are \$10 for students, \$20 for nonstudents. Early fees for the 10k are \$15 for students, \$25 for nonstudents. Registration is available [online](#) or in the Student Wellness Resource Center, Room 235 in the Memorial Union, by noon April 19. Race-day registration fees for both the 5k and 10k races are \$20 for students, \$30 for nonstudents. The 1-mile run/walk is free and will begin at 5:15 p.m. Walkers are welcome for the 1-mile run and 5k. Proceeds benefit the Student Wellness Resource Center Wellness Coaching program and Black Bears for Recovery. In addition, donations of used footwear will be collected for Soles4Souls. All 5k and 10k participants will receive a finisher medal, and the first 800 registered runners in those races will receive a Healthy High T-shirt. Prizes will be awarded to the top male and female runners in each division for both the 5k and 10k. UMaine employees participating in the event will be eligible for completion of RiseUP Level 2. Volunteer opportunities are available throughout race day. Volunteers can sign up [online](#) or contact Rebecca Sprague at 581.1430, rebecca.kaiser@maine.edu for more information. For more about the race or to request a disability accommodation, visit the event [website](#), call the Student

Wellness Resource Center at 581.1423, or email Lauri Sidelko at sidelko@maine.edu.

Online graduate programs sought for new UMaineGOLD initiative

13 Feb 2018

The University of Maine, through a partnership between the Division of Lifelong Learning and the Graduate School, has created the framework for UMaine Graduate OnLine Degrees, or UMaineGOLD. The initiative, building on the university's nationally and internationally recognized graduate programs, will provide online graduate professional education that addresses the need for innovative, relevant and high-quality programming of global impact and local relevance, and is intended to prepare students for rewarding 21st-century careers. To be offered under the UMaineGOLD label, existing online graduate programs, as well as new ones to be developed, will need to adhere to high standards and best practices in online education, meet workforce needs, and prepare students for rewarding professional careers in emerging fields. UMaineGOLD is a revenue-sharing program. Programs that attain the UMaineGOLD label will become eligible to receive a portion of the tuition revenues. In addition, UMaineGOLD will award up to six grants to academic departments who develop new online professional degrees or certificates to be launched in 2019. The deadline for preproposal submissions for the first cohort of the UMaineGOLD program is March 2. More information about UMaineGOLD is [online](#).

DMC accepting applications for summer internships, media report

13 Feb 2018

[The Lincoln County News](#) and [Boothbay Register](#) published a University of Maine news release announcing the Darling Marine Center is accepting internship applications. Each summer, undergraduate students at the DMC in Walpole conduct basic and applied marine research in, on, under, and beside the waters of the Damariscotta River estuary and the Gulf of Maine, as well as in flowing seawater laboratories. In recent years, students have studied deep sea corals and lobsters, grown oysters and scallops, and monitored coastal waters and ecosystems in partnership with community collaborators. This summer's internships run for 10–14 weeks. Information about current positions is [online](#).

Caron quoted in Auburn Citizen article on downside of Valentine's Day

13 Feb 2018

Sandra Caron, a University of Maine professor of family relations and human sexuality, was quoted in an article about the downside of Valentine's Day that was published in [The Citizen](#) of Auburn, New York. Caron said with all the advertising that goes on this time of year, people forget how painful Valentine's Day can be for some. "It is particularly hard for people who broke up with someone and they're single, or they're thinking of someone they really do like and that person doesn't like them back," said Caron, who has studied the effects of the holiday on relationships. "We don't want to hear about the downside of romance. Romance is great, but it can fizzle when the downside comes," she said.

UMaine officer honored for act of courage, Press Herald reports

13 Feb 2018

The [Portland Press Herald](#) reported Sgt. Scott Curtis of the University of Maine Police Department was among the officers and civilians honored for acts of courage at the Maine Chiefs of Police Association's annual banquet. Curtis was recognized for persuading a female college student not to harm herself.

MaineToday reports on immigration debate documentary by UMM students

13 Feb 2018

[MaineToday Magazine](#) published an article about a film created by University of Maine at Machias students in interdisciplinary fine arts professor Alan Kryszak's Down East documentary class. The semester-long film project,

“Who Made You in America?,” focuses on the current state of the immigration debate in Maine and elsewhere, according to the article. Since a diversity of viewpoints was necessary, Kryszak said interviews were arranged with a variety of Mainers in the Machias area who were willing to talk to him and his student filmmakers. The main message that Kryszak and his students took away from the process of making the film — and the message he hopes viewers will take from it — is that you can’t take anyone’s opinions for granted, no matter what they look like, or where they’re from, the article states. [Machias Valley News Observer](#) advanced the film’s premiere at the UMaine Machias Performing Arts Center at 2 p.m. Feb. 18. The free public screening will be followed by a panel discussion led by Kryszak and featuring several students.

MDI Biological Lab, UMaine research focus of BDN health blog entry

13 Feb 2018

A new study conducted by researchers at MDI Biological Laboratory and the University of Maine was featured in the [Bangor Daily News](#) “Catching Health” blog. The research, led by MDI Biological Laboratory scientist Sandra Rieger, has demonstrated that the same enzyme connected to certain chemotherapy drugs also plays a role in peripheral neuropathy caused by diabetes. Chemotherapy is the second leading cause of peripheral neuropathy; diabetes is the first, according to the article. In previous research, Rieger identified two compounds that prevent and reverse peripheral neuropathy caused by exposure to Taxol, or paclitaxel, a common cancer chemotherapy agent. The study, which was published in the Journal of Diabetes and its Complications, showed that the drug candidate was not only effective in zebrafish, but also in mice, the article states. The mice research was conducted in collaboration with Kristy Townsend, an assistant professor of neurobiology at UMaine.

Maine Sea Grant awards funds to four new research projects

13 Feb 2018

The Maine Sea Grant College Program has awarded funds to faculty at the University of Maine and other research institutions statewide for four new projects representing nearly \$1 million in research investment from the National Oceanic and Atmospheric Administration and matching sources. Amanda Klemmer and Brian Olsen of UMaine’s School of Biology and Ecology will lead an investigation of the role of rockweed — and rockweed harvesting — in intertidal food webs. Beginning in February 2018, researchers will survey rockweed habitats along the Maine coast, collecting data on biomass, vegetative cover, invertebrates, birds and environmental conditions such as temperature and light. Working with harvesters, they will design experiments to evaluate changes in the rockweed beds before and after harvest. The researchers, who also include Aaron Strong of UMaine, Jessica Muhlin of Maine Maritime Academy and Hannah Webber of Schoodic Institute and UMaine, plan to engage stakeholders throughout the project, culminating in a 2020 symposium. Robert Steneck of UMaine’s School of Marine Sciences, and Douglas Rasher and Thew Suskiewicz of Bigelow Laboratory for Ocean Sciences, intend to identify how kelp forests are responding to changing environmental conditions by surveying underwater locations along the coast and comparing the data to their historical records from the 1970s to 2003. They will also examine how habitat complexity from seaweeds influences crab predation on sea urchins, potentially “locking” Maine’s coastline into a seaweed-dominated state and preventing the recovery of sea urchins. Additional research funds have been awarded to Michele LaVigne and David Carlon of Bowdoin College, who will lead a multidisciplinary team from several institutions, including Strong, Branwen Williams of Claremont Colleges and Alan Wanamaker of Iowa State University. They will evaluate acidity of Gulf of Maine waters using both current monitoring data and historical proxies of ocean chemistry. Lisa Kerr, Kathy Mills and Andrew Pershing of the Gulf of Maine Research Institute will apply Sea Grant funds to a synthesis of 20 years of data collected as part of the Maine-New Hampshire Inshore Trawl Survey. The goal of this research is to understand how climate change, fishing, and other environmental drivers are impacting key fish and invertebrate communities in coastal Maine waters. Investigators will present their projects at the [Maine Sea Grant Biennial Research Symposium](#) on April 20 at the University of Maine Buchanan Alumni House. For more information about the research, visit seagrant.umaine.edu/research. 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 coastal and Great Lakes states. Sea Grant has been supporting marine science for Maine people for more than forty years. Contact: Catherine Schmitt, 207. 581.1434

Department of Art accepting applications for after-school program

14 Feb 2018

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 session 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 artistic works. The spring ArtWorks! session will run five consecutive weeks with classes held 3:30–5 p.m. Fridays in Lord Hall on the UMaine campus. Classes begin March 30 and continue through April 27. 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, professor of art. Participants will have the opportunity to work with diverse media as they explore how experiences with art help encourage creative expression, manipulative skills, and ways of seeing and understanding the visual world. 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 by March 2. For more information or an application, call 581.3245 or email hicks@maine.edu. Lord Hall is wheelchair accessible.

Call for 2018 Steve Gould Award nominations

14 Feb 2018

Nominations currently are being accepted for the 2018 Steve Gould Award. The award was created in 1981 by the family and friends of Steve Gould in memory of “a man of honest and passionate concern for others.” The award is given to those who have demonstrated superior qualities of unselfishness and compassion in the course of service to the university and its ideals. Students, staff, faculty members and organizations serving the University of Maine are eligible. Those involved in acts of heroism also may be nominated. The winner(s) will receive campuswide recognition as well as a monetary prize. Nomination forms are available by contacting Amber Thompson in the President's Office at 207.581.1516; amber.thompson1@maine.edu. The deadline for nominations is 4:30 p.m. March 2.

Palmer quoted in Governing article on upcoming gubernatorial elections

14 Feb 2018

Kenneth Palmer, a professor emeritus of political science at the University of Maine, was quoted in the [Governing](#) article, “How might a 2018 Democratic wave affect governor's races?” *Governing* analyzed the connection between state elections and the three most recent wave elections: 2006, which benefited the Democrats, and 2010 and 2014, which benefited the Republicans. In each of the three cycles, the organization found between six and 10 seats at the state level that may have been influenced by the wave. One of those states was Maine, where Republican Paul LePage won in 2010 and 2014. In both cases, he was aided by the presence of a third-party candidate, but his aggressively conservative message jibed with the Republican mood both years, the article states. “He ran as a conservative in a state of fairly liberal politics, and he explicitly ran against the state legislature — long held by Democrats — and some of their policies,” Palmer said.

Caron's sexuality survey cited in The Guardian

14 Feb 2018

[The Guardian](#) cited research by Sandra Caron, a University of Maine professor of family relations and human sexuality, in an article about navigating consent and romance in today's world. A survey Caron has been administering to students for a quarter of a century suggests that the number of sexual partners students have has remained steady over the years, according to the article.

Socolow speaks about World Radio Day on Maine Public's 'Maine Calling'

14 Feb 2018

Michael Socolow, an associate professor of communication and journalism at the University of Maine, was a recent guest on [Maine Public](#)'s "Maine Calling" radio show. To mark UNESCO's World Radio Day, the show focused on the past, present and future of radio.

Gloucester Times cites collaborative research in article on next lobster assessment

14 Feb 2018

A recently published study by researchers from the Gulf of Maine Research Institute, University of Maine and National Ocean and Atmospheric Administration was cited in a [Gloucester Times](#) article about the start of another benchmark lobster study. In 2015, data collected in an assessment of New England lobster stocks showed record-high abundance for the combined stocks of the Gulf of Maine and Georges Bank and record lows in southern New England. The Atlantic States Marine Fisheries Commission is planning for the next American lobster benchmark assessment that is expected to be completed in 2020, according to the article. If recent projections hold, the 2020 assessment could sketch a different picture from the 2015 assessment, possibly reflecting the declining abundance predicted by the collaborative UMaine study which forecast a 30-year decline in the Gulf of Maine lobster boom that began around 2010, the article states. "In the Gulf of Maine, the lobster fishery is vulnerable to future temperature increases," the authors of the study wrote. "The researchers' population projections suggest that lobster productivity will decrease as temperatures continue to warm, but continued conservation efforts can mitigate the impacts of future warming." [Saving Seafood](#) and [Newburyport Daily News](#) also published the article.

Harpswell to vote on UMaine brown-tail moth study, Forecaster reports

14 Feb 2018

[The Forecaster](#) reported Harpswell voters will decide whether to allocate about \$9,500 for the University of Maine to conduct studies on brown-tail moths and ways to naturally reduce their population. The vote follows a Board of Selectmen workshop last November where Eleanor Groden, a professor of entomology at UMaine, discussed her work as director of the university's Browntail Moth Research Project. The program is conducted in collaboration with the Maine Forest Service, and aims to pinpoint the cause of the insect's spread throughout Maine and eco-friendly ways to squelch it, according to the article. Hairs from brown-tail moth caterpillars can cause allergic reactions in some people, ranging from rashes to serious respiratory problems, which has made their regional surge in recent years problematic. If the warrant article passes, Groden and her students will conduct a year of work in Harpswell, taking samples of moth nests, testing different eco-friendly pest control techniques, and composing a report to the town, the article states.

CLT research mentioned in reports on new tenant of Millinocket's former mill

14 Feb 2018

[Mainebiz](#) and [Maine Public](#) mentioned the University of Maine in reports of a new tenant at the site of Millinocket's shuttered paper mill. LignaCLT Maine LLC announced it is expecting to bring 100 jobs to the Katahdin region in the next five years. LignaCLT Maine will build a 300,000-square-foot manufacturing plant on the site now owned by Our Katahdin LLC, becoming the state's first cross-laminated timber manufacturer, Mainebiz reported. The North Carolina-based company and Our Katahdin were introduced by UMaine, which last fall got a \$455,532 grant to research the use of Maine-sourced timber for composites that are used in place of steel and concrete in construction, according to the article. UMaine's focus is to advance new forest products technologies and bring innovative mass timber manufacturing to Maine, the article states. According to Maine Public, some of the company's new employees could come from UMaine's Advanced Structures and Composites Center, where the benefits of wood laminate construction have been researched for years. One of LignaCLT Maine's founding partners told Maine Public the campuses at Husson University and UMaine offer tremendous opportunities for future cooperation.

Four finalists named for University of Maine presidency

15 Feb 2018

Four finalists have been named for the presidency of the University of Maine and will be in the state for campus visits between Feb. 20 and March 2. The finalists are: Amit Chakma, president and vice chancellor of the University of Western Ontario; Joan Ferrini-Mundy, chief operating officer of the National Science Foundation; Sally Reis, who holds the Letitia Neag Morgan Endowed Chair in Educational Psychology and is a Board of Trustees distinguished professor at the University of Connecticut; and Nancy Targett, provost of the University of New Hampshire. The four were selected from among 67 applicants in a national search that began early last fall. “I am pleased that we are able to announce such a strong field of finalists,” says Gregory Johnson, chair of the 18-member UMaine President Search Committee and a member of the University of Maine System Board of Trustees. “Each brings a wealth of professional experience, strong leadership skills, and the vision to successfully lead UMaine during this time of dynamic change in public higher education, workforce development and increasingly fierce enrollment competition.” Johnson says the search for the next UMaine president is important to every citizen of Maine, as well as students, faculty and staff. As Maine’s land grant and sea grant university, UMaine has a statewide mandate that reaches into all 16 counties. “It is the largest and only research university in the state,” Johnson says. “UMaine’s success is inextricably linked to the future economic success of the state and the well-being of all its citizens. UMaine plays a major role in educating the state’s future workforce, in developing its future leaders, and using its world-class faculty and very substantial research capacity to find innovative solutions to the state’s most vexing challenges.” Faculty, students, staff and community members are invited to attend open sessions with the candidates and to submit feedback on their potential to serve as president. In addition to the open meetings, candidates will meet with the chancellor, Board of Trustees chair, UMaine President’s Cabinet, University of Maine System leadership staff, and representatives of the University of Maine Board of Visitors, UMaine Alumni Association and University of Maine Foundation. Each candidate also will visit the University of Maine at Machias and attend an open session, meet with the leadership team, and visit with the UMM Board of Visitors. Chancellor Jim Page is expected to make a recommendation to the Board of Trustees in March. “The search committee has been working toward this day for the past five months,” says Johnson. “It has been a distinct privilege to serve with them and bring the search to this exciting point. I am grateful for their selfless service on the committee. “We hope to see many people turn out to give us feedback about the candidates and to show them the great level of interest in the selection of our UMaine President,” Johnson says. Short biographies of the finalists and their campus visit dates follow. Additional information, itineraries and links to feedback surveys are on the presidential search website.

Amit Chakma Amit Chakma is currently president and vice chancellor at the University of Western Ontario in London, Ontario, a position he has held since 2009. He also is professor of chemical engineering at Western. He was previously academic vice president and provost at the University of Waterloo in Waterloo, Ontario, from 2001–09. Chakma earned a Ph.D. in chemical engineering from the University of British Columbia. **Chakma will be visiting UMaine March 1–2.**

Joan Ferrini-Mundy Joan Ferrini-Mundy is currently chief operating officer of the National Science Foundation (NSF). She has been at NSF since 2007, serving in the Directorate for Education and Human Resources in roles including assistant director from 2011 to January 2017. Prior to her work at NSF, Ferrini-Mundy held academic and leadership positions at Michigan State University and the University of New Hampshire. She earned a Ph.D. in mathematics education from the University of New Hampshire. **Ferrini-Mundy will be visiting UMaine Feb. 26–27**

Sally Reis Sally Reis served as vice provost for academic affairs at the University of Connecticut from 2011–17. She holds the Letitia Neag Morgan Endowed Chair in Educational Psychology and is a Board of Trustees distinguished professor at the University of Connecticut. She was department head of the educational psychology program from 2000–06. Reis holds a Ph.D. in educational psychology from the University of Connecticut. **Reis will be visiting UMaine Feb. 22–23**

Nancy Targett Nancy Targett is provost of the University of New Hampshire, where she has served since 2016. She previously served at the University of Delaware from 1984–2016, including roles as acting president; dean of the College of Earth, Ocean and Environment; director of the Sea Grant College Program; associate dean, program director of marine biology-biochemistry; and faculty member. Targett holds a Ph.D. in oceanography from the University of Maine. **Targett will be visiting UMaine Feb. 20–21** Contact: Margaret Nagle, 207.581.3745

Special education master’s program ranked among top online graduate programs

15 Feb 2018

The University of Maine recently ranked among the best schools for online master’s degrees in special education by the publication Top Master’s in Education. UMaine offers a 36-credit Master of Education (M.Ed.) program in special

education with concentrations in early intervention, high-incidence or low-incidence disabilities, as well as individually designed programs, all of which are completed entirely online. The master's program leads to state certification by the Maine Department of Education in the student's area of concentration. "Our program continues to reach new heights of excellence in teaching, research and outreach, and we're delighted with our national ranking," said Deborah Rooks-Ellis, special education program coordinator. "This certainly is a reflection of our outstanding faculty, students and graduates, and our continued emphasis on practice-oriented research informed by the realities of schools." Top Master's in Education said UMaine's program stands out for its rolling admission and low cost per credit hour, making it "optimal for busy professionals seeking high-caliber instruction." The site ranked UMaine's program 39th on its list of top 50 [online](#) special education programs. Top Master's in Education is an online guide to education-related master's degrees, aimed at helping current and future teachers, principals and other education professionals advance their careers. Its rankings are based on information provided by schools as well as data collected from the National Center for Education Statistics, U.S. News & World Report, and other sources.

Distinguished Maine Policy Fellow Rep. Erin Herbig to visit UMaine

15 Feb 2018

Margaret Chase Smith Distinguished Maine Policy Fellow Rep. Erin Herbig will visit the University of Maine on Feb. 21. Herbig will be honored with a reception from 4–5 p.m. at the University Club in Fogler Library. All are welcome to attend the event. Herbig is serving her fourth term in the Maine House of Representatives. She represents House District 97 which includes Belfast, Northport and Waldo. As House majority leader, Herbig guides the 77-member House Democratic caucus through the legislative session and serves as a leading voice in policy negotiations. Herbig was first elected in 2010 and served for four years as the House chair of the Legislature's Labor, Commerce, Research and Economic Development Committee. She currently serves as chair of the Aging Caucus and the Legislative Council's State House Facilities Committee. 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. Herbig's visit is co-sponsored by the Margaret Chase Smith Policy Center and School of Forest Resources.

Seacoast Online reports on return of Camp North Woods

15 Feb 2018

[Seacoast Online](#) reported the University of Maine 4-H Camp and Learning Center at Bryant Pond will once again host Camp North Woods this summer. Camp staff and instructors will include Maine game wardens, biologists and recreational safety coordinators, according to the article. A co-ed overnight camp for children ages 9–11 will be held July 15–20, and a co-ed overnight camp for children ages 11–13 is planned for July 29–Aug. 3. Each week will accommodate 100 campers and provide hands-on learning opportunities in outdoor-related activities in a safe and comfortable environment, the article states. Because space is limited, a chance lottery will be held April 11. [Sun Journal](#) also reported on the camp and lottery.

Daily Mail cites UMaine dog research in article on domesticating animals

15 Feb 2018

A study published by University of Maine researchers in 2011 was cited in a [Daily Mail](#) article related to the history of rabbit domestication. Experts at Oxford University used DNA to explore the origins of the domestic rabbit, and they found it impossible to pin down domestication to a single date or event, according to the article. Instead, the creation of tame bunnies appeared to be a cumulative effect stretching back to Roman times and possibly the Stone Age, the article states. In a related story, "When did people start keeping animals as pets?," the Daily Mail cited the UMaine study which found evidence that dogs were being bred, and eaten, by humans living in Texas about 9,400 years ago.

Maine Sea Grant awards nearly \$1M to research projects, Mainebiz reports

15 Feb 2018

[Mainebiz](#) published a University of Maine news release announcing the Maine Sea Grant College Program has awarded funds for four new projects, representing nearly \$1 million in research investment from the National Oceanic and Atmospheric Administration and matching sources. Grants were awarded to faculty at the University of Maine and other research institutions statewide. Research recipients are Amanda Klemmer and Brian Olsen of UMaine's School of Biology and Ecology, who will lead an investigation of the role of rockweed in intertidal food webs; Robert Steneck of UMaine's School of Marine Sciences, and Douglas Rasher and Thew Suskiewicz of Bigelow Laboratory for Ocean Sciences, who intend to identify how kelp forests are responding to changing environmental conditions; Michele LaVigne and David Carlon of Bowdoin College, who will lead a multidisciplinary team on a project evaluating acidity of Gulf of Maine waters; and Lisa Kerr, Kathy Mills and Andrew Pershing of the Gulf of Maine Research Institute, who will apply funds to a synthesis of 20 years of data collected as part of the Maine-New Hampshire Inshore Trawl Survey. Investigators will present their projects at the Maine Sea Grant Biennial Research Symposium on April 20 at the University of Maine Buchanan Alumni House. The Associated Press also reported on the projects. The [Portland Press Herald](#), [WABI](#) (Channel 5), WRAL and [The Seattle Times](#) carried the AP report.

Kayla Greenawalt: Scholar-athlete makes case for protecting the environment

15 Feb 2018

Exploring national parks as a teen during a family cross-country trip made a lasting impression on Kayla Greenawalt. "It made me want to be around that environment and protect the environment," says the University of Maine ecology and environmental sciences major. Greenawalt, who returned from a research trip to the Falkland Islands with Ph.D. student Dulcinea Groff in late January, is doing just that as an undergraduate researcher. On the Falkland Islands — a 4,700-square-mile archipelago off the coast of South America — she collected soil samples around tussac (tussock) grass. Groff examines sediment and peat cores that contain seabird guano to reconstruct how seabirds and tussac grass were impacted during abrupt climate events as long as 15,000 years ago. Understanding the past can inform and prepare people for future climate change, including extreme weather, says Greenawalt, whose concentration is sustainability, environmental policy, and natural resource management. Tussac grass grows in dense clumps, reaches nearly 7 feet in height and has long roots. It helps prevent erosion and is vital to many species on the islands, providing habitat and breeding ground for seabirds and seals, as well as food for sheep. About 3,400 people live on the Falkland Islands. Tourism provides a number of jobs, thanks to the penguins, seals and nearby whales. Sheep farming does too. In some areas, grazing sheep have decimated the towering tussac grass. In the absence of grass in some areas, Greenawalt says penguins nest by burrowing into the ground. [caption id="attachment_59256" align="aligncenter" width="600"]



Kayla Greenawalt in the

Falkland Islands.[/caption] Greenawalt and Groff often logged 16-hour days, one of which included a 14-mile round-trip hike to collect soil. The wind, sights and smells were breathtaking, Greenawalt says, adding the travel, and research and life experiences were well worth the financial output. “If I didn’t go, I knew I would regret it forever,” says the former Center for Undergraduate Research (CUGR) Fellow and a member of All Maine Women — a society of leaders, scholars and role models at UMaine. “The world is so big. And in the field, it was very eye-opening. Nothing ever goes as planned, and you roll with it. And it usually works out.” The fourth-year student, who also majors in business management and minors in legal studies, will return to campus for a fifth year. The Schuylkill Haven, Pennsylvania native fell in love with Orono at first sight during a high school visit in late November. “There was two feet of snow on the ground, I had talked to one person and I turned to my mother and asked, ‘When can I send in my deposit?’” Next year, she’s anticipating new college experiences and making the most of her final year of eligibility throwing javelin on the track and field team. In high school, Greenawalt played soccer and ran the 800-meter. And, at age 13, she hurled a softball a distance of 154 feet to win a national softball-throwing competition. Her first year at UMaine, she was doing well academically and had some free time, so she walked onto the track and field squad. “I told the coach, ‘I know I can throw a softball. And I’m willing to work.’ This past year, it [the javelin] began to click.” And then some; Greenawalt placed fifth with a throw of 36.05 meters at the 2017 America East Outdoor Championship. “I love doing track,” she says. “It’s opened me up; I used to be so quiet. Now I know so many people inside and outside athletics.” After commencement in 2019, Greenawalt plans to attend law school on the East Coast and pursue a career as a climate change lawyer. Contact: Beth Staples, 207.581.3777

Social media spotlight: Aliya Uteuova

14 Feb 2018

Hometown: Astana, Kazakhstan I’m a political science and journalism major. I’m the culture editor [at the Maine Campus]; being a journalist allows you to really get into a story, report on it, research it and when it’s time to move on, you can. The University of Maine has more than 500 international students on campus. It’s a really tight-knit community. People find similarities despite being from different countries. At UMaine, I am gaining so many skills and experiences and emotions that are vital to anyone to develop. See a post featuring Uteuova on UMaine’s [Facebook](#) page.

Dryer receives 2018 CCCC Technical Scientific and Communication Award

16 Feb 2018

Dylan Dryer, associate professor of composition studies, has received the 2018 CCCC Technical Scientific and Communication Award from the National Council of Teachers of English for his article, "Measuring Quality, Evaluating Curricular Change: A 7-Year Assessment of Undergraduate Business Student Writing." The article appeared in Volume 31 Issue 2 of the Journal of Business and Technical Communication and was co-authored with Scott Warnock, Nicholas Rouse, Christopher Finnin and Frank Linnehan. Dryer won for the Best Article on Pedagogy or Curriculum in Technical or Scientific Communication. The Conference on College Composition and Communication (CCCC) is a constituent organization within the National Council of Teachers of English. Dryer will be announced as a recipient of the Technical and Scientific Communication Award March 16 during the 2018 CCCC Annual Convention in Kansas City, Missouri.

Ireland's Magdalene Laundries focus of King Chair Lecture at UMaine

16 Feb 2018

Restorative justice for the survivors of Ireland's Magdalene Laundries will be the focus of a March 7 lecture by author James M. Smith at the University of Maine. His free public lecture, "Ireland's Magdalene Laundries, Academic Advocacy and Restorative Justice," at 7 p.m. in Minsky Recital Hall is part of the Stephen E. King Chair Lecture Series, now in its inaugural year. To request a disability accommodation, call 581.1226. More information about the King Chair Lecture Series is [online](#). Smith, an associate professor in the English Department and Irish Studies Program at Boston College, is the author of the award-winning book, "Ireland's Magdalene Laundries and the Nation's Architecture of Containment." He is a member of Justice for Magdalenes Research, the advocacy group that brought these institutions to the attention of the United Nations Committee Against Torture in Geneva. The Magdalene Laundries operated by Catholic Church religious orders were workhouses in which many Irish women and girls were essentially imprisoned because they were perceived to be a threat to the moral fiber of society. Beginning in the 18th century, the state utilized these institutions until the last laundry closed in 1996. In 1993, the remains of 155 inmates found in unmarked graves on the property were exhumed, cremated and buried elsewhere in a mass grave. Smith's work with archival materials and survivors is, in Irish writer Colum McCann's words, a "brilliant, art-driven examination of a story, or history, that needs to be told over and over and over again, lest it be forgotten or allowed to seep into the ambient noise." Contact: Margaret Nagle, 207.581.3745

Scholarly communications conference supports UMaine faculty, grad students

16 Feb 2018

A group of 40 University of Maine faculty and graduate students gathered at Raymond H. Fogler Library over winter break to attend a half-day conference dedicated to discussing emerging trends in scholarly communications. ScholComm 2018 attendees participated in workshops that introduced them to new tools in academic publishing and advanced methods for tracking the effect of their publications. Organized by Fogler Library, ScholComm was developed in response to feedback from faculty and students. "After teaching several workshops on scholarly communication, it became clear that there was a need for, and interest in, further information, tools and discussion regarding the evolution of scholarly publishing," says Jen Bonnet, social sciences and humanities librarian at Fogler Library. ScholComm featured workshops on topics such as open-access publishing, alternative methods to track and convey scholarly impact and how to self-archive work in UMaine's institutional repository. "I attended ScholComm because I recognize the importance of reaching beyond the traditional academic audience to share the important work we're doing as scholars," says Susan Gardner, director of Women's, Gender, and Sexuality Studies and the Rising Tide Center at UMaine. "I learned so much about different ways to see one's impact and share one's work beyond a typical academic journal. It was an invaluable experience and I highly recommend it to others." The focus on evolving trends made ScholComm valuable for established scholars as well as graduate students who are relatively new to publishing. With the success of ScholComm, Bonnet sees a growing demand for education and discussion about topics in scholarly communication. She sees workshops, trainings and conferences like ScholComm as an opportunity to help scholars

expand the reach of their work.

UMaine Extension bulletin helps agricultural employers train new employees

16 Feb 2018

University of Maine Cooperative Extension has a new [publication](#) to help agricultural and farm employers train new employees. The bulletin, designed as a checklist, addresses topics such as effective training, communication strategies, and meeting state and federal requirements. “Orienting New Farm Employees in Maine” was developed by UMaine Extension sustainable agriculture professional Jason Lilley and UMaine Extension associate professor and child and family development specialist Leslie Forstadt. For more information, to order bulletins for \$1 each or to download a free copy, visit the [online](#) publications catalog or contact 581.3792; extension.orders@maine.edu.

Norway fishing derby proceeds to help send youth to 4-H camp, Sun Journal reports

16 Feb 2018

The [Sun Journal](#) reported the Norway-Paris Fish & Game Association will host its annual ice fishing derby on Saturday and Sunday, Feb. 24–25 in Norway. Fish caught in any area lakes and ponds may be entered into the derby. Derby tickets are \$1 and the purchase of a ticket will enter anglers in a raffle for prizes donated by area businesses, according to the article. Derby proceeds will go into the general fund and will be used to help send several local youth to the University of Maine 4-H Learning Center at Bryant Pond for a week in the summer, the article states.

VillageSoup advances Millay’s birthday celebration at Rockland museum

16 Feb 2018

[VillageSoup](#) reported the Farnsworth Art Museum in Rockland will celebrate Edna St. Vincent Millay’s 126th birthday with a poetry reading and reception at 2 p.m. Saturday, Feb. 24 in the downtown museum’s auditorium. “Millay Without Borders” will be presented in collaboration with the Millay House Rockland and the University of Maine’s Clement and Linda McGillicuddy Humanities Center. Admission is \$10, \$8 for Farnsworth members.

UMaine mentioned in Press Herald article on lobster industry

16 Feb 2018

The [University of Maine](#) was mentioned in a Portland Press Herald article about the popularity of live lobsters in Asia. Two-thirds of the live lobster sold overseas by the U.S. last year went to Asia, up 36 percent from the year before. The growth in the \$231.9 million Asian market is welcomed by the Maine lobster industry, which accounts for 83 percent of the U.S. haul, according to the article. Asian customers prefer lobsters that are larger than the ones that Maine used to sell to Europe, and those lobsters once bound for Europe aren’t hardy enough to survive the long trip to Asia, the article states. Recently, Ready Seafood Co. of Portland was notified it had received a \$2.25 million grant from the Maine Technology Asset Fund to help build a facility to research and test ways to improve the hardiness of lobsters for shipping. The company already was collaborating with UMaine to see if it can speed up the shell-hardening process of recently molted lobsters. The grant will help offset the \$6 million cost of the project, Press Herald reported.

Birkel cited in BDN article on flooded bear dens

16 Feb 2018

Sean Birkel, Maine’s state climatologist and a research assistant professor at the University of Maine’s Climate Change Institute, was mentioned in the [Bangor Daily News](#) article, “Bear expert: flooded dens a threat to bears, not people.” Heavy flooding from rain occurred earlier than usual this year, according to Jennifer Vashon, the biologist who oversees the state’s bear program within the Department of Inland Fisheries and Wildlife. But if early-winter flooding becomes the norm because of climate change, it’s bears that will have to adapt, not people, the article states. Climate change has

made January rains more common, a trend that is likely to continue, according to Birkel. But, Vashon said, that just means bears would gradually become more likely to establish their dens on higher ground. "Bears learn," she said.

Media report on finalists named for UMaine presidency

16 Feb 2018

The Associated Press, [Bangor Daily News](#), [Portland Press Herald](#), [WVII](#) (Channel 7) and [Mainebiz](#) reported on the four finalists that have been named for the University of Maine presidency. Each candidate will visit Maine in coming weeks, making stops at both UMaine in Orono and the University of Maine at Machias to meet with staff and faculty, the BDN reported. The finalists are Amit Chakma, president and vice chancellor of the University of Western Ontario; Joan Ferrini-Mundy, chief operating officer of the National Science Foundation; Sally Reis, who holds the Letitia Neag Morgan Endowed Chair in Educational Psychology and is a Board of Trustees distinguished professor at the University of Connecticut; and Nancy Targett, provost of the University of New Hampshire. [Maine Public](#), [U.S. News & World Report](#), [The Seattle Times](#) and [WABI](#) (Channel 5) carried the AP report. [Fosters.com](#) also reported on the search with a focus on Targett, and Canada's [Global News](#) published an article on Chakma.

UMaine AD named vice chancellor at the University of Denver

19 Feb 2018

University of Maine Director of Athletics Karlton Creech has been named vice chancellor for athletics, recreation and Ritchie Center Operations at the University of Denver, effective May 1. Creech has directed the UMaine Department of Athletics since 2014, and has also served as an adjunct lecturer and proponent of leadership studies at UMaine. An interim AD will be named and a national search will be launched to fill the position, according to University of Maine President Susan J. Hunter. "We understand that this is an opportunity for Karlton to take his talents to a new level of athletics leadership, and we wish him well," Hunter says. "The University of Maine takes seriously its role as the state's only Division I program, and its responsibilities to Black Bear fans near and far. We will build on the leadership and fundraising that have effectively advanced UMaine Athletics in the last four years, and will continue to dedicate ourselves to excellence in athletics leadership that will best serve Maine." "I'd like to thank the University of Maine for the incredible opportunity to serve as director of athletics," Creech says. "My years in Orono have been some of the most rewarding of my career and I look forward to following the continued success of the Black Bears." A news release from the University of Denver about the appointment is online.

Sarah Vogel: investigating human dimensions of dam relicensing

20 Feb 2018

University of Maine graduate student Sarah Vogel is investigating the dam relicensing process as it relates to federally regulated hydropower dams in Maine. Her work is part of the Senator George J. Mitchell Center for Sustainability Solutions' [Future of Dams](#) project. Vogel and other researchers will be striving to understand stakeholder actions and identify potential knowledge gaps in the process that can be used to inform decisions related to dams. Vogel's co-advisers represent the natural science and human dimension side of policy decision-making. "It's really interesting seeing how their different perspectives shape the work we're doing," says Vogel, a master's student in the Department of Wildlife, Fisheries, and Conservation Biology. Vogel has been focusing her initial efforts into a targeted content analysis of the Federal Energy Regulatory Commission's online library, a repository of all documents relating to U.S. energy projects. Vogel and her colleagues are using content analyses of FERC documents to provide insights into the factors affecting decision-making regarding fish passage and how those decisions play out among different groups. "We want to determine what state and federal agencies and tribal entities are interested in with respect to the relicensing process. What's important to them, what tools are at their disposal, and what gaps in their knowledge there might be that they'd like to see filled," Vogel says. Vogel will present "Fish Passage at Hydropower Dams on the Penobscot and Kennebec Rivers: A Content Analysis of the FERC eLibrary Database" at the 2018 Maine Sustainability and Water Conference on Thursday, March 29 at the Augusta Civic Center as part of the "[Rivers and Their Fish](#)" session. The full profile on Vogel and her research is on the Mitchell Center's [website](#). Contact: David Sims, 581.3244

‘Life of Ideas, Notions, and Concepts’ panel discussion Feb. 22

20 Feb 2018

“Life of Ideas, Notions, and Concepts,” the second in a series of panel discussions by University of Maine humanities professors will be held Feb. 22 in Hill Auditorium, Barrows Hall. The decline and renaissance of an idea says a lot about our society and values. Participants in “[Life of Ideas](#)” will critically think about this phenomenon by addressing the lifespan of an array of theoretical concepts from humanities disciplines. UMaine professors Michael Lang, Anne Knowles and Michael Howard will speak from 4 to 5:30 p.m. Lang, an associate professor of history, will discuss “Innumerable Times, All at One Time: A History of Ages and Epochs”; Knowles, a professor of history, will present “The Age of the Map: Finished? Or Just Getting Started?”; and Michael Howard, a professor of philosophy, will focus on “Basic Income: Periodic Companion of the Luddite Fallacy, or an Idea Whose Time has (Finally) Come?” The discussion will be moderated by Frédéric Rondeau, an assistant professor of French and assistant director of the Canadian-American Center. Rondeau created the series as part of the 2017–2018 symposium “Juvenescence/Obsolescence: Humanities Approaches to Aging Across the Ages.” The series consists of panel discussions by UMaine professors and lectures by visiting scholars. The first panel took place in November 2017. On March 6, Eric Mechoulam, a professor in the Department of French Literature at the Université de Montréal, will give a talk titled, “[On Friendship: A brief history of the concept from Aristotle to Facebook](#).” He will speak at 4 p.m. in the IMRC Center. On March 29, Enzo Traverso, the Susan and Barton Winokur Professor in the Humanities at Cornell University, will present “[Burdens of the Past The Age of Left-Wing Melancholia](#).” Traverso will speak at 4 p.m. in Barrows Hall. All events are free and open to the public. More information is [online](#).

Senior College announces spring session, Republican Journal reports

20 Feb 2018

[The Republican Journal](#) reported the spring curriculum for Senior College at Belfast 2018 includes a variety of classes in literature, history, language, gardening, technology, philosophy, art and science. Spring session begins March 22. Classes run for six consecutive Thursdays, ending April 26. All classes are offered at the University of Maine Hutchinson Center in Belfast, according to the article.

UMaine Extension publication cited in Press Herald’s ‘Maine Gardener’ column

20 Feb 2018

A University of Maine Cooperative Extension publication was cited in the latest column in the [Portland Press Herald](#) “Maine Gardener” series. In the article, “Spring into action: A brief guide to starting your own seeds,” the author points to UMaine Extension’s [bulletin](#), “Starting seeds at home,” which includes a list of dates telling gardeners when to start planting indoors.

VillageSoup advances SPA production

20 Feb 2018

[VillageSoup](#) reported a cast of seven University of Maine students, including sophomore Curran Grant of South Thomaston, will bring the School of Performing Arts’ production of “Stupid F##king Bird,” Aaron Posner’s “sort of” adaptation of Chekhov’s “The Seagull,” to the stage beginning Friday, Feb. 23. The adaption follows the same general story as “The Seagull,” said Dan Bilodeau, chairman of UMaine’s Theatre and Dance Division, but is infused with fresh contemporary dialogue that makes it accessible to a modern audience and “busts classic theatrical conventions to smithereens.” Performances will be 7:30 p.m. Fridays and Saturdays and 2 p.m. Sundays through March 4; and 10 a.m. Thursday, March 1 in Hauck Auditorium. Tickets are \$12, free for UMaine students with a MaineCard.

Stancioff, Signs of Seasons cited in Press Herald article on observing climate changes

20 Feb 2018

Esperanza Stancioff, a University of Maine Cooperative Extension and Maine Sea Grant climate change educator, was mentioned in a [Portland Press Herald](#) column about data collected by naturalists and citizen scientists who witness climate changes. Stancioff said she sees a strong resurgence of citizen scientists involved in organized efforts, such as the program she helps coordinate, the University of Maine's Signs of the Seasons program. People attentive to changes in nature, Stancioff finds, often like recording observations they know will be useful to scientists and policymakers, the article states.

Creech to take University of Denver post, media report

20 Feb 2018

The Associated Press, [Bangor Daily News](#), [Portland Press Herald](#), WVII (Channel 7), [WABI](#) (Channel 5), [Sun Journal](#) and [WLBZ](#) (Channel 2) reported University of Maine Director of Athletics Karlton Creech has been named vice chancellor for athletics, recreation and Ritchie Center Operations at the University of Denver. Creech will take over May 1, overseeing 17 Division I teams and a recreation program that engages more than 60 percent of the student body, including intramural and club sports and the Coors Fitness Center, the AP reported. Creech has served as athletic director at UMaine since 2014. "I'd like to thank the University of Maine for the incredible opportunity to serve as director of athletics," Creech said in a press release. "My years in Orono have been some of the most rewarding of my career and I look forward to following the continued success of the Black Bears." Scott Atherley, who has been the women's soccer coach for 19 years after serving as the men's soccer coach for seven years, told the BDN that Creech has had a positive impact at UMaine. "Certainly, his leadership style was well-suited for the time and place he was at in his journey at UMaine," Atherley said. [The Washington Post](#), [Fox Sports](#) and [CBS4 Denver](#) carried the AP report.

Socolow quoted in Mainebiz article on Maine Public's future

20 Feb 2018

Michael Socolow, an associate professor of communication and journalism at the University of Maine, spoke with [Mainebiz](#) for a report about Maine Public's future. Mark Vogelzang, Maine Public's president and CEO, said the company's upcoming five-year strategic plan will continue to focus on content and technology. "Mainers recognize the value of public broadcasting perhaps to a larger extent than any other state in America," owing in part to being a large state with a small population, Socolow said. "At a time when the commercial industry faces serious challenges, Maine Public is providing a vital public service that's more important than ever," he added.

UMaine mentioned in media reports of CLT firm expanding to Maine

20 Feb 2018

The [Bangor Daily News](#), [WABI](#) (Channel 5) and [Woodworking Network](#) reported the nation's first manufacturer of cross-laminated timber plans to set up shop in Maine, with a goal of creating 100 jobs at a \$22 million mill. SmartLam, LLC of Montana still seeks a mill site, but has committed to building a factory in Maine within 18 months, the BDN reported. SmartLam is the second maker of CLT, a composite wood strong enough to replace steel and concrete in some types of high-rise buildings, to announce Maine expansion plans this week, the BDN article states. SmartLam president Casey Malmquist said the company has a four-year relationship with the University of Maine that will help it find new applications of CLT and develop a workforce capable of using it. "Their relationship with the University of Maine has been critical as part of their choice to select Maine for their next operation," Ashley Pringle, vice president of operations at Maine and Company, a nonprofit business development agency that worked with SmartLam, told WABI. [Maine Public](#) carried the BDN report. [WABI](#) (Channel 5) also spoke with UMaine program directors for a report about the CLT businesses coming to Maine. Stephen Shaler, director of UMaine's School of Forest Resources, said the businesses will help create jobs as well as value-added products. Russell Edgar, a senior laboratory operations manager and wood composites manager at UMaine's Advanced Structures and Composites Center, said UMaine will support both companies. The [Portland Press Herald](#) also mentioned the UMaine Composites Center in an editorial about the firms

expanding to Maine.

Black Bears to celebrate girls, women in sports Feb. 25

21 Feb 2018

National Girls and Women in Sports Day was Feb. 7 and throughout the month, the University of Maine has celebrated athletic achievements of women and girls. On Sunday, Feb. 25, the Black Bears will host a National Girls and Women in Sports Day Celebration at the Cross Insurance Center before the women's basketball game with the University of Albany. Those with game tickets are invited to have their photograph taken with Black Bear squads 11–11:45 a.m. then take part in an interactive sports fair. At 1 p.m., the Black Bears tip off with the Great Danes. The contest — the annual Play4Kay Pink Game — is a fundraiser to support the Kay Yow Cancer Fund. For more information, email Richard Barron at richard.barron@maine.edu.

UMM receives \$200,000 grant to support student success

21 Feb 2018

The University of Maine at Machias has received a \$200,000 Davis Educational Foundation grant to improve student retention and academic performance. The funds will be used to expand the Supplemental Instruction (SI) program, which has been offered at the university in STEM subjects since 2015. The grant will allow the program to include courses in all disciplines, according to a UMM news release. SI is an academic support model developed in 1973 by the University of Missouri-Kansas City and now used around the world. It features voluntary participation in weekly, peer-facilitated learning sessions targeting difficult courses. Students hired as SI leaders are embedded in courses and lead study groups outside of class after receiving training in facilitation and study skills, the release states. “On average, students who attend at least six SI sessions in a semester earn anywhere from a half-letter grade to a full-letter grade higher than students who do not,” says William Otto, chair of UMM’s Environmental and Biological Sciences Division. “The program has increased student success rates from 50 percent to 74 percent.” The full news release is on the UMM [website](#).

UMaine named one of safest college campuses in America

21 Feb 2018

The University of Maine has been named one of the safest college campuses in the country, according to the National Council for Home Safety and Security. UMaine ranked 29 in the council’s 2018 ranking of the top 100 Safest College Campuses in America. The ranking was created using the most recent data from the FBI’s Uniform Crime Reporting and the Campus Safety Security Survey put out by the U.S. Department of Education. The highest ranked university campuses boast low total campus and local area crime, according to the council. The National Council for Home Safety and Security is a trade association comprised of home security professionals across the United States. The council advocates for safe communities and home safety with a strong focus on community involvement. The full 2018 Safest College Campuses in America list is [online](#).

Beekeeping courses to be offered in York County, Seacoast Online reports

21 Feb 2018

[Seacoast Online](#) reported registration is open for intermediate-level beekeeping courses to be offered by the University of Maine Cooperative Extension in York County this spring. For those with at least one year of beekeeping experience, four short courses will be offered, each consisting of two evening sessions that are focused on different topics, according to the article. Cost for each short course is \$35 per person. A full overview and registration is [online](#).

VillageSoup advances ‘Gardening for Biodiversity’ talk in Camden

21 Feb 2018

[VillageSoup](#) reported “Gardening for Biodiversity” will be the topic of the final presentation of the Camden Garden Club’s 2018 Winter Horticulture Series at 10 a.m. Feb. 27. The talk is free and open to the public at Camden Public Library. Marjorie Peronto and Reeser Manley will discuss the importance of planting for biodiversity and introduce their book, “The Life in Your Garden: Gardening for Biodiversity.” Peronto is a professor with the University of Maine Cooperative Extension and has been teaching courses in fruit and vegetable gardening, ecological landscaping, and pruning for 26 years, according to the article. Manley has gardened in South Carolina, Washington state (while earning a Ph.D. in horticultural science), Massachusetts, and, for the last 15 years, in Maine, the article states.

Gill speaks about Darwin Day on Iowa Public Radio

21 Feb 2018

Jacquelyn Gill, an assistant professor of terrestrial paleoecology at the University of Maine, was a recent guest on [Iowa Public Radio](#)’s “Talk of Iowa.” Feb. 12 marked the 209th anniversary of the birth of Charles Darwin, the father of the theory of evolution. To celebrate his contributions to science and humanity, Darwin Day will be recognized in Iowa City Feb. 23–24 with a series of conversations about topics in science, education and climate change, according to the report. Four of the event’s featured speakers, including Gill, gave a preview of the upcoming celebration. The four experts emphasize the importance of education and scientific literacy in the face of climate change, particularly for young people, the report states. Gill, who studies climate-driven extinctions of the past, says a key element of scientific research should be accessibility. “I feel very strongly about what I call science for everyone,” she said. “That’s the idea that science should be done in the public interest, it should be accessible and easily communicated to every American, and also that the pathways to science should be available to anyone who wants to pursue them.” [Little Village](#) magazine also reported on Darwin Day.

Wheatland lab initiatives included in Mainebiz article on commercial drone use

21 Feb 2018

University of Maine initiatives were included in the [Mainebiz](#) article, “Commercial drone use is taking off, as more Maine companies use them on the job.” The Barbara Wheatland Geospatial Analysis Laboratory in UMaine’s School of Forest Resources is introducing drone technology to various industry professionals, according to the article. “We’ve worked with Verso at their Androscoggin mill, using imagery recorded with our UAV to produce 3-D models of chip and log stockpiles to quickly get estimates of volume, with little to no interruption of the mill’s operation,” said aerial survey pilot Dave Sandilands. Another project had a forestry undergraduate working with Seven Islands Land Co. on forest stand reconnaissance to see if that work could be done more efficiently, comprehensively and safely versus walk-throughs. The lab deployed a UAV from the roadside, flew it over the stand, and could judge factors like terrain, proximity to wetlands and harvest operations, the article states. Other projects will use the lab’s UAS-flown imagery and processing techniques to develop habitat maps for wildlife conservation. “We’re seeing a surge of interest in forestry and natural resources,” Sandilands said. “People are taking notice and saying UAVs will make things easier.”

Cohen Institute mentioned in News Center Maine report on campaign funds

21 Feb 2018

[News Center Maine](#) reported on three Maine politicians who used their remaining campaign funds to help young people in Maine. When senators and representatives step down from office, they often have accumulated campaign war chests in advance of the election year, according to the report. The report looked at the ways three Maine senators who stepped down from office over the past 24 years — former Sens. George Mitchell, William Cohen and Olympia Snowe — used their remaining campaign funds. According to former staff members, Sen. Cohen gave money to a variety of Maine charities, including hospice, animal shelters and the Bangor Public Library. One of the biggest donations helped create the Cohen Center, now the Cohen Institute for Leadership at the University of Maine. The institute includes the archive of the Cohen Papers from his 24 years in Congress and conducts a variety of courses and programs to help students learn about leadership in government, business and world affairs, the report states.

Bicycle law enforcement reference guide available

22 Feb 2018

The University of Maine Police Department's latest [online resource](#) for the UMaine community is the [Bicycle Law Enforcement Reference Guide](#). It was developed by the Bicycle Coalition of Maine in cooperation with the Maine Bicycle and Pedestrian Safety Program, the Maine Department of Transportation, Bike Law ME and law enforcement professionals. The reference guide is designed to ensure safety for bicyclists, pedestrians and vehicle traffic. It highlights priority violations in an effort to educate the cycling public on laws that impact roadway safety for bicyclists and motorists.

MAIER recognized by American Council for Rural Special Education

22 Feb 2018

The [Maine Autism Institute for Education and Research](#) (MAIER) at the University of Maine has received a 2018 Exemplary Program Award in the Infant and Early Childhood Intervention category from the American Council on Rural Special Education (ACRES). The award recognizes MAIER's [Early Start Maine](#) program. Early Start Maine supports young children with autism, ages 12–36 months, and their families. MAIER works statewide with Maine Child Development Services and partner agencies to provide naturalistic developmental behavior intervention to families. [ACRES](#) is the only organization devoted entirely to special education issues that affect rural America. The membership is representative of special educators, general educators, service providers, administrators, trainers, researchers and parents interested in enhancing services to children and adults with exceptionalities who live in rural communities. The ACRES headquarters is based at the University of West Virginia.

Barron visits WABI to speak about celebrating girls, women in sports

22 Feb 2018

Richard Barron, head coach of the University of Maine women's basketball team, visited the studios of [WABI](#) (Channel 5) to speak about UMaine's upcoming celebration of females in sports. On Feb. 25, the Black Bears will host a National Girls and Women in Sports Day Celebration at the Cross Insurance Center before the women's basketball game with the University of Albany. Those with game tickets are invited to have their photograph taken with Black Bear squads 11–11:45 a.m. then take part in an interactive sports fair. At 1 p.m., the Black Bears tip off with the Great Danes. The contest — the annual Play4Kay Pink Game — is a fundraiser to support the Kay Yow Cancer Fund.

WABI advances wood skills competition

22 Feb 2018

[WABI](#) (Channel 5) reported men and women from colleges around New England will test their skills at the University of Maine on Feb. 24. The UMaine Woodsmen Team will host the meet beginning at 8 a.m. behind the Bryand Global Sciences Center. Events will include axe throwing, pole climbing and crosscut sawing, WABI reported. One men's team and one women's team will be crowned champions, according to the report.

Climate Reanalyzer featured in The Atlantic, Washington Post

22 Feb 2018

The University of Maine Climate Change Institute's Climate Reanalyzer was featured in articles on recent warm weather by [The Atlantic](#), [The Washington Post](#), [Radio Canada International](#) and Minnesota's [Star Tribune](#). According to the Climate Reanalyzer, the eastern half of North America is almost 10 degrees Celsius (or 18 degrees Fahrenheit) above normal, The Atlantic reported. The Washington Post article, "Arctic temperatures soar 45 degrees above normal, flooded by extremely mild air on all sides," featured a Climate Reanalyzer map.

WABI covers LePage's visit to UMaine

22 Feb 2018

[WABI](#) (Channel 5) reported on a visit to the University of Maine by Gov. Paul LePage. The talk, which focused on the future of government, was presented by the University of Maine College Republicans. The discussion was aimed at Maine's youth and how they can be the change in government policies, WABI reported. "I am really urging you to call your legislators, get involved, go to Augusta," LePage said. The governor also expressed his views on business, employment, student debt and the drinking age, the report states.

Bayer speaks about Switzerland lobster laws on WVOM

22 Feb 2018

Bob Bayer, executive director of the Lobster Institute at the University of Maine, was a recent guest on the George Hale/Ric Tyler Show on WVOM The Voice of Maine. Bayer spoke about lobster handling laws in Switzerland. Bayer said based on years of studying lobster biology and the nervous system, he doesn't think the crustaceans have the ability to process pain. [SWI](#) also cited the Lobster Institute in the article, "How to kill a lobster: humanely, say the Swiss."

Maine Public interviews Biddle about community outreach in rural schools

22 Feb 2018

Catharine Biddle, an assistant professor of educational leadership at the University of Maine, spoke with [Maine Public](#) for a report about a Medway Historical Society project that is connecting older residents with middle school students. Biddle, who studies rural education, said many schools haven't really been focused on community outreach. She said over the past few decades, many have largely prioritized student achievement to comply with federal policies. "Then the only interaction between the school and the older adult community becomes town meetings, where the budget is being discussed," Biddle said. "And that reinforces the notion that people aren't invested. But there's also very little outreach that's being offered." The [Bangor Daily News](#) also published the Maine Public report.

Machado speaks with BDN about helping farmers meet new federal safety rules

22 Feb 2018

Robson Machado, a food science specialist with University of Maine Cooperative Extension and professor in the School of Food and Agriculture, was interviewed by the [Bangor Daily News](#) for the article, "Help available for farmers stressed about new federal safety rules." Maine farmers who are worried about meeting the mandates imposed by the federal Food Safety Modernization Act shouldn't panic, according to Machado. "There are ingenious, low-cost solutions for pretty much all of the requirements," he said. Machado and his UMaine Extension colleagues are offering low-cost training sessions to farmers who want to know how the law will affect them, according to the article. There are going to be five such trainings offered in Maine this coming year, and Machado would love to see more farmers enroll, the article states. "I'm pretty sure there are farmers out there who don't even know they need to comply," he said.

2018 UMaine Student Symposium collecting submissions

22 Feb 2018

Abstract submissions for the 2018 University of Maine Student Symposium on April 17 are now being accepted. The UMaine Student Symposium, a campuswide celebration of achievement in student research and creative activity, will be held at the Cross Insurance Center in Bangor from 10 a.m.–5 p.m. The event, which is free and open to the public, is sponsored by UMaine's Graduate Student Government and the Center for Undergraduate Research (CUGR). Undergraduate and graduate students from all disciplines are encouraged to participate and share their research and creative activities through presentations, posters, performances, exhibits and roundtable discussions. Last year's symposium featured the work of more than 1,500 undergraduate and graduate students. Business Connect, a networking

event in collaboration with the Bangor Chamber of Commerce, will immediately follow the symposium from 5–7 p.m. at the Cross Insurance Center. The deadline for student abstract submissions is 4 p.m. March 9. For more information, free preregistration and abstract submission, visit the symposium website. This year, the symposium is part of Maine Impact Week, a series of campuswide events that showcase the depth and breadth of research and creativity at UMaine. More information about Maine Impact Week, including the Business Connect networking event, is online.

Socolow named 2018 Broadcast Historian for book ‘Six Minutes in Berlin’

23 Feb 2018

Michael Socolow, an associate professor of communication and journalism at the University of Maine, was named the 2018 Broadcast Historian by the Library of American Broadcasting Foundation for his book, “Six Minutes in Berlin.” The LABF supports a broadcast archive housed at the University of Maryland, College Park. Socolow plans to donate a copy of his book to the archives, according to a [news release](#) from the Broadcast Education Association, which administers [the award](#). In 2015, LABF and BEA partnered to establish the annual Broadcast Historian Award which is given to an educator who has published or produced work specifically related to broadcast history, the release states. Socolow will receive a \$5,000 check at the Broadcast Education Association’s annual convention April 8 in Las Vegas.

UMaine Extension publications offer advice for maple syrup season

23 Feb 2018

Maine Maple Sunday is not until March 25, but the sap is already flowing in some parts of the state according to Kathy Hopkins, a maple syrup expert with the University of Maine Cooperative Extension. A typical season for maple producers is a cold January and February, with trees being tapped in mid-to-late February or early March depending on where in the state a sugar bush is located, according to Hopkins. After tapping, the nighttime freezing and daytime thawing of the trees produces a sap flow that can be boiled down into maple syrup. Daytime temperatures from 40–45 degrees Fahrenheit and nighttime temperatures in the mid-20s produce the best syrup, she says. Recent favorable weather conditions have already allowed some Maine maple producers to begin making syrup, according to Hopkins, who says the state has about 450 licensed producers of maple syrup and syrup products. UMaine Extension offers several maple-related publications and videos through its [publications catalog](#), including:

- [How to Tap Maple Trees and Make Maple Syrup](#)
- [Maple Syrup Quality Control Manual](#)
- [Licensing and Regulations for Maple Syrup Processing in Maine](#)

Settele named UMaine interim athletics director

23 Feb 2018

Capt. James Settele, chief of staff to the president at the University of Maine, has been named UMaine’s interim director of athletics, effective March 12. Settele, a member of the UMaine community since 2006, replaces Karlton Creech, who has been named vice chancellor for athletics, recreation and Ritchie Center Operations at the University of Denver, effective May 1. Decisions on a national search for a permanent AD will be made by the next president of the University of Maine. “Jim brings a wealth of leadership experience, institutional knowledge and organizational skills to the interim AD position,” says UMaine President Susan J. Hunter. “He is well regarded across campus for his work in athletics and academics. He got his start at UMaine as the NROTC commander, has been a member of our faculty and administration, and worked closely with Karlton for the past four years. “I will miss him as chief of staff,” Hunter says, “but he will be 334 yards away in Memorial Gym and will continue as a member of the President’s Cabinet. As interim AD, he will continue to have an important role in our ongoing work to successfully transition to a new president at the University of Maine. And Black Bear Nation — our student-athletes, athletics staff, donors and fans — will be in good hands.” Settele retired from the U.S. Navy in 2009 at the rank of Captain after serving more than 27 years on active duty. He graduated from the U.S. Naval Academy in 1982 and became a naval flight officer. He served in four E-2

squadrons on the USS Midway, USS Carl Vinson, USS Enterprise and USS Harry S. Truman, and was commanding officer of the VAW-126 Seahawks. His career also included assignment to the U.S. Naval Central Command in Dhahran, Saudi Arabia, and the Bureau of Naval Personnel in Washington, D.C. From 2001–03, Settele was a military assistant to Secretary of Defense Donald Rumsfeld, and, in 2004, became director of operations, and policy and strategy for the combined staff of Naval Forces Europe and Sixth Fleet, based in Naples, Italy. In 2006, he came to Maine as commanding officer of the Naval ROTC unit at UMaine, Maine Maritime Academy and Husson University. After retiring from the Navy, he served as executive director of UMaine’s School of Policy and International Affairs (SPIA) prior to joining the President’s Office. He also is an associate graduate faculty member. Settele has been active in the UMaine community as a member of the UMaine Veterans Outreach Committee, faculty liaison to the football team, and faculty representative for the UMaine Student Veterans Association. In addition to his extensive military education, he has a master’s degree in information management systems from George Washington University. At the conclusion of his term as interim AD, Settele will return to his position as executive director of SPIA.

2018 Maine Government Summer Internship Program accepting applications

23 Feb 2018

The Margaret Chase Smith Policy Center at the University of Maine is accepting applications for the 2018 Maine Government Summer Internship Program. The 12-week program, which runs from May 29 through Aug. 17, provides full-time, paid, summer work experiences in town and city governments, as well as Maine state government agencies. Most internships are located in the Augusta area. A select number of internships will be available in other locations. 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. The program offers 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. Applicants must be a Maine resident or attending a Maine college or university, and must have completed two years of college before the start of the program. All majors may apply and positions are available in a variety of fields. Applications are [online](#). The deadline to apply is March 1. Municipal and state government requests for interns also can be submitted [online](#). More information about the program is available on the Margaret Chase Smith Policy Center [website](#) or by contacting Peggy McKee at 581.1644 or margaret.mckee@maine.edu.

Renowned ocean explorer Sylvia Earle to lecture at UMaine in April

23 Feb 2018

Renowned oceanographer and National Geographic Society Explorer-in-Residence Sylvia Earle will give a lecture, “Exploring the Ocean in the 21st Century,” 4:30–5:30 p.m. Monday, April 30 in the Collins Center for the Arts. Tickets will be available in March and a second announcement will be posted when they become available. Tickets are free, but will require reservation through the CCA box office. Earle’s lecture and related events on campus are co-sponsored by the School of Marine Sciences, Cultural Affairs/Distinguished Lecture Series, College of Engineering, Department of Communication and Journalism, Folklife Center, Graduate Student Government, Honors College, McGillicuddy Humanities Center, Maine EPSCoR, Maine Sea Grant, Maine Science Festival, Phi Beta Kappa, School of Earth and Climate Sciences, Sigma Xi, and Women in Science, Technology, Engineering, Mathematics and Medicine.

Honolulu Civil Beat cites UMaine study in report on savings plan help for small businesses

23 Feb 2018

A University of Maine study was mentioned in the [Honolulu Civil Beat](#) article, “Hawaii’s small businesses need savings plan help.” The UMaine study estimates that if lower-income retirees saved enough to increase their retirement income by \$1,000 a year, the state would save \$32.7 million on public assistance programs and Hawaii taxpayers would see a \$160 million reduction in state and federal spending over 15 years, according to the article. The savings would grow as people are able to save more money, the article states.

Socolow named 2018 Broadcast Historian, WVII reports

23 Feb 2018

WVII (Channel 7) reported Michael Socolow, an associate professor of communication and journalism at the University of Maine, was named the 2018 Broadcast Historian by the Library of American Broadcasting Foundation for his book, "Six Minutes in Berlin." Socolow will receive a \$5,000 check at the Broadcast Education Association's annual convention April 8 in Las Vegas. The award was mentioned at the close of the 10 p.m. newscast on Wednesday, Feb. 21.

UMaine mentioned in Mashable article on lobster emoji getting extra legs

23 Feb 2018

The University of Maine was mentioned in the [Mashable](#) report, "The lobster emoji is getting an extra pair of legs." In early February, Maine — famed for its lobsters — celebrated its victory in securing a lobster emoji, according to the article. However, when the official design was released, people pointed out that the lobster had the incorrect number of legs. According to information from the Lobster Institute at UMaine, American lobsters have four sets of "pereiopods," or "walking legs" in addition to its claws. The design has been updated, and a four-legged lobster will be hitting phones later this year, Mashable reported. [Geek.com](#) also mentioned the Lobster Institute in a report on the emoji.

Media quote Lapp in reports on first solar fuel reactor that can run at night

23 Feb 2018

[R&D Magazine](#), [Interesting Engineering](#), [AZoCleantech](#), [The Engineer](#), [CleanTechnica](#) and [New Atlas](#) quoted Justin Lapp, an assistant professor of mechanical engineering at the University of Maine, in reports about researchers developing the world's first solar fuel reactor that can function at night. A team of international solar thermal energy researchers has successfully tested a solar reactor that runs on air, dubbed CONTISOL, which makes solar fuels like hydrogen and can run round-the-clock because it uses concentrated solar power, including thermal energy storage, R&D reported. The work is published in Applied Thermal Engineering. "Solar reactors in the past have had the problem of what you do at night when you don't have sun, or even when clouds go by," the paper's lead author, Lapp, formerly of the German Aerospace Center (DLR), said in a statement. In a traditional solar reactor, when the temperature drops, the reaction needs be halted or the flow rate of the reactants slowed, reducing the amount of products that you get out, Lapp said. If the reactor shuts down at night, it cools off, not just wasting residual heat, but also starting over from nothing the next morning, R&D reported. "So the main idea of CONTISOL was to build two reactors together," Lapp said. "One where sunlight is directly doing chemical processing. The other side for storing energy. In the chemical channels, the high temperatures of the material drive the chemical reaction, and you get a change from reactants to products within those channels, and in the air channels cooler air goes in the front and hotter air comes out the back."

WVII interviews Hopkins about start of sap season

23 Feb 2018

Kathy Hopkins, a maple syrup expert with the University of Maine Cooperative Extension, spoke with [WVII](#) (Channel 7) for a report about the start of Maine's maple syrup season. The start of sap season relies heavily on the weather, WVII reported. Hopkins said the ideal sap conditions are "when the temperatures are warm during the day — around 40 or so — and drop below freezing at night."

Strout writes BDN op-ed on hiring more nurses

23 Feb 2018

Kelley Strout, an assistant professor of nursing at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled, "Want safer, healthier Maine schools? Hire more nurses."

WVH interviews Musavi about importance of STEM education

23 Feb 2018

Mohamad Musavi, a professor of electrical and computer engineering at the University of Maine and associate dean of the College of Engineering, spoke with [WVH](#) (Channel 7) for a report about the importance of STEM education for today's high school students. In 2014, Musavi started UMaine's Stormwater Management Research Team (SMART) program, which provides high school students with opportunities to be involved in engineering innovative solutions to stormwater problems. Musavi said he was interested in increasing the pathway to engineering education for high school students. Students in the SMART program engage in engineering design, data acquisition, analysis and visualization, chemistry, environmental science, biology, and information technology. Dedicated mentors support SMART students as they research water issues within their local watersheds, and connect students with professionals working in water and engineering in government, private firms and nonprofits. "We have tried to break this barrier by integrating and bringing some of the students in high school to the university environment and having them work with the professors," Musavi said.

Media report on 2017 drug overdose death statistics compiled by Sorg

23 Feb 2018

The Associated Press, [Portland Press Herald](#), [Penobscot Bay Pilot](#), [WABI](#) (Channel 5), [Bangor Daily News](#), [Maine Public](#) and [WVH](#) (Channel 7) reported Maine set another record for drug overdose deaths last year. The Office of the Maine Attorney General reported that 418 people died from drug overdoses in 2017. That's an 11 percent increase over the 376 overdose deaths in 2016, but the number has been climbing sharply for the past five years, the Press Herald reported. The new overdose report was compiled by Marcella Sorg, an anthropologist and research professor with the Margaret Chase Smith Policy Center at the University of Maine. Attorney General Janet Mills said this year's increase in deaths was driven by an increase of 27 percent in deaths due to illegal fentanyl and fentanyl analogues. Mills said 2017 also included an increase in deaths from cocaine and methamphetamine, according to the AP. [News Center Maine](#) carried the AP report.

New map honors indigenous place names in Canada

26 Feb 2018

To mark the 150th anniversary of the Confederation of Canada, the Canadian-American Center at the University of Maine has published a new map, "Coming Home to Indigenous Place Names in Canada." The map honors indigenous place names in Canada and the assertion of indigenous authority through place names. Commissioned by Stephen Hornsby, director of UMaine's Canadian-American Center, "Coming Home to Indigenous Place Names in Canada" was researched and designed by cartographer Margaret Pearce. The map depicts indigenous place names across Canada, shared by permission of First Nations, Métis and Inuit communities and people. "One of the aims of the map," Hornsby says, "is to represent Canada in a new way by highlighting the importance of indigenous names for understanding places and landscape features." As described in the map, indigenous place names "express territorial rights and describe the shapes and sounds of sovereign lands. They mark the locations of the gathering places, the communities, the places of danger and beauty, and the places where the treaties were signed." The map does not depict all of the indigenous place names in Canada, nor are all indigenous nations and communities represented. Beyond the map's names are thousands upon thousands more, "an ever growing and expanding atlas of intimate geographical knowledge and experience." To make the map, Pearce spent months researching names and calling communities and language keepers to ask permission to include their names. "The intention of the map is to create respect for indigenous homelands and sovereignties, and a feeling for and understanding of indigenous place names," Pearce said. "That includes asking permission and respecting intellectual and cultural property." The Canadian-American Center does not profit from the production and sale of the map. The public is invited to purchase a copy for the cost of printing and postage, or download a secure PDF through the center's [website](#). Contact: Stephen Hornsby, 207.581.4220

Fogler Library named Preservation Steward

26 Feb 2018

Raymond H. Fogler Library at the University of Maine has been selected as a Preservation Steward by the United States Government Publishing Office. In becoming a Preservation Steward, Fogler Library has made a commitment to retain a complete collection of the “Public Papers of the Presidents.” To become a Preservation Steward, libraries partner with the U.S. GPO in an agreement to retain and preserve specified resources. A federal publications depository since 1907, Fogler Library has been a regional depository since 1963 — one of only 50 libraries with this distinction. The U.S. GPO’s acknowledgment of the partnership is [online](#).

Seafood technology conference and annual meeting in Boston

26 Feb 2018

The inaugural Atlantic and Gulf Seafood Technology Conference (AGSTC) will be held 8 a.m.–4 p.m. March 10 at the Boston Convention and Exhibition Center. The conference and annual meeting prior to the Seafood Expo North America will focus on the seafood industry and key issues. Presentation topics include antibiotic resistance and food safety, reducing waste in fisheries, and industry regulations and trends. A poster session also is scheduled. University of Maine Cooperative Extension is collaborating on the conference and annual meeting. Jason Bolton, a UMaine food safety specialist, and Denise Skonberg, associate professor of food science, serve on the AGSTC executive board. According to its [website](#), the AGSTC intends to “establish and maintain the exchange of technical and scientific information on wild-caught fisheries and aquaculture in the region.” The \$100 registration fee includes breakfast, lunch and a membership in AGSTC. Register [online](#) by March 1. For more information or to request a disability accommodation, contact 942.7396, theresa.tilton@maine.edu.

March CCA performances to include Irish band Goitse, family fun with dinosaurs, Cirque Éloize

26 Feb 2018

The Collins Center for the Arts at the University of Maine is offering a variety of performances throughout the 2017–18 season. Beginning the March lineup will be a performance by Erth’s Dinosaur Zoo Live at 3 p.m. Sunday, March 4. It’s a chance to see and interact with dinosaurs and other creatures from prehistoric Australia through lifelike puppets accompanied by performers in an imaginative theatrical experience. Longtime friends Lyle Lovett and Shawn Colvin will host an acoustic evening of music at 7 p.m. Tuesday, March 6. The master performers and songwriters will share songs and stories. Folk music and circus stunts come together in Cirque Éloize’s “Saloon,” to be performed at 7 p.m. Sunday, March 11. The family-friendly Wild West story is told through musical theatre and feats of strength and agility. Award-winning Irish band Goitse will perform at 7 p.m. Wednesday, March 14. The quintet specializes in traditional Irish music. The Reduced Shakespeare Company will perform “The Bible (abridged)” at 8 p.m. Saturday, March 24. The humorous take on classic religion has universal appeal, answering fundamental questions in an original interpretation. For more details, a complete season schedule, and to purchase tickets, visit the CCA [website](#).

Bulletin helps train new agricultural employees, Morning Ag Clips reports

26 Feb 2018

[Morning Ag Clips](#) published a University of Maine Cooperative Extension news release about a new [publication](#) that aims to help agricultural and farm employers train new employees. The bulletin, designed as a checklist, addresses topics such as effective training, communication strategies, and meeting state and federal requirements. “Orienting New Farm Employees in Maine” was developed by UMaine Extension sustainable agriculture professional Jason Lilley and UMaine Extension associate professor and child and family development specialist Leslie Forstadt.

Maine Edge interviews Lyle Lovett, Shawn Colvin ahead of CCA concert

26 Feb 2018

[The Maine Edge](#) spoke with master performers and songwriters Lyle Lovett and Shawn Colvin ahead of their March 6 concert at Collins Center for the Arts at the University of Maine. The longtime friends will host an acoustic evening of songs and stories beginning at 7 p.m.

UMaine legacy collection featured in Campus Marketplace

26 Feb 2018

[Campus Marketplace](#), the official newsletter of the National Association of College Sports, reported on the roll out of the University of Maine's legacy collection. University Bookstore has been pushing to create a legacy logo for a couple of years, and this year's Winter Carnival proved to be the perfect opportunity to unveil merchandise bearing the vintage look, according to the article. "Winter Carnival has a lot of student engagement," said Dean Graham, assistant director of retail operations at University Bookstore. "There's just a lot of activity and it's in a month where there's not a lot of other stuff going on, so we felt it would be a good time. We thought it would create a lot of excitement." The legacy logo features a bear's head used by the university in the 1970s and '80s, according to the article. "The response has been very positive," said Val Ireland, manager of creative services in UMaine's Division of Marketing and Communications. "The bear's head we use now is much more in alignment with our current athletic logo, which is very stylized. The retro logo is not really cartoonish, but it's in that style. It just so happens that this particular logo was used about the time the parents of many of our current students were here in school and that definitely helped boost interest."

WABI covers timber sports competition

26 Feb 2018

[WABI](#) (Channel 5) reported on a timber sports competition hosted by the University of Maine Woodsmen Team. Men and women from colleges around New England came to UMaine to test their wood skills in events including axe throwing, pole climbing and crosscut sawing. "It's awesome to be outside," said Bree Jarvis, president of the UMaine Woodsmen Team. "It's fun to be active outside, and the community we have here in woodsmen is really great. Everybody from every team is really nice, and we have fun competing against each other." Jarvis said being on the team takes a lot of dedication because it's not a natural sport for people. "Some people might be good at kicking a ball when they first start playing soccer, and stuff like that. This is a pretty unnatural sport," she said. "It's really learning about technique and form, and how to better yourself every time."

Leahy writes op-ed on land access for Piscataquis Observer

26 Feb 2018

Jessica Leahy, a professor of human dimensions of natural resources at the University of Maine, wrote an opinion piece for [The Piscataquis Observer](#) titled, "Declining public access to private land is a key issue in 2018." Leahy also is a sportswoman, landowner in Sebec and member of the Department of Inland Fisheries and Wildlife's Landowners and Sportsmen Relations Advisory Board.

UMaine celebrates girls, women in sports, WABI reports

26 Feb 2018

[WABI](#) (Channel 5) reported on the University of Maine's celebration of females in sports. The Black Bears hosted a National Girls and Women in Sports Day Celebration at the Cross Insurance Center before the women's basketball game with the University of Albany. Attendees were invited to take pictures with the Black Bears and take part in an interactive sports fair. The goal of the day was to recognize female athletes and their influence in sport, WABI reported. "It's something that we hope resonates with everybody and that somebody that maybe hasn't found their niche finds it here today. And that they find something they know they can participate in and they look forward to and they have an avenue to pursue it after today," said Richard Barron, head coach of the UMaine women's basketball team.

Settele named UMaine interim athletics director, media report

26 Feb 2018

The [Bangor Daily News](#), [Portland Press Herald](#), [WABI](#) (Channel 5) and WVII (Channel 7) reported Capt. James Settele, chief of staff to the president at the University of Maine, has been named UMaine's interim director of athletics, effective March 12. Settele, a member of the UMaine community since 2006, replaces Karlton Creech, who has been named vice chancellor for athletics, recreation and Ritchie Center Operations at the University of Denver, effective May 1. Decisions on a national search for a permanent AD will be made by the next UMaine president. "Jim brings a wealth of leadership experience, institutional knowledge and organizational skills to the interim AD position," UMaine President Susan J. Hunter said. "He is well regarded across campus for his work in athletics and academics. He got his start at UMaine as the NROTC commander, has been a member of our faculty and administration, and worked closely with Karlton for the past four years." Settele, a former rugby player and wrestler, told the BDN he was happy to accept the job. "This is really an honor," he said. "It was unexpected. It's not something I thought my career would lead to."

AP reports on study that finds beech trees dominating as climate changes

26 Feb 2018

The Associated Press reported on recent research by a group of scientists that found beech trees are dominating the woodlands of the northeastern United States as the climate changes. The scientists said the move toward beech-heavy forests is associated with higher temperatures and precipitation. They said their 30-year study, published in the *Journal of Applied Ecology*, is one of the first to look at such broad changes over a long period in the northeastern U.S. and southeastern Canada. The changes could have major negative ramifications for forest ecosystems and industries that rely on them, said Aaron Weiskittel, a University of Maine associate professor of forest biometrics and modeling and one of the authors. Beech, often used for firewood, is of much less commercial value than some species of birch and maple trees that can be used to make furniture and flooring, according to the AP. "There's no easy answer to this one. It has a lot of people scratching their heads," Weiskittel said. "Future conditions seem to be favoring the beech, and managers are going to have to find a good solution to fix it." The [Portland Press Herald](#), [Bangor Daily News](#), [Concord Monitor](#), Maine Public, [WMUR Manchester](#), WTOP, [Valley News](#) and The Tribune of California carried the AP report. [Canadian Homesteading](#), [Science Examiner](#), Currency Observer and [Tech Times](#) also reported on the study.

Alliance for Maine's Marine Economy invests over \$14 million in infrastructure projects to increase jobs

26 Feb 2018

The Alliance for Maine's Marine Economy, a consortium of Maine-based marine businesses, research institutions and educational organizations, is investing in infrastructure and technologies with \$7 million in voter-approved bond funds, matched by more than \$7 million from Alliance members. Led by the University of Maine, the Alliance is dedicated to ensuring that Maine seafood, fishing and aquaculture industries, and the natural ecosystems on which they depend, are healthy and benefit Maine people. These strategic investments support and diversify traditional fisheries, aquaculture and other marine-dependent industries. "We are proud of our leadership role in this new alliance," says University of Maine President Susan J. Hunter. "UMaine is building on its statewide collaborations with all of the marine sectors. We look forward to further leveraging our research and development, multiplying our partnerships through the Alliance for Maine's Marine Economy, and continuing to train our students to enter this workforce." On behalf of the state of Maine, the Maine Technology Institute (MTI) manages the finances of the Marine Economy and Jobs Bond. In partnership with the Alliance, MTI has invested in seven capital projects and awarded eight competitive capital grants. Capital investments in public institutions and private businesses will benefit the entire marine sector by facilitating business development, accelerating product innovation, assessing and preventing risks to resource health, forecasting changes in product supply and improving the value of Maine's seafood resources. These investments include new processing capabilities at seafood businesses in York, Cumberland, Lincoln, Knox, Hancock and Washington counties, and new R&D and commercialization facilities in Lincoln, Penobscot and Washington counties. Maine's marine businesses will benefit from resources, technical assistance, information, educational opportunities, business training and capital that will allow them to grow and thrive in the face of ever-changing ocean ecosystem and globalized economy. "The

Alliance's capital investment enabled my business to develop and purchase lobster processing equipment to create innovative lobster products. This helped us establish relationships with new customers and expand markets, and allowed us to process more Maine lobster here in the state, with more Maine labor," says Luke Holden, owner of Luke's Lobster. The Alliance is a developing initiative focused on emerging opportunities and challenges related to a productive and profitable marine economy. In the long term, the Alliance is committed to stimulating Maine's marine economy at all levels. Alliance partners have identified projects and contracts aimed at attracting at least another \$50 million in additional private sector and federal grant dollars over the next 10 years. "Above and beyond these capital investments, the Alliance's diverse partners share resources and lessons learned, as well as work together to solve problems and identify new opportunities for the Alliance to contribute to a vibrant future for Maine's marine economy" says Keri Kaczor, the newly hired Alliance coordinator with Maine Sea Grant at the University of Maine. More information on the Alliance is available [online](#) or by contacting Alliance Coordinator Keri Kaczor, office: 207.832.0343; cell: 207.215.3511; keri.kaczor@maine.edu; 377 Manktown Road, Waldoboro, Maine 04572; or Alliance chair Heather Leslie, cell: 207.350.2713; heather.leslie@maine.edu; Darling Marine Center, 193 Clarks Cove Road, Walpole, Maine 04573. The public is also invited to attend the free seminar, Maine's Seafood Economy: Investments in the Future, featuring some of the Alliance's initiatives at the [Maine's Fishermen's Forum](#) on Saturday March 3 at 10:30 a.m. Contact: Keri Kaczor, 207.832.0343; 207.215.3511; keri.kaczor@maine.edu

Phillip and Noreen Silver to perform in Amsterdam

27 Feb 2018

University of Maine music professors Phillip and Noreen Silver will perform the works of James Simon (1880–1944) in a Uilenburg Concert, sponsored by the Leo Smit Foundation, March 12 in Theatre Splendor, Amsterdam. More information about the program is [online](#). Simon, a Berlin-born composer and pianist who fled to the Netherlands in 1933 and was murdered in Auschwitz, has been the subject of research by Phillip Silver. As a pianist, Phillip Silver, and Noreen Silver, a cellist, have performed works by Simon in concerts around the world. Recently, Phillip Silver discovered a sextet for wind instruments and piano, a work Simon composed in Berlin. In the March 12 concert the sextet will be performed for the first time in almost a century. The Silver Duo also will perform live on Dutch radio March 11 in a performance at Concertgebouw in Amsterdam. More information about the event is [online](#).

UMaine to celebrate Women's History Month with series of events

27 Feb 2018

The University of Maine will celebrate Women's History Month with a series of events throughout March. Scheduled events will include showings of films such as "Lady Bird" and "The Hunting Ground"; public talks by politicians and activists; a Stephen E. King Chair Lecture by Jim Smith on Ireland's Magdalene Laundries; a panel discussion on feminism; as well as trivia, crafting and a poetry reading. All events are free and open to the public. A complete schedule is [online](#).

Republican Journal advances info session on new graduate literacy cohort

27 Feb 2018

[The Republican Journal](#) reported the University of Maine Hutchinson Center in Belfast will hold an information session about a new cohort being formed for UMaine's fall 2018 graduate early literacy program. Susan Bennett-Armistead, an associate professor of literacy at UMaine, will provide information and answer questions 4:30–5:30 p.m. March 22, according to the article. The cohort is designed to further elementary and secondary teachers' knowledge of literacy theories, practices and research. UMaine's literacy education graduate program provides students with the opportunity to explore vital issues of literacy research and instruction with nationally recognized faculty, the article states.

DMC researchers attend national ocean sciences meeting, Wiscasset Newspaper reports

27 Feb 2018

[Wiscasset Newspaper](#) published a University of Maine Darling Marine Center news release about DMC scientists presenting research findings at the annual Ocean Science Meeting in Oregon. Maura Niemisto, a graduate student at the DMC working with research professor Rick Wahle, presented her research on the effects of ocean warming and acidification on the behavior, physiology and gene expression of larval lobsters. Her research quantifies how quickly larvae develop under different temperature and acidity regimes, and their coping mechanisms in response to these stressors. “Maura’s project compares the performance of lobster larvae originating from populations along New England’s steep thermal gradient, from the coastal ocean of Rhode Island to the Bay of Fundy,” Wahle said. “It addresses the impacts of climate change on Maine’s — and our nation’s — most valuable single fishery — the lobster.” Skylar Bayer spoke about developing an environmental DNA (e-DNA) procedure to detect scallop spawning events in seawater and the results of initial field trials. Bayer completed her Ph.D. research at the DMC in 2017 and is currently serving a one-year Knauss Fellowship in the Senate Environment and Public Works Committee in Washington, D.C.

Washington Post features Climate Reanalyzer in article on warm North Pole

27 Feb 2018

[The Washington Post](#) featured the University of Maine Climate Change Institute’s Climate Reanalyzer in the article “North Pole surges above freezing in the dead of winter, stunning scientists.” The sun won’t rise at the North Pole until March 20, and it’s normally close to the coldest time of year, but a possibly historic thaw swelled over the tip of the planet as a storm pumped heat through the Greenland Sea, according to the article. Temperatures may have soared as high as 35 degrees Fahrenheit at the pole, according to the U.S. Global Forecast System model. The article included two Climate Reanalyzer’s maps that showed a GFS model analysis of temperatures on Feb. 25 over the Arctic. [Toronto Star](#) published the Washington Post article. [The Atlantic](#), [The Conversation](#) and [Business Insider](#) also included a Climate Reanalyzer map in articles on warm weather in the Arctic and cold weather in Europe. [SFGate](#) carried the Business Insider report.

Study analyzes common misconceptions about depression among older adults

27 Feb 2018

Determining whether depression affects older adults differently than younger adults and if it calls for the same treatment was the focus of a recent study conducted by University of Maine researchers. Emily Haigh, an assistant professor of psychology at UMaine, led the study that analyzed five common misconceptions about depression in older adulthood that initially were evaluated 20 years ago by Dan Blazer, a professor of psychiatry and behavioral sciences at Duke University School of Medicine. In 1997, Blazer conducted a review of the existing literature to refute five common beliefs about depression later in life. Two decades later, Haigh and research colleagues reviewed selected articles to provide an update and identify research priorities. Results reveal that advances have been made toward the understanding of depression in older adulthood, but more research is needed, according to the team. The research spanning the past 20 years suggests depression in older adults is not more common than in younger counterparts and is not more often caused by psychological factors. The researchers found that major depressive disorder continues to be less common later in life, but has a higher rate of relapse than in younger adults. Moreover, older adults with subthreshold depression symptoms have levels of impairment in physical, social and role functioning similar to those with a major depressive disorder diagnosis. Overall, older adults respond to psychological interventions as well as younger adults, although evidence suggests antidepressants are less successful in late life. Older age is a favorable predictor of electroconvulsive therapy response, according to the researchers. While older adults may benefit from enhanced ability to regulate emotions, research suggests that several age-related biological processes contribute to major depressive disorder. Depression in late life may be symptomatically different than in earlier stages, but the researchers suggest further studies are needed to clarify the influences of aging and other medical conditions. Despite advances in the understanding and treatment of depression in older adults, it remains a serious public health issue associated with high levels of morbidity, mortality and health care costs. Older adults with depression are often underdiagnosed and undertreated, according to the researchers, who suggest prevention efforts should be supported as an alternative strategy for reducing depression in older adults. The results of the study, “Depression among older adults: A 20-year update on five common myths and misconceptions,” were published in the January 2018 edition of *The American Journal of Geriatric Psychiatry*. Co-authors of the study are Olivia Bogucki, a doctoral student in the Department of Psychology at

UMaine; Sandra Sigmon, a professor emerita of psychology at UMaine; and Blazer. Contact: Elyse Catalina, 581.3747

Gwendelyn Hill: Music education major hoping to inspire youth

27 Feb 2018

Gwendelyn Hill of Saco, Maine, knew she wanted to join University Singers, the advanced concert choir of the University of Maine, before she even graduated high school. “I had seen them perform multiple times at my high school and in my hometown while they were on their annual spring tour, and I was blown away by their performances,” Hill recalls. Hill’s high school choral director, a UMaine alumna, also was a former member of the group. “She was one of the greatest influences on my decision to join the music program at UMaine, and to join University Singers,” says Hill, who is pursuing a degree in music education. In addition to being the alto section leader of University Singers, Hill also is president and head music director of UMaine’s all-female a cappella group, Renaissance. **Why did you choose to study music education?** I chose music because it is something I have been passionate about my whole life. Some of the greatest role models I had in middle and high school were my music teachers, so I hope to be able to inspire young people like that someday. **What do you like most about being in University Singers?** My favorite part about being in University Singers is a tie between getting to know new people and new voices each year and making new friends, and our director Francis Vogt and his incredible talent for selecting choral repertoire. Not only is Fran one of the most significant role models I’ve ever had, but I had never been so emotionally connected to the music I am singing until I joined this choir. **Why UMaine?** I chose UMaine for a multitude of reasons, but largely because I knew I didn’t want to be too far from home in college, and I was eligible for a financial package that I could not turn down. My mother, many of my teachers, and many of my friends had attended UMaine so I knew it was a good school. I also had visited a few times and really liked the campus. I began college with an undecided major. However, after being in University Singers for one year, I knew I wanted to study music. **What difference has UMaine made in your life and in helping you reach your goals?** Being at UMaine has given me opportunities that I never thought I would have. I saw The King’s Singers perform at the Collins Center for the Arts, the same stage I have performed on. I went to Europe in summer 2016 with University Singers and got to perform in ancient cathedrals with my best friends. I’ve performed with Renaissance at the annual collegiate a cappella showcase in Vermont. These are all experiences that never would have happened if I hadn’t come to UMaine, and have all brought me closer to achieving my goals. **Any advice for incoming college students who are considering a major in music education?** Don’t work yourself up over auditions. Everyone in the School of Performing Arts, especially the professors, all want to see you succeed, so there is no need to be nervous. Also, professionalism and good communication will go a long way in the music department. Contact: Elyse Catalina, 207.581.3747

UMaine community members participating in fourth annual Maine Science Festival

28 Feb 2018

The fourth annual Maine Science Festival will be held throughout downtown Bangor and Orono March 15–18. The University of Maine is one of the major event sponsors. Several members of the UMaine community will lead workshops and participate in the program that draws science, innovation and creative achievement enthusiasts of all ages. A list of some UMaine-led events follows.

- Science on Tap: Food Edition — Jennifer Perry
- Friday Field Trip Day — For schools and homeschoolers, highlighted by UMaine’s College of Engineering, Center for Cooperative Aquaculture Research, and Graduate School of Biomedical Science and Engineering
- Tech Night — UMaine’s chapter of ACM-W, RiSE Center
- Explore — Emera Astronomy Center and M. F. Jordan Planetarium
- 5 Minute Genius — Sharon Klein, Andrew Thomas
- Exploration Station — Featuring “Nature Prints” at University of Maine Museum of Art
- VR and More with VEMI — VEMI Lab
- VR: Not Just Fun & Games — Justin Dimmel
- Implicit Bias: Explained — Susan Gardner, Jordan LaBouff, John Thompson (moderator)
- Curator’s Tour of “Shadows of Earth” Caleb Charland Exhibition — George Kinghorn, University of Maine

Museum of Art

- Weather vs. Climate — Sean Birkel
- Maine Citizen Science — Kalyn Bickerman-Martens, Sarah Nelson, Esperanza Stancioff, Linda Silka (moderator)
- Life that Lives on Us — Ian Bricknell, Anne Lichtenwalner
- Science of Dance — MacKenzie Stetzer
- Inspired by Nature — Qian Xue
- Mammoths in Maine — Harold Borns
- Dynamic Earth — Emera Astronomy Center and M. F. Jordan Planetarium
- Ugly Lies the Bone Talkback — Raymond Perry

The full Maine Science Festival schedule is [online](#).

NPQ quotes Kaye in article on rise in multigenerational households

28 Feb 2018

[Nonprofit Quarterly](#) (NPQ) quoted Len Kaye, professor of social work and director of the University of Maine Center on Aging, in the article, “Multigenerational households on the rise: Are nonprofits ready?” Housing planners already see friction between a system designed to accommodate the drive for long-term independent living with the needs of multigenerational households, according to the article. NPQ cited Kaye from a recent [Social Work Today](#) article. “During the course of giving it their all to someone they love so deeply, family members often forego their own needs, such as keeping doctors’ appointments and maintaining a social life,” Kaye said. “These families quickly discover that the infrastructure isn’t prepared for them to take on that role. Insurance companies, educational systems, and housing options are not always accommodating, so oftentimes families find themselves unprepared to take on a considerable financial, physical and emotional strain.”

WABI visits UMaine’s sugar house as maple season gets underway

28 Feb 2018

[WABI](#) (Channel 5) reported on the beginning of Maine’s maple season while visiting the University of Maine’s Thomas J. Corcoran Sugar House. Keith Kanoti, a forest manager at UMaine, said students, staff and faculty tap about 350 trees to make syrup every spring. The recent weather has been perfect for harvesting sap, WABI reported. “If we continue to get those cold nights, warm days without too much prolonged warmth, we could have a pretty decent season. You just always have to sort of wait and see,” Kanoti said. In addition to bottling syrup, UMaine’s sugar house also serves as an educational tool for students to learn about the industry, according to the report. “Maple has always been important to Maine, and the maple industry is actually growing,” Kanoti said. “The product is being marketed farther afield than it ever used to be, so the importance of maple regionally is increasing.”

UMaine-led group investing over \$14 million in marine businesses, AP reports

28 Feb 2018

The Associated Press reported a group led by the University of Maine is investing more than \$14 million in businesses and infrastructure to try to grow marine jobs in the state. The Alliance for Maine’s Marine Economy, which is a consortium of businesses and institutions in the state, is investing \$7 million in voter-approved bonds along with more than \$7 million more from its own members, according to the article. The investments are designed to “support and diversify traditional fisheries, aquaculture and other marine-dependent industries,” according to UMaine. The Maine Technology Institute is partnering with the Alliance for Maine’s Marine Economy to invest in seven projects and award eight grants. The awards include creating new processing capabilities at seafood businesses in several counties in the state, according to the article. [U.S. News & World Report](#), [WABI](#) (Channel 5), [Portland Press Herald](#) and [The Seattle Times](#) carried the AP report.

University of Montreal professor to give talk on friendship

01 Mar 2018

Eric Mechoulan, a professor in the Department of French Literature at the Universite de Montreal, will deliver a talk on friendship March 6 at the University of Maine. Mechoulan's talk, "On Friendship: A brief history of the concept from Aristotle to Facebook," will begin at 4 p.m. in the Allen and Sally Fernald APPE space at the IMRC Center in Stewart Commons. Refreshments will be served. Mechoulan is an early modernist and cultural historian with interests in critical theory and digital humanities. His most recent book, "Lire avec soin" ("Careful Reading"), focuses on the idea that reading is not a simple decoding of signs, rather it must be integrated into a history of media and a theory of justice. The presentation is hosted by the Clement and Linda McGillicuddy Humanities Center. It is part of the "Life of Ideas" series curated by Frederic Rondeau, an assistant professor of French and assistant director of the Canadian-American Center at UMaine. Rondeau created the series as part of the 2017–2018 symposium "Juvenescence/Obsolescence: Humanities Approaches to Aging Across the Ages." The series consists of panel discussions by UMaine professors and lectures by visiting scholars. For more information or to request a disability accommodation, contact Rondeau at 581.2072, frederic.rondeau@maine.edu.

MassLive mentions UMaine in report on Northeast Cyberteam program

01 Mar 2018

[MassLive](#) reported on the Northeast Cyberteam initiative that will extend the resources of a high performance computing center in Holyoke, Massachusetts to small colleges. A three-year, \$1.1 million grant from the National Science Foundation will help train college students to be "research computing facilitators," according to the article. The Northeast Cyberteam consists of the Massachusetts Green High Performance Computing Center, University of New Hampshire, University of Vermont and University of Maine. A professor or researcher at a smaller college who wants to tap into computing center exploration capabilities can [contact](#) the Northeast Cyberteam, a center spokeswoman said.

BDN reviews SPA production of 'Stupid F##king Bird'

01 Mar 2018

The [Bangor Daily News](#) published a review of the University of Maine School of Performing Arts production of "Stupid F##king Bird," Aaron Posner's "sort of" adaptation of Anton Chekhov's "The Seagull." "The cast and crew of this production have spread their wings and soared in ways and in different directions than they most likely have not been able to do before," the review states. "'Stupid F##king Bird' is a triumph for the students, the School of Performing Arts and the director." The play will be performed at 7:30 p.m. March 2 and 3, and 2 p.m. March 4 at Hauck Auditorium. Tickets are \$12, free for UMaine students with a MaineCard.

UMaine students compete in Big Gig pitch-off, WVII reports

01 Mar 2018

[WVII](#) (Channel 7) reported several University of Maine students competed in a Big Gig pitch-off event in Brewer. The Big Gig is a network for innovators and entrepreneurs in the Bangor area that was started by a motivated group of municipalities, organizations and universities, including UMaine. The Big Gig competition allows local entrepreneurs to pitch their business ideas or early-stage companies to a panel of judges who select a winner. "[The events] bring entrepreneurs and innovators together to help them work on their pitches and receive feedback in a nice environment," said Emma Wilson, an entrepreneurship events and marketing coordinator at UMaine. "We like to call it the 'Dolphin Tank,' not the 'Shark Tank.'" One UMaine student pitched a revised ancient Greek device that is similar to the fidget spinner. Another student pitched a frozen dog food package that feeds pets at the right pace and with the right nutrients, WVII reported.

Barkan published in journal, will present at conference

01 Mar 2018

Sociology professor Steven Barkan and UMaine alumnus Michael Rocque, now a sociology professor at Bates College, have published ["Socioeconomic Status and Racism as Fundamental Causes of Street Criminality"](#) in the journal *Critical Criminology*. This paper has led the authors to be invited to present at the annual conference of the Interdisciplinary Association for Public Health Science, to be held at the National Academy of Sciences in Washington, D.C., in October 2018.

Vachon signs four-year head coaching contract with UMaine

02 Mar 2018

Amy Vachon, whose squad recently captured the America East regular season title, has signed a four-year contract with the University of Maine to be head coach of the women's basketball team, effective March 1. Vachon has led the team since Jan. 6, 2017, when she took over head coaching duties after it was announced that coach Richard Barron would be taking an extended medical leave. This season, she served as interim head coach. Vachon, an alumna, joined the UMaine staff as an assistant coach in May 2011 and also served as recruiting coordinator for the Black Bears. She was promoted to associate head coach in May 2016, and named interim head coach April 5, 2017. "Amy has done an outstanding job during the last 15 months, and she has earned the opportunity to be the permanent head coach of the women's basketball team," says UMaine Director of Athletics Karlton Creech. "After taking over the program under adverse conditions, Amy led our student-athletes to continued success academically and athletically. The championship-level performance of the program under Amy's leadership has been more than impressive. I would also like to thank and congratulate the entire women's basketball coaching and support staff whose contributions are vital to the success of the program." In her first full season at the helm, Vachon has guided the Black Bears to a 20–9 overall mark. Maine finished the campaign as the America East regular season champions, completing their conference slate at 13–3 capped by a championship clinching, 74–69 overtime victory against UAlbany. Last season under her guidance, the Black Bears went 11–7, along the way defeating No. 1 New Hampshire to earn a trip to the America East title game. "Amy has provided amazing leadership for women's basketball, resulting this year in a successful season that has rocked the Cross Center," says UMaine President Susan J. Hunter. "She has been a tremendous asset to the program that she knows so well. It's wonderful to see such a talented coach take her team to this level of achievement in America East and in the classroom. This is a proud moment for Maine and Black Bear Nation looks forward to the success of women's basketball under Amy's leadership." Barron says he's thrilled that Vachon has been named the head coach for women's basketball at UMaine. "The tremendous success that the program has experienced over the past seven years can be directly attributed to Amy's efforts, capped by the incredible achievement of a regular season championship in her first full year at the helm," Barron says. "UMaine has won 15 conference championships and Amy has played or coached on nearly half of those teams. She epitomizes what UMaine women's basketball is all about. I am so happy for her, for the players and for the staff. Congratulations Amy." Vachon says she is "very thankful for the opportunity to continue serving as the head women's basketball coach at the University of Maine." "I am very aware of the prestige this position has and will do everything I can to help continue the great history of success that UMaine women's basketball has had on the court, in the classroom and in the community," Vachon says. "I am so grateful to President Hunter and Karlton Creech for their support and the faith they have showed in me throughout the years. Words cannot express my gratitude to our players and staff. This opportunity would never be possible without their commitment and hard work. "Finally, I want to thank Coach Barron. Seven years ago, he took a chance on me and I will forever be appreciative," says Vachon. "I have learned so much from him and he is not only a mentor to me, but also a tremendous friend. "Black Bear Nation, you are the best fans around. I look forward to seeing you out in full force this weekend in Portland at the America East Tournament." Vachon's head coach salary will be \$120,000 a year, with a \$5,000 increase annually beginning at the start of the second year. Prior to joining the UMaine staff, Vachon was the head girls' basketball coach at Catherine McAuley High School, guiding the squad to the 2011 Maine Class A State Championship. Vachon was a two-year captain for the UMaine women's basketball team and led the Black Bears to four-straight NCAA Tournament appearances. She was a member of the 1999 team that knocked off Stanford in the first round of the NCAA Tournament. While Vachon played at UMaine, the Black Bears compiled a four-year record of 87–35, including a 61–11 record in conference play. She was a key player for the Black Bears when they captured back-to-back America East Championships in 1996–97 and 1997–98. Vachon was named to the America East All-Tournament Team in 1999. Vachon, who was inducted into the Maine Sports Hall of Fame in 2016, holds UMaine records for the most assists in a season, with 234. She also holds the UMaine and America East record for assists in a career, with 759. When hired in 2011, she ranked 22nd all-time in NCAA history in career assists. Vachon is the daughter of former Cony High School

girls basketball coach Paul Vachon. At Cony, she played on two-state championships teams, was a four-year All-State Basketball selection and a two-time Gatorade Player of the Year. In 1996, she was named Miss Maine Basketball and the High School Athlete of the Year. Vachon excelled in the classroom and knows the demands of Division I student-athletes. At UMaine, she was selected to the All-Maine Women Honor Society and made the dean's list and the America East All-Conference Academic Honor Roll. She was a Maine Scholar-Athlete Award winner and a member of the Student-Athlete Advisory Board. Vachon graduated Magna Cum Laude in 2000 with a degree in elementary education. In 2002, she earned her Master's of Education in school counseling at the University of North Carolina, Chapel Hill.

Maine Grass Farmers Network conference March 16

02 Mar 2018

The Maine Grass Farmers Network (MGFN) annual grazing conference is scheduled for 9 a.m.–3 p.m. March 16 at the Kennebec Valley Community College Alford Campus in Hinckley. Giving the keynote address will be Jeremy Engh, owner of Lakota Ranch in Remington, Virginia. Cornell Extension agricultural marketing specialist Matt LeRoux will discuss profitable meat marketing. More than 10 grazing and livestock experts will lead sessions suitable for both novice and experienced graziers. The \$60 fee includes lunch; \$25 for each additional person from the same farm. Discounts are available for students and MGFN or Maine Beef Producers Association members. Register [online](#). For more information or to request a disability accommodation, call University of Maine Cooperative Extension in Waldo County, 342.5971; 800.287.1426 (in Maine). MGFN is co-sponsored by UMaine Extension and the Maine Organic Farmers and Gardeners Association.

Williams visits WABI to discuss upcoming CCA shows

02 Mar 2018

Danny Williams, executive director of the the Collins Center for the Arts at the University of Maine, visited the [WABI](#) (Channel 5) studio to speak about upcoming CCA shows. Events in March, April and May include Erth's Dinosaur Zoo Live, Cirque Éloize's "Saloon," The Reduced Shakespeare Company's "The Bible (abridged)," "Gentleman's Guide to Love and Murder," and the Ukulele Orchestra of Great Britain.

Hopkins speaks with BDN about start of Maine maple season

02 Mar 2018

Kathy Hopkins, a maple syrup expert with University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for an article about the start of Maine's maple season. Traditionally, Maine maple season starts with a cold January and February, and producers tap their trees in mid-to-late February or early March, depending on where the sugar bush is located, according to the article. Sap flows best when trees freeze at night and thaw during the day, Hopkins said, adding that these days syrup producers do best when they take their cues from the current conditions instead of the traditional calendar. "Every maple season is kind of weird, in a way, because you're waiting on the weather," she said. "You can't plan precisely when you make your syrup. You have to make your maple syrup when Mother Nature says you can, so maple producers are used to being flexible. And I think this winter is going to require excessive flexibility." Hopkins also spoke with [Mainebiz](#) for an article about maple syrup season. [Maine Public](#) carried the BDN article.

UMaine research cited in Press Herald report on Maine lobster haul decline

02 Mar 2018

University of Maine research was cited in the [Portland Press Herald](#) article about Maine's lobster industry seeing both its value and volume fall sharply in 2017. Landings declined 16 percent in 2017, and the boat value of the statewide catch fell 18.6 percent, according to the Maine Department of Marine Resources, which released its annual catch data at the Maine Fishermen's Forum in Rockport. Recently, the Gulf of Maine Research Institute and UMaine published a

study that predicted a sharp decline in Gulf of Maine stock over the next 30 years, using a computer model that predicts the population will fall 40 to 62 percent by 2030, depending on the rate of warming, the article states. In 2015, Rick Wahle, a research professor at UMaine's Darling Marine Center, also tied shrinking larval habitats to ocean warming, the Press Herald reported. The Associated Press also cited Wahle's research in an article on Maine's lobster catch. Wahle has warned that the population of baby lobsters in some parts of the Gulf of Maine has fallen to low levels in recent years, the AP reported. San Francisco Chronicle and WTOP carried the AP article.

BDN quotes Dill in article on invasive species

02 Mar 2018

Jim Dill, a pest management specialist with University of Maine Cooperative, was quoted in the [Bangor Daily News](#) article, "What invasive species can you find on your property?" There are currently about 2,100 plant species recorded in Maine, and about a third of those are not native. Of those plants that aren't native, only a small fraction are considered invasive, according to the article. Invasive forest insects such as the emerald ash borer, Asian longhorned beetle, brown spruce longhorn beetle, hemlock woolly adelgid, elongate hemlock scale and winter moth are another problem in Maine, the article states. "We want to know where these [invasive insects] are so we can keep track of infestations and maybe be able to contain the infestation, depending on the insect," Dill said. "We need the citizens to be our eyes and ears because we can't be everywhere."

Tickets for lecture by famed oceanographer Sylvia Earle available March 6

05 Mar 2018

Famed oceanographer and explorer Sylvia Earle will present "Exploring the Ocean in the 21st Century" at the Collins Center for the Arts, April 30, 4:30–5:30 p.m. Her lecture will include underwater film of her research and conservation efforts in many coastal and deep areas of the global ocean. Tickets are free but must be reserved by visiting the box office in the lobby of the Collins Center for the Arts or by calling 581.1755. Earle is a National Geographic Society Explorer-in-Residence, and founder and chair of the nonprofit [Mission Blue](#). She has been called a "Living Legend" by the Library of Congress. Doors will open at 3:30 p.m. and a short program of Maritime folk music about the sea will be provided by the New Brunswick folk duo "Frantically Atlantic" from 3:50–4:20 p.m. as the audience is being seated. Co-sponsors of the event include: the School of Marine Sciences; the Cultural Affairs and Distinguished Lecture Series; Department of Communication and Journalism; School of Earth and Climate Sciences; McGillicuddy Humanities Center; College of Engineering; Phi Beta Kappa; Honors College; Maine Folklife Center; EPSCoR SEANET; Women in Science, Technology, Engineering, Mathematics and Medicine; Graduate Student Association; Sigma Xi; Maine Sea Grant; and the Maine Science Festival.

Free workshops to build your own solar cellphone charger

05 Mar 2018

The Office of Sustainability is offering free solar cellphone charger-building workshops 5–8 p.m. March 22 and 28 for as many as 20 students, faculty and staff members each night. The workshops will be in the Texas Instruments Analog Circuits Laboratory in Barrows Hall. Participants can take home their completed solar cellphone chargers. To sign up, email alicia.oberholzer@maine.edu.

Call for proposals to support cultural events

05 Mar 2018

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 UMaine. The next application deadline is March 26 for projects starting on or after April 23. Proposals must be submitted online using the [CA/DLS Grant Application Form](#). Past awards have supported

lectures, 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](#).

WABI covers rally against gun violence

05 Mar 2018

[WABI](#) (Channel 5) reported a small group of demonstrators gathered at the University of Maine to peacefully protest against gun violence. Those in attendance said their main goal is for their voices to be heard, according to the report. “I definitely hope the conversation can be continued,” said Quinn Stewart, an event organizer and UMaine student. “I think more importantly than just continuing the conversation is making sure that people’s voices are actually heard and making sure that we are able to translate those voices into action.” Matthew Miller, president of the UMaine College Republicans, said he attended the rally because he and others in the group are against gun violence. “We thought that we should come and pose our solutions to the gun violence problem, which happens to be different than some of the other protesters. But I think it was great that we were able to come out here and say our side of the story and our solutions,” Miller said.

Sun Journal advances nontimber forest products workshop

05 Mar 2018

The [Sun Journal](#) reported the Oxford County Soil & Water Conservation District will hold the workshop “Non-Timber Forest Products and Your Maine Woods: Possibilities and Challenges” from 10 a.m. to noon March 9 at the University of Maine Cooperative Extension Office in Paris. The program will be led by David Fuller, an agricultural and nontimber forest products professional with UMaine Extension. Fuller works with farmers and other woodlot owners to realize income from nontimber forest products including fiber, food, herbs and medicinals, according to the article. Participants will learn what they can make or use from products such as fiddleheads, spruce gum, birch bark, maple sap and balsam fir.

Ellsworth American interviews Yarborough about Maine blueberry industry, retirement

05 Mar 2018

[The Ellsworth American](#) spoke with David Yarborough, a wild blueberry specialist with University of Maine Cooperative Extension, for the article, “Market glut, low prices hurt Maine’s blueberry industry.” The per-pound price for Maine blueberries steadily dropped from 76 cents in 2012 to 60 cents in 2014 and 27 cents in 2016, according to Yarborough. In 2017, the per-pound price crept back up slightly. Yarborough said official numbers haven’t been released but some growers made as much as 35 cents per pound. Advocates of the native lowbush blueberries growing in Maine and Canada say they are richer in health benefits and flavor than highbush varieties, according to the article. Yarborough said the stronger flavor is due to a greater mix of genetic material in the plant species. Educating growers and the public about Maine’s wild blueberries has been the horticulture professor’s mission for 40 years, the article states. He is expected to retire in April and has been working with UMaine officials to choose and train his successor. Even with all of the industry’s struggles, Yarborough said he remains optimistic. “As with any agricultural enterprise, there are booms and busts, ups and downs, but if we can find some good markets, even overseas markets and get some consumer demands, things will turn around,” he said.

Press Herald reports on Wahle’s research in article on baby lobster decline

05 Mar 2018

The [Portland Press Herald](#) reported on research conducted by Rick Wahle, a research professor at the University of Maine’s Darling Marine Center, in an article about the recent decline of baby lobsters in the Gulf of Maine. Scientists want to know why the number of young lobsters is declining when their numbers at every other stage remain high, according to the article. Two years ago, Wahle began sampling to see if the babies are settling in waters deeper than 30 feet. That would suggest the number of baby lobsters weren’t really declining, but were “settling down” into newly

suitable habitat where scientists hadn't been sampling, Wahle said. Preliminary results were promising, but two years' worth of data is not enough for scientists to draw any conclusions, the article states. Once Wahle's funding ran out, Ready Seafood of Portland decided to kick in \$75,000 a year to continue his research, the Press Herald reported. "We don't think there's enough proactive measures being done to invest in the research side," said Brendan Ready of Ready Seafood. "The more research, the more collaboration we can do with harvesters, science, and now industry, I think that's going to distinguish our industry." [Mainebiz](#) also reported on the research, citing the Press Herald article.

Vachon signs four-year head coaching contract, media report

05 Mar 2018

The Associated Press, [Bangor Daily News](#), [Portland Press Herald](#), [News Center Maine](#), WVII (Channel 7) and [WABI](#) (Channel 5) reported Amy Vachon has signed a four-year contract with the University of Maine to be head coach of the women's basketball team, effective March 1. Vachon was elevated from assistant coach when Richard Barron went on medical leave in January 2017, according to the AP. "I'm excited," Vachon told the BDN. "I'm really thankful for this opportunity, especially with the group of kids and staff we have. This is a great opportunity. The University of Maine has been really special to me. I've spent a third of my life here. I've had some really awesome experiences." This season, her team led the America East conference with a 13–3 regular season record, the AP reported. Tampa Bay Times carried the AP report. [WGME](#) (Channel 13 in Portland) also reported Vachon was named the 2017–18 America East Coach of the Year at the annual America East awards banquet held in Portland.

Maine Sea Grant names new director

05 Mar 2018



[caption id="attachment_59530" align="alignright" width="223"] Gayle Zydlewski[/caption] Gayle Zydlewski, an associate professor in the University of Maine School of Marine Sciences, has been named director of the Maine Sea Grant College Program, effective July 1. "I am delighted to have the opportunity to join Maine Sea Grant," Zydlewski says. "Maine Sea Grant plays such a pivotal role for Maine's coastal communities, and I look forward to transferring my skills and expertise to this important organization in Maine. I am excited to work with a team that has established networks with a diversity of partners on-the-ground and connections to nationwide efforts. I expect to learn from their experiences and expand those connections in new and innovative ways to benefit the state of Maine." Zydlewski, who has a Ph.D. in oceanography from UMaine, has more than 20 years of experience as a researcher and faculty member at UMaine and Washington State University. She also served as a supervisory fishery biologist at the United States Fish and Wildlife Service in Longview, Washington. She has had multiple roles as a faculty member at UMaine. She is currently the graduate coordinator of the Marine Biology Program in the School of Marine Sciences. Zydlewski also serves as the chancellor's designee to the Maine Ocean School Board of Trustees, and is a member of the Maine Agricultural and Forest Experiment Station Research Council. Zydlewski's research seeks to

understand the impacts of environmental conditions on fish behavior and physiology, and their relationship with population dynamics. Her most recent research focuses on shortnose and Atlantic sturgeon in the Penobscot River and the broader Gulf of Maine. This includes incorporating effects of various components of the ecosystems — dams, prey presence, interspecific interactions, and habitat quality — on fish behavior and population dynamics. She also leads a research program focused on the environmental effects of tidal power development in partnership with state and national natural resource regulators and marine renewable energy partners in the U.S. and Canada. She has authored and co-authored more than 100 papers in journals and conference proceedings. “All of my research results would not have been possible without the 15 graduate students, more than 20 undergraduate researchers, multiple research staff, colleagues, and partners working with me over the years,” says Zydlewski. “Gayle’s diverse research has had direct and positive impacts on sea-run fish and marine resources in Maine,” says Carl Wilson, director of the Bureau of Marine Science at the Maine Department of Marine Resources. “Most importantly, Gayle is a great listener. These experiences and talents will serve Sea Grant, the university and the state of Maine well in advancing sound marine science initiatives.” “On behalf of Maine Sea Grant staff and our many collaborators throughout the state and the National Sea Grant Network, I am thrilled to welcome Gayle to this new role. Our work with Maine people will greatly benefit from Gayle’s leadership and expertise. We are well positioned to take on new opportunities and address new challenges in the coming years,” says interim director Beth Bisson. The University of Maine Sea Grant Program is a partnership between the National Oceanic and Atmospheric Administration and the state of Maine, and part of a network of 33 Sea Grant programs throughout the coastal and Great Lakes states. Sea Grant funds marine research, outreach, and education projects and programs statewide. In partnership with UMaine Cooperative Extension, Sea Grant supports a team of Extension professionals based in coastal communities from Wells to Eastport. Learn more at seagrant.umaine.edu. Contact: Catherine Schmitt, 207.581.1434; catherine.schmitt@maine.edu

Barron named UMaine men’s basketball head coach following Walsh’s decision not to extend contract

05 Mar 2018

Richard Barron, University of Maine special assistant to the director of athletics, has been named head coach of the men’s basketball team. Following coach Bob Walsh’s decision to not seek a contract extension, the university moved forward with the appointment of Barron. Effective March 5, Barron will immediately assume all head coaching responsibilities. “The university would like to thank Bob Walsh for his hard work and dedication to the men’s basketball program,” says UMaine Director of Athletics Karlton Creech. “Coach Walsh’s teams achieved academically while showing great toughness and perseverance on the court. We wish him the best moving forward.” UMaine President Susan J. Hunter echoed Creech’s remarks, adding her appreciation for the efforts of Walsh and his team in the past four years, and looking ahead to the next chapter in UMaine men’s basketball. “Men’s basketball is an important part of Division I athletics at the University of Maine and in the state,” Hunter says. “We are pleased to see Richard returning to the court and we look forward to where his leadership will take UMaine men’s basketball.” Barron has signed a five-year contract to be head coach of the men’s basketball team, effective March 5. Beginning July 1, his annual salary will be \$160,000, with a \$5,000 increase at the start of the second year. Since Dec. 1, he has been serving in a seven-month appointment as special assistant to the Athletic Director. He was head coach of the women’s basketball team when he became ill in January 2017 and took a medical leave of absence. Barron began his appointment as UMaine head coach on May 10, 2011. He guided the Black Bears to a pair of America East regular season titles and three-straight postseason appearances. “Richard Barron has an impressive track record of success throughout his career,” says Creech. “His skill as a basketball coach is unquestioned. Richard has an incredible basketball IQ, and the ability to share that knowledge through coaching and teaching. Under his leadership, our men’s basketball student-athletes will learn and grow. “Richard’s previous success as our women’s basketball coach makes him uniquely qualified to understand what it takes to build a program here at UMaine,” Creech says. “We are excited that Richard and his family will remain involved, valuable members of this community.”

UMaine Extension offering introductory farming workshop in Dover-Foxcroft

06 Mar 2018

University of Maine Cooperative Extension is offering an introductory workshop on farming in Maine on March 26 at the Piscataquis County UMaine Extension office in Dover-Foxcroft. From 6:30–8:30 p.m., participants will explore

what it takes to start a farming enterprise in Maine, how to evaluate assets that can contribute to a successful farm, and where to find more information to start a farm business plan. UMaine Extension educator Donna Coffin will lead the workshop. The fee is \$10 per person; registration is required. Register online or call Piscataquis Valley Adult Education Cooperative, 564.6525. For more information or to request a disability accommodation, contact UMaine Extension, 564.3301.

Livermore Falls Advertiser publishes feature on 4-H educator

06 Mar 2018

[Livermore Falls Advertiser](#) published a feature article on Tara Marble, a 4-H youth development professional in Franklin County. The article mentioned several University of Maine Cooperative Extension 4-H programs and opportunities Marble has been involved in, including 4-H clubs, the National 4-H Youth Agri-Science Summit in Washington, D.C., Maine 4-H Days at Windsor Fairgrounds, 4-H Science Saturdays, STEM Ambassadors, and 4-H at UMaine.

AgrAbility mentioned during Maine Public's 'Maine Calling'

06 Mar 2018

Maine AgrAbility, a program that works with Maine farmers who struggle to continue their work due to injury, illness or disability, was mentioned during Maine Public's "Maine Calling" radio show. Kathy Adams, OTR/L, ATP/director at Maine CITE Coordinating Center, was a guest on the show that focused on occupational therapy. Adams, an AgrAbility advisory board member, mentioned the USDA-funded program. Maine AgrAbility is a partnership among University of Maine Cooperative Extension, Alpha One and Goodwill of Northern New England.

Franklin County 4-H members going to Washington D.C., Sun Journal reports

06 Mar 2018

[Sun Journal](#) reported the University of Maine Cooperative Extension 4-H in Franklin County will send four members of the Maine delegation on the 2018 Citizenship Washington Focus (CWF) trip, a 4-H leadership program for high school students from across the country. While in Washington June 30 to July 7, CWF delegates will learn about the democratic process and their role as citizens, in part by presenting an action plan on a local community issue they have identified, according to the article. They also will march in the national Fourth of July parade, and visit monuments and museums, the article states.

Fosters.com reports on collaborative New England weed study

06 Mar 2018

[Fosters.com](#) reported scientists from Maine, New Hampshire, and Vermont have completed the first comprehensive assessment of weeds found on organic vegetable farms in northern New England. The collaborative study is an important first step in providing a baseline for organic growers who could face challenges providing locally grown produce because of new, problematic weeds emerging due to environmental change, according to the article. University of Maine collaborators on the project include Eric Gallandt, a professor of weed ecology and management; and Sonja Birthisel and Bryan Brown, graduate students in ecology and environmental sciences, the article states.

Dill speaks with WVII about early tick activity

06 Mar 2018

[WVII](#) (Channel 7) interviewed Griffin Dill, an integrated pest management specialist with the University of Maine Cooperative Extension, about the return of tick activity in Maine. "An earlier spring will certainly mean earlier tick activity," said Dill, who adds a typical tick season usually starts when temperatures begin to rise throughout March and

into April. With temperatures consistently hovering around 40 degrees, Dill and his office have already heard of several reported tick cases throughout the state, WVII reported. “We have received calls from people just voicing their concerns that they’ve been finding ticks on pets, on themselves, on their kids,” Dill said. “We’ve talked to some of our colleagues in southern New England, they’re seeing a lot of tick activity already.”

Barron named men’s basketball head coach, media report

06 Mar 2018

The [Bangor Daily News](#), [Portland Press Herald](#), [News Center Maine](#) and [WABI](#) (Channel 5) reported Richard Barron, University of Maine special assistant to the director of athletics, has been named head coach of the men’s basketball team. Following coach Bob Walsh’s decision to not seek a contract extension, the university moved forward with the appointment of Barron. “I’m very happy and very humbled that the administration felt that I was valuable here and had something to offer, especially to these men’s basketball players,” said Barron, who guided the UMaine women’s basketball team to a pair of America East regular-season titles and three straight postseason appearances over six seasons as head coach before going on medical leave in January 2017, the BDN reported. Barron has signed a five-year contract, effective March 5.

Summer University 2018 Information Session March 20

07 Mar 2018

The inaugural Summer University Information Session will be held from 8:30–10 a.m. March 20 in Wells Conference Center. The event offers an opportunity for faculty members, advisers and administrative support staff to learn about Summer University. Topics to be discussed include registration policy, student and faculty resources, financial aid and more. The Summer University team will take time to reflect on data from last year and solicit feedback. Refreshments will be provided. Email summeruniversity@maine.edu to secure a spot by March 13 and be entered for a chance to win a door prize. Include any questions you have or topics you would like to see discussed at the event.

Tijerina quoted in Press Herald report on proposed Canadian steel tariffs

07 Mar 2018

Stefano Tijerina, a political scientist at the University of Maine who studies Canadian foreign and commercial policy, was quoted in the [Portland Press Herald](#) article, “Proposed tariffs on Canadian steel could backfire on Maine.” Maine could be vulnerable if Canada retaliates against President Trump’s tariffs against steel and aluminum imports, and in-state manufacturers could be placed at a competitive disadvantage from the tariffs themselves, which will raise the prices of those metals, according to the article. Trade experts say their biggest concern is with how Canada might retaliate, as some scenarios could cause major disruptions in Maine, the article states. “The Canadian government will retaliate by putting a tariff on American products, and the question for them is which ones to target,” Tijerina said. “They will be interested in poking or lobbying American stakeholders in places like Maine or Massachusetts or Minnesota to pressure people to argue against the policy with the administration.”

Kennebec Journal cites Margaret Chase Smith Policy Center report in article on drug crisis

07 Mar 2018

The [Kennebec Journal](#) cited a report issued by the Margaret Chase Smith Policy Center at the University of Maine in an article about Kennebec County officials considering whether they will sign a lawsuit against companies that manufacture and distribute opiate drugs. In 2017, drug overdoses killed a record 418 people in Maine. The majority of those deaths have resulted from people taking opiates, either prescription or illegal drugs, according to the article. In Kennebec County, 47 overdose deaths were reported in 2017, according to the Margaret Chase Smith Policy Center’s Expanded Maine Drug Death Report for 2017, the article states.

Mainebiz reports on new Maine Sea Grant director

07 Mar 2018

[Mainebiz](#) reported Gayle Zydlewski, an associate professor in the University of Maine School of Marine Sciences, has been named director of the Maine Sea Grant College Program, effective July 1. Zydlewski, who has a doctorate degree in oceanography from UMaine, has more than 20 years of experience as a researcher and faculty member at UMaine and Washington State University. “I am delighted to have the opportunity to join Maine Sea Grant,” Zydlewski said. “Maine Sea Grant plays such a pivotal role for Maine’s coastal communities, and I look forward to transferring my skills and expertise to this important organization in Maine. I am excited to work with a team that has established networks with a diversity of partners on the ground and connections to nationwide efforts. I expect to learn from their experiences and expand those connections in new and innovative ways to benefit the state of Maine.”

University Singers to begin 2018 spring tour

09 Mar 2018

The University Singers, a 60-voice choral ensemble under the direction of Francis John Vogt at the University of Maine, will embark on its annual spring tour March 13–15. The group will travel throughout Maine and Vermont, performing each day at high school assemblies, as well as offering choral workshops with high school singers. Evening concerts will be held at Waterville Senior High School in Waterville, Maine on March 13; Gorham High School in Gorham, Maine on March 14; and First United Methodist Church in Burlington Vermont on March 15. All performances begin at 7 p.m. and are free and open to the public. “It is a wonderful opportunity to spread the word around the Northeast about the exciting things happening here at the School of Performing Arts,” Vogt says. “Also, because the choir is comprised of both music majors and students in other disciplines, it is a great example of the top-quality performing opportunities available to all students who attend the 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.” The concerts will include Latin motets from the 16th and 21st centuries, excerpts from Mozart’s “Grand Mass in C minor,” and “Come to the Woods,” an extended work for choir and piano by contemporary composer Jake Runestad. UMaine’s a cappella groups, the Maine Steiners and Renaissance, also will perform during the tour.

Maine Sports Hall of Fame to honor longtime athletics employee, BDN reports

09 Mar 2018

The [Bangor Daily News](#) reported the Maine Sports Hall of Fame will honor longtime University of Maine athletics employee Steve Jones at its annual ceremony June 3 at the Collins Center for the Arts. Jones, who has been the equipment manager for the Black Bears for more than three decades, will receive the Lifetime Achievement Award, according to the article. During his career at UMaine, Jones has served more than 25,000 student-athletes and established a reputation as a professional of the highest quality, a comrade to coaches and staff members in the athletics department, and a friend to all, the article states. “What a great honor for Jonesy, and one that is very much deserved. He epitomizes what a true Black Bear is, and he certainly is one of the reasons that UMaine Athletics is successful,” said UMaine softball coach Mike Coutts. “His overwhelming commitment over the last 30-plus years is something that most people don’t see, but as a former UMaine student-athlete and now coach, I have experienced firsthand what he has meant to us. Behind every great team there is a great equipment manager.”

UMaine diving instructor teaches National Park Service staff, Lincoln County News reports

09 Mar 2018

[The Lincoln County News](#) reported Christopher Rigaud, University of Maine’s diving operations manager, was one of four instructors at a two-week dive leadership workshop in February at the University of Southern California’s Wrigley Institute for Environmental Sciences. Based at the Darling Marine Center in Walpole, Rigaud conducts diver training, dive support, and operational supervision for all University of Maine System scientific diving operations, according to the article. Offered every two years, the workshop trains National Park Service dive staff to become diving officers and

diving examiners. Participants return to their parks throughout the country to supervise diving operations and train other park service divers and park visitors, the article states.

Kersbergen quoted in BDN article on concern over declining dairy prices

09 Mar 2018

Rick Kersbergen, a sustainable dairy and forage systems expert with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for the article, “Declining dairy prices spur concerns about farmer suicides.” The Associated Press reported that farmers are facing their fourth year of milk payments that are well below the cost of production, due in part to a national and global milk glut. “It’s a boom or bust cycle that dairy farmers get into, and right now we’re in what I would call an extended down time, making it even more difficult for farmers to try and make a living,” Kersbergen said. “It’s a tough profession and a tough time. Dairy farmers are proud people. When they work as hard as they do and go into debt, it’s pretty depressing.” Maine dairy farmers in some ways are better situated than farmers in other states because of the Maine Dairy Relief Program, which provides economic aid to farmers when milk prices dip below the cost of production, the article states. “It’s actually been a real lifesaver to Maine dairy farmers,” Kersbergen said. Despite the massive decline in dairy farms, the amount of milk produced in Maine has been stable over the years, thanks to larger, more efficient farms, according to Kersbergen.

Maine Public interviews Rubin about reducing road salt use

09 Mar 2018

[Maine Public](#) spoke with Jonathan Rubin, director of the Margaret Chase Smith Policy Center and professor of resource economics and policy at the University of Maine, for a report about reducing road salt use in the state. “The key is to be smarter about this and use less by better management,” said Rubin, who was the lead author of a 2010 report detailing road salt use in the state. “The Maine DOT is doing a good job in terms of educating, but they only control certain Maine state roads. There’s huge amounts of salt used on the municipal level and town level, and it’s really about getting the best practices out to all the towns and contractors to reduce salt to the bare minimum that’s necessary for our clear roads.” In addition to cleaner water, Rubin said there are financial incentives to strategically using road salt. He said the annual road salt price tag for the DOT, Maine Turnpike Authority, and the state’s municipalities comes in at just under \$100 million.

Media detail Bigelow Lab, UMaine Gulf of Maine kelp study

09 Mar 2018

[Mainebiz](#) and [Boothbay Register](#) reported Bigelow Laboratory for Ocean Sciences has been awarded funding from the Maine Sea Grant College Program for a new study of kelp forests in the Gulf of Maine. Douglas Rasher, senior research scientist at Bigelow, will lead the project with support from University of Maine scientist Robert Steneck, continuing a long-standing partnership between Bigelow and UMaine’s Darling Marine Center, Boothbay Register reported. The researchers will collaborate with government and industry partners to assess the current state of kelp forests in the region and learn how Maine can maintain a sustainable kelp industry, the article states.

English major awarded George J. Mitchell Peace Scholarship to study in Ireland

09 Mar 2018

Taylor Michele Houdlette, a third-year English major at the University of Maine, has been awarded the George J. Mitchell Peace Scholarship and will study abroad in Ireland during the fall 2018 semester as part of the student exchange program. The competitive merit-based scholarship is made possible by an agreement between Maine and Ireland for a student exchange at the university level. It honors the 1998 Northern Ireland peace accord brokered by Sen. Mitchell between Ireland and the United Kingdom. The University of Maine System awards one full scholarship or two one-semester scholarships per year which allow students to study at University College Cork in Ireland. As a George J. Mitchell Exchange Scholar, Houdlette plans to delve into the local language and culture by taking courses such as

Northern Ireland history, Middle English literature, Irish folklore and Irish Gaelic language as well as establishing connections with other students and exploring the surrounding area. She also plans to continue her dedication to volunteerism by joining societies present at the University College Cork campus, such as Amnesty International. “Having the chance to attend UCC through the George J. Mitchell Scholarship is quite an honor. My passion for English will carry over nicely as I pursue the intersection between writing studies and Irish cultural studies at UCC,” says Houdlette, a student in the Honors College who is pursuing a minor in leadership studies. “I’m looking forward to continuing to develop myself as a citizen on the local and global scale through volunteerism and leadership opportunities in Cork,” she says. “My hope is to bring a little bit of Cork back with me in terms of an Honors thesis as I plan on doing a ‘Humans of New York’-style social project. Going out into the local community and directly engaging with the population will be both nerve-racking and exciting, so it’s an opportunity I am definitely looking forward to.” Houdlette of Dresden, Maine, is a resident assistant at UMaine. She is involved with Operation HEARTS, a student organization dedicated to volunteering at medical organizations around the state; is president of Alpha Lambda Delta, a national first-year honors society; and is a member of the Golden Key International Honour Society. Houdlette graduated salutatorian of the 2016 Richmond High School class. To be selected for the George J. Mitchell Peace Scholarship, students’ applications are reviewed by a University of Maine System committee comprised of study abroad professionals. Selection criteria includes high academic achievements, leadership skills, commitment to community service and the ability to promote the scholarship to the academic and wider community. “It’s an incredible experience to have a chance at, and I am very grateful to everyone who has supported me throughout the process,” says Houdlette, who was guided in the application process by professors in the Department of English, as well as staff at the Office of Major Scholarships, located in Fogler Library, and the UMaine Office of International Programs, which helped administer the award. More about the George J. Mitchell Peace Scholarship and other scholarship opportunities are listed on the Office of Major Scholarships [website](#). Other study abroad opportunities can be found on the Office of International Programs [website](#). Contact: Elyse Catalina, 581.3747

Internship connects Maine college students with growing companies

09 Mar 2018

Editor's note: The Innovate for Maine application deadline has been extended from March 11 to March 23. For the seventh year in a row, the Foster Center for Student Innovation at the University of Maine is inviting Maine companies and college students to apply for a one-of-a-kind internship experience. Innovate for Maine seeks to connect the best and brightest Maine college students with the state’s most exciting, growing companies as a way to grow and create jobs in Maine through innovation and entrepreneurship. Far too often college students leave the state to find employment. At the same time, companies express the need for a qualified, skilled workforce. This is where the Innovate for Maine Fellows program can help. “There are a number of Maine companies developing innovative products, services and systems that are eager for talented students who understand the innovation process,” says Renee Kelly, assistant vice president for innovation and economic development. “By matching students trained in a systematic approach to innovation 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.” Selected students will become part of the Class of 2018. They are placed on real-world, meaningful projects within one or more organizations. Additionally, all fellows receive intensive training before the start of the internship to prepare them for working in high-growth organizations. Companies have the opportunity to be matched with a fellow or can apply to have their own intern participate in the program as part of this year’s class. All companies receive an innovation mentor who will guide and consult the fellow and company during the project. Innovation projects can include work on new products or services, process improvements, or projects to scale company growth. Innovate for Maine interns are able to conduct tasks such as market research, write marketing messages and innovation descriptions, assist with technical work, and run “fail fast, fail cheap” experiments such as prototyping and sales forecasting. This year, a number of subsidies will be made available to selected companies to help cover the cost of an intern. This is made possible through the continued support of collaborating partners Maine EPSCoR and Maine Accelerates Growth (MxG). The deadline to apply is March 23. More information, including applications, is [online](#).

Maine Press Association announces 2017–2018 scholars

12 Mar 2018

The Maine Press Association, in collaboration with the University of Maine, recently awarded 2017–2018 Maine Press Association Scholarships to two UMaine undergraduate students. This year’s recipients are Kathryn Caulfield of Naples, Maine and Aliya Uteovoa of Astana, Kazakhstan. Both are senior journalism majors who work for The Maine Campus, the school’s independent student newspaper. Uteovoa serves as the arts and culture editor, and Caulfield is the head copy editor. Both look forward to pursuing careers in journalism following graduation this year, and they both attended and participated in MPA’s 2017 Fall Conference in Bar Harbor. The Maine Press Association Scholarship is awarded to undergraduate students enrolled in a Maine college or university who plan to pursue a career in journalism. Applicants must meet minimum grade-point average requirements, be seniors, and demonstrate financial need. Applications for the 2018–2019 MPA Scholarship can be obtained by emailing Michael Socolow, michael.socolow@maine.edu. More about the MPA is [online](#).

The Republican Journal advances mindful leadership workshop in Belfast

12 Mar 2018

[The Republican Journal](#) reported a two-day workshop focused on mindful leadership in professional and workplace settings will be offered April 13 and 27 at the University of Maine Hutchinson Center in Belfast. The workshop will introduce participants to practical ways to bring mindfulness to daily work life, according to the article. Attendees will practice mindfulness meditation; learn competencies of mindful leadership; and discuss strategies for being calmer, more clear-minded and emotionally aware in the workplace, the article states. A UMaine certificate in mindful leadership will be awarded upon completion, and CEUs are available. Registration is [online](#).

BDN publishes op-ed on rising economic inequality by UMaine student

12 Mar 2018

University of Maine student Jules Hathaway wrote an opinion piece for the [Bangor Daily News](#) titled, “Rising economic inequality should worry us.”

Oxford Hills Technical School students build cabins at 4-H camp, Sun Journal reports

12 Mar 2018

The [Sun Journal](#) reported second- and third-year building construction technology students at Oxford Hills Technical School were involved with the construction of a building for environmental classes at Agnes Gray Elementary School in West Paris. The 16- by 20-foot timber-framed structure will serve about 100 students as part of the Outdoor Classroom Initiative, according to the article. Each year, the building trades students tackle a major project. This year, the students also have been working with the University of Maine 4-H Camp and Learning Center at Bryant Pond to build cabins to replace old canvas tents, the article states.

CCIDS mentioned in BDN report on preschoolers’ special ed

12 Mar 2018

The University of Maine’s Center for Community Inclusion and Disability Studies (CCIDS) was mentioned in the [Bangor Daily News](#) article, “Anticipating LePage’s reorganization, schools move to take over preschoolers’ special ed.” Six months ago, Gov. Paul LePage’s administration said it would propose legislation to have the state’s public schools take over special education for 3- to 5-year-olds. Six school districts have started working to take over the special services from the state’s Child Development Services system before any mandate comes down from the Legislature, according to the article. Grants from the Maine Department of Education will help four school districts in the Lewiston area and two in the Biddeford area plan how they will deliver services such as speech, physical and occupational therapy to preschool-age students and to transport children to receive those services, the article states. The four Lewiston-area districts will work with UMaine’s CCIDS to determine how they should provide special services when they become the public schools’ responsibility, the BDN reported.

AP previews Maine Grass Farmers Network conference

12 Mar 2018

The Associated Press advanced the Maine Grass Farmers Network's (MGFN) annual grazing conference March 16 at Kennebec Valley Community College in Hinckley. The event includes grazing and livestock experts who will lead sessions for graziers of varying skill levels, according to the article. The keynote address will be provided by Jeremy Engh, owner of Lakota Ranch in Remington, Virginia. Cornell Cooperative Extension agricultural marketing specialist Matt LeRoux will discuss profitable marketing of meat, the article states. MGFN is co-sponsored by University of Maine Cooperative Extension and the Maine Organic Farmers and Gardeners Association. The [registration](#) deadline is March 12. Maine Public and [U.S. News & World Report](#) carried the AP article.

Brewer quoted in BDN article on term limits, career politicians

12 Mar 2018

Mark Brewer, a political science professor at the University of Maine, spoke with the [Bangor Daily News](#) for the article, "After 25 years of term limits, Maine still has plenty of career politicians." Brewer said he has long opposed term limits because they rob the Legislature of institutional knowledge. "I can't for the life of me imagine why voters or anyone for that matter would want to get rid of people who are experienced," he said. "If you were getting brain surgery, would you want someone with the most vast knowledge and the most experience? Of course you would."

Classified Employees Advisory Council's Development Day canceled

12 Mar 2018

Due to the impending storm, the Classified Employees Advisory Council's Development Day scheduled for Tuesday, March 13 has been canceled.

Learn cheesemaking with UMaine Extension 4-H March 17

12 Mar 2018

Learn more about the science of cheesemaking at the next University of Maine Cooperative Extension 4-H Science Saturday 10 a.m.–1 p.m. March 17 at UMaine's Hitchner Hall Commercial Kitchen. Led by UMaine Extension food science specialist Rob Machado, participants will learn how to make two kinds of cheese and about the importance of sensory food testing. They also will sample different types of cheeses and dairy products. The event is open to students in grades six through nine. The maximum number of participants is 12. The \$10 per person fee includes lunch. Register online by March 14. For more information or to request a disability accommodation, contact Jessica Brainerd at 581.3877, jessica.brainerd@maine.edu.

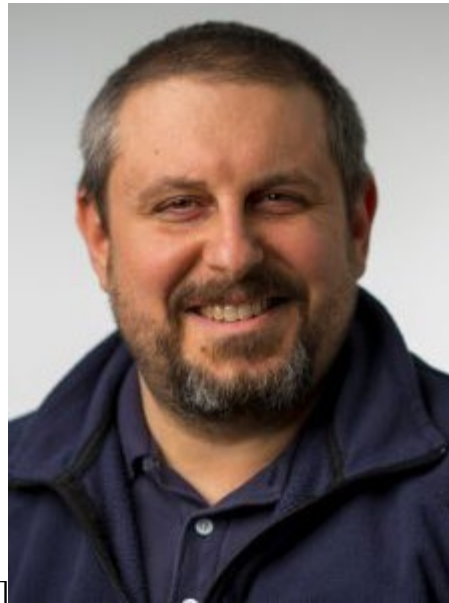
Campus budget discussion March 22

13 Mar 2018

A public forum has been scheduled 11 a.m.–12:20 p.m. March 22 in 102 Murray Hall to discuss the balancing of the University of Maine's fiscal year 2019 budget. UMaine President Susan J. Hunter, Executive Vice President for Academic Affairs and Provost Jeffrey Hecker, and Chief Business Officer Claire Strickland will present the continuing efforts of the administrative team to finalize an FY19 budget that reflects the university's shared goals of providing a quality, affordable education; advancing new knowledge; and serving the state. The session will be recorded and posted on the President's [website](#) for those who cannot attend. Comments are welcome and can be submitted [online](#) after the presentation.

Jeremy Chubbuck named 2018 Outstanding Professional Employee

13 Mar 2018



[caption id="attachment_59610" align="alignright" width="223"] Jeremy Chubbuck[/caption] Jeremy Chubbuck, associate executive director of facilities management for maintenance and operations, has been named the 2018 Outstanding Professional Employee by the University of Maine Professional Employees Advisory Council (PEAC). The award is based on a professional employee's demonstrated dedication to serving others and creating a better campus environment; the highest level of professional services and standards; and community engagement on and off campus. Award winners receive \$1,000 in recognition of their contributions, and are honored at the Employee Recognition and Awards Luncheon, this year being held at 11 a.m. April 2 in Wells Conference Center. Chubbuck, a UMaine alumnus, has been a member of UMaine's professional staff since 2008. As associate executive director of facilities management, he is responsible for the maintenance and operations activities of campus buildings, grounds and infrastructure. He oversees a staff of approximately 200 full-time employees and upward of 60 students, depending on the time of the year. In his multiple letters of support for the award, Chubbuck was cited for his leadership, work ethic, professionalism, conscientiousness and dedication to the UMaine community. He also shares his expertise as a member of many campus committees, including UMaine's emergency operations center, Commencement committee and snow team. Chubbuck is recognized for the leadership and support he provides to his facilities management team members, and his commitment to the health and safety of visitors and members of the UMaine community. "He never makes a decision or recommendation without first thinking of the students, staff and visitors to UMaine," noted a colleague. The appearance and functionality of the state's largest campus and Maine's research university are due to Chubbuck and the Office of Facilities Management teams. That includes the logistics of events that attract thousands — from prospective student events and Maine Hello to Commencement ceremonies. Because of his experience, attention to detail and problem-solving skills, Chubbuck also is a resource for others on campuses in the University of Maine System. He also serves on the Orono Planning Board. "He's really here for all of us, and proves that every day through his public support of our departments or through the quiet actions he and his crew perform," said another colleague.

MastersinCommunications.com interviews Stormer

13 Mar 2018

MastersinCommunications.com published an interview with Nathan Stormer, chair of the Department of Communication and Journalism at the University of Maine. Stormer spoke about UMaine's master of arts in communication and mass communication program.

BDN cites Crandall in blog post on LePage's take on Maine forest industry jobs

13 Mar 2018

The [Bangor Daily News](#) cited a 2016 study conducted by Mindy Crandall, an assistant professor of forest landscape management at the University of Maine, in the “State & Capitol” blog post, “LePage’s bleak take on Maine forest industry jobs doesn’t add up.” At a recent meeting with U.S. Commerce Secretary Wilbur Ross, Gov. Paul LePage was cited as saying Maine has 500 people “going on the unemployment rolls each week” due to tariffs and the exchange rate, according to the article. But Maine only has about 4,000 loggers and industry watchers say they don’t know how the governor got his figures, the article states. A 2016 study for the Professional Logging Contractors of Maine said the state had 4,600 logging jobs in 2014 and state data says logging jobs have decreased slightly since recovering from the recession. Crandall, who co-authored the study, said the state has lost logging jobs during the past four years, but it’s “pretty hard to disentangle all of the effects” and that mill closures may be a likely culprit.

WABI reports on education program for female inmates

13 Mar 2018

[WABI](#) (Channel 5) reported on an education program for women inmates at Penobscot County Jail. The program is offered by Literacy Volunteers of Bangor, Riverside Adult Education, and the University of Maine’s College of Education and Human Development. The “What Now? What’s Next?” program helps women get their high school diploma or transition to college, provides essential interview and work-ready training, and offers courses on family literacy and writing, according to the report. The collaborative program began 14 months ago and has assisted 70 women, the report states.

UMaine Extension bulletin touts using smartphone to enhance farm business

15 Mar 2018

University of Maine Cooperative Extension has a new [bulletin](#) on how a smartphone can serve as a business tool for farmers. The publication includes topics such as ways to market farm products, manage finances, improve efficiencies and access needed information on demand. “Using Your Smartphone to Enhance Your Farm Business in Maine” was developed by Tori Jackson, a UMaine Extension associate professor of agriculture and natural resources. For more information, to order bulletins for \$0.50 each or to download a free copy, visit the [Cooperative Extension Publications Catalog](#) or contact 581.3792, extension.orders@maine.edu.

Jenkins named interim chief of staff

15 Mar 2018



[caption id="attachment_59646" align="alignright" width="223"] Kim-Marie Jenkins[/caption] Kim-Marie Jenkins, senior partner for organizational effectiveness for the University of Maine and the

University of Maine System, will join the UMaine President's Office as interim chief of staff, effective March 16. Former chief of staff Jim Settele was named interim director of athletics March 12. Jenkins has worked in the UMS Office of Organizational Effectiveness since 2013, helping individuals and groups improve organizational systems, culture and team dynamics. Her 20 years in higher education began in academic advising and residence life at the University of Southern Maine, where she has been an assistant dean and had roles in student affairs and academic affairs. She also mentored faculty and developed curricula at Bedford College in Bedfordshire, England. Jenkins will receive an Ed.D. in organizational leadership and communication from Northeastern University in June 2018.

Morning Ag Clips advances workshop on keeping small ruminants healthy

15 Mar 2018

[Morning Ag Clips](#) published a University of Maine Cooperative Extension news release about an April 14 workshop that will focus on keeping sheep, goats, alpacas and other small ruminants healthy. The workshop will be held 1–3 p.m. at the Foxcroft Veterinary Clinic in Dover-Foxcroft. Sponsored by UMaine Extension, topics will include what is considered normal for specific animals, including nutrition, vaccination schedules, deworming, foot care and basic veterinary care. Dr. Catarina Ruksznis, a large-animal veterinarian in Vermont, will lead the workshop. Live demonstrations will be held in the barn. The workshop is free; online registration is requested.

Press Herald publishes op-ed on free speech by Reisman

15 Mar 2018

The [Portland Press Herald](#) published the opinion piece, “What about free speech? Or, how I got banned by the Portland Press Herald,” by Jon Reisman, an associate professor of economics and public policy at the University of Maine at Machias.

Maine Edge interviews Maine Science Festival director ahead of event

15 Mar 2018

[The Maine Edge](#) published an interview with Kate Dickerson, director of the Maine Science Festival, ahead of the fourth annual event that will be held throughout downtown Bangor and Orono March 15–18. The University of Maine is one of the major event sponsors. Several members of the UMaine community will lead workshops and participate in the program that draws science, innovation and creative achievement enthusiasts of all ages. In the interview, Dickerson mentioned the University of Maine Museum of Art when speaking about the value of arts to the sciences. “As we planned the MSF, we realized that it was just as critical to have the arts as part of the festival, and I’m deeply proud that we’ve had arts organizations as part of the MSF from the beginning, including the Penobscot Theatre Company, Bangor Symphony Orchestra and the University of Maine Museum of Art. The value of arts to the sciences — and vice versa — cannot be overstated, and it’s been a joy to have them all as part of the MSF.”

Piscataquis Observer reports on GrowME agricultural program

15 Mar 2018

[The Piscataquis Observer](#) reported about 700 elementary students in Piscataquis County will complete an assortment of agricultural projects as part of the GrowME program. The initiative is a collaboration among the Valley Grange, University of Maine Cooperative Extension in Piscataquis County, and Piscataquis County Soil and Water Conservation District, according to the article. Walter Boomsma, program director for Valley Grange in Guilford and coordinator of GrowME, said that by the end of this year’s program in early April, volunteers will likely have visited nearly 40 classrooms in the area. This is the sixth year of the program, and Boomsma said he thinks the continued success is driven by the goal the collaborators set from the beginning. “We established that our mission was to build a truly local program of agriculturally themed activities for kids led by local volunteers with the goal of increasing agricultural literacy and making it fun,” he said. “The kids enjoy themselves and sometimes do not even realize how much they are learning.”

BDN speaks with Moran for article on pruning fruit trees

15 Mar 2018

Renae Moran, a tree fruit specialist with the University of Maine Cooperative Extension and an associate professor of pomology for UMaine's School of Food and Agriculture, spoke with the [Bangor Daily News](#) for an article about pruning fruit trees. "This is the time of year when the temperature starts to warm up and there's less danger of interfering with the natural hardiness when you prune," said Moran, who works at UMaine's Highmoor Farm in Monmouth. "For apples and pears, you want to be done pruning by the time the trees start to break [bud or grow], which is the end of April, and that's because as it warms up, there's a disease that starts to build up and that's called fire blight," she said. The opposite is the case for stone-fruit trees, such as peach and cherry trees, Moran said, adding it's best to prune stone-fruit trees after they start to grow. "These are just guidelines," Moran stressed. "It's still better to prune the trees than not. Pruning is one of the best things you can do for fruit trees." More information is on the UMaine Extension website in the section "[Growing Fruit Trees in Maine](#)," which Moran co-authored with Glen Koehler, UMaine associate scientist specializing in integrated pest management, the article states. In addition, several fruit tree pruning workshops are held throughout the state by the University of Maine and the Maine Organic Farmers and Gardeners Association, the BDN reported.

New checklist features 270 species of native bees in Maine

15 Mar 2018

The first checklist of bees in Maine, compiled using wild blueberry research records from the 1800s to present, as well as private and public collections, and citizen science observations, has documented a total of 278 species — all but eight of which are native, according to a scientific team led by University of Maine bee and pollination experts. The new inventory of Maine bees is designed to serve as a baseline for measuring the effects of anticipated climate and habitat changes on native and exotic bee populations in coming decades, according to UMaine conservation biologist Alison Dibble, and entomologists Frank Drummond and Constance Stubbs, who led the research team. The 278 bee species reflect 37 genera and six families. The largest genera are the sand bees, *Andrena*, and the sweat bees, *Lasioglossum*, each with more than 50 species. The hope is that bees associated with other crops — including apple, highbush blueberry, cranberry, squashes and pumpkins — can be studied and added to the checklist, note the researchers — Dibble, Drummond, Stubbs, Michael Veit and John Ascher — who published their [findings](#) in the journal *Northeastern Naturalist*. "Back in the 1990s, we were surprised when we reached 100 native bee species in our effort to develop this checklist," Dibble says. "Now we have documented 270 native species for Maine. There are surely more to be found, and we know very little about the biology of most of these species, or whether they are in decline. Homeowners can help by not using pesticides, and by mowing less frequently so that flowers, which are bee food, are available through the entire growing season." A foundation for the inventory comes from decades of UMaine research of lowbush blueberry pollinators in the state. That includes three long-term studies of native bees in commercial wild blueberry barrens, published for the first time in the same issue of *Northeastern Naturalist*. The earliest scientific studies of Maine bees include reports of entomological collecting trips beginning in 1861. Other sources of information for the checklist include taxonomic catalogs, and specimens in collections in the northeastern United States, such as the American Museum of Natural History, the Peabody Museum of Natural History, university collections at UMaine and Cornell University, and private collections. Specimen identification by expert bee taxonomists was crucial to development of the checklist, as many obscure microscopic features had to be considered and new species are still being described. Ascher, a world bee expert formerly of the American Museum of Natural History in New York and now at the National University of Singapore, reviewed the majority of specimens, identified many of the more recent collections, and led the thorough literature search. The researchers note that not enough is yet known regarding relative rarity of Maine bee species, but 21 species are considered unusual, including three first recorded in Maine as recently as 2016 (*Epeoloides pilosulus*, *Melitta melittoides* and *Holcopasites calliopsidis*). The checklist is considered preliminary in that bee sampling efforts through the years have been higher in certain counties. While all of Maine's 16 counties have bees on the checklist, five have more than 100 species: Hancock County (197 confirmed species), Penobscot County (181), Washington County (162), York County (104), and Lincoln County (102). Other counties require more research for additional bee species to found. Contact: Alison Dibble, 207.359.4659, adibble2@gmail.com; Frank

Drummond, 207.581.2989, fdrummond@maine.edu

Comins cited in BDN editorial on Stephen Hawking

15 Mar 2018

The [Bangor Daily News](#) cited Neil Comins, a professor of physics and astronomy at the University of Maine, in the editorial, “Stephen Hawking’s sage advice on life, love and black holes.” Hawking, a theoretical physicist, died March 14 at the age of 76. Hawking’s unexpected findings about black holes intrigued people outside the scientific community, according to Comins, who gave the first presentation of his findings during his Ph.D. studies to Hawking and his team in the 1970s. Comins, who has published several books, said he learned from Hawking’s popular book, “A Brief History of Time,” to make scientific concepts more understandable and approachable in his own writing.

Town Hall for Research and Graduate Studies slated for April 9

16 Mar 2018

A Town Hall for Research and Graduate Studies will be held 3:30–5 p.m. Monday, April 9 in Room 2 at Wells Conference Center. Topics will include: an update on initiatives; Office of the Vice President for Research and Dean of the Graduate School Office Reorganization/Optimization; as well as responses to questions and discussion of submitted topics. Anyone with specific questions or topics they’d like covered are invited to [submit](#) them by Friday, March 30.

Hutchinson Center to host Belfast Regional Job Fair on March 20

16 Mar 2018

Nearly 60 area businesses will be represented at the Belfast Regional Job Fair from 9 a.m.–2 p.m. March 20 at the Hutchinson Center in Belfast. In addition, the Belfast Area Chamber of Commerce will be representing several smaller businesses looking to fill positions. Resource providers attending include the Belfast Creative Coalition, the Maine Department of Labor at the Rockland CareerCenter, Workforce Solutions, and several area realty agencies. The Belfast Regional Job Fair is a collaboration of the city of Belfast, Belfast Area Chamber of Commerce, Belfast Creative Coalition, Maine Department of Labor at the Rockland CareerCenter, Our Town Belfast, the Hutchinson Center and Workforce Solutions. The 2018 Belfast Regional Job Fair is free. Registration is not required, but those attending are encouraged to RSVP via [Facebook](#) at 2018 Belfast Regional Job Fair.

Pen Bay Pilot advances May professional development program

16 Mar 2018

The [Penobscot Bay Pilot](#) advanced the two-day professional development program, Beginning the Journey of Courageous Communication: Integrating nonviolent communication and interpersonal neurobiology, slated for May 17–18 at the University of Maine Hutchinson Center in Belfast. For more information, to register or to request an accommodation or scholarship application, contact Diana McSorley, 338.8093, diana.mcsorley@maine.edu.

Cape Cod Times announces Morells to receive Bernard Lown ’42 Alumni Humanitarian Award

16 Mar 2018

The [Cape Cod Times](#) announced Allen and Patricia Morell of Centerville, Massachusetts will receive the Bernard Lown ’42 Alumni Humanitarian Award from the University of Maine Alumni Association for their lifetime of service to others. The couple, both 1973 graduates, have devoted themselves to improving the lives of impoverished children at the Child Rescue Centre, a residential home for children without families to care for them after the civil war in Sierra Leone, according to the statement. Award recipients were selected through a formal nomination and review process conducted by a committee of alumni volunteers, according to the article. Recipients will be honored at the alumni association’s inaugural alumni achievement awards dinner and celebration April 26.

Houdlette awarded George J. Mitchell Peace Scholarship, reports KJ

16 Mar 2018

The [Kennebec Journal](#) ran a University of Maine media release announcing junior Taylor Michele Houdlette was awarded the George J. Mitchell Peace Scholarship. The junior English major from Dresden will study abroad in Ireland during the 2018 fall semester as part of the student exchange program. The competitive merit-based scholarship honors the 1998 Northern Ireland peace accord brokered by Sen. Mitchell between Ireland and the United Kingdom. Houdlette was salutatorian of Richmond High School's class of 2016.

BOT expected to authorize negotiations with recommended UMaine presidential candidate, media report

16 Mar 2018

The [Bangor Daily News](#) and the Associated Press reported that University of Maine System Chancellor James Page is expected to make his recommendation for the next president of the University of Maine in an executive session Monday. The Board of Trustees of the University of Maine System will be meeting at the University of Southern Maine. The choice will be announced after a contract has been signed, according to the articles. [Maine Public](#) and [U.S. News & World Report](#) carried the AP article.

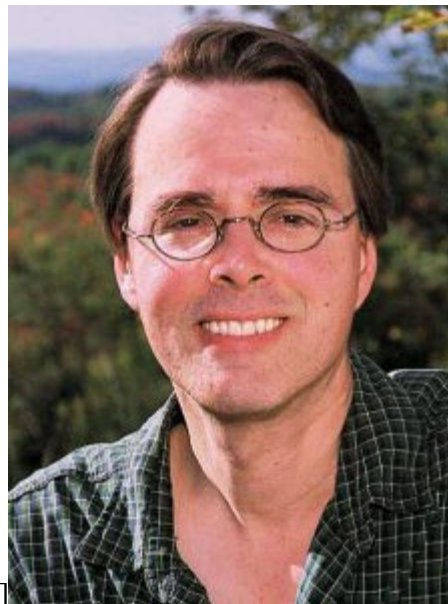
Townsend leading research as part of NOAA Ocean Acidification Program

16 Mar 2018

Research led by University of Maine Professor of Oceanography David Townsend is part of NOAA's newly announced Ocean Acidification Program. Townsend is working in collaboration with UMaine School of Marine Sciences researchers Larry Mayer, Aaron Strong and Damian Brady; Joe Salisbury of the University of New Hampshire; and colleagues from Friends of Casco Bay, Northeast Regional Association for Coastal and Ocean Observing Systems and other organizations. The research team will compile and analyze decades of water quality data to understand long-term trends and identify the causes of the Gulf of Maine's very low alkalinity — low buffering capacity — that makes it more vulnerable to acidification. "Understanding the drivers of acidification in this area is a crucial first step toward understanding the region's vulnerability, and helping local fishermen and shellfish hatcheries develop adaptation strategies," says Townsend, who will work with his collaborators to build a database of ocean chemistry and related information dating back to the 1980s. The Gulf of Maine has the lowest alkalinity of any Atlantic coastal region between Mexico and Canada. This results from natural processes that are not yet fully understood, Townsend says. "What it means," he says, "is that we are on the edge, in a sense, such that any increase in acidity from, for example, freshwater additions (fresh water is naturally acidic), or natural respiratory processes, will have an exacerbated effect (more easily lower the pH)." New England's coastal zone supports valuable wild harvest shellfisheries and aquaculture production. The area is not only among those most vulnerable to ocean acidification, but is vital to New England's economy. The goal is to help New England's vulnerable coastal communities and industries create more targeted and efficient approaches to adapt to this sea change. More information about the NOAA Ocean Acidification Program coast to coast is [online](#). More information about acidification research led by Townsend and others in the Northeast also is [online](#). Contact: Margaret Nagle, 207.581.3745

Science writer who challenges preconceptions of the Americas to deliver March 27 lecture

19 Mar 2018



[caption id="attachment_59675" align="alignright" width="223"] Charles C. Mann[/caption] Charles C. Mann describes the amazing Aztec capital of Tenochtitlan with running water and clean streets, as well as Mexican societies cultivating maize and American Indians shaping the world in which they lived. All before Christopher Columbus landed in the Americas. The science journalist and best-selling author will deliver a free, public lecture at 7 p.m. March 27 in Hutchins Concert Hall at the Collins Center for the Arts at the University of Maine. Mann's "1491: New Revelations of the Americas Before Columbus" won the U.S. National Academy of Sciences' Keck Award for the best book of the year. That book, as well as "1493: Uncovering the New World Columbus Created," have been described as groundbreaking works of science, archeology and history. His lecture is titled "1492: The New World Columbus Created." Dan Sandweiss, director of the UMaine School of Policy and International Affairs, says Mann is one of the leading journalists writing about archaeology and related topics. "His books '1491' and '1493' are important syntheses that called attention to how people interacted with their environment before and after the arrival of Europeans in the New World, placing people in a more nuanced and realistic ecological setting and showing how far pre-Columbian peoples had advanced," says Sandweiss, who also is a professor of anthropology and quaternary and climate studies. Mann, a graduate of Amherst College, is a correspondent for The Atlantic, Science, and Wired and has written for Fortune, The New York Times and Smithsonian. His books, including his most recent "The Wizard and the Prophet," will be available for sale and autographing following the lecture. For more information, or to request a disability accommodation, call 581.1226.

UMaine research cited in Press Herald article on Energy Saver Award winner

19 Mar 2018

Research conducted by the University of Maine was cited in a [Portland Press Herald](#) article about the paper's Energy Saver Award winner, WindowDressers. Every year, the paper's [Source Awards](#) honor a handful of accomplished Maine residents, organizations and businesses working in the arena of sustainability. The Rockland-based nonprofit helps Mainers build low-cost, window-insulating inserts for their homes, which, in turn, reduce fuel bills and carbon dioxide emissions, according to the article. In 2017, more than 2,000 volunteers at 27 community workshops built 6,214 inserts, the article states. Based on research done by UMaine, those inserts saved 880,000 gallons of heating fuel and more than \$2.2 million in fuel costs, the Press Herald reported.

Media advance Belfast Regional Job Fair at Hutchinson Center

19 Mar 2018

[WVII](#) (Channel 7), [WABI](#) (Channel 5) and [The Free Press](#) previewed the Belfast Regional Job Fair. Nearly 60 area businesses will be represented at the fair scheduled for 9 a.m.–2 p.m. March 20 at the University of Maine Hutchinson Center in Belfast. In addition, the Belfast Area Chamber of Commerce will be representing several smaller businesses looking to fill positions. The free Belfast Regional Job Fair is a collaboration of the city of Belfast, Belfast Area

Chamber of Commerce, Belfast Creative Coalition, Maine Department of Labor at the Rockland CareerCenter, Our Town Belfast, the Hutchinson Center and Workforce Solutions. Registration is not required, but those attending are encouraged to RSVP via Facebook at 2018 Belfast Regional Job Fair.

UMaine student claims fourth collegiate wrestling title, Press Herald reports

19 Mar 2018

The [Portland Press Herald](#) reported University of Maine nursing student Samantha Frank finished her college wrestling career with her fourth straight women's 101-pound title at the National Collegiate Wrestling Association (NCWA) championships in Allen, Texas. "As soon as I won the first year, it was a goal of mine to win all four years," said Frank, of Windham. "That was the pressure, to stay the best and be the best." Frank finished her college career with a 44–0 record and is the second woman to win four NCWA titles, according to the article. She was named the Most Outstanding Wrestler of the women's tournament for the fourth straight year — a first for any NCWA wrestler, man or woman, the article states. [News Center Maine](#) also reported on Frank.

AP quotes Brewer in article on cost of lawsuits

19 Mar 2018

The Associated Press spoke with Mark Brewer, a political science professor at the University of Maine, for a report about the costs of lawsuits involving Gov. Paul LePage. Lawsuits in which LePage hired outside legal representation have cost the state at least \$110,000 since last fall, raising the total expenditures to at least half a million dollars over the past four years, according to a review by the AP. LePage sued Democratic Attorney General Janet Mills for joining a legal effort in support of protections for young immigrants facing deportation. He also is suing her for refusing to provide him with public records concerning Mills' opposition of immigration bans imposed by President Trump, according to the article. Maine's attorney general is the only one in the country to be appointed by the Legislature, so Mills doesn't answer to the executive branch, the article states. Throw on top of that strong personalities and partisanship, and there's a recipe for clashes, said Brewer. "We know that Paul LePage has an outsized kind of personality. He's combative. He's a scrapper. He's certainly not going to back down from a confrontation. And Janet Mills has an independent, combative streak of her own, so she sort of enjoys going up against the governor," he said. San Francisco Chronicle, [Boston.com](#), [Portland Press Herald](#) and [WGME](#) (Channel 13 in Portland) carried the AP report.

WVII reports on internship connecting college students, growing companies

19 Mar 2018

[WVII](#) (Channel 7) reported the Foster Center for Student Innovation at the University of Maine is seeking college students and growing companies for its Innovate for Maine internship program. The program aims to grow and create jobs in Maine, staff told WVII. "Our goal is to show students that there are a lot of incredible opportunities here in this state to do something meaningful and make a great life, and to show companies that these Maine college students are really coming out work ready," said Angela McCue, Innovation Engineering outreach manager at the Foster Center. "They're ready to join the workforce and they have the hard skills and the soft skills to do that." The deadline for students and businesses to apply is March 23. More information, including applications, is [online](#).

Hutchinson named Source Trailblazer Award winner by Press Herald

19 Mar 2018

Mark Hutchinson, a University of Maine Cooperative Extension professor, and Ryan Fries, captain of the Maine State Prison, were awarded the 2018 Source Trailblazer Award by the [Portland Press Herald](#). Every year, the paper's [Source Awards](#) honor a handful of accomplished Maine residents, organizations and businesses working in the arena of sustainability. Through a new initiative at the Maine State Prison, overseen by Capt. Fries and Hutchinson, inmates compost, recycle, grow vegetables and manage beehives. The programs have saved the prison money, given the inmates

job training, and helped them cope with past traumas as well as the restrictions of prison life, according to the article. Three months ago, the prison also launched Master Gardener training taught by Hutchinson and his UMaine Extension colleagues. Each inmate who goes through the 80-hour training will become a certified master gardener and must donate 40 hours of work producing vegetables for the midcoast community, the article states. “It gives them a reason to get out of bed in the morning, and it gives them something to look forward to in the day,” Hutchinson said. “Anytime you get your hands in the dirt and work in the soil, I think that’s therapeutic environment for them to be in.” [Waste360](#) also reported on the prison's sustainability efforts and cited the Press Herald article.

University of Maine Foundation announces largest capital gift in UMaine history

19 Mar 2018

An anonymous gift of \$10 million from the family of a University of Maine engineering graduate has been committed to help construct UMaine’s Engineering Education and Design Center, according to UMaine President Susan J. Hunter and University of Maine Foundation President Jeffery N. Mills. This is the single largest capital gift in UMaine history, bringing UMaine’s Vision for Tomorrow campaign to over \$148 million of the \$200 million goal, Mills says. “This investment builds on the remarkable growth and success of UMaine engineering, one of our seven Signature Areas of Excellence,” Hunter says. “We’ve seen a 70 percent growth in undergraduate enrollment in the College of Engineering since 2001. The Engineering Education and Design Center will help the College of Engineering expand its capacity to help meet student demand and Maine’s need for engineers. “In addition to thanking our anonymous donors, we also thank the State Legislature and Governor LePage for investing \$50 million toward the construction of this much-needed facility,” Hunter says. In December 2017, the team of WBRC Architects Engineers, based in Bangor, and Ellenzweig of Boston was selected to design the new Engineering Education and Design Center (EEDC) at the University of Maine, proposed to be up to \$80 million. On March 5, 2018, the University of Maine System Board of Trustees approved acceptance of the \$10 million gift, which includes a naming option. Approval by the UMS Board of Trustees of the full design and cost estimate of the Engineering Education and Design Center is planned by fall 2019, with groundbreaking anticipated in spring 2020 and completion by fall 2022. The donors wish to remain anonymous at this time, preferring to focus attention on the critical need to build an interdisciplinary academic environment to help educate engineers who will be prepared to innovate solutions to the world’s most complex problems. “The University of Maine College of Engineering produces two things: graduates who are ready to work and contribute to Maine’s economy, and new ideas and technologies needed to move Maine’s economy forward,” says Dana Humphrey, dean of the College of Engineering. “We are truly grateful to the anonymous donors, as well as for the College of Engineering’s Advisory Board, alumni and friends who have advocated for, and who are generously investing in, this facility and our students.” UMaine has up to a 99 percent placement rate for engineering graduates in careers or graduate school. The demand for engineers is illustrated by the 1,450 job postings for engineers in Maine from June 1, 2015 to May 31, 2016. The center’s new laboratories and classrooms will focus on team-based, hands-on experience to prepare graduates for engineering careers. The additional space will support modern, interdisciplinary approaches to teaching, and room for groups to work on senior capstone projects. President Hunter has made the planned Engineering Education and Design Center her highest capital priority for UMaine’s Vision for Tomorrow Campaign. Members of the College of Engineering Dean’s Advisory Board, alumni, friends and corporate donors have collectively contributed an additional \$1 million in gifts and pledges toward the construction of this facility to date. Up to \$19 million remains to be raised toward EEDC construction. For more information about giving to the University of Maine, contact the University of Maine Foundation, 207.581.5100. Contact: Margaret Nagle, 207.581.3745

Proposals sought for SEANET research mini-grants

20 Mar 2018

The Sustainable Ecological Aquaculture Network (SEANET) program invites proposals for research mini-grants that will result in projects that create industry/academic partnerships and contribute to the performance metrics of the SEANET/EPSCoR program and the National Science Foundation. Proposals may be submitted by principal investigators from academic institutions, governmental agencies, aquaculture-related industries or nonprofit research institutions. It is expected that the collaborators will work together to identify a research problem driven by policy or industry needs. Priority will be given to projects that directly relate to aquaculture in Washington County and, ideally,

coordinate with SEANET's 2018 buoy deployment in Machias and Cobscook bays. Example topics include aquaculture siting for sea vegetable species Down East, ocean acidification effects on soft-shell clam seeding in the intertidal, and Down East aquaculture coops models. Other aquaculture-related research will be considered. Applicants should discuss their idea with Deborah Bouchard, the SEANET research director, or Meggan Dwyer, research coordinator. More information, including an application, is [online](#).

Jerome Herrick named 2018 Outstanding Classified Employee

20 Mar 2018



[caption id="attachment_59709" align="alignright" width="223"] Jerome Herrick[/caption] Jerome Herrick, a facilities maintenance worker CL1, has been named the 2018 Outstanding Classified Employee by the University of Maine Classified Employees Advisory Council (CEAC). The award recognizes classified employees' exceptional service and dedication to UMaine, increasing the campus community's awareness of the indispensable contributions that represented and nonrepresented classified employees make to the quality, diversity and overall mission of the university. Award winners receive \$1,000 in recognition of their contributions, and are honored at the Employee Recognition and Awards Luncheon, this year being held at 11 a.m. April 2 in Wells Conference Center. Herrick first joined the UMaine community in 1997, working for Auxiliary Services. He joined the Facilities Management team in 2005, and has worked for 12 years in Hitchner Hall. The multiple faculty of Hitchner Hall who wrote letters of support for his award nomination cite his attention to detail in maintaining the many laboratories, offices and other spaces in the building, as well as his friendliness and caring. He is described as a "first-rate colleague" who is considerate, has a warm sense of humor and is always willing to help faculty, staff and students. He also is committed to creating a safe work environment for all occupants in Hitchner Hall. As one colleague noted, Herrick "truly elevates UMaine via both his custodial work and his professional, kind and friendly manner." Another noted that he demonstrates the highest level of service and "has made himself an important partner in the success of our teaching and research missions."

College of Education and Human Development ranked among top grad schools

20 Mar 2018

The University of Maine College of Education and Human Development offers one of the top graduate programs for education in the country, according to the latest rankings by [U.S. News & World Report](#). UMaine is ranked 75th on the annual list, released March 20. That's up 26 spots from last year. In addition, the College of Education and Human Development's overall score — the basis for the rankings — improved from 40 a year ago to 49 this year. The scores are based on a variety of factors, ranging from peer and educational professional assessments, to acceptance rates, to faculty awards and research activity. The College of Education and Human Development offers degrees at the master's, certificate of advanced study and doctoral levels, as well as a variety of graduate certificates. In addition to being ranked

among the top graduate schools for education, the college this year made U.S. News & World Report's annual list of best online graduate programs.

Republican Journal advances 'Becoming an Outdoors-Woman' workshop

20 Mar 2018

[The Republican Journal](#) reported the "Becoming an Outdoors-Woman" spring workshop will be held May 20 at the University of Maine 4-H Camp and Learning Center at Bryant Pond. The program, which is sponsored by the Maine Department of Inland Fisheries and Wildlife and hosted by the 4-H camp, provides an opportunity for women to gain or improve skills in hunting, fishing and outdoor recreation, according to the article. Participants select three sessions to complete for the day on topics ranging from hiking and fly tying, to wild-game cooking and shooting sports. The cost to attend is \$85 and includes lunch and instruction, gear and equipment, the article states. Registration is [online](#).

UMM one of four campuses to benefit from full scholarships, media report

20 Mar 2018

[Mainebiz](#), [WVII](#) (Channel 7) and [WABI](#) (Channel 5) reported that the Promise Initiative announced last October has already produced 300 financial aid awards that would completely cover the cost of tuition and standard fees for Maine students attending four University of Maine System institutions in fall 2018. Presidents of the campuses in Augusta, Fort Kent, Machias and Presque Isle made the announcement at a UMS board of trustees meeting in Portland, [Mainebiz](#) reported. The campus leaders informed the board that their admissions and financial aid teams are still accepting applications for admissions and aid with the hope of putting even more Maine students on an affordable path to a college degree and a Maine career, the article states. Originally brought forward by the leadership team at the University of Maine at Presque Isle, the initiative seeks to build on the enrollment growth system campuses have already achieved in Orono, Farmington, and at the University of Southern Maine, [Mainebiz](#) reported.

WABI previews free workshops to build solar cellphone charger

20 Mar 2018

Alicia Oberholzer, of the University of Maine Office of Sustainability, visited the studio of [WABI](#) (Channel 5) to speak about free workshops where participants can build their own solar cellphone charger. The workshops will be held 5–8 p.m. March 22 and 28 in the Texas Instruments Analog Circuits Laboratory in Barrows Hall. The office has enough supplies for 20 participants each night, and currently there is a wait list to attend, [WABI](#) reported.

UMaine gets \$10M gift for engineering building, media report

20 Mar 2018

The Associated Press, [Bangor Daily News](#), [Portland Press Herald](#), Maine Public, [Mainebiz](#), [WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported the University of Maine has received a \$10 million gift from an anonymous donor to help build its engineering education and design center. The gift is the largest single nonstate donation in the university's history, the BDN reported. UMaine is in the midst of a lofty fundraising campaign, Vision for Tomorrow, with a goal of \$200 million. The donation brings that amount over \$148 million, the BDN article states. The engineering center is the top priority of that campaign, according to UMaine's president. "This investment builds on the remarkable growth and success of UMaine engineering," President Susan J. Hunter said. "The engineering education and design center [EEDC] will help the College of Engineering expand its capacity to help meet student demand and Maine's need for engineers," Hunter added. Since 2001, the undergraduate engineering program has had 70 percent growth in enrollment. Dana Humphrey, dean of the College of Engineering at UMaine, told Maine Public the facility will be the center for the college's undergraduate engineering education programs. He said the new building will allow students to be educated for the modern world and allow collaborative learning. [U.S. News & World Report](#), [The Seattle Times](#) and [National Post](#) carried the AP article.

Twenty-one UMaine faculty members receive tenure and/or promotion

20 Mar 2018

Twenty-one University of Maine faculty have received tenure and/or promotion. The faculty members were nominated by UMaine President Susan J. Hunter based on a peer and administrative review of their successful teaching, research and public service, and approved by the University of Maine System Board of Trustees. “UMaine’s world-class faculty are at the heart of the success and greatness of Maine’s public research university,” Hunter says. “They are key to the UMaine student experience and the fulfillment of the university’s mission. Their significant nationally and internationally recognized contributions in teaching, research, scholarship and community engagement make a difference throughout Maine and beyond. Our annual tenure and promotion provides an opportunity to recognize the depth and breadth of the excellence of the UMaine faculty.” **Promoted to professor** *College of Liberal Arts and Sciences*

- Alice Bruce, Chemistry
- Nicholas Giudice, Computing and Information Science
- Kirsten Jacobson, Philosophy

College of Natural Sciences, Forestry, and Agriculture

- Christopher Gerbi, Earth and Climate Sciences
- Nancy Hall, Communication Sciences and Disorders
- Aaron Weiskittel, Forest Biometrics and Modeling

Promoted to Extension professor *Cooperative Extension*

- Esperanza Stancioff, Cooperative Extension

Promoted to associate research professor *College of Natural Sciences, Forestry, and Agriculture*

- Yousoo Han, Forest Resources

Promoted to associate professor with tenure *College of Engineering*

- Vincent Weaver, Electrical and Computer Engineering
- Xudong Zheng, Mechanical Engineering

Maine Business School

- Sebastian Lobe, Finance

College of Liberal Arts and Sciences

- Cynthia Isenhour, Anthropology and Climate Change
- Gregory Ondo, Art
- Micah Pawling, History and Native American Studies
- Laura Rickard, Communication and Journalism

College of Natural Sciences, Forestry, and Agriculture

- Timothy Bowden, Aquaculture
- Jianjun Hao, Applied Plant and Pathology
- Sharon Klein, Economics
- Balunkeswar Nayak, Food Science
- Mary Shea, Nursing

Granted tenure at current rank of associate professor *College of Engineering*

- Wilhelm Alexander Friess, Mechanical Engineering

Contact: Margaret Nagle, 207.581.3745

Social media spotlight: Jessica Cunney

20 Mar 2018

Hometown: Brewer, Maine She studies music education and performance. I love music, I always have. I think being in bands helped me to be able to talk with people after I was homeschooled. I want to pass that passion and encouragement to others and watch them grow as people. I like to go out with friends, go to the gym and play video games, and I work as part of the tech crew at the Collins Center for the Arts. I love UMaine because it feels like home. The faculty and staff are super supportive and want students to succeed. There's so much to do on campus — free skate, rock climb, see movies, walk on the trails. And there's still so much that I want to do here before I graduate. See posts featuring Cunney on UMaine's [Facebook](#) and [Instagram](#) pages.

Find an environmentally friendly career at the Green Jobs Forum

21 Mar 2018

Are you interested in installing solar swimming pool heaters? How about working in a yarn shop that supports sustainable fiber farming? People considering a career, internship or volunteer opportunities in the environmental sector are invited to the Green Jobs Forum from noon to 3 p.m. Saturday, April 14 at the Bangor Public Library. Several businesses will be present, including Insource Renewables, Maine Energy Marketers, and One Lupine Fiber Arts. Some employers have positions that do not require a college degree. The forum is offered by the University of Maine Office of Sustainability and University of Maine Augusta-Bangor Office of Student Life. Locally sourced refreshments will be provided. For more information, email Alicia Oberholzer at alicia.oberholzer@maine.edu.

Kates to present 'Truth, Healing and Change in the Land of the Dawn' March 27

21 Mar 2018

Barbara Kates, a community organizer for Maine-Wabanaki REACH, will speak March 27 at the University of Maine. Kates' presentation, "Truth, Healing and Change in the Land of the Dawn," will be held 4–6 p.m. in the Coe Room of the Memorial Union. The discussion will include how to work toward change in the relationship between the Wabanaki people — the indigenous people of Maine — and those who came as immigrants or have immigrant heritage. Participants will have the opportunity to learn about the groundbreaking Maine-Wabanaki State Child Welfare Truth and Reconciliation Commission as a process of truth, healing and change. The event is free and open to the public and is offered as part of UMaine's [Diversity Week](#). Refreshments will be served. For more information, email Constant Albertson, constant@maine.edu or Barbara Blazej, blazej@maine.edu.

Student group leading Sustain Maine license plate campaign

21 Mar 2018

Maine Community Energy Advocates, a student-led organization, seeks to increase support for community-based sustainable energy and energy efficiency programs in the state by establishing a new specialty license plate. The project has been approved by the Maine Bureau of Motor Vehicles, and 2,000 pre-orders are needed to prove sufficient interest for the plates to go into production. More information about the Sustain Maine license plate is online or by contacting University of Maine student Garrett Raymond with Maine Community Energy Advocates, garrett.t.raymond@maine.edu.

WABI covers Belfast Regional Job Fair at Hutchinson Center

21 Mar 2018

[WABI](#) (Channel 5) reported on the Belfast Regional Job Fair at the University of Maine Hutchinson Center. Fifty-seven employers looking to hire workers at a variety of skill and experience levels were represented at the fair. The free Belfast Regional Job Fair is a collaboration involving the city of Belfast, Belfast Area Chamber of Commerce, Belfast Creative Coalition, Maine Department of Labor at the Rockland CareerCenter, Our Town Belfast, the Hutchinson Center and Workforce Solutions.

Republican Journal advances Signs of the Season workshop for children

21 Mar 2018

[The Republican Journal](#) reported Friends of Sears Island will host a spring phenology program for children age 6 to 12 on Sears Island. Elisabeth Maxwell, assistant coordinator for the Signs of the Seasons program, will lead the March 30 workshop designed to teach students what phenology means, how to recognize seasonal changes in their area, and how to identify species they observe in their backyards, according to the article. Signs of the Seasons relies on citizen scientists across Maine and New Hampshire to contribute valuable data about phenology to help researchers understand the local effects of global climate changes, the article states. Signs of the Seasons is offered by University of Maine Cooperative Extension and Maine Sea Grant.

Hopkins quoted in Morning Sentinel preview of Maine Maple Sunday

21 Mar 2018

Kathy Hopkins, a maple syrup expert with University of Maine Cooperative Extension, spoke with the [Morning Sentinel](#) for an article about the 35th annual Maine Maple Sunday on March 25. “It’s kind of turning into a tale of two seasons,” said Hopkins, who is based in Skowhegan. “From here south in the state, people have already made syrup. I talked to a couple this morning who said they’ve already made two-thirds of a crop, so that’s pretty good. When we got all that snow and the cold, cold weather, everything came to a stop, but today is just about perfect for the sap to run.” Ideal conditions for the sap to run, be collected and boiled down to make syrup happens when it’s below freezing at night and into the 40s during the day, according to the article. Sugarbushes north of Skowhegan in Somerset County have not really started to produce sap yet, said Hopkins, who joined Gov. Paul LePage to tap trees at the Blaine House. “I think Sunday will be great. It’s the 35th anniversary of Maine Maple Sunday, and I think a lot of sugar makers are planning a few extra events to commemorate that,” she said. “I think the next few days will be perfect, and I’m imagining that everybody will be boiling.”

Hartford Courant publishes op-ed by marine sciences student

21 Mar 2018

The [Hartford Courant](#) published the opinion piece, “Protector of whales, dolphins threatened,” by Quinn Carey, a University of Maine senior majoring in marine sciences.

Birkel, Climate Reanalyzer cited in BDN article on warming arctic fueling nor’easters

21 Mar 2018

The [Bangor Daily News](#) spoke with Sean Birkel, Maine’s state climatologist and a research assistant professor at the University of Maine’s Climate Change Institute, for an article about a new study that found recent nor’easters could have been fueled by warming temperatures in the Arctic. Birkel said while a scientific cause-and-effect between the warming Arctic and more frequent nor’easters has not been proven, data reported in the study suggests a correlation between the two. Birkel, who tracks weather patterns and forecasts at UMaine’s Climate Reanalyzer website, said there has been a correlation between warm spells in the Arctic and winter storms in Maine specifically, according to the article. Periods of unusual winter warmth occurred in the Arctic earlier this winter, too, at the same time that Maine was

gripped in a deep freeze in late December and early January, Birkel said. [Maine Public](#) carried the BDN report.

Annual conference to spotlight urgent sustainability issues in Maine, around world

21 Mar 2018

From sessions on religious and ethical respect for water resources, rivers and fish passage, to building resilience to sea level rise and citizen science, the [2018 Maine Sustainability & Water Conference](#) March 29 at the Augusta Civic Center will feature an expanded agenda on urgent topics affecting Maine, New England, the country and globe. The conference will include two concurrent sessions — a student poster session and a keynote talk. John Hagan, an ecologist and president of Manomet, a nonprofit based in Brunswick, Maine and Manomet, Massachusetts, will deliver the keynote talk, “The Science of When Science Doesn’t Matter (and What to do About it).” Hagan’s work is focused on building relationships with nonscientists who are in a position to put science to use, such as foresters, fishermen, business owners and institutional investors. Additional topics in the [concurrent sessions](#) include reconnecting with Maine’s waters through recreation; rivers that are rarely in the news, such as Mousam and Bagaduce; shallow groundwater as a water supply resource; and protecting waters in forest operations. The conference also features a poster competition with more than 40 high school, undergraduate and graduate students participating from around Maine. Presentations topics include arsenic in drinking water, marine debris and microplastics, solid waste disposal, Maine farm-to-institution food initiatives, decision-making about dams, ocean acidification in the Gulf of Maine, and water quality issues in Maine’s lakes and rivers. “The conference provides an extraordinary opportunity for people from across Maine to come together and learn from one another,” said David Hart, director of the Senator George J. Mitchell Center for Sustainability Solutions at the University of Maine, which hosts the conference. “By sharing success stories, preparing for new challenges, and showcasing the work of students on their way to becoming future leaders, the conference helps to build a brighter economic and environmental future for Maine communities.” Founded in 1994, the conference is the largest gathering in Maine focused on issues at the intersection of environmental, economic and community issues. The event draws presenters from universities, nongovernmental organizations, the private sector and government. For more information, contact David Sims at 207.581.3244, david.sims@maine.edu.

2018 UMaine Business Challenge finalists announced

22 Mar 2018

The UMaine Business Challenge presented by Business Lending Solutions, Maine’s largest college business plan competition, has announced this year’s finalists. The seven-year-old competition is open to student entrepreneurs from Maine colleges or universities with businesses headquartered, or soon to be headquartered, in the state. Vying for more than \$20,000 in cash and prizes, the students will present a pitch in front of a panel of judges at the University of Maine on March 31. This year’s finalists are all University of Maine students — Justin Gagnon, Nicholas Lajoie, Zachary Dalrymple, William “Patrick” Breeding and Stanley Small. Their business ideas range from dog nutrition to medical education devices, with others crossing into industries such as agriculture technology and outdoor recreation. The finalists have been assigned mentors and have two weeks to prepare for the live pitch. They will compete for a \$5,000 first-place prize provided by Business Lending Solutions, as well as a \$1,000 second-place prize from the Maine Business School. In addition, Business Lending Solutions will provide \$5,000 of in-kind services. A \$10,000 innovation prize from the Bruce Fournier Foundation also will be awarded. More about the UMaine Business Challenge presented by Business Lending Solutions is [online](#).

UMaine to celebrate Diversity Week with several events

22 Mar 2018

The University of Maine will celebrate Diversity Week with a series of events March 26–30. Highlights of Diversity Week include a public talk by politician Emily Cain on women who will run in 2018, panel discussions on feminism and the new immigrant experience, a lunch-and-learn on the misrepresentation of multicultural characters in film, diversity and inclusion training, an interactive immersion program called Tunnel of Oppression, and dinner and multifaith dialogue at the Wilson Center. Diversity Week at UMaine was founded in 2014 to raise awareness about

diversity and cultures, and to recognize the contributions of women, people of color, persons with disabilities, and the LGBTQ population. During the week, UMaine celebrates the differences that contribute to the campus community. A complete schedule is on the UMaine Office of Multicultural Student Life's [website](#) and [Facebook](#) page. For more information, contact David Patrick at david.g.patrick@maine.edu, 949.4397.

Cornell University professor to speak as part of 'Life of Ideas' series

22 Mar 2018

Enzo Traverso, the Susan and Barton Winokur Professor in the Humanities at Cornell University, will speak March 29 at the University of Maine. Traverso's talk, "Burdens of the Past: The Age of Left-Wing Melancholia," will begin at 4 p.m. in the Allen and Sally Fernald APPE space at the IMRC Center in Stewart Commons. Refreshments will be served. Traverso was born in Italy, studied history at the University of Genoa, and received his Ph.D. from the Ecole des Hautes Etudes en Sciences Sociales of Paris in 1989. He has taught political science in France and been visiting professor in several European and Latin American countries. In 2013 he became the Susan and Barton Winokur Professor in the Humanities at Cornell University. His publications, translated into a dozen languages, include "The Jews and Germany," "The Origins of Nazi Violence," "Fire and Blood: The European Civil War, 1914–1945" and "The End of Jewish Modernity." At UMaine, Traverso will talk about his latest book, "Left-Wing Melancholia: Marxism, History, and Memory." The presentation is hosted by the Clement and Linda McGillicuddy Humanities Center. It is the last presentation in the "Life of Ideas" series curated by Frederic Rondeau, an assistant professor of French and assistant director of the Canadian-American Center at UMaine. Rondeau created the series as part of the 2017–2018 [symposium](#) "Juvenescence/Obsolescence: Humanities Approaches to Aging Across the Ages." The series consists of panel discussions by UMaine professors and lectures by visiting scholars. More about the talk is [online](#). For more information or to request a disability accommodation, contact Rondeau at 581.2072, frederic.rondeau@maine.edu.

Park Street entrance will be closed May 13–Aug. 30

22 Mar 2018

A section of Rangeley Road will be closed May 13 through Aug. 30 during the installation of a roundabout at the intersection of Rangeley and Park Street by the Maine Department of Transportation. During this time, Munson and Long roads will be the best routes to use to reach the UMaine Police Department, Facilities Management and other buildings on Rangeley. The entrance will be open for Maine Hello and Welcome Weekend, Aug. 31–Sept. 3.

Gendron signs two-year contract extension

22 Mar 2018

University of Maine men's ice hockey head coach Dennis "Red" Gendron has signed a second two-year contract extension, UMaine Interim Athletics Director Jim Settele announced today. The terms of the extension, which runs through June 30, 2021, remain unchanged from the current contract. Gendron has been UMaine head coach since May 2013, leading the Black Bears to a 18-16-4 season this year, including a trip to the Hockey East quarterfinals. "We very much appreciate Red's ongoing efforts to build this team to a championship level," Settele says. "Under his leadership, we had an exciting year reaching the Hockey East quarterfinals, and we know that next year should be even more impressive. The coaching staff's guidance of our players has allowed them to succeed on the ice and in the classroom. With a returning core of solid players and some fantastic recruits, expectations are high for next year, and we look forward to Coach Gendron leading the way." Gendron first came to the University of Maine in 1990, where for three seasons he was an assistant to Coach Shawn Walsh and the 1993 NCAA Division I National Championship team. When Gendron returned to UMaine as head coach, he signed a four-year contract running through the 2016–17 season. He signed a two-year contract extension in February 2016. "We just finished an exciting year with a very young and very talented group of Black Bears," says Gendron. "Our players, our coaches and our staff all know how very bright our program's future is. Everyone in our program craves the work and relishes the challenges of doing their parts to propel Maine to the summit of college hockey. "There is more work to do and, frankly, the work required never ceases, never diminishes," says Gendron, who just wrapped up his 39th overall year of coaching. "I am personally grateful to

President Susan Hunter and Interim Athletic Director Jim Settele for the opportunity to continue to coach in the program I love, at the university I love, and in the greatest college hockey venue of all-time — Harold Alfond Sports Arena. I am also grateful for all of the fine work produced by our coaching staff, the leadership group inside our team, and all of our players, past and present, who commit to and do what is required each and every day.”

Piscataquis Observer quotes student intern in article on abuse intervention training

22 Mar 2018

University of Maine student Kim Crowley was quoted in a [Piscataquis Observer](#) article about Partners for Peace, a domestic violence resource center, hosting two 44-hour trainings. Partners for Peace provides support services to anyone affected by domestic abuse and violence in the Penobscot and Piscataquis county region, including a free and confidential 24-hour help line, according to the article. “I loved my hotline training experience,” said Crowley, a student intern. “I feel like I have grown immensely in my own understandings of domestic abuse and personal confidence in becoming a hotline worker. Furthermore, I gained a bond with my fellow trainees that can only be formed by going through such a challenging, eye-opening, and ultimately positive experience together.” Trained volunteers will be able to provide an array of services including working with children, helping in the office, and representing Partners for Peace at community events, the article states.

Morning Sentinel, KJ advance tractor safety course in Sidney

22 Mar 2018

The [Morning Sentinel and Kennebec Journal](#) reported the University of Maine Cooperative Extension will offer a tractor safety course 6–8 p.m. Mondays, April 2–23 at Kramer’s Inc. in Sidney. A written exam and tractor-driving test will be held April 30. The classes are designed for adults and youth at least 14 years of age, and are required for 14 and 15 year olds who plan to operate farm equipment for hire on farms other than their own. Those who successfully complete the written and road tests will be issued a Federal Certificate of Training. The cost for the course is \$20. The registration deadline is March 28.

Press Herald publishes student’s op-ed on judicial nominee

22 Mar 2018

The [Portland Press Herald](#) published the opinion piece, “Views on transgender people like me disqualify federal court nominee,” by University of Maine student Nicole Maines of Portland. Maines was the plaintiff in a 2014 Maine Supreme Judicial Court case that found her school violated Maine’s Human Rights Act by prohibiting her from using the school’s student restrooms.

Maine Startups Insider reports on UMaine Business Challenge finalists

22 Mar 2018

[Maine Startups Insider](#) reported on the finalists for the seventh annual UMaine Business Challenge, the largest business-plan competition for college students in the state. The entrepreneurs were paired with mentors and have two weeks to prepare for the live pitch event on March 31 in Orono, according to the article. Up for grabs is \$20,000 in cash and in-kind support. The startup ideas range from a company that’s developed a medical education device to one that’s deploying agricultural technology to help farmers better monitor their crop storage. The UMaine Business Challenge is open to students enrolled in any Maine college or university, however, all of this year’s finalists — Nicholas LaJoie, Justin Gagnon, Stanley Small, Patrick Breeding and Zachary Dalrymple — are UMaine students, the article states.

Franklin News-Post reports on students’ spring break volunteerism

22 Mar 2018

[The Franklin News-Post](#) reported nine University of Maine students spent spring break in Virginia building a ramp for a Franklin County resident with the help of Renovation Alliance. The students are part of a group called Alternative Breaks, a student-led organization that promotes community involvement. About 60 to 70 UMaine students participate in the program each spring, the article states. “I believe in their careers,” said Jennifer Iwerks, a diversity and inclusion specialist in UMaine’s Division of Student Life, and the staff member along for the trip. “These students will continue to volunteer in their communities.”

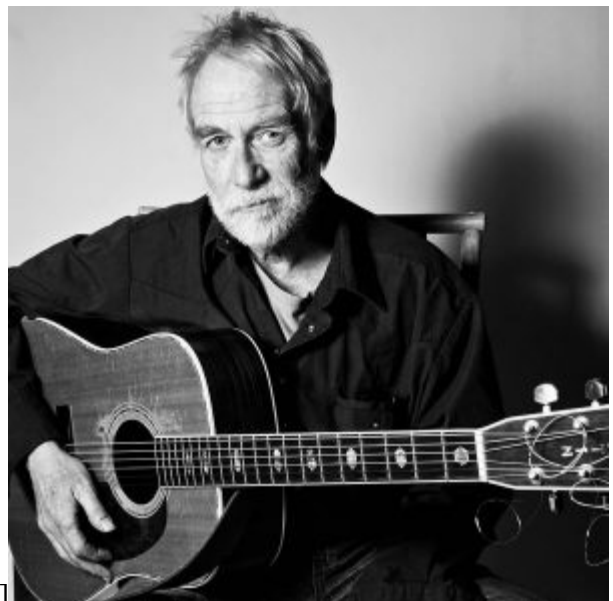
2018 Libby Lecture in Natural Resource Policy to be held April 10

22 Mar 2018

An expert on connecting cutting-edge environmental science with public policy will speak at the University of Maine’s second annual Libby Lecture in Natural Resource Policy on Tuesday, April 10. Noelle Eckley Selin, an associate professor at the Massachusetts Institute of Technology’s Institute for Data, Systems and Society and the Department of Earth, Atmospheric and Planetary Sciences, will present the 4 p.m. lecture, “Air Pollution in a Changing World: Designing Research for Impact,” in the McIntire Room of the Buchanan Alumni House. A 3:30 p.m. reception with refreshments will precede the lecture. Selin’s research uses atmospheric chemistry modeling and interdisciplinary methods to inform decision-making on air pollution, climate change and hazardous substances such as mercury. During her lecture, Selin will describe multiple partnership and engagement models for conducting research that informs people making decisions about environmental policy, and will provide the audience with tangible examples and engagement strategies. Prior to Selin’s current appointment, she was a research scientist with the MIT Joint Program on the Science and Policy of Global Change; a research associate with the Initiative on Science and Technology for Sustainability at Harvard’s Kennedy School; a visiting researcher at the European Environment Agency in Copenhagen, Denmark; and worked on chemicals issues at the U.S. Environmental Protection Agency. Selin holds a Ph.D. from Harvard University in Earth and planetary sciences where she was part of the Atmospheric Chemistry Modeling Group. The annual [Libby Lecture in Natural Resource Policy](#) was established at the University of Maine Foundation in 2016 with a gift from Lawrence W. Libby and Lois Murdock Libby. The lecture is a collaborative event coordinated by the College of Liberal Arts and Sciences and the College of Natural Sciences, Forestry, and Agriculture. It is free and open to the public. Lawrence and Lois Libby are both UMaine alumni. They have dedicated their careers to resource economics, public policy, and in improving civil rights and economic conditions for minorities, women and the disabled. More information about the lecture is [online](#). To request a disability accommodation, call 581.1145 or email libby-lecture-group@maine.edu. Contact: Erin Miller, 581.3204

Singer-songwriter David Mallett to perform as part of Framing Maine series

22 Mar 2018



[caption id="attachment_59779" align="alignright" width="300"]

David

Mallett[/caption] Maine singer-songwriter David Mallett will be the second featured guest of the Framing Maine conversation series at the University of Maine on April 7. “Framing Maine Two: An Evening of Song and Story with David Mallett,” will take place at 7 p.m. in Minsky Recital Hall, Class of 1944 Hall. Mallett is a Maine native and UMaine alumnus who has earned an international reputation as a folk musician and crafter of songs, many about his home state. Mallett will perform and talk about what inspired some of his songs, as well as discuss his life as a working musician. Rob Caldwell, WCSH and WLBZ news anchor and host of the entertainment show “207,” will then interview Mallett onstage. A reception with Mallett and Caldwell will precede the event from 6–7 p.m. at Miller’s Cafe in the Collins Center for the Arts. Tickets for the reception and conversation are available through UMaine Conferences and Institutes, and can be purchased [online](#) or at the door. Proceeds benefit Maine Studies scholarships and programming. “Framing Maine: Conversations with Storytellers and Imagemakers from the Pine Tree State” highlights notable Mainers who tell the state’s stories through various media, including literature, art, music, print and digital media, and other forms. It is organized by the Maine Studies Program. For the inaugural event in November 2017, television host and reporter Bill Green was interviewed by NPR’s Brian Naylor. Both attended UMaine as undergraduates. The event is supported by Bangor Savings Bank, as well as grants from the UMaine Cultural Affairs/Distinguished Lecture Series, Clement and Linda McGillicuddy Humanities Center, College of Liberal Arts and Sciences, and Maine Folklife Center. An American Sign Language interpreter will be on hand during Mallett’s performance and conversation. More about Mallett and Framing Maine is [online](#). For more information, contact Kreg Ettenger at 581.1840, kreg.ettenger@maine.edu. To request a disability accommodation, call UMaine Conferences and Institutes at 581.4093. Contact: Elyse Catalina, 581.3747

Interactive immersion program Tunnel of Oppression to be held March 29

23 Mar 2018

An interactive immersion program called Tunnel of Oppression will be held 10 a.m.–4 p.m. March 29 in the Memorial Union. The program, featuring skits, videos and visual aids is designed to give participants experiences related to religious oppression, sexual assault and mental health disorders; and discrimination based on race, sexual orientation and nationality or culture. The event is intended to make participants feel uncomfortable; to challenge their views and opinions on a multitude of topics. The Tunnel of Oppression will bring community members through six scenes. Each tour will last approximately 30 minutes followed by 15 minutes at the “Room of Hope” — the light at the end of the tunnel. The space will be for participants to decompress and discuss the event. The free public event will be held during [Diversity Week](#) at UMaine and is coordinated by Campus Activities and Student Engagement, in partnership with multiple campus organizations. Registration for the event is [online](#). For more information, email Benjamin Evans, benjamin.evans@maine.edu.

UMaine Concert Band performance to benefit local cancer research

23 Mar 2018

The University of Maine Concert Band will hold its inaugural “Concert for a Cause” on March 29 at the Collins Center for the Arts. The band, directed by Philip Edelman, will headline an evening of music, fundraising and storytelling beginning at 7 p.m. Edelman says the idea for the concert came from his students who wanted another big performance during the school year that would aid the community. Every year, the UMaine Concert Band plans to partner with a community entity that will benefit from the money raised through donations and concessions sold during the performance. This year, the group has partnered with EMMC Champion the Cure Challenge to raise funds for local cancer research. Joining the UMaine Concert Band for the performance will be the Orono High School band, directed by Jennifer Nash; and Old Town’s Leonard Middle School band, directed by Shianne Priest. There is no ticket cost for the performance. Donations will be collected at the door. For more information, email Edelman, philip.edelman@maine.edu or Mariah Hughes, mariah.hughes@maine.edu.

MacLean to deliver Howard B. Schonberger Peace and Social Justice Lecture

23 Mar 2018

Nancy MacLean, the distinguished William H. Chafe Professor of History and Public Policy at Duke University, will deliver the annual Howard B. Schonberger Peace and Social Justice Lecture at the University of Maine on March 29. MacLean's lecture, "The Origins of Today's Billionaire-Funded Radical Right and the Crisis of Democracy," will begin at 5:30 p.m. in Minsky Recital Hall. A reception and book signing will be held at 5 p.m. and following the lecture. Earlier in the day as part of the Socialist and Marxist Studies Series, MacLean will present "'Freedom of Disintegration': Milton Friedman, Free Market Activists, and the South's Desegregation Crisis." Her talk will be held at 12:30 p.m. in Bennett Hall, Room 141. Both talks are free and open to the public. For more information, email Nathan Godfried, godfried@maine.edu.

Huguenard's storm surge research included in NSF World Water Day article

23 Mar 2018

Research by Kimberly Huguenard, an assistant professor in ocean and marine engineering at the University of Maine, was included in a [National Science Foundation](#) (NSF) article about current water research. For the last two years, NSF has provided funding to enable communities across the country to take a closer look at the quality of their own water systems, according to the article. For World Water Day, NSF spoke with citizen scientists and engineers, including Huguenard, about their projects. Huguenard has measured storm surge interactions with estuaries in three Maine communities, the article states. "The project provides the unique opportunity not only to capture storm surge associated with extra-tropical cyclones and hurricanes, but also to develop a baseline understanding of storm tide behavior in four estuaries in Maine, something that has previously never been completed," Huguenard said. "These findings can inform future decision-making by providing communities with critical information for climate change adaptation planning, a key sustainability challenge. Our project also provides community members with an opportunity to collect data (as citizen scientists), and to participate in a dialogue about how such data might inform local planning to meet sustainability goals."

Gendron signs contract extension as men's ice hockey coach, media report

23 Mar 2018

The [Bangor Daily News](#), [Portland Press Herald](#) and [News Center Maine](#) reported University of Maine men's ice hockey head coach Dennis "Red" Gendron has signed a second two-year contract extension. The terms of the extension, which runs through June 30, 2021, remain unchanged from the current contract. Gendron has been UMaine head coach since May 2013, leading the Black Bears to a 18-16-4 season this year, including a trip to the Hockey East quarterfinals. Gendron told the BDN the future goal is to continue to climb the standings in Hockey East and earn an NCAA tournament berth. "We want to close the gap every year," said Gendron, who is 67-98-21 in his five seasons. "At the same time, we want to focus on the day-to-day process. We did pretty well sticking to the process this year. We want to get better every single day. That's how you improve your results."

Forbes cites Kaye, Center on Aging in article on reducing loneliness

23 Mar 2018

An article by Len Kaye, professor of social work and director of the University of Maine Center on Aging, was cited in the [Forbes](#) report, "How to reduce loneliness in old age." The Gerontological Society of America's Public Policy and Aging Report recently dedicated an issue to the potential consequences of a lack of social connectedness, according to the article. In an article Kaye wrote for the publication, he described a number of low-tech ways Maine — a largely rural state — is trying to keep seniors connected. In Augusta, postal workers have been trained to check in on homebound seniors, and in Franklin County, sheriff's deputies regularly look in on older adults, the article states. Forbes also mentioned Project Generations, a program developed by UMaine and the Eastern Area Agency on Aging where college students visit seniors at home and do light chores.

New York Times publishes op-ed by Socolow on how to stop spreading 'fake news'

23 Mar 2018

[The New York Times](#) published an opinion piece by Michael Socolow, an associate professor of communication and journalism at the University of Maine. The piece is titled, “How to prevent smart people from spreading dumb ideas.”

Drummond named 2018 Distinguished Maine Professor

26 Mar 2018

Frank Drummond, an internationally recognized entomologist whose decades of research on insect pests, bees and reproductive biology of the blueberry plant have contributed to the growth of Maine wild blueberry production, has been named the 2018 University of Maine Distinguished Maine Professor by the UMaine Alumni Association. The Distinguished Maine Professor Award, sponsored by UMaine’s classes of 1942 and 2002, annually honors a professor who exemplifies the highest qualities of teaching, research and public service. The award will be presented at the UMaine Alumni Association Awards Celebration on Thursday, April 26. Drummond also will be honored as part of the President’s Faculty Recognition Luncheon on May 12. Drummond is a professor of insect ecology in UMaine’s School of Biology and Ecology, and the insect pest management and wild blueberry pollination specialist in University of Maine Cooperative Extension. The breadth of his career is reflected in his research interests that include pollination ecology and insect pest management, and scientific techniques that span statistical modeling and computer simulation to molecular ecology. His research venues range Maine’s blueberry and potato fields to Australian sugarcane plantations. In addition, he has a passion for teaching; at UMaine, he has taught 29 classes — from insect biology to computer simulation modeling. Drummond has always worked in cooperative research with students and other researchers at UMaine and beyond. Today, his productivity and project diversity involves 60 research colleagues. He has mentored 36 graduate students, published 267 scientific journal articles and 60 Extension bulletins, 14 video tutorials and one computer software tool. He and his students and colleagues have presented 359 talks at scientific meetings and 495 talks to farmers and the general public. Drummond has been the principal or co-principal investigator on more than \$26.7 million in research funding. That funding includes USDA grants investigating ecological and behavioral approaches to insect pest management, least toxic approaches to use of insecticides for insect control, genetics of the blueberry plant and its pollination, and pollinator conservation to address stress on native bees, as well as, colony collapse disorder in honeybees. In addition to providing solutions to critical needs of Maine’s agriculture, these research grants provided research training opportunities for almost 100 undergraduate students, many of whom went on to pursue research in their careers. Since joining the UMaine community in 1988 as an applied insect ecologist, Drummond has focused on finding solutions to important agricultural insect problems, especially in Maine. His research on wild blueberry insects has resulted in recommendations focused on minimizing impacts on the environment, while saving growers money, increasing yields, improving the quality of the fruit, and making Maine wild blueberries more competitive in the global market. One of his many successful efforts to help farmers manage the blueberry maggot fly, was based on the flies’ feeding and dispersal behavior, resulting in a field perimeter management tactic — an effort that saved growers money and reduced the environmental impact of insecticide applications. Drummond and his colleagues also have researched and developed organic methods for blueberry production — the only complete organic insect pest management plan for wild blueberry production in North America. In addition, Drummond created a statistical model to predict the impact of human activity on streams, which became the basis for Maine law and informed national Environmental Protection Agency guidelines. Among his many honors, Drummond received UMaine’s 2013 Presidential Research and Creative Achievement Award. He has a Ph.D. from the University of Rhode Island. Contact: Margaret Nagle, 207.581.3745

Investigative journalism in a ‘post-truth’ age the focus of King Chair Lecture April 20

26 Mar 2018

Investigative journalism in a “post-truth” age will be the focus of a lecture by the editor of the Boston Globe Spotlight Team on April 20 at the University of Maine. Patricia Wen, who leads the nation’s oldest continuously operating newspaper investigative unit, will speak on “Getting It Right: Investigative Journalism in a ‘Post-Truth’ Age” as part of the Stephen E. King Chair Lecture Series, now in its inaugural year. The free public lecture begins at 4:30 p.m. in Wells Conference Center. Wen took over the six-member Boston Globe Spotlight Team after several decades of working as one of its reporters. Over the years, Wen has specialized in covering social service, legal and medical issues. She has

twice been a finalist for the Pulitzer Prize — once in 2004 for feature writing and also in 2013 as part of a team for national reporting. Wen also has twice won the Casey Medal for coverage of children and family issues. The Spotlight Team's work on the Catholic clergy sex abuse scandal was featured in the 2016 Academy Award-winning movie, "Spotlight." More information about the King Chair Lecture Series is [online](#). To request a disability accommodation, call 581.1226. Contact: Margaret Nagle, 207.581.3745

UMaine Extension offering farm tractor safety courses around state

26 Mar 2018

University of Maine Cooperative Extension will offer a five-session tractor safety course in multiple locations this spring, including in Cumberland, Kennebec, Penobscot, Knox and Waldo counties. Participants will learn how to handle tractors and equipment safely, how to avoid hazards, and how to minimize the chances of accidents. The classes are designed for adults and youth at least 14 years of age, and are required for 14- and 15-year-olds who plan to operate farm equipment for hire on farms other than their own. Those who successfully complete the written and road tests will be issued a federal certificate of training. The cost is \$20 per person; registration is required. More information, including a full schedule, is available [online](#) or by contacting Diana Hartley at 622.7546, diana.hartley@maine.edu.

Kaohsiung American School String Orchestra to perform at UMaine March 30

26 Mar 2018

The Kaohsiung American School (KAS) String Orchestra will perform at the University of Maine on March 30. The 7:30 p.m. performance in Minsky Recital Hall also will feature the University of Maine Orchestra. Pieces to be performed include "Flight of The Bumblebee" by Nikolai Rimsky-Korsakov, "Marche Slav" by Pyotr Tchaikovsky, "Russian Sailor's Dance" by Reinhold Gliere, and Joseph Haydn's "Symphony 104" with UMaine Orchestra. The concert is free and open to the public. The Office of International Affairs is a co-sponsor of the School of Performing Arts event. The group of about 20 high school students is conducted by Julia Chen, who began teaching at KAS in 2007. While visiting UMaine, KAS musicians will tour campus, meet professors and current students, and practice with the UMaine Orchestra. KAS is a private, nonprofit, co-educational PreK–12 institution in Kaohsiung, Taiwan offering an American, college preparatory program leading to a U.S. high school diploma. The visit was initiated by Thomas Farrell, the superintendent emeritus of KAS and a UMaine alumnus. For more information or to request a disability accommodation, email Beth Wiemann, bwiemann@maine.edu or Mariah Hughes, mariah.hughes@maine.edu.

OIP supporting teaching and studying abroad

26 Mar 2018

The University of Maine Office of International Programs (OIP) helps support faculty teaching and study abroad programs. Among the faculty funded this year:

- Amy Blackstone, professor of sociology, was selected as a Universities Studies Abroad Consortium (USAC) Visiting Professor for summer 2018 in Viterbo, Italy. OIP has designated USAC scholarship funds to support several UMaine students with a \$500 study abroad scholarship for the same site.
- Julie DellaMattera, an associate professor of early childhood development and education, and Orlina Boteva, director of International Programs, will attend the USAC conference in April in Chicago, with OIP support for travel expenses.
- Scott Dunning, a professor of electrical engineering technology, will run two summer travel classes — one to Aalen, Germany in cooperation with Aalen University, a longstanding partner of UMaine, INT 489-0871: Culture, Design & Business in Germany (travel May 9–19); and one to Peru, INT 489-0870: Incan History and Architecture (travel May 21–30). OIP supported both classes with direct marketing to students on campus.
- Gregory Howard, associate professor of English, has applied for a USAC Visiting Professorship for the 2020–21 academic year.
- Jesse Kaye-Schiess, a kinesiology lecturer, will receive a summer USAC Faculty International Development

Award (FIDA) to spend three to four weeks in Italy. He will receive a \$1,000 scholarship from OIP to support his participation.

- Zachary Ludington, assistant professor of Spanish, will complete a site visit in Costa Rica at the end of April with Academic Programs International (API), one of UMaine's study abroad programs. He will receive \$400 from OIP to support his participation.
- Margo Lukens, professor of English, has been selected for a USAC Faculty International Development Award (FIDA) to spend up to four weeks in Costa Rica. She will receive a \$1,000 scholarship from OIP to support her participation.
- Greg Zaro, associate professor of anthropology, will travel to Kenya/Uganda with the School of International Training (SIT) in Vermont, one of UMaine's study abroad programs. He will receive \$500 from OIP to support his participation.

The Office of International Programs offers various international opportunities for UMaine faculty and staff to expand their global skills and knowledge. More information is available [online](#) or by emailing Orlina Boteva, orlina.boteva@maine.edu.

VillageSoup previews backyard composting workshop

26 Mar 2018

[VillageSoup](#) reported Knox-Lincoln County Soil & Water Conservation District will hold a backyard composting workshop April 10 at the Knox-Lincoln Cooperative Extension Office in Waldoboro. Liz Stanley, UMaine Extension horticulture program coordinator, and Hildy Ellis, SWCD program manager, will demonstrate a variety of techniques for making compost at home — including aerobic and anaerobic methods — and provide tips on feeding the pile with the ideal proportion of waste, water and air, according to the article. Handouts will be available for building a variety of bins, and there will be order forms to purchase reduced-cost composters and accessories, the article states. The program is free for adults and students 12 years and older. [The Lincoln County News](#) also advanced the workshop.

Beech tree study cited in BDN report on changing maple syrup industry

26 Mar 2018

A recent University of Maine-led study on the changing composition of hardwood forests in the Northeastern United States was cited in the [Bangor Daily News](#) article, "How climate change is affecting the Maine maple syrup industry." Andy Whitman, a forest scientist and the director of sustainable economies at Manomet, a Brunswick-based conservation nonprofit organization, said scientists are predicting a steep decline in maples over the next decade. UMaine-led research has found that warming temperatures are leading to more beech trees and fewer maple trees in Maine forests, the article states. [Maine Public](#) carried the BDN report.

Media report on Pro Day with NFL scouts

26 Mar 2018

The [Portland Press Herald](#), [Bangor Daily News](#), [WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported on the University of Maine's football Pro Day. Six NFL scouts visited UMaine to measure and test nine former Black Bear players in a series of drills, the media reported. Among the hopefuls was Jamil Demby, a four-year starter at left tackle for UMaine, the Press Herald reported. "I feel like it went well," said Demby, who is finishing three classes so he can graduate in May. "These past couple of weeks I've been anxious for it." [Sun Journal](#) carried the Press Herald article.

Mainebiz cites Gabe's study in report on proposed Waterfront Concerts venue

26 Mar 2018

[Mainebiz](#) cited an economic impact study by Todd Gabe, a professor of resource economics and policy at the University of Maine, in an article about Waterfront Concerts seeking a long-term lease extension on city-owned land in order to

build a permanent open-air venue in Bangor. Waterfront Concerts' promoter signed a new 10-year contract with the city last fall to replace one that had expired, according to the article. At the time of its renewal, Waterfront Concerts cited a recent study by Gabe showing a \$105.1 million contribution in revenue to Bangor and the surrounding areas from 2010–2016 from the concerts, the article states.

UMaine resources included in BDN's tips to fix winter-ravaged lawns

26 Mar 2018

University of Maine resources were included in the [Bangor Daily News](#) article, "7 tips for fixing your winter-ravaged, ripped up and gravel-filled lawn." If homeowners notice areas of dead plants and grass, they should test the soil, the article suggested. In Maine, one option is to get a soil testing container and information form from a University of Maine Cooperative Extension county office or the Maine Soil Testing Service. This test will tell you the soil's acidity and levels of essential soil nutrients and checks for lead contamination, the article states. The report also recommended a UMaine Extension [bulletin](#) to learn more about lawn fertilizer, biological grub control, dethatching and other methods of keeping a lawn healthy.

WVII advances inaugural 'Concert for a Cause'

26 Mar 2018

[WVII](#) (Channel 7) reported the University of Maine Concert Band will hold its inaugural "Concert for a Cause" on March 29 at the Collins Center for the Arts. The band, directed by Philip Edelman, will headline an evening of music, fundraising and storytelling beginning at 7 p.m. The Orono High School band and Old Town's Leonard Middle School band also will perform. This year, the group has partnered with EMMC Champion the Cure Challenge to raise funds for local cancer research. Performer Smith Fenner told WVII he finds it outstanding that the musicians are able to use their talent to support cancer research.

BloombergQuint cites Wahle, settlement index in report on Maine's lobster industry

26 Mar 2018

Rick Wahle, a research professor at the University of Maine's Darling Marine Center, was quoted in the [BloombergQuint](#) article, "Maine's booming lobster industry starts feeling some heat." Lobster harvests already have collapsed in several states farther down the Atlantic coast, providing evidence for the warming-ocean-temperatures theory of the lobster boom, according to the article. The American Lobster Settlement Index readings made by the University of Maine School of Marine Sciences along with fisheries agencies in the U.S. and Canada may offer a clue as to when the oceans off Maine will get too warm as well, the article states. The settlement index, led by Wahle, measures the density of baby lobsters in quadrants of rocky seafloor, and its readings started declining off the coast of Maine about a decade ago. It takes five to 10 years for a lobster to reach harvestable size, so "the downturn in Maine's landings is indeed consistent with our ALSI-based forecast," Wahle wrote in an email.

Graduate dietetics students raise nutrition awareness in Augusta

27 Mar 2018

Graduate students in the University of Maine's Food Science and Human Nutrition Program and Dietetic Internship took their expertise to Augusta this winter to help Maine's legislators make informed decisions regarding nutrition policy. Emily Duran-Frontera, Anna Wright, Elizabeth Kowash and Mackenzie Clapp culminated the communication effort by helping to host the Maine Academy of Nutrition and Dietetics Legislative Breakfast in Augusta on March 22. "The UMaine Dietetic Internship offers students a concentration in public policy that teaches them how to advocate for nutrition-related issues," according to Mona Therrien, who directs UMaine's Dietetic Internship program. "Raising awareness of nutrition among our legislators is important as many of the programs that employ our graduates and provide Mainers with essential nutrition education and intervention are publicly funded." The UMaine Dietetic Internship serves Maine's need as the only program in the state accredited by the Accreditation Council for Education in

Nutrition and Dietetics (ACEND). Graduates are prepared to become Registered Dietitian Nutritionists and are eligible to sit for the National Registration Examination. UMaine graduates have a high passage rate for the National Registration Exam and are employed readily within the field of dietetics.

April, May CCA performances to include ‘Gentleman’s Guide,’ ‘Cabaret’ and orchestral variety

27 Mar 2018

The Collins Center for the Arts at the University of Maine is offering a variety of performances throughout the 2017–18 season. Tony Award-winning Broadway hit “A Gentleman’s Guide to Love and Murder” will be performed at 7 p.m. Wednesday, April 4. The comedy tells the story of Monty Navarro, a “gentleman” who secures his place as heir to the family fortune by ridding himself of eight relatives, all in time for tea. The Ukulele Orchestra of Great Britain will perform at 8 p.m. Friday, April 13. The current ensemble has been together for more than 20 years, and this will be the group’s second time performing at the CCA. The bluegrass band Steep Canyon Rangers will perform at 8 p.m. Saturday, April 21. Hailing from North Carolina, the versatile group easily transitions between a danceable festival style and a more serious orchestra rendition compatible with a full symphony. The musician-led Palaver Strings orchestra will perform at 3 p.m. Sunday, April 22. The group with Maine connections is dedicated to sharing classical masterworks with a broad audience. The concert is a selection in the John I. and Elizabeth E. Patches Chamber Music Series. A reception for patrons and artists will follow. Finally, Tony Award-winning “Cabaret” will be performed at 7 p.m. Tuesday, May 15. Featuring Sam Mendes and Rob Marshall, the musical celebrates following your heart while transcending a world in decline. The show is for mature audiences. For more details, a complete season schedule, and to purchase tickets, visit the CCA [website](#).

Innovation, infrastructure and digital learning the focus of April 6 presentation

27 Mar 2018

“Innovation, Infrastructure and Digital Learning” will be the focus of a presentation at 9 a.m. April 6 in 57 Stodder Hall by Casey Green, founding director of the [Campus Computing Project](#). The event is sponsored by the Division of Academic Affairs, and the Center for Innovation in Teaching and Learning. The Campus Computing Project is the largest continuing study of the role of eLearning and information technology in American colleges and universities. Green also directs the Digital Fellows Project of the Association of Chief Academic Officers, and is the moderator and co-producer of “To A Degree,” the postsecondary success podcast of the Bill & Melinda Gates Foundation. He is the author or editor of about 20 books and has published research reports and more than 100 articles and commentaries that have appeared in academic journals and professional publications. His “Digital Tweed” blog is published by Inside Higher Ed. In 2002 Green received the first EDUCAUSE Award for Leadership in Public Policy and Practice.

UMaine Extension welcomes new wild blueberry specialist

27 Mar 2018

Lily Calderwood is the the new University of Maine Cooperative Extension wild blueberry specialist and assistant professor of horticulture. Calderwood most recently worked with Cornell Cooperative Extension as a commercial horticulture educator. Her research interests include sustainable agriculture, soil health and integrated pest management, and farmer-to-farmer learning. In her first year with UMaine Extension, Calderwood will collaborate with David Yarborough, the current wild blueberry specialist, as he transitions to retirement in early 2019. Like Yarborough, she holds a joint appointment with UMaine Extension and the UMaine School of Food and Agriculture. “I appreciate this unique opportunity to learn from my predecessor for a year, and look forward to identifying the needs of growers in our changing environment and economy,” Calderwood says. Calderwood grew up in Harvard, Massachusetts. She received a doctorate in plant and soil science from the University of Vermont, where she researched hops, grains and oilseeds. More about the UMaine Extension wild blueberry program is available [online](#) or by calling 581.3188.

Republican Journal advances Rural Living Day

27 Mar 2018

[The Republican Journal](#) reported the University of Maine Cooperative Extension and Waldo County Extension Association will host the 24th annual Rural Living Day on April 7 at Mount View High School in Thorndike. All are welcome to attend the daylong event that will feature workshops on a variety of topics, including attracting bees, repelling ticks, off-grid homesteading, invasive plants and composting, according to the article. [Registration](#) is required. A \$20 donation is requested for three workshops and a lunch featuring locally sourced foods. Proceeds help Waldo County youth attend UMaine Extension Tanglewood 4-H Camp in Lincolnville, the article states.

Tulsa World cites UMaine study in article on high school hazing

27 Mar 2018

[Tulsa World](#) cited a 2008 University of Maine study in an article about shining a light on hazing in high school athletics. Last year, the Associated Press discovered more than 70 cases of sexual assault perpetrated by high school athletes on teammates over a five-year period, according to the article. "I talked to a parent whose son was hazed on a high school lacrosse team. He did not want his parents to report it," said Mary Madden, a former co-director of the National Collaborative for Hazing Research and Prevention at UMaine who co-wrote the National Study of Student Hazing with colleague Elizabeth Allan, a professor of higher education. "This is not uncommon," she said. "He didn't want to tattle on his teammates regardless of how ashamed he was or hurt he was that his friends stood around and watched this happen to him. He didn't want to be that person that broke the silence and got people in trouble."

Sun Journal publishes feature on master gardener, food preservationist

27 Mar 2018

The [Sun Journal](#) published an article on Dennis Connelly, a master gardener and food preservationist certified with the University of Maine Cooperative Extension. Connelly volunteers at the Police Activities League Center in Auburn and the Dempsey Center in Lewiston, according to the article. In about a week, he and the children at the PAL Center will turn one of the back rooms into a seedling spot, where the fruit and vegetable plants can get a head start before going in the ground outside, the article states. He has been a master gardener since 2010 and has volunteered in Auburn since the center opened roughly five years ago, the Sun Journal reported. According to UMaine Extension, 40 hours of "in-depth" training in the art and science of horticulture is required to become a master gardener volunteer.

Maine Public cites study in report on invasive emerald ash borer

27 Mar 2018

A 2009 [study](#) led by the National Wildlife Federation in collaboration with University of Maine researchers was cited in a [Maine Public](#) report on the invasive emerald ash borer. The insect threatens to kill all of Maine's ash trees and the roots of tribal culture, according to the article. For members of the region's Wabanaki tribes, the potential loss of black ash is unthinkable as it is not only the origin of fiber for their handwoven baskets but, tradition holds, of the tribes themselves, the article states. Passamaquoddy basket maker Gabriel Frey said hundreds of tribal members know how to make traditional Wabanaki baskets, and about 100 of them now rely on income from the craft. The industry contributes about \$150,000 to the tribes' economies, according to the study.

UMaine, Bret Stern Productions receive 2018 Educational Advertising Awards

27 Mar 2018

The 2018 [Educational Advertising Awards](#) has recognized the University of Maine and Bret Stern Productions for the creative development of the 2017 UMaine Viewbook and Accepted Students Informational Folding Piece. The Educational Advertising Awards recognize institutes of higher learning and their advertising agencies for their programs and materials that display exceptional quality, creativity and message effectiveness. The Accepted Students Informational Folding Piece, designed to be informational and physically engaging for its recipients, received a Gold

Award. The Viewbook, designed with a premium feel and strong emphasis on stunning black-and-white photography, received a Silver Award.

UMaine taking part in #PledgeAgainstPlasticStraws

28 Mar 2018

Simply Straws wants to make the world a better place, sip by sip, with eco-friendly glass straws. And the University of Maine is taking part in the company's #PledgeAgainstPlasticStraws 2018 Campus Challenge. Throughout the month of April, campuses nationwide are invited to ditch plastic straws to reduce plastic pollution. It's estimated in the U.S. that people use and toss more than 500 million plastic straws each day that pollute beaches and oceans and harm wildlife. Glass straws are reusable, sustainable, durable and dishwasher safe. An information table will be set up from noon to 2:30 p.m. April 19 in Memorial Union. UMaine's customized pledge page will be active April 1. To pledge, UMaine students, staff, alums, family and friends can visit SimplyStraws.com and locate UMaine's pledge page. Community members are encouraged to take a photo or make a video indicating why they're pledging and post it on social media using #PledgeAgainstPlasticStraws. Tag @SimplyStraws and enter your email address to receive an \$8 coupon for a glass straw. The college and high school in the U.S. with the largest number of pledges in April will win 100 custom-etched reusable glass straws. Simply Straws also will feature the winning schools on its website and social media. For more information, contact Alicia Oberholzer, alicia.oberholzer@maine.edu, 312.520.8983.

Winners of Three Minute Thesis competition announced

28 Mar 2018

Six graduate students competed in a Three Minute Thesis (3MT) competition on March 23 at the Innovative Media Research Center in Orono. The unique competition, developed by the University of Queensland, requires presenters to explain their research using language the general public would comprehend in three minutes. The competitors were allowed to use a single PowerPoint slide without any other resources during their presentation. Winners of the competition were:

- Mackenzie Mazur, Ph.D. student in marine biology, "Testing regulations for the American lobster fishery in a changing Gulf of Maine," first place, \$500 and a paid trip to the annual Northeastern Association of Graduate Schools meeting in Montreal to compete in the regional 3MT competition;
- Elisabeth Kilroy, Ph.D. student in biomedical science, "Reversing the tide of muscle wasting in muscular dystrophy," second place, \$300; and
- Patrick Breeding, master's student in biological engineering, "Fighting cancer with 'lobstah,'" third place, \$200.

Judges included Matthew Dunlap, Maine Secretary of State; Deb Neuman, president and CEO of the Bangor Region Chamber of Commerce; and Emma Wilson, president and CEO of Odigo. Mazur credits the competition with her ability to explain her research and how it affects society in creative ways. "Thanks to the 3MT competition, my family now understands what my research is all about," she says. The students will present their winning 3MT talks at the upcoming Business Connect event on April 17, as part of Maine Impact Week at the Cross Insurance Center in Bangor. Prizes were co-sponsored by the University of Maine Graduate School and the Foster Center for Student Innovation.

2018 Employee Recognition and Awards Luncheon April 2

28 Mar 2018

University of Maine employees are invited to join President Susan J. Hunter, senior administrators and members of the campus community at the 2018 Employee Recognition and Awards Luncheon on April 2. The event, which will be held from 11 a.m. to 1 p.m. in Wells Conference Center, will be held in celebration of UMaine employees who have reached 25 and 35 years of service; outstanding classified and professional employee award recipients; and the Steve Gould Award winner. More information about the ceremony, including a list of honorees, is [online](#).

Eddy quoted in Undercurrent News article on Maine oysters

28 Mar 2018

Steve Eddy, director of the Center for Cooperative Aquaculture Research at the University of Maine, was quoted in the [Undercurrent News](#) article, “Oysters, not lobsters, are leading seafood growth from Maine thanks to ‘insatiable’ demand.” The oyster trend has been building for several years, while Maine’s lobster supply declined during the last two years, according to the article. Besides entrepreneurs that are willing to invest in seaweed, sea scallop and oyster farms, Maine has received an influx of families who seek to invest in small-plot agriculture and aquaculture farms, the article states. The seafood wannabes are helped by Maine’s unrivaled brand as a purveyor of fresh, high-quality seafood, Undercurrent News reported. “The Maine mystique is known for high quality,” Eddy said.

Garland speaks with BDN about companion gardening

28 Mar 2018

The [Bangor Daily News](#) interviewed Kate Garland, a horticulturist with the University of Maine Cooperative Extension, for an article about companion gardening, the practice in which certain plants improve each other’s health and yields when grown together. “People have been [companion gardening] for as long as there has been gardening,” Garland said. “I think we naturally do companion gardening and don’t even think about it. Any time you have diversity in your garden, you have companion planting.” Companion gardening, Garland said, can be an organic alternative to pest management, weed suppression and adding nutrients to the soil. “When it comes to pest management in companion garden crops, one species will almost always be the ‘sacrificial’ crop,” she said. “It will be more attractive to the pests than the plant or crop you want to succeed.” Eggplant is an example of one crop that will attract an array of bugs that want to nibble on peppers, tomatoes or cucumbers, the article states.

KMVT interviews Crandall about using timber to build high-rise buildings

28 Mar 2018

[KMVT](#) of Southern Idaho spoke with Mindy Crandall, an assistant professor of forest landscape management at the University of Maine, for the report, “Maine timber advocate pushes for high-rise buildings.” The roots of Maine’s timber industry are weakening with less demand for paper, according to the report. “We lost about five pulp and paper mills in the span of 18 months, and that has a big impact on the industry,” Crandall said. To survive, she suggested the industry could branch out into skyscrapers, if the U.S. allows them to be made out of wood, like Canada and other European countries do. “If we can get some of these plants up and running in Maine, we’ve got the resource, we’ve got the workforce, and we’re really close to a big market for these types of structures,” she said. A bipartisan group of lawmakers have sponsored a bill, The Timber Innovation Act, that directs the Department of Agriculture to use existing money to research and market the possibility of constructing wood buildings 85 feet and taller, KMVT reported.

Maine Trails magazine features article on new Engineering Education and Design Center

28 Mar 2018

The February/March 2018 issue of the Maine Better Transportation Association’s (MBTA) [Maine Trails](#) magazine featured an article on the planned construction of the University of Maine’s new Engineering Education and Design Center, funded in part by a recent \$10 million gift from an anonymous donor. The new building will be a place for students to collaborate, and will include laboratory facilities with interdisciplinary capacity to meet the needs of various programs within engineering. Three of UMaine’s 11 engineering programs are enrollment capped, so there are more eligible students than can be admitted with the current resources, but 27 percent of Maine’s engineers are 55 or older and will soon retire, creating a need for new engineering graduates to fill positions, the article states. The new facility will help expand the program’s capacity for educating prospective young engineers and bringing them into the workforce. The design team for the building includes WBRC Architects Engineers, based in Bangor, and Ellenzweig from Boston, among others. Plans are to break ground in spring 2020 with the building opening in 2022. Dean of the College of Engineering Dana Humphrey says the impact of the facility will include creating “more high-paying jobs in Maine” and helping Maine companies grow. “This dream is becoming a reality, and it will be a great benefit for the

entire state of Maine,” Humphrey told Maine Trails.

Maine Public interviews Wahle about baby lobster decline, possible food source

28 Mar 2018

[Maine Public](#) spoke with Rick Wahle, a research professor at the University of Maine’s Darling Marine Center, for the report, “New research shows ‘strong correlation’ between baby lobster decline, possible food source.” Joshua Carloni, a research scientist in New Hampshire’s Fish and Game Division, recently wanted to explore why, at a time when the waters off Maine are brimming with egg-bearing lobsters and very early-stage larvae, there has been a decline in mid-term stages. Carloni had a hunch they might be starving to death and was able to find a correlation between baby lobster decline and the copepod *Calanus finmarchicus*, according to the article. “There are really very few ‘Aha’ moments in science,” said Wahle, who has been tracking baby lobsters that settle to the seafloor off New England for 30 years. Wahle has shown that the babies’ decline may predict coming declines in the adult lobster harvest, the article states. Carloni’s work on the *C. finmarchicus* connection, Wahle said, was something of a revelation. “To have one of these moments when you see these correlations and it opens a whole new box of different questions — it’s rather exciting,” he said. Wahle said it’s not a sure bet baby lobsters are dying off due to a lack of *C. finmarchicus* to munch on. They might be settling in new places, or lobsters and *C. finmarchicus* might be under pressure from bigger predators, Maine Public reported. [Mainebiz](#) cited the Maine Public report in an article on the same topic.

Ewe Maine Icelandics Club members speak with WABI about lambing season

28 Mar 2018

Members of the University of Maine student group, Ewe Maine Icelandics Club, spoke with [WABI](#) (Channel 5) about lambing season at UMaine’s J.F. Witter Teaching and Research Center. Every spring, the students spend most of their time at the farm because that’s when the sheep are giving birth, according to the report. “You’re at the barn more than you’re at your own house, just trying to get everything ready to make sure that things can go as smoothly as possible,” said Connor Leydon, treasurer of the group. From birthing to genetics to experimentation with artificial insemination, the students said being in the club has given them a hands-on experience in animal sciences, but it’s really a group for anyone, the report states. “It started with animal science students interested in taking care of the sheep and from then we sort of grew into the sheep club of people who are just interested in learning about sheep care, sheep management, and those who just love sheep, so we invite a lot of students from not only animal science majors but all majors as well,” said Kyle Alamo, club vice president. “It’s very multifaceted, it’s not just about sheep,” said Jaime Boulos, president of the group. “It’s about problem-solving skills, it’s about using the information you learned previously in schools and integrating it into a real-life situation.”

Learn to to cook with seaweed, make cheese April 7 at Rural Living Day

29 Mar 2018

University of Maine Cooperative Extension and Waldo County Extension Association are hosting the 24th annual Rural Living Day from 8:30 a.m. to 3:45 p.m. April 7 at Mount View High School in Thorndike. Workshops will be offered in three sessions. Topics include adaptive gardening, Maine’s native bees, identifying invasive plants, composting with worms, grafting apple trees, making cheese and cooking with seaweeds. The \$20 fee includes three workshops and a lunch featuring locally sourced foods. Proceeds will go to assisting Waldo County youth attend UMaine Extension Tanglewood 4-H Camp in Lincolnville. [Online](#) registration is required by April 5. For more information or to request a disability accommodation, call 342.5971 or 800.287.1426 (in Maine).

Margaret Chase Smith Public Affairs Scholarship accepting applications

29 Mar 2018

Applications are now being accepted for the 2018–2019 Margaret Chase Smith Public Affairs Scholarship. The \$3,500

scholarship is open to undergraduate students of all majors who are conducting independent research on a topic related to public policy. To be eligible for the scholarship, students must be a Maine resident currently enrolled at UMaine and taking at least 12 credits, be an undergraduate student with a GPA of at least 3.0, and have completed 40 credit hours before the current semester. The scholarship will be awarded in two installments of \$1,750 per semester. The scholarship program is administered by the Margaret Chase Smith Policy Center with the assistance of a university selection committee. The deadline to apply is April 6. More information, including the application, is [online](#).

Mick Smyer to deliver 2018 Rezendes Ethics Lecture on April 4

29 Mar 2018

Psychology professor and national expert on aging Mick Smyer will present the 2018 John M. Rezendes Visiting Scholar in Ethics Lecture at 4:30 p.m. April 4 in Nutting Hall, Room 100. Smyer's lecture is titled, "Living a Full, Ethical and Sustainable Life in the 21st Century: Lessons from Psychology, Ethics and Human-Centered Design." A reception will be held at 4 p.m. Smyer also will host a workshop before his lecture for anyone interested in taking action on climate change. "What's the Next Step on Your Climate Journey?" will be offered at 2:30 p.m. on the fourth floor of Colvin Hall. Smyer is the former provost of Bucknell University and is a senior fellow in social innovation at Babson College. A national expert on aging, Smyer has written and lectured extensively. In addition to holding leadership roles in national organizations on aging, he has consulted with Fortune 500 companies, state and national legislative leaders, and higher education organizations on the impacts of aging. Smyer is the founder of Graying Green: Climate Action for an Aging World, which works with older adults, climate communicators, climate scientists, and community and business leaders who view older people as potential leaders of climate action. With support from Stanford's Hasso Plattner Institute of Design, Graying Green taps expertise in gerontology, climate communication and human-centered design. The John M. Rezendes Visiting Scholar in Ethics Lecture was established by the University of Maine Honors College in 1999 to critically engage students, faculty and the community in ethical issues of national importance. The lecture is part of the John M. Rezendes Ethics Initiative, a program established through a gift from Dennis and Beau Rezendes, which also includes the John M. Rezendes Ethics Essay Contest open to undergraduate students at UMaine. Co-sponsors of this year's lecture include the Honors College; UMaine departments of psychology, philosophy and mechanical engineering; Division of Lifelong Learning; Senator George J. Mitchell Center for Sustainability Solutions; Maine Center on Aging; Margaret Chase Smith Policy Center and the Clement and Linda McGillicuddy Humanities Center. For more information or to request a disability accommodation, contact Deb Small, dsmall@maine.edu, 581.3263.

Washington Post cites study in article on Greenland melting

29 Mar 2018

[The Washington Post](#) cited a study co-written by a University of Maine researcher in an article about accelerated melting of Greenland. The study found that levels of melting in Greenland have reached unprecedented rates compared to the past 450 years. Sean Birkel, Maine's state climatologist and a research assistant professor at UMaine's Climate Change Institute, collaborated on the study, titled "Ice Core Records of West Greenland Melt and Climate Forcing," which was published in the journal *Geophysical Research Letters*. The research team took ice core samples from West Greenland, in an area where runoff from summer melting refreezes. The refrozen layers allow for analysis of a timeline of melting and refreezing throughout history, according to the article. The study also found large instances of melting shown in the cores were correlated with warmer ocean temperatures around Greenland, and atmospheric "blocking" events in which high-pressure systems cause warm air to remain over the ice sheet. When these events occurred historically, the melting was not as extreme as in the newly examined cores. The research provides important context for the melting, which has caused the Greenland Ice Sheet to lose mass since the 1990s, the article states. [Chicago Tribune](#) also carried the Washington Post report.

Lyon's article on malaria in Ethiopian Highlands tapped as 2017 highlight

29 Mar 2018

[Environmental Research Letters](#) has selected the article [“Temperature suitability for malaria climbing the Ethiopian Highlands”](#) by Bradfield Lyon and co-authors for its [Highlights of 2017](#) collection. The 30 articles were chosen on the basis of reviewer and editor endorsement, as well as significance, scientific impact and breadth of appeal. Lyon is an associate research professor in the Climate Change Institute and School of Earth and Climate Sciences.

UMaine Extension guide focuses on marketplace communication skills

30 Mar 2018

University of Maine Cooperative Extension has a new [bulletin](#) for farmers and food producers on the role of communication in successful marketing. The publication includes guidelines on good communication practices for marketing and tips for applying these skills, whether selling goods direct to the consumer or business to business. “Communicating with Markets: A Producer’s Guide” was developed by Tori Jackson, a UMaine Extension associate professor of agriculture and natural resources; Leslie Forstadt, a UMaine Extension child and family development specialist; and Abby Sadauckas of Apple Creek Farm in Bowdoinham. For more information, to order bulletins for 50 cents each, or to download a free copy, visit the [Cooperative Extension Publications Catalog](#) or contact 581.3792, extension.orders@maine.edu.

Annual Juried Student Art Exhibition to open April 6

30 Mar 2018

The University of Maine Department of Art will present the 2018 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 6 to May 5 in the Lord Hall Gallery. The venue provides an opportunity for undergraduate students at all levels to exhibit their work. This year, 89 works of art 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. Hugh Lasson, a Maine sculptor, along with Laurie Hicks, a UMaine professor of art, and Susan Smith, an adjunct professor in the Intermedia MFA Program, juried the exhibition. During the April 6 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 9 a.m.–4 p.m. Monday through Friday and is wheelchair accessible.

FirstClass retirement update

30 Mar 2018

The project to retire the FirstClass email/conferencing system on May 24, 2018 continues to progress and is on schedule. The Center for Innovation in Teaching and Learning (CITL) and members of the FirstClass retirement project team are meeting with faculty, departments, and organizations to assist them with the transition to alternative solutions for FirstClass conferences and to migrate FirstClass email to Gmail. New UMaine MyCampus Portal announcement and community bulletin boards that replace FirstClass boards are open. Information about the boards is [online](#). Tips on what you should do now:

- If you are using FirstClass as your primary email account, you should transition to Gmail. Gmail training materials are [available](#) to help.
- If you subscribe to listservs and use your FirstClass address for those lists, you will want to change your email address with the listserv provider. You also will want to change your email address with online services.
- If you are a faculty member who needs assistance transitioning from FirstClass course conferences to an alternative course delivery solution, contact CITL at citl@maine.edu, 581.3333.
- If you have website content at an address beginning with www.umat.maine.edu, this content should be moved before the FirstClass system is retired.

Questions and comments can be sent to fc-migration-questions-group@maine.edu.

UMaine STEM outreach, SMART cited in BDN feature on Bangor teacher

30 Mar 2018

University of Maine STEM outreach programs were mentioned in a [Bangor Daily News](#) feature article on Bangor High School chemistry teacher Cary James. Over the past decade, Bangor High School students have dominated science competitions, including the Stockholm Junior Water Prize, Maine Science Bowl, and Maine State Science Fair, according to the article. Many credit James, chair of the school's Science, Technology, Engineering and Mathematics Academy, with the students' success. James earned a master's degree in plant pathology from UMaine in 1985, and worked for the University of Maine Cooperative Extension before becoming a teacher. In 2012, James and his colleagues, with help from faculty at UMaine, established BHS's STEM Academy, the first of its kind in Maine, the article states. Students in the STEM program undertake projects in which they do complex research — including the Stormwater Management Research Team, which James co-founded with UMaine engineering professor Mohamad Musavi. SMART brings students and community members together to collect data, develop solutions, and educate the public about stormwater pollution and management, the BDN reported.

WVII covers inaugural 'Concert for a Cause'

30 Mar 2018

[WVII](#) (Channel 7) reported on the University of Maine Concert Band's inaugural "Concert for a Cause" at the Collins Center for the Arts. The band, directed by Philip Edelman, headlined an evening of music, storytelling and fundraising. Proceeds from donations, merchandise and a bake sale went to EMMC Champion the Cure Challenge, which supports local cancer research. Local middle school and high school students joined the band onstage, and a 6-year-old cancer survivor served as guest conductor, according to the report. The UMaine Concert Band plans to partner with a different community cause every year, the report states.

Longcore's research cited in The Atlantic article on frogs, killer fungus

30 Mar 2018

Research by Joyce Longcore, a mycologist and associate research professor at the University of Maine, was mentioned in [The Atlantic](#) article, "Why are some frogs surviving a global epidemic?" In the early 2000s, Longcore was one of the only experts on a division of fungi called Chytridiomycota, or chytrids, and she identified a new genus and species of chytrid called *Batrachochytrium dendrobatidis*, or *Bd*, that turned out to be a primary cause of massive amphibian die-offs. In 2004, ecologists documenting declines in Central America asked Longcore to collect *Bd* samples in Panama. Back in her lab, she froze a set of fungi samples; some were used to trace the genetic origins of the epidemic, while others were stored for future work, according to the article. Amphibian die-offs have continued, and an estimated one-third of the world's nearly 6,000 amphibian species are threatened with extinction. However, some populations of frogs and toads thought extinct have been recently rediscovered, in greatly reduced but growing numbers. In 2012, a University of Nevada, Reno, biologist hypothesized that some frog and toad populations were recovering because the *Bd* fungus had become less deadly. But she and her colleagues found no significant differences between the decade-old *Bd* samples from Longcore's freezer and more recent samples from field sites in Panama, the article states. In lab studies, the researchers found that skin secretions from wild frogs were better able to inhibit *Bd* than skin secretions from frog populations moved into captivity to protect them from the fungus, suggesting that the wild frogs may have evolved better chemical defenses — or that the captive frogs, protected from pathogens for generations, may have evolved weaker ones, The Atlantic reported.

2018 Presidential Award winners named

30 Mar 2018

A fisheries scientist whose research informs commercial and recreational resource management, a popular mechanical

engineering professor whose classroom contributions include development of new curricula and educational software, and a soil scientist whose leadership and expertise benefit policymakers and the public are the recipients of the University of Maine's top faculty honors this year. Yong Chen, professor of fisheries population dynamics, will receive the 2018 Presidential Research and Creative Achievement Award. Senthil Vel, the Arthur O. Willey Professor of Mechanical Engineering, will receive the 2018 Presidential Outstanding Teaching Award. Ivan Fernandez, professor of soil sciences and forest resources, will receive the 2018 Presidential Public Service Achievement Award. The awards will be presented at the annual Faculty Recognition Luncheon May 12 beginning at noon in Wells Conference Center. "Outstanding teaching, research and public service leadership is key to providing a quality UMaine student experience, and to turning knowledge into solutions to meet needs in Maine and beyond," says UMaine President Susan J. Hunter. "The award-winning work of Yong, Senthil and Ivan epitomizes the distinction of Maine's public research university and the difference it makes." [caption id="attachment_59905" align="alignright" width="223"]



Yong Chen[/caption] Chen's interdisciplinary research focuses on quantitative fisheries ecology, and stock assessment and management, studying how harvesting and the environment may affect fish populations. His work incorporates fisheries biology, ecology, mathematical and statistical modeling, and computer simulation to develop models for fisheries stock assessments for a wide range of invertebrate and vertebrate species. Those include American lobster, sea urchins, sea cucumbers, sea scallops, shrimp and crabs to groundfish species, such as cod, cusk and halibut. His contributions to the American lobster stock assessment were key to the development of a sustainable fishery in Maine. Based on data collected from the fishery and scientific surveys, Chen's lobster stock assessment model is used by Atlantic States Marine Fisheries Commission to estimate the season-, size-, and sex-specific lobster stock biomass and fishing mortality rates in the Gulf of Maine and Southern New England, which informs the lobster management decision making. His stock assessment and habitat research also includes development of biological reference points and evaluation of changes in lobster habitat quality for the American lobster fishery management. Chen's impact on sustainable marine resource management in Maine and the region has made him a sought-after expert to assist and improve fisheries stock assessment in dozens of countries worldwide. Chen joined the UMaine community in 2000. He has published an average of 10 scientific publications annually and been awarded nearly 80 research grants from various funding agencies including the Maine Department of Marine Resources, NOAA and NASA. Chen also is well known for his exceptional mentoring of graduate and undergraduate student researchers in his lab, and in his fisheries course. Since 2014, Chen has been a fellow in UMaine's Senator George J. Mitchell Center for Sustainability Solutions. Chen received a Ph.D. in zoology from the University of Toronto. [caption]



id="attachment_59906" align="alignright" width="223"] Senthil Vel[/caption] Vel has established himself as a role model, outstanding educator and student adviser. He is an inspiring and gifted teacher, described as setting the standard for excellence in the Department of Mechanical Engineering and the College of Engineering. Vel teaches undergraduate and graduate courses in solid mechanics, composite materials and control systems. His contributions to engineering education — including development of curricula improvements, two new courses and multiple open-source software packages — have enhanced student learning at UMaine and beyond. Because of his well-known passion for teaching, students rush to sign up for his courses, no matter the subject. Vel encourages and challenges students to develop deep knowledge of the subjects they are studying, and constantly improve their communication and critical thinking skills. On their course evaluations, students in his classes regularly cite Vel as their top teacher at UMaine, and cite multiple examples of the level of effort he puts into every lecture and the extra steps he takes to ensure that students acquire the knowledge they need to be successful engineers. Vel's teaching is informed by his research, which involves undergraduate and graduate students. His work in the mechanics of composite materials, computational solid mechanics, micromechanical modeling of heterogeneous materials, multiscale modeling, and the properties of polycrystalline materials has received funding from such organizations as the National Science Foundation and the Office of Naval Research. Vel is a fellow of the American Society of Mechanical Engineers and recipient of four awards in the College of Engineering, including the highest faculty honor, the Ashley S. Campbell Award in 2015. Vel joined the UMaine community in 2000. He earned a Ph.D. in engineering mechanics from Virginia



Tech. [caption id="attachment_59907" align="alignright" width="223"] Ivan Fernandez[/caption] Fernandez has more than 30 years of distinguished service as a well-known professor and respected researcher who shares his extensive expertise in soil science, forest resources and environmental sciences with collaborators in his field, and with lawmakers, the public and media, and school students and teachers. He has appointments in the School of Forest Resources, the Climate Change Institute, and the School of Food and Agriculture.

His internationally recognized research, rooted in the effects of acid rain and climate change in Maine, has informed national policy regarding air, water and soil pollution; climate change; and human-ecosystem connections. Fernandez's work on soil acidification and impact on forest landscapes, and on climate change, has provided information, interpretation, sound scientific judgment and strategic planning for state and federal agencies, nongovernmental organizations, citizen groups and industry. Fernandez led the initiative in the 1990s through two legislative sessions to establish the Chesuncook soil series as the official state soil, signed into law by then Gov. Angus King, that has been widely used to promote awareness of soil resources. He has served on the Maine Board of Certification for Geologists and Soil Scientists for over two decades. Fernandez was appointed by then Gov. John Baldacci to co-lead the development of seminal science and policy reports on climate change — *Maine's Climate Future*, published in 2009 and 2015. His most recent initiatives include the creation of the Maine Climate and Agriculture Network to enhance information access about agriculture in a changing climate. Fernandez participated in the creation of Maine Climate News, in cooperation with University of Maine Cooperative Extension and Maine Sea Grant. In his work, Fernandez advocates for cost-effective, evidence-based climate change adaptation strategies in a wide range of issues — from coastal community planning in the face of sea level rise and ocean acidification, to participating in the development of climate adaptation planning for Acadia National Park, to development of technologies to enhance Maine's pollen monitoring network in recognition of the rising human health threats. In addition to his service with numerous state, regional and national organizations, Fernandez has served on a number of panels of the U.S. Environmental Protection Agency's Science Advisory Board over the past two decades. He is currently a member of the EPA SAB's chartered Clean Air Science Advisory Committee and chairs the Secondary National Ambient Air Quality Standards Review Panel for Oxides of Nitrogen and Sulfur. He also currently serves as the UMaine representative of the USDA Northeast Climate Hub. Fernandez received a Ph.D. in forest resources from UMaine and after a few years working in the forest products industry, returned to UMaine in 1983 to start teaching and develop his research program. His numerous honors include being named the 2008 Carnegie Professor of the Year for Maine and UMaine's 2007 Distinguished Maine Professor. Contact: Margaret Nagle, 207.581.3745

Faculty collaborate to effectively teach core biology concepts

30 Mar 2018

Each year, Maine's forest industry harvests 6 million to 7 million cords of wood to build homes and make furniture, paper and other products. Which of the following processes contributes the most to the increase in timber biomass? That's a question developed for students in biology courses on six University of Maine System campuses. The choices:

1. absorption of mineral substances from the soil via the roots
2. absorption of organic substances from the soil via the roots
3. incorporation of CO₂ gas from the atmosphere into molecules by leaves
4. incorporation of H₂O from the soil into molecules by green leaves
5. absorption of solar radiation into the leaf

When participating introductory biology students first answered this question, 25 percent clicked on the correct answer (included at the bottom of this article). Biology faculty from six University of Maine System campuses identified this and other concepts that students commonly misunderstand involving the roles that light, energy, carbon dioxide and nutrients have with photosynthetic organisms. To help undergraduates learn the concepts, faculty collaboratively developed a 75-minute lesson and taught it in introductory biology courses at six campuses. The activity includes clicker and discussion questions and activities about trees and other regionally economically relevant photosynthetic organisms, including potatoes and kelp. After discussion and a video, 92 percent of students chose the correct answer. Students demonstrated knowledge gains both in the short term with clicker questions and pre/post-testing, and in the long term on final exams, says Michelle Smith, an innovative UMaine science educator and the project's primary investigator. Smith is the C. Ann Merrifield Professorship in Life Science Education, an associate professor in the School of Biology and Ecology, and member of the Maine Center for Research in STEM Education (RiSE Center). Understanding and building on such key energy and matter concepts in subsequent courses is important, says Smith. "This project was a fantastic opportunity to collaborate with faculty throughout the state," says Smith. "We were able to identify a concept our students were struggling with and use a data-driven approach to make a difference in student learning." In addition, faculty members were able to discuss locally important industries such as aquaculture, forestry

and agriculture, as well as to grasp globally relevant issues, including rising atmospheric carbon dioxide. For instance, it takes 245 pine trees to offset the annual carbon footprint of an average household's energy usage in the U.S. This, says Smith, stimulates conversation when students begin to think about their energy usage in terms of numbers of trees. In prior research, Smith found that actively engaging college students in STEM classes increased their performance and decreased their failure rate when compared to classes where lecturing is the primary method of instruction. In addition, active learning narrows the achievement gap for first-generation students; nearly 42 percent of full-time students in the University of Maine System are first-generation students. Smith says introductory biology faculty members throughout the University of Maine System are committed to making their classrooms an inclusive place for students from diverse backgrounds. "While we were meeting for this project, we would often share instructional approaches that were making a difference at other campuses," she says. This project resulted from funds awarded by the University of Maine Research Reinvestment Fund. In addition to Smith, collaborating faculty and graduate students at UMaine included Emma Toth, Farahad Dastoor, Karen Nicole Pelletreau, Mindi M. Summers (now at the University of Calgary), Elizabeth Trenckmann and Erin Vinson. Other participants were Kim Borges and Peter Nelson at the University of Maine at Fort Kent; Jason Johnston and Judith L. Roe at the University of Maine at Presque Isle; Eric H. Jones at the University of Maine at Machias; Jennifer Page at Hurricane Island Center for Science and Leadership; Nancy Prentiss at University of Maine at Farmington; and Joseph Staples at the University of Southern Maine. Another prior collaborative project developed by 25 faculty at six different institutions — involving an active-learning lesson to improve student understanding of a core biology concept called central dogma — worked so well the same collaborative approach was applied to this Research Reinvestment Fund project across the University of Maine System. As for the question about timber biomass, although most students initially selected B — absorption of organic substances from the soil via the roots contributes most to the increase in timber biomass — the correct answer is C. Incorporation of CO₂ gas from the atmosphere into molecules by leaves is the process that contributes most to the increase in timber biomass. To learn more, read about the team's objectives, lesson, methods and findings on CourseSource in the article titled "[Using Place-Based Economically Relevant Organisms to Improve Student Understanding of the Roles of Carbon Dioxide, Sunlight, and Nutrients in Photosynthetic Organisms](#)." Contact: Beth Staples, 207.581.3777

Iva Jugovic: UMaine alumna shares her journey from Serbia to Switzerland

30 Mar 2018

Iva Jugovic started her academic journey at the University of Maine in 2011. At the age of 19, she traveled 4,000 miles across the Atlantic, from her hometown Leskovac, Serbia to Orono, Maine to pursue her undergraduate studies. The recipient of a full-tuition scholarship to UMaine, Jugovic quickly took an interest in the health-related sciences and began working closely with Alice Bruce, an associate professor of chemistry. Bruce became Jugovic's mentor and a strong supporter of her academic development. Under her guidelines, Jugovic began her capstone research as a third-year student and continued her project until the end of her studies. Throughout her undergraduate studies at UMaine, Jugovic remained active within both academic and extracurricular spheres. She worked as a resident assistant, teaching assistant for organic chemistry, and Maine Learning Assistant for inorganic chemistry and pre-calculus. Jugovic was a recipient of numerous awards including the 2015 President Winthrop C. Libby/Reverend Pavlos T. Taiganidies Award for extraordinary contributions to international relations, with additional accolades related to scholastic achievement and moral leadership. Jugovic is a member of Phi Beta Kappa, the first national honor society and Phi Mu Epsilon. In 2015, she graduated summa cum laude with a bachelor's degree in biochemistry and a minor in Spanish. Coming from a war-torn country, Jugovic's early childhood experiences combined with the UMaine academics, and her work with professor Bruce lead her toward the field of public health. In 2015, Jugovic began her master's degree studies at St. John's College, University of Cambridge after becoming the recipient of one of four full PEXIM Cambridge Trust Scholarships. "It was my dream to attend Cambridge," Jugovic says. "For four years, I kept a photo of St. John's College as my desktop background. It was a subtle reminder of what I wanted the next step to be." At the University of Cambridge, Jugovic became involved with college rowing. She was an active member of the Cambridge Yugosphere Society and as PEXIM scholar helped organize the fifth annual PEXIM-BSCC dinner attended by several high-level Serbian officials, numerous industry leaders, as well as current students and Cambridge alumni. In 2016, Jugovic completed her master's degree in public health. Jugovic now resides in Basel, Switzerland, where she works as a public policy intern at Novartis, a leading international health care company. From writing policy papers to preparing public engagement briefings, her work affects multiple projects, including drug launch policy. Jugovic recently attended the 2018 World Economic Forum Annual Meeting in Davos, Switzerland, supporting the Novartis delegation. "It was a

privilege and an incredible experience to be a part of the annual meeting attended by the highest political figures and industry leaders of the world,” Jugovic says. **What do you consider to be your greatest accomplishment to date?** I am very proud to have secured highly competitive scholarships to attend excellent research universities like UMaine and Cambridge, where I have been fortunate to work with leading experts in the field. It is important to me that I now have the ability to use the skills and knowledge that I have acquired to make a positive impact and affect public health policy. Spending most of my adult life abroad developing international contacts has been a strong passion of mine. It was therefore an honor to be elected vice president of the International Student Association during my time at UMaine. Being recognized and rewarded for the extraordinary contribution to the international relations and culture at UMaine was the highest distinction for me. **Beyond academics, what extracurricular activities were you involved with at UMaine?** My involvement with the UMaine community really allowed me to enjoy my college experience to the fullest. I worked as a resident assistant for three years, a job that greatly shaped my interpersonal and social skills, and showed me that I could make an incredible impact on my peers and support them throughout their academic career. My interactions with people as an RA have taught me valuable life lessons. Beyond my work as an RA, I also was a member of the International Student Association, I regularly participated in the annual International Dance Festival and Culturefest, and was a member of the Black Bear Leaders program. **Why did you choose UMaine?** UMaine offered the program I was looking for. The fact that I was awarded a full scholarship to attend UMaine meant that I could make my academic goals a reality. Furthermore, I was drawn to the natural beauty of Maine and the northeast U.S., which I knew I would enjoy immensely. **How would you describe UMaine’s academic atmosphere?** I found the atmosphere to be very engaging and supportive, which motivated me, even through challenging times. I worked to cultivate positive relationships with my professors to gain a better understanding of my field of studies. I’ve always been appreciative of how approachable, open-minded and incredibly supportive the faculty are. They made a conscious and apparent effort to get to know me, a gesture that solidified my great opinion of the academics at UMaine. This atmosphere made my experience much more enjoyable. **What was your most memorable UMaine experience?** I had many memorable experiences at UMaine. One of my favorites was the International Dance Festival. Joining a group of powerful women and learning dance choreographies was an incredible experience enriched with culture and traditions from all over the world. When I think about our performances now, I don’t recall the steps, but I never forgot how much fun I had and how happy I was standing alongside my friends on the stage. **How does UMaine continue to influence your life?** The University of Maine offered me a strong foundation for cultivating my academic and professional skills, from the knowledge of biochemistry that I received to the interactions that I had with my peers and professors. My experiences at UMaine were certainly a springboard for my career in public health. One of the best parts of going to the University of Maine was the people I met during my time there. My peers taught me the value of true friendship. I met some of my best friends there, which is why UMaine will be the ‘college of my heart, always.’ **What is your advice for incoming students?** Stay motivated and cherish the opportunities to interact with your professors, as they can help guide you to a well-established professional career. But also have fun and make the best of it. UMaine is a great place, so take advantage of everything it has to offer while you are there. It goes by in a heartbeat. Contact: Margaret Nagle, 207.581.3745

SPIFFY wins portfolio competition

30 Mar 2018

SPIFFY, the Maine Business School’s student investment club, has won first-place in a worldwide portfolio competition. The competition was part of the Quinnipiac Global Asset Management Education (GAME) VIII forum March 22–24 in New York City, in which 1,500 students from more than 160 colleges and universities had the opportunity to interact with industry leaders and learn best practices in investment strategy. An important feature of the annual event is the portfolio competition that compares the performance of student-managed investment funds. Each college investment team submitted its portfolio account statements, along with asset holdings. “This is the first time SPIFFY has won this challenging competition and so it is a very significant success,” says Sebastian Lobe, assistant professor of finance and SPIFFY co-adviser with finance and accounting lecturer Matt Skaves. “Since portfolio performance is measured by evaluating the monthly returns during the calendar year 2017, the award pays homage to SPIFFY members from the last academic year as well as from the current year.” Co-president and finance major John Laperle says the award “demonstrates how SPIFFY is in the top tier of student-managed portfolios.” SPIFFY (Student Portfolio Investment Fund) oversees nearly \$3 million for the University of Maine Foundation. The club was established in 1993 with a donation of \$200,000. Today, with more than 50 undergraduate members from a variety of disciplines,

SPIFFY meets weekly to discuss changes to its portfolio. At the awards ceremony March 23, the announcement of SPIFFY's win in the "value portfolio" category was a "joyful surprise," says Lobe, who accompanied 14 student members to this year's GAME forum. "What a wonderful timing since SPIFFY celebrates its 25th anniversary this September," he says. Former UMaine finance professor and SPIFFY founder Bob Strong, who led trips to the GAME forum each year from 2000 until his retirement in 2015, says he "always enjoyed seeing UMaine students rub shoulders with participants from much larger schools and proudly point out that the SPIFFY funds were considerably larger than theirs."

Former administrative secretary Coates passes away

02 Apr 2018

Alida Coates passed away March 27 at the age of 95. As administrative secretary in the University of Maine Political Science Department from 1972 to her retirement in 1989, Coates was an advocate for students and "guided seven professors during their respective terms as chairperson," according to Ken Palmer, professor emeritus of political science who was one of those chairs. An obituary is [online](#).

Black Bear Food Guild selling farm shares

02 Apr 2018

Black Bear Food Guild, the University of Maine's community-supported agriculture (CSA) share program organized and managed by sustainable agriculture students, is in its 24th season. Full, half and quarter shares are being offered on a first-come, first-served basis for \$500, \$350 and \$200, respectively. The 2018 season will run from mid-June through October, with weekly produce pickups at Rogers Farm in Old Town. Shares purchased before April 15 will be eligible for a 10 percent discount. The student farmers this year are Hannah Peters, Delaney Overlock and Sarah DellaRatta. For more information or to purchase a share, email blackbearcsa@gmail.com.

Keynote presentations to highlight Islamic Awareness Week

02 Apr 2018

Members of the University of Maine and surrounding communities are invited to learn about Islamic faith and culture during a week of activities, April 2–7. 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, hijab wrapping and Islamic jeopardy will take place Monday through Friday at the UMaine Muslim Students' Association (MSA) table in the Memorial Union. The "Finding Stability in a World Out of Balance" themed week will be highlighted by two free keynote presentations. Dr. Saadia Mian, an endocrinologist in Dearborn, Michigan who is affiliated with ProMedica Herrick Hospital, will speak 5–7 p.m. April 6. Mian's presentation, "Honoring Women in a Dishonoring World" will be held in the Bangor Room of the Memorial Union. Shaykh Saad Tasleem, a public speaker and instructor at the AlMaghrib Institute in Houston, Texas, will present "Spiritual Contentment and Societal Harmony" from 5–7 p.m. April 7 at the Islamic Center of Maine. Tasleem's talk will be part of the Islamic Center of Maine's annual open house. Refreshments will be served at both presentations. Islamic Awareness Week is organized by the MSA, Islamic Center of Maine and the Honors College, with support from several UMaine programs. More information about Islamic Awareness Week is [online](#).

Cowan receives Steve Gould Award

02 Apr 2018



[caption id="attachment_59938" align="alignright" width="223"]

Laura

Cowan[/caption] Associate professor of English Laura Cowan was named the winner of the University of Maine's 2018 Steve Gould Award. The annual 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. It was created in 1981 by the family and friends of Steve Gould in memory of "a man of honest and passionate concern for others." The Gould Award was presented April 2 at the Employee Recognition and Awards Luncheon. Nominators note that in her three decades as a member of the UMaine community, Cowan has been a leader, role model and mentor supporting women colleagues, students and staff, and committed to effecting positive change. As then chair of the Faculty Senate Environment Committee and as AFUM delegate, Cowan had a crucial role in helping establish UMaine's Stopping the Tenure Clock initiative for faculty who are going through childbirth, child rearing, adoption or other exceptional life circumstances. She also is cited as being instrumental in calling for a gender equity study of UMaine faculty salaries. As a former English Department chair and graduate coordinator, Cowan focused on student, faculty and staff success, including mentorship programs for junior faculty. She also is cited for her leadership in Interdisciplinary Studies. "At the foundation of Environmental Studies is egalitarian reverence for all living things," wrote one of her nominators. "Thus defined, environmentalism informs everything Cowan does. For professor Cowan, the bedrock of kindness and compassion is respect for students, for staff, for colleagues and for everyone around her. She recognizes and respects diversity and the intrinsic worth and dignity of every human being, including those who are different, those who are invisible, those who are oppressed and those who are marginalized." Cowan's research focuses on literature and the environment, modernism and feminism. Her latest book is on feminist writer Rebecca West; her next volume will be on Rachel Carson. Colleagues noted Cowan's leadership in the National Poetry Foundation, including as principal investigator on a Maine Academic Prominence Initiative grant, and as editor of its signature journal *Paideuma*. In addition, Cowan's community engagement is extensive — from co-creating a service learning course and teaching senior college classes to being active in Penobscot Theatre and participating on other local, national and international committees and boards. As another nominator noted, Cowan "never stops thinking about and finding inventive ways to work for the students and the communities the university services."

Grad student writes Sun Journal op-ed on providing proper nutrition in schools

02 Apr 2018

Rachel Buck, who teaches alternative education at Dirigo High School in Dixfield and is pursuing a master's degree in social work at the University of Maine, wrote an opinion piece for the [Sun Journal](#) titled, "Provide all school children with proper nutrition."

Fiddlehead Focus, Republican Journal report on 2018 Maryann Hartman Award winner

02 Apr 2018

[Fiddlehead Focus](#) and [The Republican Journal](#) published an article on one of three winners of the University of Maine's 2018 Maryann Hartman Award. Kate Braestrup, chaplain for the Maine Warden Service since 2001, was chosen as one of this year's recipients and was presented the award by Col. Joel Wilkinson of the Maine Warden Service, according to the articles. "Kate is a tremendous human being first and foremost, with a valid understanding of her role in service to others," Wilkinson stated. "She does this from a centered place of genuine care for others. She is a tremendous resource to the state of Maine, the Maine Warden Service and the entire law enforcement community. We are so proud of her, and glad she is being recognized by the university for this award." The awards recognize Maine women whose achievements in the arts, politics, business, education, health care and community service provide inspiration for women. The awards honor the legacy of the late associate professor of speech communication who was a distinguished educator, feminist, scholar and humanitarian. Community organizer and activist JoAnne Dauphinee of Bangor and state legislator Peggy Rotundo of Lewiston also received 2018 Maryann Hartman Awards. The [Bangor Daily News](#) published a UMaine news release about all of the winners.

Mainebiz cites UMaine, Maine Brewers' Guild study in article on regional summit

02 Apr 2018

A 2017 study released by the Maine Brewers' Guild and conducted by the University of Maine School of Economics was cited in a [Mainebiz](#) article on the third annual New England Craft Brew Summit held in Portland. The study showed that Maine brewers had a \$227.95 million economic impact in 2016 and employed a total of 2,177, both including multiplier effects from related businesses, the article states.

WABI previews Kaohsiung American School String Orchestra performance

02 Apr 2018

[WABI](#) (Channel 5) advanced a free public concert by the Kaohsiung American School (KAS) String Orchestra of Taiwan at the University of Maine. More than 20 students are a part of the group and more than half of them are ninth and eighth grade students, WABI reported. KAS is a private, nonprofit, co-educational PreK–12 institution in Kaohsiung, Taiwan offering an American, college preparatory program leading to a U.S. high school diploma. The UMaine concert is the school's first orchestra performance on a college campus in America, the report states. The visit was initiated by Thomas Farrell, the superintendent emeritus of KAS and a UMaine alumnus. "The music part tends to be the students who work the hardest and yet they don't get a lot of exposure, and this string orchestra is very, very good and we think it's time for the world to see how good these kids are," Farrell said.

AP reports on Yarborough's 2019 retirement

02 Apr 2018

The Associated Press reported David Yarborough, a wild blueberry specialist with University of Maine Cooperative Extension, will transition into retirement in early 2019. Yarborough is a well-known authority on the fruit, which is one of the biggest agricultural products in the state and the source of a handful of summer festivals, according to the article. Yarborough will be replaced by Lily Calderwood, a new wild blueberry specialist and assistant professor of horticulture at UMaine, the report states. Calderwood said she is looking forward to learning under Yarborough in the coming year and identifying the needs of Maine's wild blueberry growers. [The Seattle Times](#), [The Sacramento Bee](#), [Bangor Daily News](#), [Morning Ag Clips](#), [News Center Maine](#) and [WABI](#) (Channel 5) carried the AP report.

Site selected for new Engineering Education and Design Center

02 Apr 2018

The new Engineering Education and Design Center (EEDC) will be sited on the current location of the Machine Tool Lab on campus. The site selection was approved by UMaine President Susan J. Hunter, based on the recommendation of an 11-member university building committee, working with the (EEDC) design team of WBRC Architects Engineers, based in Bangor, and Ellenzweig of Boston. To make its recommendation, the committee spent three months reviewing

eight potential sites along with associated costs. The location for the new facility is between Boardman and Barrows halls, and has frontage along Long Road. “This site is at the heart of the engineering district, allowing all our students to take advantage of the extensive teaching and project laboratories, as well as active learning classrooms. It will be a highly visible building on the UMaine campus,” says Dana Humphrey, dean of the College of Engineering. Determining the location of the new center was the critical next step in taking EEDC from concept to reality, says Hunter. “This is a project that will allow us to advance engineering education to the next level to meet the needs of our students and the state,” Hunter says. “With the site determined, we can now begin to truly envision how EEDC will change the UMaine educational and physical landscape. This project is so exciting because of its statewide impact.” The one-story Machine Tool Lab, built in 1936, currently houses teaching laboratory spaces and two classrooms, largely for the School of Engineering Technology. These functions will either be accommodated in EEDC or another facility in the engineering district. Approval by the University of Maine System Board of Trustees of the full design and cost estimate of the Engineering Education and Design Center is planned for later this year, with groundbreaking anticipated in spring 2020 and completion in 2022. March 19, it was announced that the EEDC project had received an anonymous gift of \$10 million from the family of a University of Maine engineering graduate — the single largest capital gift in UMaine history. Last December, WBRC and Ellenzweig were selected to design the new center, proposed to be up to \$80 million. Up to \$19 million remains to be raised toward EEDC construction. Contact: Margaret Nagle, 207.581.3745

Grad students visit DC to gain perspectives on fishery policy, management

03 Apr 2018

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Graduate students in Washington, D.C.[/caption]

Graduate students in University of Maine assistant research professor Joshua Stoll’s fisheries policy and management course traveled to Washington D.C. March 30. The students met with U.S. Sen. Angus King’s office, the National Oceanographic and Atmospheric Administration’s Sustainable Fisheries Division, and the Lenfest Ocean Program. Meeting with state, federal and nongovernmental representatives showed the students a variety of perspectives about current fisheries issues. The students asked representatives what they saw as the most pressing challenges in the future of fisheries policy and management and also used the trip as a professional development opportunity.

Retired CCI researcher Terry Hughes passes away

03 Apr 2018

Terry Hughes, 80, died March 10 at his home in Ft. Pierre, South Dakota. In 1974, Hughes began a joint appointment at the University of Maine in the Department of Geological Sciences (now the Department of Earth Sciences) and the Institute for Quaternary Studies (now the Climate Change Institute). His glaciological and climate research was published in numerous scientific journals and books, and many of his students went on to become prominent glaciologists and glacial geologists. Hughes retired in 2010. His obituary is [online](#).

Conservation biologist, Aldo Leopold scholar to lecture at UMaine

03 Apr 2018

Curt Meine, a senior fellow at The Aldo Leopold Foundation, will visit the University of Maine on April 9 and 10 to deliver a lecture on environmental resilience, and screen and discuss his role in the Emmy award-winning film “Greenfire.” His lecture, “Aldo Leopold and resilience in a time of rapid change,” will launch two days of events focused on environmental resilience in a changing world. The presentation will be held at noon April 9 in Norman Smith Hall, Room 107. Other events include an April 9 screening of “Greenfire” with an introduction by Meine, the film’s narrator. A discussion with UMaine representatives Amber Roth, an assistant professor of forest wildlife management; Lloyd Irland, a faculty associate in the School of Forest Resources; and graduate student Anna Buckardt will follow the 5 p.m. showing in Nutting Hall, Room 100. Meine also will present “‘Greenfire’ in the Making” at 5 p.m. April 10 in Nutting Hall, Room 204. Meine has earned an international reputation as conservation biologist, writer and historian through his work at The Aldo Leopold Foundation; as an adjunct faculty member at University of Wisconsin-Madison; a senior fellow with the Center for Humans and Nature; and a research associate with the International Crane Foundation. Admission to the lectures and film screening is free, and no advanced registration is required. Meine’s lecture and related events are supported by UMaine’s Department of Wildlife, Fisheries, and Conservation Biology’s Seminar Series; the School of Forest Resources; and the Center for Research on Sustainable Forests. More about Meine and The Aldo Leopold Foundation is [online](#).

Socolow quoted in Press Herald report on ‘fake stories’ TV segment

03 Apr 2018

Michael Socolow, an associate professor of communication and journalism at the University of Maine, spoke with the [Portland Press Herald](#) for the article, “Maine TV stations among outlets airing ‘fake stories’ segment scripted by corporate owner.” Portland’s WGME-TV (Channel 13) and WPFO-TV (Channel 23) have been swept up in a national controversy since their corporate parent, Sinclair Broadcasting Group, directed local anchors at its nearly 200 stations across the country to record a scripted promotional segment warning viewers about “fake stories” from competing media outlets, according to the article. Socolow said Sinclair’s move likely had little to do with the Maine audience. “The actual audience for the Sinclair commentaries is not the home viewer,” he said. “The audience is clearly the political consultants in Washington who are buying ads for the 2018 midterms and for the federal regulators who have to approve the takeover of the Tribune stations.” By echoing Trump’s rhetoric about “fake news” and by suggesting they are “fairer” than their competitors, Sinclair is hoping to curry favor with regulators while getting a marketing edge with Republican strategists, according to Socolow. “Just as Fox News calls themselves fair and balanced in order to indict their competition, Sinclair is discussing fake news in order to distinguish themselves in the marketplace,” he said.

Process Development Center mentioned in MaineToday article on beer coasters

03 Apr 2018

The University of Maine’s Process Development Center was mentioned in a [MaineToday Magazine](#) article about a Maine-based company looking to develop beer coasters. After entrepreneur Kai Smith found the vast majority of the world’s coasters come from one town in Germany, he learned the raw materials used to make them are similar to what is available locally, which could create an opportunity for Maine’s foresters. The new company, Maine Beer Coasters, is prototyping locally made coasters with help from the Process Development Center and using funds awarded by the Maine Technology Institute, according to the article. The Process Development Center will help determine if there are any differences in composition between the Maine spruce pulp and the German pulp and how to make the best product possible using local materials, the article states. Typical coasters are made from a layered “web” of wood fibers, made of spruce and softwood pulp and 20 to 40 percent recycled newsprint. Smith said he hopes to replace the newsprint portion with spent grain. “I’ve discovered, and been told by the University of Maine, that the fibrous nature of the grain will act as a good substitute and may even be a smoother finish for printing purposes,” he said. [Woodworking Network](#) also published an article on the project.

Vekasi speaks with Press Herald about Maine escaping Chinese tariffs

03 Apr 2018

Kristin Vekasi, an assistant professor of political science and international affairs at the University of Maine, spoke with the [Portland Press Herald](#) for an article about how Maine's biggest exports, including lobster, wood pulp and airplane parts, are not targeted by the first round of Chinese tariffs in the brewing trade war with America. A luxury item like lobster may be immune, or at least insulated, from the impact of tariffs because the middle class Chinese who can afford to buy it may not care about that higher price, said Vekasi, whose research focuses on international political economy in Northeast Asia. They may even prefer a higher-priced lobster because it enhances its value as a status symbol, she said. Chinese seafood buyers also could obtain Maine lobster through secondary trade routes, which have supplemented direct lobster exports to China for years, according to the article. But one of the most likely candidates for Maine to use to indirectly supply China's growing middle-class appetite for lobster is South Korea, but that country currently is enduring a China boycott because of Seoul's deployment of a U.S. missile shield, Vekasi said.

Social media spotlight: Noah Car

03 Apr 2018

Hometown: Hobe Sound, Florida He studies mathematics, with a concentration in applied math and a double minor in statistics and computer science. He plans on graduating in 2020 and pursue a career as a data scientist. I've always been fascinated by data and data structures, and the complex information that can be gathered from a simple data set. I'm an amateur strength athlete and will compete in my first powerlifting meet this July. I also enjoy snowboarding and hiking. Professors here have been incredibly attentive and supportive, and I love the small-town feel of the campus. See posts featuring Car on UMaine's [Facebook](#) and [Instagram](#) pages.

Silver Duo to perform at Congregation B'nai Israel in Ohio

04 Apr 2018

The Silver Duo, Phillip Silver and Noreen Silver of the University of Maine School of Performing Arts, will perform April 15 at the Congregation B'nai Israel in Sylvania, Ohio. The performance will be part of a community observance event for Yom HaShoah, or Holocaust Memorial Day, and will include music by silenced composers of the Holocaust. Phillip Silver hopes that through his research and performances, these composers will be rediscovered and their voices will be heard.

UMaine Extension offering vegetable gardening workshop twice in April

04 Apr 2018

University of Maine Cooperative Extension is offering a vegetable gardening workshop twice in April in Franklin County. The workshop will be held 6–7:30 p.m. April 11, in the Wilton Town Office meeting room, and at the same time April 18, at the Jim Ditzler Memorial Public Library in New Sharon. UMaine Extension agricultural professional David Fuller will be the instructor. Topics include soil testing; recommended vegetable varieties, particularly carrots and tomatoes; pest management; and finding additional resources for the gardening season. The \$5 fee includes materials. Register online. For more information or to request a disability accommodation, contact 778.4650 or tiffany.wing@maine.edu.

2018 UMaine Business Challenge winners announced

04 Apr 2018

The UMaine Business Challenge, presented by Business Lending Solutions, hosted the seventh annual collegiate business plan competition March 31 at the University of Maine. This year's winners — all UMaine students — are Patrick Breeding of Zephyrus Simulations, who won the first place-prize of \$5,000; Nicholas Lajoie of IoTato, who was

awarded the \$10,000 innovation prize; and Justin Gagnon and the 207 Backpacks team, who received the second-place prize of \$1,000. Prior to winning the UMaine Business Challenge, Breeding and his team also won grants from the Libra Future Fund and the Maine Technology Institute for their low-cost medical breathing simulator. Lajoie has developed technology using affordable sensors to help potato farmers manage their inventory to prevent rot during the winter. He will receive \$5,000 up front and another \$5,000 when he achieves milestones set by the challenge's advisory board. Gagnon and his team are creating a proprietary modular pack system that will help more people get outdoors.

Career Center to host International Career Day

04 Apr 2018

The University of Maine Career Center will host International Career Day on April 4. An International Career Panel will be held at 5:30 p.m. at the Career Center, located on the third floor of the Memorial Union. Professionals will speak about their career path and discuss the future and importance of international careers. Panelists scheduled to participate are William Farrell, principal consultant at Swordfish Consulting International, who serves as cooperating faculty with the Maine Business School and UMaine's School of Policy and International Affairs (SPIA); United States diplomat Pamela White, the former ambassador to Haiti and The Gambia; Daniel Sandweiss, a UMaine professor of anthropology and climate studies; Kenneth Hillas, a retired U.S. diplomat and adjunct professor in SPIA; and Hannah Hudson, who joined The Cohen Group in September 2014 after graduating from SPIA with a master's degree in global policy. Attendees will be able to ask questions and meet the panelists following the discussion. Also on April 4, the Health Professions Club will host Elizabeth McLellan, the founder and president of Partners for World Health, at 6 p.m. in the Walker Room, Memorial Union. International Career Day is co-organized by SPIA. More information is available by emailing Naomi Rose Caywood, naomi.caywood@maine.edu.

UMaine mentioned in Mainebiz article on Old Town business development

04 Apr 2018

The University of Maine was mentioned in a [Mainebiz](#) article about new federal legislation that removes deed restrictions on land at the Old Town Airport, allowing it to be used for business development. The bill to help spur economic growth and job creation in Old Town was signed into law by President Donald Trump, according to the article. The city has invested more than \$1 million in infrastructure improvements to help bring job creators to the site, and businesses have already expressed interest, the article states. For overall economic growth, the city has identified six targeted industry sectors that, through existing industry-academia collaborations spurred by UMaine, are expected to present the greatest opportunities for future growth: forest bioproducts, advanced materials and composites, sensors and nanotechnologies, new media and IT, food sciences and human nutrition, and data centers and super-computing, MaineBiz reported.

Elementary students learn farming skills through GrowME program, media report

04 Apr 2018

[WABI](#) (Channel 5), [WVII](#) (Channel 7) and [The Piscataquis Observer](#) reported on the hands-on GrowME program that aims to teach Piscataquis County Elementary School students farming skills. The initiative is a collaboration among the Valley Grange, University of Maine Cooperative Extension in Piscataquis County, and Piscataquis County Soil and Water Conservation District. Program director Walter Boomsma told WABI the program was started about seven years ago to introduce agricultural literacy in the classroom. "These are skills that every kid will have some use for at some point in their life," Boomsma told WVII. "They don't have to be an engineer, they don't have to be a doctor to use these skills." Children in the program recently learned how to make butter, according to the reports. "I see the students learn a little bit about Maine tradition, agriculture, hands-on learning," said Anita Wright, the school's principal. "They always get very excited."

Media report on 2018 UMaine Business Challenge winners

04 Apr 2018

The [Portland Press Herald](#), [Morning Sentinel and Kennebec Journal](#) and [Maine Startups Insider](#) reported on the winners of the seventh annual UMaine Business Challenge, the largest business-plan competition for college students in the state. Three teams of student entrepreneurs — all from the University of Maine — walked away with cash prizes, according to the Press Herald. Patrick Breeding of Zephyrus Simulations won the first-place prize of \$5,000, with Nicholas Lajoie of IoTato winning the \$10,000 innovation prize. Justin Gagnon and the 207 Backpacks team took home the second-place prize of \$1,000. Prior to winning the UMaine Business Challenge, Breeding and his team won grants from the Libra Future Fund and the Maine Technology Institute to develop a state-of-the-art medical simulator at a low cost, the Press Herald article states. [Potato Grower](#) also reported on the winners, citing the Press Herald article.

Cameron Fudge: Transfer student drawn to UMaine for biomedical research experience

04 Apr 2018

In January 2017, while Cameron Fudge was a student at Southern Maine Community College in Portland, he took a weeklong biomedical training course taught by Kristy Townsend, an assistant professor of neurobiology at the University of Maine. The course, which was offered to SMCC students, focused on investigating fatty liver disease and took students through common cell and molecular techniques that would be used in biomedical research. Professional development and biomedical career topics also were covered. “We gained fundamental experience in how to culture cells, expose cells to different fatty treatments, and then capitulate those results in a meaningful way,” says Fudge of Farmingdale, Maine. “Furthermore, the course taught us an overview of bioinformatics, professional development in biology, and allowed us to make personal connections with our instructors.” After completing the course, Fudge transferred to UMaine in fall 2017 to pursue a bachelor’s degree in biology and a minor in business administration. “I chose to transfer to UMaine because it was an in-state research institution with a solid reputation,” he says. “I knew this institution had readily available research opportunities for undergraduate students, and that was my main focus when looking at schools.” He is now researching adult neural plasticity in Townsend’s lab. **Why did you decide to take Townsend’s biomedical training course?** I want to understand core aspects from a broad range of biological disciplines. Understanding cell culture and cell biology was, at the time, an area where I wasn’t necessarily proficient. Developing an understanding of the techniques used within the short course allowed me to turn around and assist with the course the following year. Furthermore, from the experience I gained, I was able to become the Maine Learning Assistant for BIO 480 Cell Biology this semester. **Describe the current research you are working on in Townsend’s lab:** The research I’m working on surrounds the regulation of energy balance by a subset of brain cells located within the hypothalamus. We’re interested in manipulating these cells and assessing changes within how the body responds to different dietary stimuli. This research could impact conditions such as obesity, diabetes and other metabolic ailments. **What interests you about this topic and biomedical research in general?** I’m interested in biomedical research because I’m curious about how life works. Moreover, I gain fulfillment conducting work with the potential profound impact we can have on improving human longevity. Particularly, this project focuses on diabetes, obesity and metabolic dysfunction, which are currently at epidemic levels within the United States. There is so much we don’t understand about the brain, and I believe this research will have far-reaching implications ultimately helping an immeasurable number of people. I’m proud, and lucky, to be a part of research like this. **Describe what it’s like working with Townsend. How has her guidance made your UMaine experience better?** Townsend has been an excellent mentor. Working in her lab has given me a different perspective on how to do ‘good’ science, and exposed me to techniques and experiences I wouldn’t have otherwise been able to perform. Townsend, and the other students working in her lab, have all served as invaluable friends, mentors and colleagues. The relationships I developed working in this lab have directly contributed to both my success as an aspiring scientist and a well-rounded student. **What difference has UMaine made in your life and in helping you reach your goals?** UMaine has provided an excellent amount of opportunity to do research and develop meaningful relationships with people along the same path. I believe the community here at UMaine is fantastic and promotes creativity and inclusiveness, especially for a transfer student. I’ve met a lot of excellent people and done a lot of excellent research since I’ve been here. **Beyond academics, what extracurricular activities occupy your time?** Outside of school I’m working on a paper with MDI Biological Laboratory, so science incorporates much of my time. Aside from that, I’m an avid runner, I play intramural sports, and I’ve started working on a novel. I also enjoy hiking, camping, fishing and taking advantage of many of the natural wonders that we’re blessed with in the state of Maine. **What are your plans for after graduation?** Right now, I’m interested in going to graduate

school to pursue a Ph.D. in biomedical science. I'm taking a business minor so I can hopefully work in an industrial setting designing products that improve quality of life for all. Contact: Elyse Catalina, 581.3747

Wolff among contributing authors of award-winning 'Amateur Movie Making' book

05 Apr 2018

"Amateur Movie Making: Aesthetics of the Everyday in New England Film, 1915–1960," edited by Martha J. McNamara and Karan Sheldon, received the 2018 Best Edited Collection book award from the Society for Cinema and Media Studies. The society is the leading scholarly organization in the United States dedicated to the study of film, television and related media. Justin Wolff, associate professor of art history at UMaine, is one of a dozen authors who contributed to the anthology.

Keeping small ruminants healthy with UMaine Extension

05 Apr 2018

Keeping sheep, goats, alpacas and other small ruminants healthy is the focus of an April 14 workshop from 1–3 p.m. at the Foxcroft Veterinary Clinic in Dover-Foxcroft. Sponsored by University of Maine Cooperative Extension, topics will include what is considered normal for specific animals, such as nutrition, vaccination schedules, deworming, foot care and basic veterinary care. Dr. Catarina Ruksznis, a large-animal veterinarian in Vermont, will lead the workshop. Ruksznis is originally from Dover-Foxcroft. Live demonstrations will be held in the barn. Participants must dress for the weather and wear shoes that can be disinfected on-site. The workshop is free; online registration is requested. Youth under the age of 12 must be accompanied by an adult. For more information or to request a disability accommodation, contact 564.3301, extension.piscataquis@maine.edu. More information also is available [online](#).

Retirement open house for Cliff Wilbur, Wendy Erickson April 11

05 Apr 2018

The University of Maine Office of Research Administration and the Forest Bioproducts Research Institute invite members of the UMaine community to celebrate and honor the achievements and leadership of Cliff Wilbur and Wendy Erickson at a retirement open house April 11. Wilbur is the assistant director of information management in the Office of Research Administration, and Erickson is the administration manager at FBRI. They have a combined 49 years of service to the University of Maine System. The open house will be held 3–4:30 p.m. in the McIntire Room of Buchanan Alumni House. Remarks will begin at 3:30 p.m. and refreshments will be served.

Donations sought for student-led Maine Day Meal Pack-out

05 Apr 2018

Donations are being sought for the Maine Day Meal Pack-out at the University of Maine on May 2. In meal pack-out events, campus and community volunteers pack meals that are then given to food banks and community organizations that feed the hungry. The goal of this year's event is to contribute as many meals as possible to Maine's food-insecure community while raising awareness about food insecurity and promoting experiential learning of service activism, according to student organizer Jack Brown. The event will be held at 9 a.m. in the New Balance Student Recreation Center. It is organized by UMaine students, including those from the Honors College Student Advisory Board, UMaine Student Government, Panhellenic Council, Interfraternity Council (IFC) and Senior Skulls. As of the end of March, the students had raised \$14,500 to cover the cost of food for about 58,000 meals. They hope to raise enough for 75,000–100,000 meals. Donations are being accepted [online](#). Volunteers also are needed to pack meals during the event. Registration is available [online](#) through the Bodwell Center for Service and Volunteerism. In 2017, UMaine surpassed Harvard University to set a record for the most meals packed by a New England university during one event. The Hungry 100K: Maine Day Meal Pack-out also placed UMaine among the top 10 organizations in the country and fourth in New England, along with groups including AARP and United Way, for most meals packed. More than 250 volunteers helped pack 107,500 meals — about 5.5 tons of food. Community-based organizations looking to obtain meals that are

packed during the event should email Caroline Spangenberg at caroline.spangenberg@maine.edu. For more information about the event, email Brown at james.s.brown@maine.edu or Melissa Ladenheim at melissa.ladenheim@maine.edu.

Media report on UMaine Sports Hall of Fame inductees

05 Apr 2018

The [Bangor Daily News](#), [WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported the University of Maine Sports Hall of Fame will induct a 10-member class this year. The honorees are basketball and baseball star John Gillette, men's hockey captain Ray Jacques, track and field champion Jesse Labreck, dual-sport athlete Ron Lanza, former Major League Baseball trainer Mark "Rookie" Letendre, baseball's Bill Livesey, football and track and field standout Phil McGeoghan, runner Will Spencer, current UMaine women's basketball head coach Amy Vachon, and the 1964 College World Series baseball team, [WVII](#) reported.

UMaine Extension tips included in BDN article on seedling starting

05 Apr 2018

The [Bangor Daily News](#) included recommendations from the University of Maine Cooperative Extension in an article about seedling starting for home gardeners. The article cited the UMaine Extension [bulletin](#), "Starting Seeds at Home," which states transplanting seedlings instead of directly sowing seeds into the garden is particularly important for plants that are slow to mature or sensitive to frost, such as tomatoes, peppers, eggplants and melons. UMaine Extension gardening experts suggest using fresh seed from a reliable source, and using seeds saved from a previous year only if they have been stored in a cool, dry place, the article states. UMaine Extension gardeners also do not recommend using soil from the garden to germinate seeds in containers, because it may contain weed seeds or diseases, and tends to dry out too quickly for fragile seedlings, the BDN reported.

Maine Public interviews Kryszak about new documentary

05 Apr 2018

Maine Public spoke with University of Maine at Machias lecturer Alan Kryszak about his recent documentary, "Who Made You In America?" The film explores political viewpoints as they relate to immigration, according to the report. Kryszak made the film with UMM students, who discovered that their own assumptions about the ideological divides between rural and urban, conservative and liberal, failed to capture a much more complicated reality, Maine Public reported.

Egan selected as UMM campus leader, Press Herald reports

05 Apr 2018

The [Portland Press Herald](#) reported Andrew Egan, a former University of Maine forestry faculty member and higher education administrator, has been named the new campus leader of University of Maine at Machias. Egan will start his role as the vice president of academic affairs and head of campus on Aug. 13, after finishing a one-year Peace Corps assignment teaching at a forestry college in Liberia, according to the article.

The Conversation publishes op-ed by Socolow on American broadcasting, politics

05 Apr 2018

[The Conversation](#) published an opinion piece by Michael Socolow, an associate professor of communication and journalism at the University of Maine. The piece is titled, "American broadcasting has always been closely intertwined with American politics." Los Angeles Times also published the article.

WVII reports on selected location of new Engineering Education and Design Center

05 Apr 2018

[WVII](#) (Channel 7) reported the University of Maine's new Engineering Education and Design Center will be sited between Boardman and Barrows halls, the current location of the Machine Tool Lab. Officials said the new facility will have a statewide impact and is a much-needed improvement for the students. "The focus of this building will be cutting-edge laboratories where students get to conceive of, design and fabricate their projects. So they are going to have access to all of the tools they need to do that. We are really going to try to foster their creativity," said Dana Humphrey, dean of the College of Engineering. An anonymous gift of \$10 million has been given to the project, the single largest capital gift in UMaine history. Groundbreaking is scheduled to happen in spring 2020, WVII reported.

UMaine researchers envision smart mills, new paper packaging, BDN reports

05 Apr 2018

The [Bangor Daily News](#) reported on several initiatives by University of Maine researchers that were presented during the annual Paper Days meeting of Maine's paper industry, which was held at UMaine. Doug Bousfield, a chemical engineering professor, aims to develop fully recyclable potato chip packaging using cellulose nanomaterials derived from wood pulp, according to the article. Cellulose nanofibers are a big area of research at the university, which also is the largest nanocellulose manufacturer in the United States for use by itself and its industry partners, according to Proserfina Bennett, managing director of the UMaine Process Development Center. Caitlin Howell, an assistant professor of bioengineering, is focusing on patient care using coated paper products that may eventually be more effective in diagnosing and preventing infections. Other UMaine researchers are focusing on artificial intelligence and machine learning technologies to make paper mills run more efficiently and automatically, the article states. "In most mills it's hard to get a coherent picture of what is going on at all times," said Roy Turner, associate professor of computer science. "Most intelligence still resides in humans. Factories of the future need artificial intelligence to survive and compete." [Fiddlehead Focus](#) also carried the BDN article.

UMaine names 2018 valedictorian, salutatorian

06 Apr 2018

The University of Maine's 2018 valedictorian is Graham Van Goffrier of Norwell, Massachusetts and the salutatorian is Brianna DeGone of Turner, Maine. They will be honored at UMaine's 216th Commencement in Harold Alfond Sports Arena May 12. Van Goffrier will receive a bachelor's degree in physics, with minors in electrical engineering, mathematics and nanotechnology, and a master's degree in electrical engineering — both earned during his four years at UMaine. DeGone, who also is the Outstanding Graduating Student in the College of Engineering, will receive a bachelor's degree in bioengineering, with a minor in business administration. "Graham and Brianna are outstanding students whose exceptional academic achievements and commitment to community engagement make us all proud," says University of Maine President Susan J. Hunter. "They have pursued their wide-ranging interests, discovered their passions, and shared their talents with their peers and the community. It is rewarding to see the leaders of tomorrow take full advantage of the student experience at Maine's public research university." Valedictorian and salutatorian are the highest honors that recognize students for outstanding academic achievements, and for contributions to UMaine and beyond. Candidates nominated from each UMaine college are evaluated on the strength, breadth and rigor of their academic achievements, evidence of intellectual promise, character, service and other accomplishments. [caption



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Graham Van

Goffrier[/caption] Van Goffrier was one of 240 outstanding sophomores and juniors nationwide to receive a 2017 Goldwater Scholarship. Since coming to UMaine four years ago, he has spent summers involved in UMaine research in the Maine Software Agents and Artificial Intelligence Laboratory, Biophysics Research Group, and Laboratory for Surface Science and Technology. His research ranged from a MATLAB simulation of surface-acoustic-wave sensor devices to optical modelling efforts and the visualization of string theory. Van Goffrier credits UMaine and its physics and electrical engineering professors with offering so many research opportunities to students — experiences that make a difference in helping determine career path options, he says. In summer 2017, he participated in the University of Michigan's Research Experience for Undergraduates Program at the European Organization for Nuclear Research (CERN), the particle accelerator facility in Switzerland, where he worked with an analysis team on the ATLAS experiment. Van Goffrier's capstone project in physics, supervised by professor Neil Comins, investigated correlation between minimal surfaces and relativistic string solutions. Van Goffrier spends much of his free time independently learning topics in mathematics, physics and computer science. He has worked as a teaching assistant and served in leadership roles for three academic student societies — the Society of Physics Students, the UMaine chapter of IEEE, and Tau Beta Pi. He also has performed in Maine Masque theater productions and Black Bear Men's Chorus concerts, and enjoyed being a member of the UMaine Figure Skating Club. In October, Van Goffrier will enter the MAST program in applied mathematics at Cambridge University, which includes one year of self-driven coursework designed to encourage independent study skills in preparation for further research. He plans to pursue a Ph.D. program in theoretical physics the following year. A full Q&A with Van Goffrier is [online](#). [caption id="attachment_60025"



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Brianna DeGone[/caption] DeGone is a first-

generation college student. As a member of the UMaine women's track and field team, DeGone's personal-best throw of 36.99 meters in the javelin ranks seventh best in program history. She has been recognized as a scholar-athlete for

three consecutive years. DeGone was one of 127 sophomores nationwide to be selected as a 2016 Ernest F. Hollings Undergraduate Scholar. As a Hollings Scholar, DeGone spent last summer doing water quality research on the Kennebunk River Watershed for the National Oceanic and Atmospheric Administration. Based at Wells National Estuarine Research Reserve in southern Maine, she also participated in studies focusing on York River fisheries, green crabs and lobsters. In fall 2016, DeGone interned with IDEXX Laboratories in Westbrook, Maine, working in research and development on veterinary diagnostic devices. This year, DeGone has been a member of a capstone research team developing a wearable biosensing device to aid first responders assisting missing persons. In addition to being a student-athlete, DeGone is a member of the National Society of Collegiate Scholars, Order of the Engineer, Phi Kappa Phi Honors Society and Fellowship of Christian Athletes. She also tutors student-athletes, and has been a Maine Learning Assistant and Head Instructional Assistant in the Chemistry Department. She has participated in several community outreach activities, local and global fundraisers, and two international mission trips to Andros, Bahamas and San Jose, Costa Rica. DeGone has been accepted into UMaine's MBA program, and may return in the fall to complete her graduate degree and throw for the track team another year. She also is pursuing entry-level positions with biomedical companies. A full Q&A with DeGone is [online](#). Contact: Margaret Nagle, 207.581.3745

UMaine Flying Club, university airplane help students soar

06 Apr 2018

Cody Walker has always had a fascination with planes and it was at the University of Maine that his passion soared to new heights. He took to the skies in a major way with the help of the [UMaine Flying Club](#) and the university-owned Cessnas — a 172SP and a 152 — based at Bangor International Airport. Now the University of Maine at Augusta student from Naples, Maine is getting ready to graduate in May, but he already has landed a job with PlaneSense, based in Portsmouth, New Hampshire, where he will begin ground school in April, on his way to becoming a commercial airline pilot. “It pretty much created this opportunity for me,” he says of the UMaine Flying Club. Walker has been interested in flying most of his life, ever since his mother took him to the airport to watch the planes. He refers to himself as a first-generation pilot, being the first in his family to take to the skies. He already had a private pilot license when he joined the UMaine Flying Club two years ago. Since then, he has logged 265 flight hours. Riley Bartash, a first-year electrical engineering technology student at UMaine, also holds a private pilot's license and is a member of the Flying Club. “Getting involved with aviation at a young age has been eye-opening,” says Bartash, who is from Lincoln, Maine. “It has provided me with many awesome opportunities and challenges which led me to earn my pilot's certificate while I was a junior in high school.” [caption id="attachment_60038" align="alignright" width="450"]



Cody Walker[/caption] Bartash earned the

Aviation Merit Badge with Troop 50 in Lincoln, which gave him the opportunity to fly, and afterward co-taught the badge for others. Bartash attended Aviation Career Education Camp (ACE Camp) in 2014 and “found the experience invaluable.” When he was 13, he completed private pilot ground school and joined the UMaine Flying Club. He began flying once or twice a month until he was able to earn his private pilot certificate. The UMaine Flying Club is open to anyone at UMaine or in the community interested in aviation, or in learning to fly a plane for avocation or to become a licensed pilot. The group meets monthly and offers levels of membership based on desire to participate in flying. “With the Flying Club, the university aircraft and great hourly rental rates for members of the University of Maine System, students of all academic disciplines have been able to follow their dreams of becoming commercial or airline pilots,” says Louis Morin, a UMaine faculty member of the Airplane Oversight Committee, a self-funded auxiliary unit at UMaine that oversees the use of the Cessna 172SP. The mission of the Airplane Oversight Committee, established in 2012 when the Cessna 172SP was gifted to the university, is to introduce and foster student interest in flying at an affordable rate while allowing them to learn and train in a state-of-the-art aircraft, Morin notes. Private donations, such as those most recently from the Alton and Adelaide Hamm Campus Activity Fund, make the hours in the air accessible to as many students as possible. 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 rental rate is \$125 per hour; \$100 per hour for students in the University of Maine System. The Cessna 152 is smaller and more fuel-efficient. The newer plane, the 2005-model Cessna 172, which Walker has flown more than any other club member, is described on the club’s website as “versatile” and “the quintessential training plane.” It can be used for instrument training, which has been important for Walker. Instrument flying refers to flying based on what the navigational instruments in the cockpit say about the environment and conditions. The method is especially useful when flying through low-visibility conditions such as clouds, for example. Walker says that flying in the Cessna 172SP plane, which has the latest control system, has helped him keep himself instrument-current, which is another reason he was able to land the job at PlaneSense. Walker says he wouldn’t be where he is now without the help of the Flying Club. The way flying hours are structured and arranged through the club prioritizes convenience and accessibility for its members. “It takes some planning off the students. They can just go up in the air and do it,” says Walker. In addition, he says many aspiring pilots join a club or work as course instructors to split the costs of renting a plane to get hours in. Walker says he never wanted to be a flight instructor, but the club has opened up another avenue to help him reach his flying

dreams. “It’s the same cost flying with friends and creating memories that would last a lifetime,” says Walker. The Flying Club has had a significant impact on Bartash as well, enabling him to explore many opportunities. “Being able to join the University Flying Club at the age of 13 has allowed me to find a career path that I truly am passionate about,” says Bartash. “Flying outside of my classes here at the university allows me to step back and focus on other goals I have set.” Bartash has completed more than 235 flight hours so far, and is currently working toward adding instrument and commercial ratings by the summer of 2018. In the future he would like to add an instructor rating, “to help other students and pilots learn and experience aviation the way I have,” he says. In April at PlaneSense, Walker will fly a Pilatus PC-12, a 12-seater turbine-powered luxury private plane, so he can build up flight hours toward his Airline Transport Pilot License. He says being in flight school while completing an undergraduate degree has been like doing a double major. But, he says, “It’s been very rewarding, and worth every minute.” More information about the UMaine Flying Club and the university aircraft is available by contacting Morin, 207.581.2854; lmorin@maine.edu; and club faculty adviser Rick Eason. Contact: Margaret Nagle, 207.581.3745

Middle schoolers invited to explore engineering with UMaine Extension 4-H

06 Apr 2018

Middle school students are invited to spend an afternoon learning about engineering at the next University of Maine Cooperative Extension 4-H Science Saturday event — this time on a Friday. From 1–4 p.m. April 20 at Jenness Hall, UMaine biomedical engineering students will lead participants in discussions about programming stoplights and exploring innovative solutions to address common problems. The event is open to students in grades six through eight. The maximum number of participants is 20. Children don’t need to be in 4-H to participate. The fee is \$5 per person. Register online by April 18. For more information or to request a disability accommodation, contact Jessica Brainerd at 581.3877, 800.287.0274 (toll free in Maine) or jessica.brainerd@maine.edu.

Fogler Library’s latest magazine available online

06 Apr 2018

The Raymond H. Fogler Library Magazine 2017 is now available [online](#). The magazine features stories about patrons, collections and services at the state’s largest library.

UMM student-produced documentary to air April 7 on Maine Public

06 Apr 2018

“Who Made You in America?,” a film created by University of Maine at Machias students in Alan Kryszak’s documentary class, will be rebroadcast at 11 a.m. April 7 on Maine Public Television. The film that explores contemporary issues of immigration premiered at UMM Feb. 18 and aired on Maine Public April 5. It features interviews with 22 diverse people from the Down East region, including fishermen, construction workers, immigrants, Native Americans and veterans. The documentary film course is part of New Media & Arts at the university. Last year, students produced a film, “Whatever Works: Exploring Opiate Addiction,” which aired on Maine Public.

Daily Bulldog reports on UMaine Extension Garden Angel program

06 Apr 2018

[Daily Bulldog](#) published an article on the Garden Angel program offered through the University of Maine Cooperative Extension to low-income households and senior citizens. The program, which was developed in 2012, aims to provide sustainable food for those who may be in need while also teaching participants how to cultivate, grow and harvest fresh vegetables from their own backyards, according to the article. Initially the program focused on helping senior citizens access garden space by raising the containers up to a comfortable height. It has since evolved to include people of all ages and to encourage participants to leave the program for more independent gardening if able, the article states.

Bricknell quoted in Undercurrent News article on infectious salmon anemia in Newfoundland

06 Apr 2018

Ian Bricknell, a professor of aquaculture at the University of Maine, spoke with [Undercurrent News](#) for an article about a recent discovery of infectious salmon anemia (ISA) at one of Northern Harvest Sea Farms' facilities on the coast of Newfoundland. Northern Harvest maintains at least seven recently stocked salmon farms in clumps within a roughly six-mile radius of the contaminated site. Such a close concentration of farms puts them all at greater risk of contamination, one longtime salmon farming professional told Undercurrent. Bricknell also expressed concern over maintaining salmon farms in close proximity. He said it likely means the government will want to test each one extensively for ISA. But proximity isn't the only thing to consider in such circumstances, Bricknell added, stating tidal behavior also can be a factor.

WABI covers Maine forestry forum

06 Apr 2018

[WABI](#) (Channel 5) reported on a forum held in Brewer to discuss the expansion of Maine's forest industry. The University of Maine and Our Katahdin, an organization working to promote community and economic development, were on hand to explain how they play a role in the industry and what may be in store for the future, WABI reported. "We want to have economic opportunities for people coming up," said Shane O'Neill, a forest industry business development manager at UMaine. "We don't want to have all of our young people leave the state. We want to give them opportunities for great jobs and for a great future." UMaine is looking for new partners to help make the forest industry more efficient, the report states.

Doctoral candidate's research cited in Mount Desert Islander sweetgrass harvesting report

06 Apr 2018

[Mount Desert Islander](#) reported on research being conducted by Suzanne Greenlaw, a doctoral candidate in the School of Forest Resources at the University of Maine, in an article about Acadia National Park officials and members of Maine's four Indian tribes exploring the possibility of allowing basket makers to harvest sweetgrass in salt marshes within the park. Accessing sweetgrass stands can be not only difficult, but dangerous, said Greenlaw, a member of the Maliseet tribe who is working with Rebecca Cole-Will, Acadia's chief of resource management, to explore the possibility of harvesting in Acadia. "People report that they're no longer able to go to some places they've gone for generations," she said. "These are all privately held lands. And if the landowner changes, the attitude might change and our access to that sweetgrass stand is no longer there. People have reported being threatened by landowners with dogs or a gun or being told they are ruining the sweetgrass population." Greenlaw and Cole-Will are leading research to support an application to the NPS for permission to harvest sweetgrass in Acadia, according to the article. "Wabanaki people believe that the more you pick a sweetgrass stand, the healthier it is, the more it will come back," said Greenlaw, whose research is intended to determine scientifically whether that is the case. Another aspect of the study aims to better understand and document the traditional harvesting of sweetgrass, the article states.

Daily Beast mentions Climate Reanalyzer in article on global warming

06 Apr 2018

[Daily Beast](#) featured the University of Maine Climate Change Institute's Climate Reanalyzer in the article, "Four reasons snowy springs don't disprove global warming." The article states that a small swath of land from Maine to Georgia is not representative of the entire Earth's surface, and the warming effects of global climate disruption have not been as keenly felt there as elsewhere. The article points to the Climate Reanalyzer's global temperature data, which shows that on Jan. 1, half of the United States was much colder than average but nearly everywhere else in the world — including the West Coast — was much hotter than average.

Jemison, Koehler quoted in BDN report on climate change realities for gardeners

06 Apr 2018

The [Bangor Daily News](#) spoke with the University of Maine Cooperative Extension's John Jemison and Glen Koehler for the article, "Maine gardeners facing realities, challenges of climate change." According to climate change experts, the state's growing seasons have lengthened, allowing for the introduction of newer crops. "I think in this instance, climate change is in some ways potentially helpful for the home gardener," said Jemison, a soil and water quality specialist. But as helpful as a longer season could be, Jemison said it also comes at a cost. "There is really no other issue more important to the longevity of humans than climate change," he said. According to the Maine Climate and Agriculture Network, the average length of Maine's frost-free growing season is currently 12 to 14 days longer than it was in 1930 and is expected to continue to increase by 2 to 3 days per decade. "One thing that gets to me is this intensity in rainfall," said Glen Koehler, an associate scientist. Koehler, who works with Maine's fruit tree growers, said his farmers have observed the annual rainfall in the state creeping up, but not in a manner beneficial to their crops. "You see more rain so you think, 'Well, no drought,'" Koehler said. "But in reality, the increased rain is coming in 'pulses' and if you go several weeks with no rain, your crops are going to get thirsty and irrigation becomes more important."

Graham Van Goffrier: Physics major named 2018 valedictorian

06 Apr 2018

Graham Van Goffrier, a physics major from Norwell, Massachusetts, has been named the 2018 valedictorian at the University of Maine. "Being selected as valedictorian for my graduating class is the highest honor that I can imagine during my time here," Van Goffrier says. "I am most appreciative of the constant support of my professors, family and friends throughout my years at UMaine." Van Goffrier is a 2017–18 Goldwater Scholar. In 2017, he received one of 240 scholarships to outstanding undergraduate sophomores and juniors nationwide who were studying mathematics, natural sciences and engineering, awarded by the Barry Goldwater Scholarship and Excellence in Education Foundation. This past summer, he also had the opportunity to research in Switzerland at the European Organization for Nuclear Research, or CERN, the world's largest particle accelerator complex. "Interacting with students and researchers from around the globe, as well as taking in the history and unparalleled technical achievements of the collaboration, was a unique and inspiring experience," he says of his time at CERN. At Commencement, Van Goffrier will receive a bachelor's degree in physics, with minors in electrical engineering, mathematics and nanotechnology, and a master's degree in electrical engineering — both earned in his four years at UMaine. **What research, internships or scholarly pursuits were you involved in as a student?** I have really strived these past four years to engage in as wide a range of research environments as possible. The summer after my freshman year, I worked as a research assistant in professor Mauricio Da Cunha's microwave acoustics laboratory, developing a MATLAB simulation of surface-acoustic-wave (SAW) sensor devices. The following summer, I divided my time between professor Roy Turner's artificial intelligence group and professor Sam Hess' biophysics research laboratory where I participated in optical modeling efforts. Two years ago I was able to begin independent study and research in the visualization of string theory with professor Neil Comins of the physics department, a project on which I continue to work. I credit UMaine and its professors with offering so many research opportunities to their students. This makes a big difference to any student working to determine career path options. **Beyond academics, what extracurricular activities occupy your time?** For me, the line between academics and extracurriculars has always been a blurry one. I spend much of my free time independently learning topics in mathematics, physics and computer science. Some of these are immediately relevant to my coursework, but many are purely out of interest. I have enjoyed taking advantage of UMaine's incredible library resources. I have actively participated in the three academic student societies which felt most relevant to my degrees, and served as president of each for one year. I found the Society of Physics Students is really committed to supporting the activities of the physics department and is quite active in offering community outreach opportunities for its members. Institute of Electrical and Electronics Engineers (IEEE) and Tau Beta Pi are professional and honor societies, respectively, which aim to represent the entire engineering profession and its students. Participating in these groups has allowed me to interact with professional members around the country, attend conferences, serve as a student reporter, and develop my networking skills. I have explored my creative side through the amateur theatre productions of Maine Masque and Black Bear Men's Chorus. I had never really sung publicly before college, and even though I wasn't a music or theatre major, both of these organizations helped me improve my skills and find confidence through performance. I also learned to ice skate for the first time freshman year at the Alford Arena before becoming a member of the Figure Skating Club on campus. **What are your plans for after graduation?** In October, I will enter the Master of Advanced Study (MASt) program in

applied mathematics at Cambridge University, which includes one year of self-driven coursework designed to encourage independent study skills in preparation for further research. I plan to pursue a Ph.D. in theoretical physics the following year. I believe studying abroad will be an important stage in my education, as gaining an international perspective is essential for participation in the modern scientific research world. **What difference has UMaine made in your life and in helping you reach your goals?** Each faculty and staff member of the physics and electrical engineering departments at UMaine has been constantly supportive of my goals. They have always been available to help me fit together my often unconventional course load, devoted incredible time and effort to advise my internship applications and write letters of recommendation. They clearly really care about their students, and this has made all the difference. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** During my past three years of engineering coursework, my lab partner has been an excellent student named Berkay Payal who also is graduating this semester. We completed a challenging electrical engineering capstone project, adapting an engine timing system for use with alternative fuels under the guidance of Stephen Abbadesse in the Department of Mechanical Engineering. Berkay grew up in Turkey, and while becoming his close friend and co-worker, I have been privileged to learn about the history, language and culture of his home. He has helped me better comprehend the world outside my own individual experience, a lesson which I take to heart as I prepare for my own journey abroad. **Why UMaine?** Growing up, my mother and I had spent summers in the Orono area, and so UMaine was a campus where I felt very much at home. During high school I participated in some of UMaine's academic-focused summer camps, in particular Consider Engineering, where I met Andrew Sheaff of the Electrical and Computer Engineering Department. Sheaff helped me understand the valuable skills and experiences that could be gained from studying engineering at UMaine. I also was drawn to the sense of community here at UMaine and the many cultural options for students. Additionally, I valued the broad range of ABET program accreditations which UMaine has gained and maintained for its engineering degrees. **Have you worked closely with a professor or mentor who made your UMaine experience better?** My academic advisers, Rosemary Smith, a professor of electrical and computer engineering, and John Thompson, a professor of physics, offered outstanding guidance and took the time to identify opportunities that helped me explore my academic potential. Andrew Sheaff of the Electrical and Computer Engineering Department has been a very supportive mentor during my time in the department, especially in encouraging me to seek out research opportunities around campus. During the last two years, I have worked closely with Neil Comins, a professor of physics, on multiple research projects. He also has been an important source of guidance as I faced challenging internship and graduate school applications, ultimately allowing me to gain acceptance to research at CERN and now to Cambridge University, which have already made such a great impact upon my career path. **What advice do you have for incoming students to help them get off to the best start academically?** I understand how fun-filled the first semester at college can be. But in between classes and social activities, take the time to visit your professors and your academic advisers as often as you can. They have guided so many students who have come before you, and their insight is of immeasurable value as you explore the multitude of career options which are available to you. My other piece of advice is to be the exception. Go off the regular coursework track, try new combinations of topics and push yourself further than you think you can go. Take advantage of the summer and winter courses UMaine offers, so you can enjoy extra flexibility in your semester course loads. Stay one step ahead of the crowd whenever possible, and never be afraid to be the only freshman in a club or the only student who talks in a class. Unique opportunities come to those who take unique risks. Contact: Margaret Nagle, 207.581.3745

Brianna DeGone: Bioengineering major named 2018 salutatorian

06 Apr 2018

Brianna DeGone, a bioengineering major from Turner, Maine, has been named the 2018 salutatorian at the University of Maine. At Commencement, DeGone will earn a bachelor's degree in bioengineering with a minor in business administration. While at UMaine, DeGone was named a National Oceanic and Atmospheric Administration (NOAA) Ernest F. Hollings Undergraduate Scholar and was the outstanding poster recipient at the Science and Education Symposium in Silver Springs, Maryland where NOAA scholars presented their work. As a member of the UMaine women's track and field team, DeGone's personal-best throw of 36.99 meters in the javelin ranks seventh best in program history. She also has been recognized as a scholar-athlete for three consecutive years. **What research, internships or scholarly pursuits were you involved in as a student?** During my undergraduate career, I was fortunate enough to take part in two internships: one with IDEXX Laboratories in Westbrook, Maine and another at the Wells Reserve in Wells, Maine. At IDEXX, I worked in research and development on veterinary diagnostic devices. I

worked on the new product development team with lateral flow immunoassays and took part in the USDA submission process. While I was at IDEXX, they were named to the Fortune 500 list. My internship opportunity at Wells Reserve was due to my NOAA Hollings Scholar Award. I did water quality research on the Kennebunk River and developed mediation steps to combat pollution for this large tourist attraction in Maine. My senior capstone project is another unique research opportunity I've had as an undergrad. Our client is the Down East Emergency Medicine Institute (DEEMI) and we are constructing a wearable biosensing suite to transmit information of a missing person's vitals to an on-site doctor. The project has included extensive research on current telemetry practices, FDA approval pathways and biosensor circuitry. Prior to graduation, we will conduct a live trial in a remote location with DEEMI to test our device.

Beyond academics, what extracurricular activities occupy your time? The majority of my time is spent being a member of the women's track and field team. My role on the team includes practicing, strength training, mentoring the younger athletes and community outreach in the area. I'm also a member of National Society of Collegiate Scholars, Order of the Engineer, Phi Kappa Phi honor society, and Fellowship of Christian Athletes. I tutor student-athletes, and I am a student scholarship mentor at UMaine. What are your plans for after graduation? I have been accepted into UMaine's MBA program and may return in the fall to complete my graduate degree and throw for the track team another year. I am also in the process of applying for entry-level positions with biomedical companies. If I receive an offer, I will complete the MBA degree online in unison with my career.

What difference has UMaine made in your life and in helping you reach your goals? My internship opportunities have been a direct reflection of my undergraduate degree at UMaine. The biomedical engineering program has allowed me to connect with exceptional individuals that are making my post-grad plans a reality. UMaine has provided me with lifelong friends and mentors I'll forever be grateful for. My experience here has strengthened my time-management capabilities, confidence in public speaking and overall outlook when faced with a problem. Developing me as a student, athlete and overall individual is something I'll forever be grateful for from UMaine.

Have you had an experience at UMaine that has changed or shaped the way you see the world? My philanthropic opportunities at UMaine have had the greatest impact on my worldly viewpoint. While in college, I've been able to participate in several community outreach activities along with local and global fundraisers. I've taken part in the Engineering Expo on campus, the National Girls and Women in Sports Day Celebration, serving at Manna Ministries and various events through the American Heart Association. I played a role in UMaine's dance marathon (Black BearTHON) and went on two international mission trips. Broadening my horizons through service has been humbling and eye-opening. It really puts your personal problems into perspective and sparks a fire to keep serving. Volunteering will always be a large part of my life because of the experience I had at UMaine.

Why UMaine? Growing up in Maine, I set the goal early that I wanted to be a part of UMaine athletics. I grew up a multisport athlete and from a young age, knew I wanted to pursue sports in college. I attended UMaine sporting events and took part in high school state meets on campus. I already had great memories on campus from high school sports and continuing here only made sense. I also attended the Consider Engineering program when I was a junior in high school. I was able to learn about the different engineering departments, stay in the dorms and meet individuals who later became some of my closest friends. I loved the close-knit atmosphere of the campus. There were no highly-trafficked streets running through campus like you see at other universities. I liked the familiar faces at UMaine, but also the endless opportunities a larger campus provided. But it was when attending other college tours that I realized the success of UMaine's engineering program. I had tour guides from other New England universities telling me to check out UMaine for engineering. I realized that the best program for me was right in my home state.

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 the opportunities for student success are endless at the University of Maine if students take the initiative to take part in them. The number of clubs, programs and resources for students are numerous on campus but some require the internal motivation to utilize them. For me, I believe a program I've benefited from is the Maine Center for Research in STEM Education, or RISE Center. I held two positions as a Maine learning assistant and a head instructional assistant through this program. I worked in the Department of Chemistry and gained a personal relationship with several professors, a deeper understanding of the material, and a small income. These connections resulted in strong letters of recommendation in my future. Also, the tutoring resource on campus absolutely aided in my success. My freshman year I utilized the free tutoring program and as a senior, I tutored student-athletes in the courses I once found difficult. Returning to these introductory courses helped in preparation for graduate school exams and getting to know other student-athletes within my major.

Have you worked closely with a professor or mentor who made your UMaine experience better? My throwing coach Gerhard Skall has been my greatest mentor at UMaine. Not only has he taught me discipline and perseverance through my sport but has always been a constant reminder that school comes first. Many athletes struggle balancing academics with athletics, but he has always understood a student-athlete's primary role of being a student. He's always believed in me and offered advice both in the classroom and on

the track. Gerhard could not have been a bigger support system for me and always genuinely concerned about my well-being and workload. His personal experiences have made him wise beyond measure and his “wicked peachy” personality, as he likes to call it, can easily brighten anyone’s day. I couldn’t have done it without him. **What advice do you have for incoming students to help them get off to the best start academically?** For incoming students, I think getting involved is the most important part of enjoying college and being successful. If I didn’t have track as an outlet, academics would have quickly weighed me down. It’s important to figure out what you enjoy and find a club or organization with peers who share the same interests as you. I highly recommend taking the list of “[50 Things to Do Before You Graduate from the University of Maine](#)” and setting the goal of completing it. There’s a lot more to a collegiate experience than stressing over schoolwork, and you’ll burn out before your four years are up if that’s your only focus. Aside from that, meet your teachers, talk to upperclassmen and don’t be afraid to approach any resource you may have. Gaining a relationship with my professors and students who have taken courses before me has by far made me as successful as I’ve been. I could never have done it on my own, and people are more than willing to help. Sitting down with a tutor, a teacher, or a friend is the best, proactive approach to a successful undergraduate career. And most importantly, don’t think you’ll flunk out of college if you fail an exam. Always study, but if it happens, it happens. I have failed an exam, and so have all my peers, but we’re all still graduating and so can you. Contact: Margaret Nagle, 207.581.3745

College of Education and Human Development to hold recognition ceremony

09 Apr 2018

More than 60 students in the College of Education and Human Development will be honored at the college’s annual recognition ceremony April 10 at Wells Conference Center. Those being recognized include undergraduate and graduate students, faculty and staff. Individual undergraduate student award winners:

- Rachel Sirois, Outstanding Student in the College of Education and Human Development and Outstanding Performance in Early Childhood Education
- Sierra Colson, Dean’s Award and Outstanding Performance in Early Childhood Education
- Josie Champagne, Outstanding Performance in Elementary Education
- Amelia Reinhardt and David Glasberg Jr., Outstanding Performance in Secondary Education
- Teresa McGuire, Outstanding Performance in Athletic Training
- Stacey Beal, Outstanding Performance in KPE — Exercise Science
- Tomohiro Ebihara, Outstanding Performance in KPE — Teaching and Coaching
- Rebecca Blodgett, Outstanding Rising Senior in CHF — Individual and Family Studies

Individual graduate student award winners:

- Chynna Fuller, Outstanding Student in Human Development
- Hannah Halsey and Molly Hodgkins, Student Development in Higher Education Excellence Award
- Crissi Dalfonzo, Social Justice in Higher Education Award
- John McCabe, Outstanding Graduate Assistant for the School of KPEAT Award
- Benjamin Thelwell, Outstanding Student in Counselor Education — School Counseling Award
- Bethany Belanger, Tristan Greenlaw and Krislyn Hyatt, Outstanding Students in Counselor Education — Mental Health Awards

Faculty and staff member award winners:

- Phil Pratt, Part-time Faculty Teaching Excellence Award
- Julie DellaMattera, Full-time Teaching Excellence Award
- Shihfen Tu, Dean’s Service and Engagement Award (Faculty)
- Erin Straine, Dean’s Service and Engagement Award (Staff)
- Elizabeth Allan, Dean’s Research and Creative Achievement Award
- Craig Mason, Robert A. Cobb Distinguished Faculty Member Award
- Deborah Rooks-Ellis, Mark R. Shibbles Award

Nets 4 Pets 4 Vets benefit basketball tournament, dinner to be held April 14

09 Apr 2018

The second annual Nets 4 Pets 4 Vets, a benefit basketball tournament and community dinner to raise money for therapy animals for veterans with PTSD or traumatic brain injury, will be held 3–7 p.m. April 14 at 45 Columbia St., Bangor. The event is sponsored by Maine Business School Corps, UMaine ROTC and the UMaine Veterans Association. The basketball tournament features three-on-three competition and one-hour mini-tournaments. The \$30 per team registration fee includes dinner. The community dinner suggested donation is \$8 for adults, \$4 for children and free for veterans and active-duty personnel. Registration is [online](#). For more information, email mbscorps@maine.edu.

Times-Picayune reporter to visit UMaine, join #MeToo panel discussion

09 Apr 2018

The University of Maine Department of Communication and Journalism will welcome Brett Anderson, reporter with the New Orleans Times-Picayune, as visiting journalist April 12–13 as part of the Alan Miller Fund for Excellence in Communication and Journalism. In addition to meeting students and visiting journalism classes, Anderson will join a panel discussion, “The Media and #MeToo,” at 1 p.m. April 12 in the Bangor Room of the Memorial Union. UMaine panelists will include Amy Blackstone, a professor in the Department of Sociology and the Margaret Chase Smith Policy Center, and Judith Rosenbaum, an assistant professor in the Department of Communication and Journalism. Susan Gardner, director of the Rising Tide Center, will moderate the discussion. Anderson was the first to report on the sexual harassment occurring in the business empire of celebrity chef John Besh. His article resulting from an eight-month investigation is online.

WABI reports on Future Promises Job Fair at UMM

09 Apr 2018

[WABI](#) (Channel 5) covered the Future Promises Job Fair held at the University of Maine at Machias. Machias Savings Bank organized the day for Washington and Hancock county students in grades three through six to learn about potential career choices, according to the report. A variety of careers were represented, from baking to law enforcement to diving, and students were encouraged to ask questions and interact at the booths, WABI reported.

Morning Sentinel interviews Knight about escaped Skowhegan bull

09 Apr 2018

The [Morning Sentinel](#) spoke with Colt Knight, an assistant extension professor and livestock specialist with the University of Maine Cooperative Extension, for an article about a Skowhegan bull that escaped and was killed. When the local police chief chased the loose bull through town and fatally shot it, he was taking what a pair of livestock experts say was unnecessarily risky action, the article states. When trying to capture a loose animal, Knight recommended giving it space to calm down instead of chasing it. “I think it’s police that get anxious,” he said. “They want to stop it immediately when oftentimes, if you give it some time, you can probably corral the animal or someone can wrangle it. It’s not a tiger and they’re usually not vicious, so if you just chill for a minute, you can probably come up with a plan to corral it.”

Fried quoted in Press Herald article on ranked-choice voting effort

09 Apr 2018

Amy Fried, a political science professor at the University of Maine, was quoted in the [Portland Press Herald](#) article, “How ranked-choice voting effort became a partisan flash point.” The politics around ranked-choice voting in Maine

have become as polarized as any issue in the state, with legislators splitting on partisan lines over measures that would either suppress or help implement the system approved by voters in 2016, according to the article. Fried told the Press Herald that Democrats have likely rallied around the reform in reaction to Gov. Paul LePage's 2010 victory — with just under 38 percent of the vote, he edged out centrist independent Eliot Cutler by 1.7 points in a five-way race — but she thinks their reasoning is mistaken, the article states. "Having ranked-choice voting wouldn't necessarily mean that someone like LePage wouldn't win the governorship, but I think that idea has been adopted by the LePage resistance," she said. "With the anti-Trump current in 2018, it might help Democrats, but that doesn't mean in future there wouldn't be a time where it would benefit Republicans." [Sun Journal](#) also published the Press Herald article.

Boston Globe publishes Socolow's view on if Sinclair anchors should quit

09 Apr 2018

The Boston Globe published an opinion by Michael Socolow, an associate professor of communication and journalism at the University of Maine, in an article on whether Sinclair anchors should have quit instead of potentially compromising their reputations. TV stations owned by the Sinclair Broadcast Group reach almost 40 percent of American households. Last month, anchors at those stations were forced to read a script attacking the credibility of the media, in line with the views of Sinclair's conservative owners, according to the report. The article included two opinions on whether the anchors should have quit. "Decisions affecting a person's career are always deeply personal. So this is primarily a moral, not ethical, question," Socolow said. "Broadly speaking, issues of ethical compromise can be applied to every news organization. Whether it's the Christian Science Monitor, Fox News or MSNBC, media entities are branded and possess established identities within the industry and in public. As long as Sinclair employees are fully aware of the public perception of their company and its reputation within the industry, they should be able to make informed decisions and accept any career consequences."

WABI covers 24th annual Rural Living Day

09 Apr 2018

[WABI](#) (Channel 5) reported on the 24th annual Rural Living Day at Mount View High School in Thorndike. The event, which is hosted by the University of Maine Cooperative Extension and Waldo County Extension Association, offered workshops that ranged from Maine's native bees to cooking with seaweed, WABI reported. Proceeds are used to help Waldo County youth attend UMaine Extension Tanglewood 4-H Camp in Lincolnville. Richard Kersbergen, a UMaine Extension educator on sustainable dairy and forage systems, said Rural Living Day is a great spring event to get people interested in gardening. "We try and focus in on local interests of course, but we have a variety of people here with great diversity of topics from worrying about gut health to composting with worms and forging for mushrooms. We try to have a real broad spectrum of things for people to be interested in," he said.

AP quotes Beal in report on Maine's record-low clam harvest

09 Apr 2018

The Associated Press cited Brian Beal, a professor of marine ecology at the University of Maine at Machias, in an article about the dwindling harvest of soft-shell clams along the New England coast. The 2017 clam harvest in Maine, which produces more soft-shell clams than any other state, was a little more than 1.4 million pounds — the lowest total since 1930, according to the article. The clam fishery is coping with a declining number of fishermen, a warming ocean, harmful algal blooms in the marine environment and growing populations of predator species, said regulators and scientists. Growing numbers of crabs, fish and worms that eat the clams are one problem, according to Beal. The growth of predators could be tied to rising ocean temperatures in the Gulf of Maine, Beal said. "Seawater temperature is driving the biological and environmental factors that regulate clam populations," he said. "That spells doom and gloom for the clamming industry and probably for other industries as well." The [Bangor Daily News](#), [Portland Press Herald](#) and [The Maine Edge](#) carried the AP report.

Grad student, effort to create sustainability license plate featured in Press Herald

09 Apr 2018

The [Portland Press Herald](#) published a feature article on University of Maine graduate student Garrett Raymond as part of its “Meet” series. Raymond is pursuing a master’s degree in the School of Economics and is a member of the campus-based group Maine Community Energy Advocates. The group’s goal is to advance community energy projects in the state, and one of the ways they want to do that is by creating a specialty license plate around the theme of sustainability, specifically in the arena of energy use and generation, according to the article. Raymond said he was introduced to the idea of a sustainably oriented license plate by one of his undergraduate professors, Sharon Klein, during an energy economics class. The Maine Community Energy Advocates plan to visit community meetings of environmental groups to spread the word about the license plate. They have until the fall to find 2,000 people who want the license plate; Maine’s Department of Motor Vehicles won’t proceed with the plate otherwise, the article states. Jessica Huff, a student in UMaine’s new media program, designed the plate, which features a light bulb topped with an evergreen and a moose, as well as the words “SUSTAIN MAINE” across the bottom, Press Herald reported.

Students seek donations for Maine Day Meal Pack-out, WVII reports

09 Apr 2018

[WVII](#) (Channel 7) reported University of Maine students are looking for help in feeding the state’s food-insecure population. Students are asking for monetary donations for their second Maine Day Meal Pack-out, which will be held at 9 a.m. May 2. Volunteers will use the money to purchase and pack meals to donate to local food banks. A donation of \$1 can feed a family of four, according to the report. Last year, volunteers packed more than 107,000 meals, WVII reported. “The goal has always been to do as much good as we can,” said student event organizer Jack Brown. “We’re at a little more than 60,000 meals right now in terms of fundraising, and even if we don’t raise any more money, to me that’s a success, because no matter what, they’re going to people who need them.” Donations can be made [online](#). [WABI](#) (Channel 5) also reported on the students' call for donations.

Harold Alfond Foundation awards \$5 million to University of Maine System to establish Maine leadership endowment fund

09 Apr 2018

The Harold Alfond Foundation announced April 9 an award of \$5 million to the University of Maine System to establish a Maine leadership endowment fund to support the System’s efforts to recruit and retain top executive leadership for the University of Maine. Distributions from the endowment will help the System fund a nationally competitive compensation package for the next University of Maine president and align performance with critical state research, economic and workforce development needs. “Given the challenges facing higher education and our state’s economy, high-quality executive leadership at Maine’s flagship university is critical,” said Gregory W. Powell, chairman of the Harold Alfond Foundation. “The Foundation’s grant will enable the University of Maine to compete nationally for a top-tier president and to help incentivize a long-term commitment to our state.” The award establishing a Maine leadership endowment from the Harold Alfond Foundation was preceded by [a gift of \\$1.8 million](#) in support of expanding applied marine research at the Downeast Institute, a signature initiative of the University of Maine and University of Maine at Machias Primary Partnership, and a [\\$3.9 million gift](#) to formally establish the Harold Alfond W² Ocean Engineering Laboratory and Advanced Manufacturing Laboratory at the Advanced Structures and Composites Center on the UMaine campus. The Foundation has [also awarded a total of \\$9.25 million](#), including a \$7.5 million challenge grant, to help bring transformational change to professional graduate education in support of the University of Maine System’s Maine Center for Graduate and Professional Studies. The University of Maine is the state’s premier research university with total research expenditures averaging more than \$86 million a year for the last five years. That accounts for more than three-quarters of the state’s total university-related research and development. The University of Maine graduates more students than any other institution in the state, with most of its graduates beginning their careers with a Maine employer. The institution also is leading a public university strategic effort to attract more young people to Maine, which has the oldest median age in the country. In fall 2017, UMaine had 3,820 students hailing from outside Maine enrolled in a total student population of 11,240, and achieved a 54.2 percent increase in out-of-state enrollment over a five-year period. “Maine’s universities have eliminated \$82 million in annual spending, frozen tuition six of the

last seven years, and make more than \$80 million in financial aid and degree completion assistance available to our students annually,” said James H. Page, chancellor of the University of Maine System. “As careful stewards of tuition and tax dollars, we are especially grateful for the award of endowed resources to help bring a leader to the University of Maine with the talent and national experience we need to continue our work of addressing the state’s demographic and workforce challenges. “We thank the Harold Alfond Foundation for its continued support of our work to reform public higher education in Maine. The Foundation’s investment in leadership will help build on UMaine’s 150-year legacy of service and its new partnership with the University of Maine at Machias, while preserving crucial public resources for academics and essential programming.” Chancellor Page will introduce the new president of the University of Maine at 10 a.m. Tuesday, April 10, at the Buchanan Alumni House in Orono, and host the new leader at a welcome event at 3:30 p.m. Wednesday, April 11, in the Reynolds Gymnasium conference room on the Machias campus. Founded in 1950, the Harold Alfond Foundation furthers the philanthropic legacy of Harold Alfond, the founder of Dexter Shoe Company and a longtime supporter of Maine communities in which he and his family worked and resided. He ensured that his philanthropy would live on by committing nearly all of his wealth to the Foundation, which continues to support charitable causes in the state of Maine. Consistent with Harold Alfond’s own giving pattern and philanthropic principles, the Foundation favors education, health care, youth development and other selected charitable causes. Contact: Dan Demeritt 207.441.6962

Dr. Joan Ferrini-Mundy to lead UMaine and UMM July 1

10 Apr 2018



[caption id="attachment_60115" align="alignright" width="223"] Joan Ferrini-Mundy[/caption] Dr. Joan Ferrini-Mundy will be the 21st president of the University of Maine and the president of the University of Maine at Machias, announced University of Maine System Chancellor James H. Page on April 10. Dr. Ferrini-Mundy, the chief operating officer of the \$7.8 billion National Science Foundation and a New Hampshire native, has provided campus-based academic leadership as an associate dean, and served as professor of mathematics at two land grant universities. UMaine’s incoming president also is a national leader in STEM education research and policy, co-leading the development of a governmentwide strategic plan for science, technology and engineering education across 14 science agencies that has achieved improved coherence and impact in the federal government’s \$3 billion STEM education investment. Dr. Ferrini-Mundy will meet this week with faculty, students, staff, university and state leaders in Orono, Machias and Augusta as part of her introduction visit to Maine. She will begin her term July 1, 2018. **National search for a university and state leader** The national search for a new president focused on finding a leader with the qualifications, national experience and commitment to service, research and scholarship necessary to lead Maine’s largest and leading research university. The search identified 67 candidates and brought four finalists to Orono and Machias in February. The campus visits and engagement shaped the search committee findings that were presented to Chancellor Page in March. “Under President Hunter’s leadership over the last four years we have seen how innovation and partnership can leverage UMaine’s 150-year legacy of service for even greater state-focused impact,” said Chancellor Page. “Dr. Ferrini-Mundy will provide the national expertise, stature and commitment to higher

education that will ensure the University of Maine and the University of Maine at Machias are One University leaders in serving Maine students, families, businesses and communities. Dr. Ferrini-Mundy has been a leader with the National Science Foundation for nearly a decade. Most recently, she has been the chief operating officer of the [\\$7.8 billion agency](#) that last year worked with 2,000 institutions to support the investigation and discovery of 359,000 researchers, teachers and students. UMaine is the state's premier research institution, expending an average of \$86 million annually the last five years on research and development. UMaine also is responsible for more than three-quarters of university-related spending on discovery. Prior to her work as a member of the U.S. Government Senior Executive Service at NSF, Dr. Ferrini-Mundy held academic and leadership positions at Michigan State University and the University of New Hampshire. She earned a Ph.D. in mathematics education from the University of New Hampshire's College of Engineering. She served as associate dean for science and mathematics education in the College of Natural Science at Michigan State, as well as professor of mathematics and teacher education for 12 years. Prior to joining Michigan State, Dr. Ferrini-Mundy served as the director of the Masters of Science for Teachers Program and professor of mathematics at UNH for 16 years. "I am honored to accept the appointment as the 21st President of the University of Maine," said Dr. Ferrini-Mundy. "Leadership at Maine's flagship university comes with great opportunity to advance scholarship and discovery and an incredible obligation to deploy university research and talent in service to the state and its students. I am particularly eager to work with our colleagues at the University of Maine at Machias to pursue initiatives that strengthen our service to Maine and build stronger pathways to Maine careers. "Helping people learn mathematics is my first love, a passion that brings understanding and respect for the faculty who conduct the scholarship, teaching and research so fundamental to the university mission. Based on early conversations and first impressions I have every confidence that the faculty, academic leaders, and I share an appreciation for the institution and traditions of higher education. "It is also clear that UMaine is served by an accomplished leadership team and a dedicated staff of public servants both in Orono and Machias. Working together and with our System colleagues, and UMaine alumni, advocates and partners across the state we will build on UMaine's proud legacy of scholarship, research, state leadership and service." Dr. Ferrini-Mundy's husband Rick Mundy will be joining her in Orono. They have three adult children — Joe Mundy, Beth Mundy, and Adri Mundy, who will be frequent visitors. A brief biography is online. "Established by a public charter and supported by both legislative appropriations and public investment, the University of Maine System has an obligation to serve the citizens and communities of our great state in ways that meet the needs and challenges of our current and future students," said James Erwin, chair of the University of Maine System Board of Trustees. "With a working-age population that will shrink by 100,000 over the next 10 years, we look to our flagship university under incoming President Ferrini-Mundy's leadership and in collaboration with her colleagues at UMaine and across the System, to achieve the innovation and partnerships needed to attract and retain students of all ages and backgrounds to our campuses and into programs with strong connections to Maine careers. "The Board of Trustees enthusiastically endorsed Dr. Ferrini-Mundy's appointment because of her passion and success as a scholar, her track record as an innovator, and her highly valued experience and leadership as a senior executive at the nation's top research agency. On behalf of the Board and the Maine citizens we serve, it is a privilege to welcome Dr. Ferrini-Mundy and her husband, Rick Mundy, to Maine." "The Board and Chancellor charged the Presidential Search Committee with leading a national search that encouraged and facilitated involvement by all stakeholders on-campus, within the System, among UMaine's 107,000 alumni, and across the State of Maine," said Admiral (Ret.) Gregory G. Johnson, board trustee and chair of the search committee. "It further charged that the search committee seek a candidate with the leadership skills and experience to continue enhancing UMaine's educational and research capacity in support of the state's economic development, workforce improvements, and the future well-being of all Mainers while operating collaboratively within the University of Maine System's One University framework. "Our Search Committee, with superb System and campus support accomplished that mission in an extraordinarily collaborative and collegial manner. As we celebrate Dr. Ferrini-Mundy's appointment I want to express my sincerest personal appreciation to members of the committee for their selfless service and dedication. I also want to thank every member of the larger University community who participated in the search process and campus visits. In sum, it was a profoundly collaborative and collegial process marked by uncommon mutual respect. It was an honor and privilege to have been part of it." **University stakeholders welcome Dr. Ferrini-Mundy to Maine** "UMaine's capacity to provide high-quality learning opportunities for students impacts both our state and our nation. Dr. Ferrini-Mundy, as a leader on university campuses and at the National Science Foundation, has catalyzed research on teaching and learning while also advancing educators' capacities to leverage research findings to improve outcomes for students. I look forward to her vision and leadership in helping us build on the ways we fulfill the teaching and research missions of this flagship institution. — *Dr. Natasha Speer, associate professor of mathematics education, Department of Mathematics and Statistics and the Maine Center for Research in STEM Education* "UMaine is providing me with a unique, world-class opportunity to ask and answer questions about a

genetic mutation that has caused my dad and brother to battle an unknown type of muscular dystrophy. I am grateful for the opportunity I have at UMaine and know the national expertise and connections our incoming president has in the field of research will help open new doors to discovery for university researchers like me that will benefit Maine.” — *Elisabeth Kilroy, third-year Ph.D. candidate and researcher in the UMaine Graduate School of Biomedical Science and Engineering and member of the search committee* “Business leaders across the state understand how important UMaine is in terms of providing the next generation of the state’s workforce. The university graduates more students than any other Maine institution and is achieving record out-of-state enrollment because of the strength and breadth of its academic programs. On behalf of Black Bears everywhere, the UMaine Board of Visitors welcomes Dr. Joan Ferrini-Mundy and her family to Orono.” — *Philip Hamilton, vice chairman of the UMaine Board of Visitors and member of the search committee* “Dr. Ferrini-Mundy understands the unique strengths of the Machias campus, its importance to the region and the state, and our extraordinary undergraduate programs. She also understands the challenges we face in growing enrollment and forming an effective collaboration with the University of Maine. Dr. Ferrini-Mundy’s experience with leading collaboration and guiding major institutional change will be extremely valuable as we move forward. It’s inspiring to know we will have such an engaged, inspiring, and firm leader at the helm.” — *Dr. Tora Johnson, associate professor and director of the GIS Service Center and Laboratory at the University of Maine at Machias and search committee member* “As part of Maine’s flagship university, the University of Maine at Machias is growing stronger and continues as an anchor institution for Washington County. Our incoming president has a commitment to collaboration and a record of shared achievement as an educator and an executive leader that we need to continue our advancement as One University. It is a pleasure to welcome Dr. Ferrini-Mundy to UMaine on behalf of the University of Maine at Machias Board of Visitors and our community. We look forward to working together to fulfill the coastal university mission of this critically important Machias campus.” — *Charles Rudelitch, Board of Visitors for both UMaine and the University of Maine at Machias and search committee member* Contact: Dan Demeritt, 207.441.6962

School of Performing Arts welcomes new assistant professor of music

10 Apr 2018

The School of Performing Arts has announced Webb Parker will begin teaching as an assistant professor of music fall 2018. Parker will teach courses in music education and voice and will lead the Collegiate Chorale. Prior to his UMaine appointment, Parker was an assistant professor of music education at the University of Southern Mississippi. He is a graduate of the University of Oregon where he received a Ph.D. in choral music education with an emphasis in choral conducting. Parker’s research interests center around issues of social justice within music education and his research has been presented at state and national music conferences. Other research interests include best practices in choral rehearsal pedagogy, specifically the use of imagery and motion as pedagogic tools used to make the voice more tactile.

Maine Masque to present ‘Eurydice’ April 12–15

10 Apr 2018

Maine Masque, a University of Maine student-led organization, will present Sarah Ruhl’s 2003 play “Eurydice,” April 12–15 at Hauck Auditorium. This version of the classic Greek myth focuses on the series of events from Eurydice’s perspective. Will she stay in the underworld with her father? Or will she return to Earth to be with Orpheus? Director Nathan Reeves encourages people to see the show that is “about perseverance, reconnecting with loved ones and how love can transcend the physical world.” “Eurydice” will be performed at 7:30 p.m. April 12–14 and 2 p.m. April 15. Tickets, which are available [online](#), are \$10 or free with a valid student MaineCard.

UMaine mentioned in Mainebiz article on new marine-based magnet school

10 Apr 2018

The University of Maine was mentioned in a [Mainebiz](#) article about the Maine Ocean School, a new public magnet high school with a marine-based curriculum, which is scheduled to open in Searsport for the fall 2018 semester. The school will offer courses in marine science, marine transportation, marine engineering and marine management, the article

states. According to the school's website, the Searsport location is designed to offer proximity to coastal communities, working waterfronts and institutions such as UMaine, Penobscot Marine Museum and Maine Maritime Academy.

WABI previews School of Performing Arts Opera Workshop

10 Apr 2018

[WABI](#) (Channel 5) reported students in the University of Maine's School of Performing Arts will present an Opera Workshop at 7:30 p.m. April 14 in Minsky Recital Hall. The students will perform segments from a variety of hit shows, WABI reported. "Opera is a little bit different than musical theater," said Isaac Bray, director of the workshop. "You kind of have to wait for the voice to mature before you can sing full opera rolls. So what we do at the undergraduate level is we do scenes excerpted from operas. This gives students a chance to work on their Italian, to work on their German, or whichever language they're singing in." Student Lexie Dix said performing opera is challenging. "It is a never-ending process, you never feel like you are ready and that can be stressful, but the pay out is always worth it," she said. The workshop is free and open to the public.

UMaine Extension recommendations cited in Press Herald's 'Maine Gardener' column

10 Apr 2018

Recommendations from the University of Maine Cooperative Extension were included in the latest column in the [Portland Press Herald](#) "Maine Gardener" series. In the article, "What you need to know to grow juicy strawberries in Maine," the author points to a UMaine Extension [bulletin](#) written by David Handley, a specialist of vegetables and small fruits. UMaine Extension states strawberry beds can last three to five years if well maintained, and recommended varieties for Maine include Earliglow, Sparkle, Wendy, Cavendish, Jewel and Allstar, the article states.

TIME quotes Blackstone in report on sexual harassment, equal pay

10 Apr 2018

[TIME](#) magazine quoted Amy Blackstone, a sociology professor at the University of Maine, in the article, "Inside sexual harassment's hidden toll on equal pay." Each year, thousands of employees around the country experience sexual harassment or assault in the workplace and several studies have found sexual harassment is a contributing factor to the gender wage gap, according to the article. Women who have experienced sexual harassment are 6.5 times more likely to leave their jobs than those who aren't, according to 2017 research published by Sociologists for Women in Society. These women often take jobs with lower wages, move to a different industry entirely or reduce the amount of hours they work, says Blackstone, who co-wrote the research. By moving jobs, these employees lose their seniority and standing within the company — affecting the timeline of moving up the ladder in pay and promotions, she added. "Rather than the onus being on the target of harassment to leave, let's make workplaces where everybody can thrive," Blackstone said.

Media report on leadership endowment fund to boost president's salary

10 Apr 2018

The [Portland Press Herald](#) and [Bangor Daily News](#) reported on the creation of an endowment fund that will be used to supplement the new University of Maine president's salary. The announcement came one day before the new president was expected to be named. UMaine plans to use a \$5 million donation from the Harold Alfond Foundation to establish a leadership endowment which will make the president's salary more competitive within higher education, according to the reports. "Given the challenges facing higher education and our state's economy, high-quality executive leadership at Maine's flagship university is critical," Gregory W. Powell, chairman of the Harold Alfond Foundation, said in a statement. "The foundation's grant will enable the University of Maine to compete nationally for a top-tier president and to help incentivize a long-term commitment to our state." [WGME](#) (Channel 13 in Portland) also published the BDN article.

Education faculty, grad students to participate in AERA annual meeting

10 Apr 2018

Faculty and graduate students from the University of Maine College of Education and Human Development will travel to New York City for the 2018 American Educational Research Association (AERA) Annual Meeting. Scholars from around the world and various educational disciplines will share and discuss their research at the April 13–17 conference. Here's a look at some of the events involving UMaine researchers: **Thursday April 12** Assistant professor of education Tammy Mills will participate in Invisible College for Research on Teaching, a special session before the official start of the AERA conference. Mills will take part in a panel on "Decentering the Researcher-Subject in Intimate Scholarship," where scholars will examine issues and practices around intimate scholarship, such as auto-ethnography and self-study. **Friday April 13** Assistant professor of educational leadership Catharine Biddle will participate in a symposium titled "Possible and (Im)Possible Futures: Public Education in Diverse Rural Americas." Curriculum, assessment and instruction faculty Rebecca Buchanan and Mills, along with doctoral student Ming-Tso Chien will present at a paper session on "Learning to Build Inclusive Classrooms: Promising Preservice Practices." They'll discuss their research paper "Who Is Jessica? Using a Novel in a Multicultural Teacher Education Course," co-written with fellow faculty John Maddaus and Bryan Silverman. The paper is an analysis of one student's reflections on the novel "White Bread" by Christine Sleeter, used in the class EHD 202: Education in a Multicultural Society. **Saturday April 14** Assistant professor of curriculum, assessment and instruction Rebecca Buchanan will present at a research roundtable on "Reimagining Measurement and Grading in Classroom Assessment." Buchanan will present a paper she co-wrote, titled "High School Teachers Rethinking Grading: A Qualitative Study of Two Schools." Educational leadership faculty Ian Mette and Biddle will present their research on "The Relationship of School-Community Partnerships in Rural Reform Efforts" at a poster session. Biddle and Mette will also present their paper "Deconstructing Policy Implementation Imaginaries: A Comparison of School-Community Relationships Across Policy and Rural Practice" at a rural education paper session, "When Rurality and Policy Collide" Assistant professor of science education Elizabeth Hufnagel and assistant professor of curriculum, assessment and instruction Asli Sezen-Barrie will each present at a structured poster session on "Researching Discourse and Social Practices in Science and Engineering Education." Hufnagel will present her paper titled "Emotional Discourse as Constructed in Environmental Science." Sezen-Barrie will present a paper she co-wrote, titled "An Interactional Ethnography Perspective to Analyze Informal Formative Assessments to Build Epistemic and Conceptual Coherence." **Sunday April 15** Visiting assistant professor of higher education Kathleen Gillon and visiting assistant professor in human development and family studies Patrick Cheek will present at a paper session on "Rural Postsecondary Quandaries." The title of their paper is "In Search of Stability: The Complexity of Rural College-Going, Uncertain Economies, and Family Involvement." Mette will present at a paper session on "The Role of Supervision Across Contexts and Within Educational Communities." Mette's paper is titled "The Conflation Between Supervision and Evaluation in a State Teacher Evaluation and Professional Growth System." **Monday April 16** Buchanan will present at a paper session on "Lives of Teachers: Beginning, Navigating, and Looking Back." Buchanan will talk about a paper she co-authored, titled "An Investigation of Long-Term Professional Development That Targets Teacher Beliefs and Practices." Hufnagel will take part in a paper session on "Navigating Affect and Constructing Identity in the Learning Sciences." Hufnagel will discuss a paper she co-authored, titled "I Find This Mind-Boggling!!" How Affect Supports Science Inquiry in an Online Learning Environment." Mills will present at a structured poster session on "The Model of Domain Learning: Understanding the Development of Expertise." Mills will discuss a paper she co-wrote, titled "Supporting Teachers' Learning Trajectories: The Model of Domain Learning as an Analytic Lens to Examine Exemplary Programs." Professor of higher education Elizabeth Allan will chair a symposium on "Power, Discourse, and Institutional Policy: Discourse Analysis in Higher Education Research." Research topics covered during the symposium range from explorations of sexual assault and trans-inclusive policies at higher education institutions to using policy discourse analysis to understand diversity and organizational culture. **Tuesday April 17** Buchanan will participate in a paper session on "Justice-Oriented Transformations in Preservice Teachers' Field Experiences," where she will discuss her paper, "Apprenticeship in Teacher Education." Buchanan will also take part in a symposium on "Challenges and Opportunities: Exploring the Social, Political, and Cultural Influences on Teacher Identity Development," where she will talk about a paper she co-authored, "Teacher Identity in the Current Teacher Education Policy Climate." Sezen-Barrie will participate in a structured poster session on "Equity and Agency in Climate Change Education." Sezen-Barrie will talk about a paper she co-wrote, titled "A Different Kind of Middleman': Lessons From Ms. Crawford on Preservice Science Teachers' Agency and Climate Change." Biddle will chair a roundtable session on "Critically Reexamining School-Community Relationships in Rural America."

New study finds few clinical trials of blood pressure lowering and cognition are not state-of-the-art

11 Apr 2018

Randomized controlled trials (RCTs) are considered the gold standard for clinical research, including the effects of blood pressure lowering on cognitive functioning. However, clinical trials aiming to improve normal cognitive function and slow the progress of dementia have yielded disappointing results. Statistically significant findings have not been observed in many trials, despite large samples and promising antihypertensive drugs. Other trials find associations between blood pressure lowering and improved cognition, but the effect sizes are modest and it is not clear that they are clinically important. Merrill Elias of the University of Maine, and Rachael Torres and Adam Davey, both of the University of Delaware, have published a review in the *American Journal of Hypertension* that identifies reasons why RCTs may yield small effects and provide research models that will improve future trials. Elias and colleagues argue that most of the trials performed for non-demented individuals are not state-of-the-art in their assessment of cognitive outcomes for several reasons: they use too few cognitive measures; the design of test batteries is not based on long-standing theories of cognitive ability; the trials are not conducted for sufficiently long periods of time; and measurement of cognition takes a backseat to other trial goals. The researchers identified 12 published RCTs that met criteria for inclusion in the review. Except for studies of dementia, cognitive measures used were inconsistent across the trials and systematic, theory-based guidelines for selecting cognitive measures were absent. To improve the assessment of cognition in RCTs, Elias and colleagues suggest that trials examine areas of cognition that are known to be affected by dementia, and use test batteries that examine multiple areas of cognition and contain multiple cognitive measures. They also advocate for longer trial periods and use of standard assessment criteria when the trial's primary goal is to slow or delay the onset of dementia. Potential arguments against these suggestions include the high cost of longer trials and burden associated with use of larger cognitive test batteries. Though these limitations exist, finding ways to prevent or reduce cognitive decline is extremely important, say the researchers, noting that the benefits greatly outweigh the costs. Contact: Merrill Elias, mfelias@maine.edu; Rachael Torres, rvtorres@udel.edu; Adam Davey, davey@udel.edu

Maine Impact Week to showcase diverse research, creative work benefiting the state

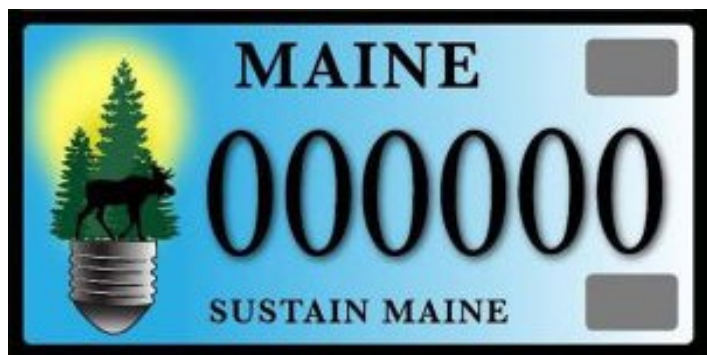
11 Apr 2018

Maine Impact Week will showcase the depth and breadth of research and creative activity of the University of Maine community and its effect on Maine's workforce and economic development through events planned for the week of April 16. Improving the quality of life of Alzheimer's disease patients, detecting and characterizing a tick-borne pathogen in Maine's moose population, and assessing the economics of Maine's coastal tourism development are three UMaine student projects featured in the third annual Student Symposium on April 17. The Student Symposium, 10 a.m.–5 p.m. at the Cross Insurance Center in Bangor, will showcase projects by more than 500 undergraduate and graduate students. The free public event is the cornerstone of Maine Impact Week, April 16–20, featuring events highlighting the breadth and depth of the state's research university. "Maine Impact Week is intended to provide an opportunity for the public to gain awareness about the latest efforts by Maine's research university in contributing to the social and economic advancement of Maine and beyond," says Kody Varahramyan, vice president for research and dean of the Graduate School. Dan Regan, a biomedical engineering graduate student, is eager to present "Enhanced Properties of Coated Paper Liquid-Infused Surfaces for Bacteria Handling and Detection," which aims to make devices used in bacteria detection more efficient. "Maine Impact Week is a great way for the university to engage with the community about the impact of their studies in a setting that allows for a personal connection to be made," says Regan. Scholarly accomplishments such as published books, works of art and musical recordings will be on display at the April 19 Celebrating Scholarship event that recognizes the impact of creative works by UMaine faculty. Highlights of Maine Impact Week: **Student Symposium** 10 a.m.–5 p.m., April 17 Cross Insurance Center, Bangor Free and open to the public Posters, exhibits and presentations Keynote address at 3:30 p.m. by Owen McCarthy, UMaine alumnus and entrepreneur, co-founder and president of MedRhythms, a digital medicine company **Business Connect** 5–7 p.m., April 17 Cross Insurance Center, Bangor Free and open to the public A networking event for business leaders and students, offered in partnership with the Bangor Region Chamber of Commerce. Presentations by the winners of UMaine's Three-Minute Thesis Competition. **Celebrating Scholarship** 5–7 p.m., April 19 Collins Center for the Arts, UMaine Free and open to the public Featuring more than 50 faculty works in research, scholarship and creative achievement.

Maine Sea Grant Research Symposium 1–5 p.m., April 20 Buchanan Alumni House, UMaine Free; RSVP [online](#) The Maine Sea Grant Biennial Research Symposium serves as a forum for new and seasoned Sea Grant investigators and students to share their research plans and outcomes, receive input from the community, and plan collaborative outreach activities. The event will include presentations, panels and a reception. **Stephen E. King Chair Lecture** 4:30 p.m., April 20 Wells Conference Center, UMaine Free and open to the public “Getting it Right, Investigative Journalism in a ‘Post-Truth’ Age” by Patricia Wen, editor of the Boston Globe Spotlight Team More about Maine Impact Week is online. Contact: Christel Peters, 207.581.3571, christel.peters@maine.edu

Grad student, community group lead drive for sustainability license plate

11 Apr 2018



In Maine, owners of cars and trucks can buy specialty license plates that publicize — and financially benefit — conservation, military troops, breast cancer support, animal welfare and other causes. If University of Maine economics graduate student Garrett Raymond and the university-based Maine Community Energy Advocates get their wish, Mainers soon could have another option: Sustain Maine. The plate, designed by UMaine new media student Jessie Huff, is intended to raise awareness of, and money for, community-based energy projects that produce renewable energy and improve energy efficiency. Several such projects in Maine have included Peaks Island residents group purchasing energy-efficient heat pumps, and WindowDressers’ workshops highlighting how to assemble insulating window inserts. Huff’s Sustain Maine plate design has a blue background and features a light bulb base topped with two evergreen trees and a moose, surrounded by soft yellow light. Each existing Maine specialty plate generates about \$240,000 annually for its cause. For Sustain Maine to be able to do the same, the state requires that Maine Community Energy Advocates secure 2,000 paid pre-orders from licensed Maine drivers. For more information and to pre-order a plate, visit the Sustain Maine website. “We started this project because we wanted to improve funding opportunities for programs that bring communities together, reduce greenhouse gas emissions, and help Maine families save money while meeting their energy needs,” Raymond says.

Exhibit of 11 works by female artists to open April 16 at IMRC

11 Apr 2018

A reception for the opening of an exhibit titled “#safetywork” will be held 5–8 p.m. April 16 at the University of Maine’s IMRC Center. Featuring works by 11 female artists, the exhibit focuses on violence against women and related issues. The reception will begin with outdoor performances on Stewart Commons in front of the IMRC Center, alongside an installation titled “BedWritten.” “BedWritten” is a collaborative work featuring the words of 100 women who have been victims of sexual assault, harassment, violence and discrimination. Their words were incorporated into a quilt to cover a bed frame placed over the seeds of 100 black tulips, which will bloom this spring and grow through the frame. After the opening performances, the quilt will be brought inside and added to the collection of exhibited works in the APPE space. Also featured is a collaborative project among 80 girls from middle schools in the area and students from Texas, which focuses on identity and empowerment. Advocacy organizations that have been invested in the creation of the works and will participate in the opening event include Partners for Peace, Bangor Rape Response Services and the Peace & Justice Center of Eastern Maine. The exhibit will run through April 20, with the works on display for public viewing 9 a.m.–4:30 p.m. Monday through Friday. “BedWritten” will be on display through May.

UMaine Rangeley Road entrance to be closed this summer, WABI reports

11 Apr 2018

[WABI](#) (Channel 5) reported the University of Maine's Rangeley Road entrance will be closed May 13 to Aug. 30 due to construction. The Maine Department of Transportation said it plans to build a roundabout with bypass lanes on Park Street and Rangeley Road. During that time, campus can be accessed by entrances along College Avenue, and Munson and Long roads will be the best routes while Rangeley Road is closed, WABI reported.

The County cites CCI report in article about upcoming film screening

11 Apr 2018

[The County](#) cited a [2015 report](#) by the University of Maine Climate Change Institute in an article about an upcoming screening of "Saving Snow" at Northern Maine Community College. The report showed the effects of climate change could negatively impact the state by causing rising surface temperatures that would result in a decrease in overall snow accumulation. There could be a 20 percent decline in overall snowfall in northern Maine between 2035 and 2054, and a 40 percent decline in snowfall in central Maine, according to the report. In addition, the report found the duration of snowpack has decreased by about two weeks throughout the past century. The report's findings support the focus of the documentary, which is about the impacts of climate change on the U.S. skiing industry, and related community activism, according to the article.

UMaine involved in project to help protect North Atlantic right whales, media report

11 Apr 2018

[Mainebiz](#) and [Mount Desert Islander](#) reported the Maine Department of Marine Resources has been awarded a grant from the National Oceanic and Atmospheric Administration to improve data used to protect endangered North Atlantic right whales. According to a DMR news release, \$714,245 was awarded to the three-year project, which begins this summer. The project will support work that improves and adds data on fishing gear that can inform future whale protection regulations, Mainebiz reported. Project participants include the University of Maine School of Marine Sciences, Maine Lobstermen's Association, and FB Environmental of Portland and Portsmouth, New Hampshire. UMaine will develop statistical models from the gathered data that regulators can use to quantify current vertical line use and to predict the potential outcomes of proposed regulations, Mount Desert Islander reported.

Dill quoted in BDN article on letting lawns grow naturally

11 Apr 2018

The [Bangor Daily News](#) quoted Griffin Dill, an integrated pest management specialist with the University of Maine Cooperative Extension, in an article titled, "Why some Mainers are trading the traditional lawn for mini meadows." The article discussed the practice of letting a lawn grow naturally on its own without mowing, which allows for increased biodiversity, reduces time and resources spent mowing, and is more eco-friendly, according to the article. Dill, a tick expert at the UMaine Extension Tick Identification Lab, responded to concerns that the practice can increase the risk of attracting ticks. Ticks are often found in areas with tall, overgrown plants, so letting a lawn grow naturally could increase their habitat, Dill said. However, they also need damp, shady areas, so if the property is bright and sunny the increase in risk would be minimal, he added.

Press Herald cites Wells in report on toxic shellfish areas

11 Apr 2018

Mark Wells, a professor of marine sciences at the University of Maine, spoke with the [Portland Press Herald](#) for the article, "In new cautionary approach, Maine shellfish areas will be closed at first sign of toxins." Public health officials said they will use extreme caution to manage toxic algae blooms this year to prevent another expensive and potentially dangerous shellfish recall, according to the article. Maine officials are expert managers of red tide, a toxic algae bloom

that can cause paralytic shellfish poisoning and recurs almost every year. But those blooms are predictable and easy to monitor compared to pseudo-nitzschia, which blooms without warning and can become very toxic at low cell concentrations, the article states. The direct cause of pseudo-nitzschia blooms since 2016 is a mystery, but UMaine researchers suspect a combination of abnormally warm ocean temperatures, changing currents and a drought that cut off nutrient flow into the Gulf of Maine may encourage toxic blooms, Press Herald reported. If this year has another hot, dry summer, that could mean another bloom on the horizon, according to Wells. “Are these going to start becoming more normal conditions? This provides one avenue to start thinking about it,” he said.

Glover, international affairs student write BDN op-ed

11 Apr 2018

Robert Glover, an associate professor of honors and political science at the University of Maine, and Cleo Barker, an honors student majoring in international affairs at UMaine, wrote an opinion piece for the [Bangor Daily News](#) titled “New arrivals will help Maine confront its employment crisis.” Glover is a member of the Maine chapter of the national Scholars Strategy Network, which brings together scholars across the country to address public challenges and their policy implications. Members’ columns appear in the BDN every other week.

Media report on announcement of UMaine’s 21st president

11 Apr 2018

The Associated Press, [Bangor Daily News](#), [Maine Public](#), [Portland Press Herald](#), [WVII](#) (Channel 7), [News Center Maine](#), [WABI](#) (Channel 5) and [Mainebiz](#) reported Dr. Joan Ferrini-Mundy will be the 21st president of the University of Maine, as well as the president of the University of Maine at Machias. Ferrini-Mundy, chief operating officer of the National Science Foundation, will assume the new role on July 1. University of Maine System Chancellor James Page introduced Ferrini-Mundy to the campus at Buchanan Alumni Hall on April 10, media reported. “Leadership at Maine’s flagship university comes with great opportunity to advance scholarship and discovery and an incredible obligation to deploy university research and talent in service to the state and its students,” Ferrini-Mundy said. “I am particularly eager to work with our colleagues at the University of Maine at Machias to pursue initiatives that strengthen our service to Maine and build stronger pathways to Maine careers.” [U.S. News & World Report](#), [WMTW](#) (Channel 8 in Portland), San Francisco Chronicle and [The Seattle Times](#) carried the AP report.

Earth Week to feature keynote speaker, other awareness events

12 Apr 2018

Earth Week 2018 at the University of Maine will take place April 16–22, and will include various events and activities focused on themes of sustainability and environmental awareness. This year’s keynote speaker will be Madelyn Woods from the Marine & Environmental Research Institute, who will present her research in a talk titled “Microplastics in the Gulf of Maine” from 12:30 to 1:30 p.m. April 18 in the Bangor Room of the Memorial Union. Many events will be held on campus and in Bangor throughout the rest of the week, including a Saturday festival and a monthlong [Plastic Straw Challenge](#). Earth Week is sponsored by the Office of Sustainability, Auxiliary Services and the Green Campus Initiative. More information, including a full schedule of events, is [online](#). Categories: campus announcements, penobscot county, signature and emerging, sustainability solutions and technology outreach

2018 CUGR Summer Fellowship winners announced

12 Apr 2018

The University of Maine’s Center for Undergraduate Research (CUGR) has announced the 2018 CUGR Summer Fellowship winners. The center’s advisory committee selected 17 proposals from 45 student submissions to be awarded \$3,000 each during the summer semester. Each proposal was reviewed by three judges and discussed at a panel for clarity of the proposed project, research objectives, importance to the field, timeline, budget and faculty commitment letter. Funding is provided by the UMaine Office of the Vice President for Research and NASA’s Maine Space Grant

Consortium. This year's winners are:

- Charles Alexandre-Roy, biological engineering, "Improving Cellular Uptake of Gold Nanoparticles," advised by Michael Mason;
- Makenzie Baber, business management, "Recipes as a Historical Timepiece: New Perspectives in the Political and Personal Life of Margaret Chase Smith," advised by Rachel Snell;
- Ashleigh Beaulieu, psychology, "Using Mouse Behavioral Assays to Detect Differences in Olfactory Bulb Neurogenesis," advised by Kristy Townsend;
- Timothy Bruce, computer science, "Geometer's Solar System," advised by Justin Dimmel;
- Cameron Fudge, biology, "Regulation of Energy Balance by Hypothalamic Tanycyte Populations," advised by Kristy Townsend;
- Emma Garner, biology, "Sympathetic Nerve Plasticity in Adipose Tissue," advised by Kristy Townsend;
- Joshua Hamilton, biological engineering, "Engineering a Biodegradable CNF Pad for IDEXX SNAP Tests," advised by Michael Mason;
- Joseph Haney, computer science, "Locomotion within Immersive Rendered Environment," advised by Justin Dimmel;
- Tal Kleinhouse, wildlife ecology, "Fire and Blood — The Effects of Temperature on Thermoregulation and Energetic Costs in Diurnal and Nocturnal Small Mammals," advised by Danielle Levesque;
- Peter Larson, civil and environmental engineering, "The Emergent Risks of Food Waste Recovery: Characterizing the Contaminants in MSW Organics from Different Sources," advised by Jean MacRae;
- Jonathan Maurer, marine sciences, "Gulf of Maine Sea-Surface Temperature During the Past 6,000 Years: Is Modern Warming Anomalous?" advised by Katherine Allen;
- Emily Miller, marine sciences, "Investigating the Relationship Between Southern Ocean Temperature Change and Iceberg Melting Around Antarctica," advised by Ellyn Enderlin;
- Joshua Passarelli, biology, "The Role of Adult Neural Stem Cells in Metabolic Control," advised by Kristy Townsend;
- Gwyneth Roberts, mathematics, "An Analytical Model of Tidal Propagation and Volume Transport in a Shallow and Narrow Estuary: An Application of the Navier-Stokes Equations," advised by Lauren Ross;
- Hadley White, secondary education, "Addressing the Foreign Language Teacher Shortage: How Can the Franco-American Center Support French Programs Under Pressure in Maine?" advised by Susan Pinette;
- Brynn Yarbrough, marine sciences, "Science Communication through Art and Neural Networks," advised by Nishad Jayasundara; and
- Caitlin Young, biological engineering, "Quantifying the Effects of Raman Laser Exposure on Osteoblasts Containing Gold Nanoparticles," advised by Michael Mason.

The awards will be presented during the 2018 UMaine Student Symposium on April 17 at the Cross Insurance Center in Bangor. For more information, visit the CUGR [website](#) or email cugr@maine.edu.

Maine Edge interviews Steep Canyon Rangers ahead of CCA concert

12 Apr 2018

[The Maine Edge](#) interviewed the North Carolina bluegrass group Steep Canyon Rangers ahead of their April 21 concert at the Collins Center for the Arts at the University of Maine. The versatile Grammy-winning sextet will host a dynamic evening of music beginning at 8 p.m.

WVH covers canoe battleship at New Balance Student Recreation Center

12 Apr 2018

[WVH \(Channel 7\)](#) covered the University of Maine's first canoe battleship competition at the New Balance Student Recreation Center pool on April 10. The competition was organized to encourage people to stay active and learn more about the center's aquatic programs. The university is planning to host a similar event at the beginning of the fall semester.

UMaine mentioned in media reports of melting Alaskan glaciers

12 Apr 2018

[Newsweek](#), [USA Today](#), [Anchorage Daily News](#), [Fairbanks Daily News-Miner](#), [EcoWatch](#), [Xinhua News Agency](#) and [Eos: Earth and Space Science News](#) reported on new research that found glaciers in a Alaska's Denali National Park are melting faster than any time in the past 400 years — and summer temperatures are starting to climb. The research, which was published in the [American Geophysical Union](#), was led by Dartmouth College. Researchers from the University of Maine's Climate Change Institute and School of Earth and Climate Sciences, as well as the University of New Hampshire, were involved in the study. Scientists who tested the temperatures of ice cores from the summit of Mount Hunter revealed that summers are between 2.2 to 3.6 degrees Fahrenheit warmer than they were during the 18th, 19th and early 20th centuries, Newsweek reported. Due to the warmer climate, 60 times more snow is melting on Mount Hunter than it did during the summers 150 years ago, the article states.

AP quotes Bouchard in article on lobster shell disease increase

12 Apr 2018

The Associated Press spoke with Deborah Bouchard, a microbiologist with the University of Maine Cooperative Extension, for an article about lobster shell disease ticking up slightly in Maine over the last couple of years. The disease, often called epizootic shell disease, is a bacterial infection that makes lobsters impossible to sell as food, eating away at their shells and sometimes killing them, according to the article. The Maine Department of Marine Resources said researchers found the disease in about 1 percent of lobsters last year, but overall prevalence of the disease remains low, especially compared to southern New England waters. Scientists who study the fishery, such as Bouchard, said it remains important to monitor for the disease, which appears to correlate with warming temperatures. "People have been investigating shell disease," she said. "I don't know if we can even call it emerging yet." The [Portland Press Herald](#), [Bangor Daily News](#), SFGate and The Kansas City Star carried the AP report.

Media report on UMaine group's effort to create sustainability license plate

12 Apr 2018

[WABI](#) (Channel 5) and [News Center Maine](#) reported the University of Maine-based Maine Community Energy Advocates is leading the effort to create a new speciality license plate focused on sustainability. The "Sustain Maine" license plate, which was designed by UMaine new media student Jessie Huff, will help raise money and awareness for programs that produce renewable energy and improve energy efficiency, according to the reports. "We think these community-based programs are a great way to help reduce greenhouse gas emissions, bring communities together, and help Maine families keep their homes warm through winter," UMaine economics graduate student Garrett Raymond told News Center Maine. "I think it's important that we protect our environment and having a more sustainable energy system is a really important step in doing that." To start production, the state requires that Maine Community Energy advocates secure 2,000 paid pre-orders from licensed Maine drivers.

Gallandt, doctoral candidate speak with BDN about seed-eating ground beetle

12 Apr 2018

Eric Gallandt, a professor of weed ecology and management at the University of Maine, and Sonja BIRTHSEL, a UMaine weed ecology doctoral candidate, spoke with the [Bangor Daily News](#) for an article about a ground beetle that eats weed seeds. "The ground beetle seed predators rank up there in my top four ways to manage weed seeds," Gallandt said. "In agriculture systems, the key to weeds' success is their ability to scatter their seeds on the surface of the soil [and] when those seeds are on the surface, the seed predators are able to get at them more easily." BIRTHSEL looked at ground beetle seed predation in her master's thesis and found that where the beetles are allowed to roam and feed, fewer weeds are often observed, the article states. "These beetles are something that naturally occur in the ecosystem that are good for farmers and gardeners," BIRTHSEL said. "I think they are kind of cute [and] they eat a fair number of weed seeds and prey

on other pests like aphids and cutworms.”

Places4Students.com partners with UMaine to provide off-campus housing service

13 Apr 2018

The University of Maine has partnered with Places4Students.com to provide a new and enhanced [resource](#) for students and community members looking for off-campus housing. Places4Students is a company that creates connections between academic institutions and students seeking off-campus housing, and provides a website and an app where landlords and property managers can exhibit properties directly to students. UMaine’s prior off-campus housing listing database expired in January 2018 and had been in place for more than 10 years. The new service is more user-friendly than the old version, and adds ways for students to search for sublease and roommate listings as well as rental listings. It is free and available for UMaine students, faculty, staff and community members. Registration is not required to search listings, but students can register to post listings for subleases or roommates. For more information, contact Places4Students at 866.766.0767, admin@p4s.com.

2018 UMaine Student Symposium to be held April 17

13 Apr 2018

The third annual UMaine Student Symposium will be held from 10 a.m. to 5 p.m. April 17 at the Cross Insurance Center in Bangor. The event is part of Maine Impact Week and will be an opportunity for community members to meet student researchers and scholars, see their posters and exhibits, hear their presentations, view short performances, and participate in arts and humanities roundtables. More than 300 projects will be presented covering a variety of studies. The event is free and open to the public. More about the UMaine Student Symposium is online.

Ellsworth American previews ‘Tick Talk’ by Dill

13 Apr 2018

[The Ellsworth American](#) reported Griffin Dill, an integrated pest management specialist with the University of Maine Cooperative Extension, will present “Tick Talk” at 5:30 p.m. April 18 at Flexit Cafe & Bakery in Ellsworth. The program is free and open to the public. It is presented by Heart of Ellsworth as part of the 2018 Community Conversations series, according to the article. Dill, who coordinates UMaine’s Tick Identification Lab and is pursuing a Ph.D. in ecology and environmental sciences, will discuss how to recognize the different varieties of ticks found in Maine and understand their life cycle, as well as learn how ticks move and ways to reduce exposure, the article states.

Kaye cited in Pasadena Star-News report on successful aging

13 Apr 2018

Len Kaye, director of the University of Maine Center on Aging, was cited in the [Pasadena Star-News](#) article, “Successful aging: Challenging assumptions about loneliness and isolation in older Americans.” The article argues more accessible resources are needed particularly for those geographically isolated from friends, other people and community. Many rural older adults are separated by long distances and often their children leave to explore life elsewhere, the article states. According to Kaye, rural elders are proud of their stoicism and independence, qualities which may have negative social consequences in older age.

Borkum discusses migraines on Maine Public’s ‘Maine Calling’

13 Apr 2018

Jonathan Borkum, a licensed psychologist and a faculty associate at the University of Maine, was a recent guest on Maine Public’s “Maine Calling” radio show. The show focused on migraines, with topics including why some people suffer from the severe headaches, effective treatments and the latest research.

WABI covers ‘Media and #MeToo’ panel discussion

13 Apr 2018

[WABI](#) (Channel 5) reported on “The Media and #MeToo” panel discussion held at the University of Maine. Brett Anderson, reporter with the New Orleans Times-Picayune, took part in the panel as the 2018 Alan Miller Fund Visiting Journalist. Last fall, Anderson reported on sexual harassment in the business empire of celebrity chef John Besh. “The environment the story was released into was really different than the environment in which it was reported, and that I think has contributed to the response that it got,” Anderson said. “We were just reporting on a story that happened in New Orleans that we thought was important and it happened to strike a chord that it was ringing around the country.” “What’s really fascinating about ‘MeToo’ is that it is a purely social media movement. It was not originally connected to any other offline activity,” said Judith Rosenbaum, an assistant professor in the Department of Communication and Journalism, who took part in the discussion. “It’s a great example of how people can use social media platforms to, you know, change public consciousness.” The panelists said while the movement is not slowing down on social media, there is still change that needs to happen in the workplace. “I think if we promote more women, the more women that we have at the top, the less likely women will be harassed at the top,” said panelist Amy Blackstone, a professor in the Department of Sociology and the Margaret Chase Smith Policy Center. Susan Gardner, director of the Rising Tide Center, moderated the discussion.

WVOM interviews incoming UMaine President Joan Ferrini-Mundy

13 Apr 2018

Incoming University of Maine President Joan Ferrini-Mundy was a recent guest on the George Hale Ric Tyler Show on [103.9 WVOM](#), The Voice of Maine. Beginning July 1, Ferrini-Mundy will become the 21st president of UMaine, as well as the president of the University of Maine at Machias.

Inaugural grant program awards \$245,000 to interdisciplinary undergraduate research

13 Apr 2018

The Interdisciplinary Undergraduate Research Collaborative has announced nine winners of its inaugural grant program funded by the Office of the Vice President for Research and Dean of the Graduate School and the UMS Research Reinvestment Fund (RRF). Funded projects involve teams of two or more faculty members from different disciplines with primarily undergraduate researchers working in areas of interest, such as UMaine’s Signature and Emerging Areas of Excellence. “We are delighted for our students who, as part of their undergraduate education at UMaine, have the opportunity to gain invaluable knowledge through the interdisciplinary team-based research experience provided by the IURC program, where learning goes beyond the classroom, and where students are prepared to become successful professionals and lifelong learners,” said Kody Varahramyan, vice president for research and dean of the Graduate School. The Office of the Vice President for Research and Dean of the Graduate School review panel received 31 grant applications from 10 disciplines. Five proposals were chosen and awarded approximately \$25,000 per project to span a 12-month performance period starting March 1, 2018. “Making Maine’s local food system sustainable: Opportunities to address hunger and reduce waste” Principal Investigator: Deborah Saber, Nursing Partners: Jean MacRae, Civil and Environmental Engineering; Cindy Isenhour, Anthropology; Balu Nayak, Food and Agriculture; Travis Blackmer, Economics; Linda Silka, Mitchell Center Sector: Environment, Food “Planning for uncertainty: The role of schools and community institutions in preparing the next generation for a new economy” Principal Investigator: Catharine Biddle, Education and Human Development Partners: Mindy Crandall, Forest Resources; Kathleen Bell, Economics Sector: Socioeconomics, Education “Assessing riparian management as a tool for balancing Maine’s forest economies and freshwater resources: a collaborative undergraduate research approach” Principal Investigator: Hamish Greig, Biology and Ecology Partners: Amanda Klemmer, Biology and Ecology; Mindy Crandall, Forest Resources; Robert Northington, Biology and Ecology; Shawn Fraver, Forest Resources Sector: Ecology, Forest Economy, Agriculture “Risk of zoonotic disease from an iconic wildlife reservoir: An interdisciplinary approach” Principal Investigator: Pauline Kamath, School of Food and Agriculture Partners: Sandra De Urioste-Stone, Forest Resources; Anne

Lichtenwalner, Food and Agriculture Sector: Wildlife, Human Health “Fall detection and prevention research collaborative” Principal Investigator: Ali Abedi, Electrical and Computer Engineering Partners: EMHS; Vince Caccese, Mechanical Engineering; Marie Hayes, Psychology, Sector: Health Device, Aging The RRF Advisory board received nine grant applications and selected four for funding. These projects were awarded approximately \$30,000 each and will commence in the coming months. “Maine ag data monitoring app — undergrad interdisciplinary” Principal Investigator: Joline Blais, New Media Partners: UMaine Presque Isle, Sustainable Year Round Agriculture Initiative (SYRA) Sector: Agriculture, Computer Science “High throughput predictive bioenergetics through statistical machine learning for big-data to assess biological responses to environmental stressors” Principal Investigator: Nishad Jayasundara, Marine Sciences Partner: Wei Zheng, Mathematics and Statistics Sector: Biology, Data Science “Muscular Dystrophy genomics research collaborative” Principal Investigator: Benjamin King, Department of Molecular and Biomedical Sciences Partner: Clarissa Henry, School of Biology and Ecology Sector: Health Care, Genomics “Track III: Coastal ecosystem science for Maine’s marine economy and coastal communities” Principal Investigator: Heather Leslie, Darling Marine Center Partners: University of Maine at Machias, University of Southern Maine Sector: Marine Sciences The IURC grant program will continue to award projects annually. Contact: Christel Peters, christel.peters@maine.edu

Art education students creating, selling T-shirts to benefit indigenous-led nonprofit

13 Apr 2018

As part of the requirements for an upper-level art education course at the University of Maine, students are striving to elicit real change through art, local action and awareness. This semester, the student program University of Maine Art Education Community Outreach (UMAECO) is working with Gedakina, an indigenous-led nonprofit. [Gedakina](#)’s mission is “to strengthen and revitalize the cultural knowledge and identity of Native American youth, women and families from across New England and to conserve our traditional homelands and places of historical, ecological, and spiritual significance.” The art education students are raising funds to support two of Gedakina’s programs for women and girls. “Braiding Sweetgrass” is a multifaceted initiative that creates safe circles where indigenous women and girls teach and learn traditional life-ways, including beading, drum making and plant knowledge, while also discussing topics of importance such as economic opportunities and sexual and domestic violence prevention and healing. “Cultivating Mother Corn” is a multiyear initiative that promotes indigenous food systems recovery, including reviving the tradition of wild ricing, and a women-led recovery of traditional “Three Sisters” mound agriculture on a farm along Sandy River in Starks. Food was grown sustainably on this land by the Wabanaki people for thousands of years before access was cut off after the land was appropriated by colonists following the 1724 massacre of Abenaki at Norridgewock Village. The project represents the first time in nearly 300 years that descendants of Abenaki survivors of this genocide and other tribal people, especially Wabanaki women and children, have been safe and welcome on these ancestral planting fields. To support these Gedakina initiatives, the UMAECO students have designed original imagery and printed it on T-shirts, which were bought from Brewer vendor, W. S. Emerson Co. The printed shirts will be sold within the local community for \$15 each. All of the proceeds will be given to Gedakina. The students will be selling the shirts from 11:30 a.m. to 1:30 p.m. April 18 in the Memorial Union on campus. This project is supported by the Clement and Linda McGillicuddy Humanities Center and the UMaine Department of Art. For more information, email Constant Albertson at constant@maine.edu.

Bryce Risley: SMS grad student focuses on future of marine ornamental species trade in a changing world

13 Apr 2018

The first day that snow fell in December 2017, Bryce Risley boarded a plane headed for the sandy, palm tree-lined coasts of Sri Lanka. During winter break, the graduate student in the School of Marine Sciences conducted fieldwork focused on the marine ornamental species trade, more broadly referred to as the aquarium trade. The trade — globally worth hundreds of millions of dollars — delivers species to public aquariums worldwide and to specialty retail stores where the public can purchase live fish, coral and invertebrates to stock their personal home aquariums. Risley grew up in New Mexico, more than 630 miles from the nearest beach in Puerto Peñasco, Mexico. Inspired by his grandparents, who promoted education and outreach as docents at Albuquerque Biological Park, Risley began keeping fresh and saltwater fish as a hobbyist at age 14. Some of his first jobs included working retail at local fish stores. While earning his bachelor’s degree in geography at the University of New Mexico, Risley worked full time as an aquarist at the

Albuquerque aquarium. Now, he's exploring the totality of the supply chain of this trade — from its impacts on reef health to the communities of people who derive their livelihoods by diving to capture wild animals. “The stories being told about the plight of coral reefs around the world are important, and we need to keep telling these stories,” says Risley. “These stories often focus on environmental ailments, like rising ocean temperatures resulting in mass beaching events, ocean acidification, coastal development and pollution, sedimentation, deoxygenation, coral-eating starfish, and irresponsible fishing practices, all resulting in the degradation of these ecosystems.” But those stories often don't mention communities whose livelihoods are connected to the reefs, says Risley. [caption id="attachment_60210"



align="alignright" width="365"]©BRYCE RISLEY

An ornamental fish collector holds a bag of scarlet cleaner shrimp. [caption] “How are these dependents coping with a deteriorating environment? What are they observing? How are they adapting? And what, if anything, are these communities and their governments prepared to do to preserve these resources,” he asks. For this interdisciplinary study, the dual master's degree student in marine policy and marine biology works with SMS faculty Aaron Strong and Nishad Jayasundara to answer those questions. His studies are conducted in collaboration with the University of Ruhuna, Sri Lanka and the THEME Institute, a nonprofit based in Sri Lanka. Risley examines organisms on coral reefs and the people who depend on coral reefs to make a living. In Sri Lanka, he's met with exporters, divers who collect reef fish, academics, and government officials to learn more about the trade. Managing reef fisheries, Risley says, requires consideration of coral reef ecology as well as stakeholder interactions — with diverse reef habitat resources, government agencies, communities, nongovernment organizations and activist groups. He says considering the adaptability of each of these variables is

essential to understand what the future of reef habitats, and those who interact with them, will be like. To understand sustainability and resilience of Sri Lankan marine ornamental fisheries, Risley says considerations include: turbid water along nearshore reefs coupled with excessive weather events that prohibit fishers from accessing reefs; highly sedimented and degraded reef habitats littered with discarded fishing gear and plastic waste; fishers collecting keystone species; and exporters' pessimism about the future of the local trade. Risley also is assisting Jayasundara by designing a lab at UMaine to breed a species of clownfish from chosen reef sites in Sri Lanka, and examining the species' physiological tolerance. He'll seek to identify certain characteristics that may indicate its adaptability to thermal and other stressors in reef habitats. "Understanding how reef species are responding to changes in their environments as they cope with and adapt to climate change, pollution and other environmental perturbations will allow us to anticipate, and potentially manage, what future reef ecosystems will look like," Risley says. "In the marine ornamental species trade, this could change how and from where aquaculturists chose broodstock. If species reintroduction to reef habitats becomes a future goal, we may be able to identify robust populations of fish which have the physiological capacity to survive on future reefs." This summer, Risley will return to Sri Lanka for additional fieldwork. He'll also meet marine ornamental importers in Los Angeles to check the pulse of the trade with stakeholders at the receiving end of the supply chain. Contact: Aaron Strong, 207.581.4336

Divers go face-to-fin with sharks in Atlanta

13 Apr 2018

University of Maine divers Colby Johns, Elisabeth Maxwell and Hattie Train went face-to-fin with enormous whale sharks, rare bowmouth guitarfish, reef sharks, a sawshark, manta rays, wobbegongs and other fish from three oceans at the Georgia Aquarium in Atlanta. The American Academy of Underwater Sciences (AAUS) scientific divers did so in February in the aquarium's Ocean Voyager exhibit that contains more than 6 million gallons of saltwater. Here's a portion of their [30-minute dive](#). Johns graduated from UMaine with a bachelor's in marine sciences in 2015, the same year she earned her scientific diving certification. The PADI Divemaster — professional dive leader — is a scientific diving assistant for the UMaine program. Maxwell earned her master's in marine biology and marine policy in 2017 at UMaine. She also interned with the UMaine diving program in 2017 after earning her scientific diving certification a year earlier. Train, a marine science student on pace to graduate in 2019, is the current dive program intern. In 2017, she took part in [Semester By the Sea](#) at the Darling Marine Center, where she completed her scientific diving certification. Next year, she'll assist with the program and working toward her Divemaster — the first rung of the professional diver ladder. The [UMaine Scientific Diving Program](#) provides training to new and experienced divers so they may conduct research underwater. The program is an AAUS member and adheres to its diving and training standards. The program is housed at the DMC in Walpole, Maine and UMaine scientific divers conduct research all over the planet. Contact: Beth Staples, 207.581.3777

Sen. Susan Collins to give UMaine Commencement address

17 Apr 2018

Sen. Susan Collins will be the Commencement speaker at the University of Maine May 12. Maine's senior United States senator will address both ceremonies of the 216th Commencement that begin at 9:30 a.m. and 2:30 p.m. in Alfond Sports Arena. "It is our tremendous pleasure to have Sen. Collins as our Commencement speaker," says UMaine President Susan J. Hunter. "She is one of the most influential voices in our nation today and a remarkable leader working tirelessly on behalf of Maine. Her support for the mission of the University of Maine has enabled the state's land grant university to undertake important work with far-reaching implications in Maine and beyond." Collins was first elected to the U.S. Senate in 1996. She ranks 14th in Senate seniority and is the most senior Republican woman. Collins chairs the Senate Aging Committee, and the Transportation, Housing and Urban Development Appropriations Subcommittee. She also serves on the Intelligence Committee, and the Health, Education, Labor and Pensions Committee. Collins has earned a national reputation for working across party lines. In 2004, she co-authored landmark legislation overhauling the nation's intelligence community, improving its effectiveness while protecting civil liberties. Collins was the lead Republican in the successful effort to repeal the military's discriminatory "Don't Ask, Don't Tell" policy in December 2010. She is the founder of the Common Sense Coalition, a bipartisan group of senators who wrote the framework of the plan that ended the 16-day government shutdown in October 2013, as well as the shutdown in

February 2018. For the last four consecutive years, Collins has ranked as the most bipartisan member of the U.S. Senate, and she recently received the inaugural Jacob Javits Prize for Bipartisan Leadership. Known for her Maine work ethic, Collins has never missed a roll call vote, casting more than 6,600. A native of Caribou, Maine, Collins graduated Phi Beta Kappa from St. Lawrence University and joined the staff of then-Congressman and later Senator William Cohen. She was appointed director of the Small Business Administration's regional office in Boston by President George H.W. Bush, and she was the founding executive director of the Center for Family Business at Husson University in Bangor, Maine. UMaine awarded an honorary degree to Collins in 2011. Contact: Margaret Nagle, 207.581.3745

Derek Volk to share experiences raising son on autism spectrum

17 Apr 2018

The number of children diagnosed with autism spectrum disorders in the United States has skyrocketed the last 20 years. In 2000, autism affected 1 in 150 8-year-olds. By 2012, that number was 1 in 68, according to the Centers for Disease Control and Prevention. Individuals with autism are entering college at an unprecedented rate, and higher education institutions are striving to provide accommodations and services to meet their educational, social and emotional needs. That includes the University of Maine, where Sara Henry, director of [Student Accessibility Services](#), says the number of students with autism coming to her office has nearly doubled in the past five years—from 22 in 2013 to more than 40 so far this school year. “Here’s the caveat. The count represents only the students who come to see us,” Henry says. “Many more students who are on the spectrum may be at UMaine, some who have been diagnosed and others who have not, and not everyone accesses the available services.” To provide perspective, on April 27, Derek Volk, author of [“Chasing the Rabbit: A Dad’s Life Raising a Son on the Spectrum”](#) will give a free, public talk at UMaine. Volk, a businessman who’s married to state Sen. Amy Volk of Scarborough, says the title comes from a metaphor he uses to describe the life of their son, Dylan Volk. “I always compared Dylan to a greyhound chasing the rabbit around the dog track,” he says. “The rabbit represents normal. He’ll do anything to catch the rabbit, he’ll exhaust himself, but it is always just out of reach.” The father and son frequently speak at conferences across the country and discuss some of the more difficult aspects of living with autism, including issues Dylan Volk has had maintaining a job and his run-ins with the law. “Everyone will take something different from it,” says Volk. “Educators will understand that it’s a spectrum, so you have to learn what makes a person with autism tick. They’re all different. Parents will realize you’re not alone. You can get through this.” Getting through college can be challenging enough, says Henry. And for students with autism, those challenges are magnified. Common issues affecting people on the spectrum include difficulty communicating, problems managing deadlines and relationships, and dealing with sensory overload. College experiences, including living in a residence hall, can be overwhelming. And Henry says problems are particularly acute for first-year students with autism. “The difference between high school and college is immense,” Henry says. “In high school, you’re usually in one building and your classes and teachers are very structured. Then you come to University of Maine and you have to be in Neville Hall at this time for this class, find the math lab in one building and the tutor program in another. It can be a challenge figuring it out.” Complicating matters, some people on the spectrum have additional mental health challenges, such as anxiety or attention-deficit disorder. Henry says no two cases are the same. “You could put a thousand people with autism in an auditorium and if you talked to each one you’d have a thousand different experiences,” she says. Student Accessibility Services provides different accommodations to individuals with a variety of disabilities, including extra time or location changes for tests, note-taking assistance and adaptive technology. Henry says students with autism greatly benefit from regular meetings with someone to help structure their school and personal lives. Since her office has two professional staff to serve more than 650 students, educating faculty and staff about autism is a high priority, because they interact with students on a day-to-day basis. SAS provides training to different departments, focusing on how to serve students with autism and other challenges. Another resource for faculty and professional staff is the [Maine Autism Institute for Education and Research](#), a partnership between the Maine Department of Education and the College of Education and Human Development. MAIER’s primary mission is supporting Maine preK–12 educators with professional development and research on established best practices to educate and support children with autism spectrum disorders. The institute also recently compiled a list of links to resources for supporting college students on the spectrum and posted it to its [website](#). Donna Doherty, a research associate with MAIER, says providing resources to university faculty and staff is an extension of its work with elementary and secondary educators. “An important aspect of our work is our outreach to Maine families and community members, including the UMaine community,” says Doherty. “By directing faculty to reliable and scientifically supported resources and offering educational opportunities, we hope to support the success of students with autism on campus.” Volk’s April 27 talk is co-hosted by MAIER and

SAS. While Dylan Volk is living in Los Angeles and interning in the media business, videos of him talking about his experiences will be shown. Volk says his son is working on a follow-up to “Chasing the Rabbit” that’s tentatively titled, “Bad Choices Make Good Stories: My Life with Autism.” The talk will be held 6:30–8 p.m. Friday, April 27, in the Bangor Room at Memorial Union. Pre-registration is requested; contact Donna Doherty at MAIER, donna.doherty@maine.edu or 207.581.2468. Contact: Casey Kelly, 207.581.3751

Crafting a moonless Earth: Growing STEM interest through 'What-if' simulations

17 Apr 2018

What if you could explore, firsthand, an alternate Earth in which the moon did not exist? What if there were two moons? What might you observe if the Earth was larger or smaller, or perhaps if its atmosphere were thicker? These are the experiences University of Maine astrophysicist Neil Comins and a team of researchers are working to bring to middle school learners through the virtual worlds of Minecraft. Comins, a professor of physics and astronomy, has authored a number of books that consider a number of astronomical and astrophysical “what-if” scenarios, including what the Earth would be like if it did not have its moon. He’s also a researcher on What-if Hypothetical Implementations in Minecraft (WHIMC), a new project that aims to create engaging and exciting computer simulations designed to spark interest in science using the popular video game. Since its release in 2009, Minecraft has been used increasingly by educators in diverse and creative ways as an informal learning platform. And in the coming decades, the researchers anticipate that a large portion of the nation’s scientists and engineers will attribute the game as a major influence in their career choice. According to the researchers, the project was designed to address the need to better understand how modern technologies commonplace in the lives of young learners, like video games, can be used to promote engagement with science-related content. They hope to identify effective uses of Minecraft for learning and to better understand how it’s impacting a new generation of students’ relationship with science, technology, engineering and mathematics (STEM). WHIMC’s interdisciplinary team of researchers is led by H. Chad Lane from the University of Illinois, Urbana-Champaign, and also includes Jorge Perez-Gallego from the Patricia and Phillip Frost Museum of Science in Miami, Florida. Minecraft is an incredibly popular video game — the second most popular in the history of video games and boasts an overwhelming number of players with over 100 million worldwide. The game is best described as a virtual sandbox world generated from millions of Lego-like cubes, each of which represent a variety of resources and materials, and make up dozens of unique ecologies and environments. Within these near-infinite digital landscapes, players can explore, interact and create anything they want. The game’s code is also modifiable, which allows developers to customize and extend the capabilities of the game, often in substantial ways. Through modifications, or mods, entirely new worlds with “rules” based in real-world data can be created and widely shared. As a platform, Minecraft allows the researchers to build entirely new versions of Earth consistent with the laws of nature based on Comins’ what-if scenarios. Learners can then interactively observe the scientific consequences of astronomical changes to the environment, such as different gravitational pulls, day-night cycles, ocean and tide behaviors or extreme atmospheric conditions, directly. Comins and the team’s goal is to enable participants to directly explore plausible, nonfictional what-if scenarios about the natural world, rather than simply hearing or reading about them. For example, learners exploring a Minecraft version of a moonless Earth, might observe stronger winds, shorter trees and smaller mountains — according to Comins, each a likely consequence of an absent moon. Then, based on their own understanding of physics or astronomy, participants could use these observations to propose scientific explanations for what they see as different. In this case, the absence of the gravitational pull of the moon would increase the rate of Earth’s rotation, causing increased wind speeds. With higher winds, only shorter trees would survive and mountains would undergo higher rates of erosion, causing them to be smaller as well. The research team plans to conduct the WHIMC study at the Patricia and Phillip Frost Museum of Science, the Children’s Museum in Indianapolis, Indiana, and the Champaign-Urbana Community Fab Lab and the Illinois Digital Ecologies and Learning Laboratory in Champaign, Illinois. Through their research into the relationship between Minecraft and STEM learning, the researchers also hope to create new pathways into STEM for historically underrepresented audiences. WHIMC is supported by a grant from the National Science Foundation’s (NSF) Advancing Informal STEM Learning (AISL) program, which seeks to develop and advance new approaches to STEM learning in informal environments, like museums, after-school programs and summer camps. Contact: Walter Beckwith 207.581.3729

Lesson learned? Analysis finds lectures still dominate STEM education

An analysis of more than 2,000 college classes in science, technology, engineering and math has imparted a lesson that might resonate with many students who sat through them: Enough with the lectures, already. Published March 29 in the journal [Science](#), the largest-ever observational study of undergraduate STEM education monitored nearly 550 faculty as they taught more than 700 courses at 25 institutions across the United States and Canada. The University of Nebraska-Lincoln's Marilyne Stains and colleagues, including Michelle Smith, MacKenzie Stetzer and Erin Vinson from the University of Maine, found 55 percent of STEM classroom interactions consisted mostly of conventional lecturing, a style that prior research has identified as among the least effective at teaching and engaging students. Another 27 percent featured interactive lectures that had students participating in some group activities or answering multiple-choice questions with handheld clickers. Eighteen percent emphasized a student-centered style heavy on group work and discussions. The predominance of lecturing observed in the study persists despite many years of federal and state educational agencies advocating for more student-centered learning, the researchers said. "There is an enormous amount of work that has demonstrated that these (student-centered) strategies improve students' learning and attitudes toward science," says Stains, the study's lead author and associate professor of chemistry at Nebraska. "It's not just that they understand it better, but they also appreciate science more. They're not as scared of it, and they engage more easily with it. When you see that kind of effect, it makes you say, 'Why are we still doing it the other way?'" One potential culprit captured by the study: Though smaller class sizes and open classroom layouts often are considered essential to student-centered learning, they do not guarantee its adoption. Lectures did occur more often in larger than smaller classes, the study found, and open layouts did correlate with more student-centered learning. But about half the courses with those advantages still featured more conventional lecturing than interactive or student-centered teaching styles. "When you talk to faculty, you often hear, 'I teach in an amphitheater. I could never do group work; it's just not practical. But if I had a small class, I could do it,'" Stains says. "But just because you have the right layout doesn't mean you're actually going to (promote) active learning. You need to be trained in those kinds of practices. If there's not a budget for professional development to help faculty use those environments, they're going to default to what they know best, which is lecturing." Smith agrees. "Faculty professional development is most effective if it is a long-term engagement where instructors have the opportunity to discuss and implement changes as part of a supportive community," she says. "Making sure there is support for these types of faculty learning communities is critical to promoting instructional changes." The study did show that many faculty adopt multiple teaching styles throughout a semester. Among the faculty who were observed at least twice, 42 percent demonstrated two styles. Based on its data, the research team concluded that three or four classroom visits are needed to reliably characterize an instructor's approach. "This outcome is important for thinking about how STEM departments evaluate the teaching portion of tenure and promotion applications," says Smith. "Faculty should be evaluated based on a combination of observations from three or four class periods." Much of the previous research into STEM instruction has relied on surveying faculty about their practices. Though the resulting data has proven valuable, Stains says, the flaws of human memory and perception inevitably find their way into that data. "Surveys and self-reports are useful to get people's perceptions of what they are doing," she says. "If you ask me about how I teach, I might tell you, 'I spend 50 percent of my class having students talk to each other.' But when you actually come to my class and observe, you may find that it's more like 30 percent. Our perception is not always accurate." So the research team decided to observe and document STEM classroom practices with a commonly used protocol that Smith helped to develop. That protocol involved documenting 13 types of student behavior and 12 types of instructor behavior that were codified for every two-minute interval throughout a class. An analysis based on the prevalence of four student and four instructor behaviors allowed the team to identify seven instructional profiles, which were then categorized into three broad teaching styles. Those efforts also led to the creation of an app that runs essentially the same analyses conducted for the new study, giving users a prompt breakdown of teaching styles and the frequency of all 25 behaviors captured by the observational protocol. "People can do their own measurements and see how they compare to this large dataset — see how either their department or college is doing — and say, 'This is where we stand. This is where we want to go,'" says Stains. Smith says even though she has been involved in this research and is familiar with observation protocols, the data has helped her as an instructor. "I was once observed teaching a population genetics topic and the observation data revealed that I lectured a lot more in this class period compared to my other observations," she says. "I was shocked how different it was and these data were a wonderful incentive to change that class." In the meantime, the study's scale and interdisciplinary nature make it a "reliable snapshot" of how STEM gets taught to undergraduate students in North America, its authors say. "There are many universities that are interested in integrating student-centered practices into their undergraduate STEM curriculum," Stains says. "This could give them insights about what's probably going on in their classrooms if they're at

a research-intensive institution.” Colleagues from Auburn University; Simon Fraser University; the University of British Columbia; the University of Colorado Boulder; the University of Iowa; Armstrong State University; the University of California, Los Angeles; Otterbein University; the University of California, San Diego; the University of Michigan; the University of Calgary; the University of Virginia; and St. Mary’s University (Halifax) also took part in the study. The research team received funding in part from the National Science Foundation and the National Institutes of Health. Contact: Scott Schrage, University of Nebraska–Lincoln, 402.472.4206; Beth Staples, 207.581.3777

2018 Retirement Banquet to be held April 30

18 Apr 2018

An event celebrating the contributions and accomplishments of University of Maine colleagues will be held April 30 at Wells Conference Center. The 2018 Retirement Banquet will begin with a social at 6 p.m. followed by a dinner and program beginning at 6:30 p.m. Members of the UMaine community are invited to join President Susan J. Hunter, senior administrators, colleagues and friends to honor retiring UMaine faculty and staff. For more information or to RSVP by April 20, contact Angela Michaud at 581.1640, angelamichaud@maine.edu. Family members, friends and co-workers are welcome to attend for \$25 per person.

Healthy High to be held April 20, roads closed during race

18 Apr 2018

The 11th annual Healthy High 5k/10k and 1-mile run/walk will be held at the University of Maine at 5 p.m. Friday, April 20. More than 1,000 runners, walkers, volunteers and spectators are expected to take part in the race that begins and ends at the New Balance Student Recreation Center. Those driving on campus during the race should use caution. The following roads will be closed 4:30–6 p.m.

- Rangeley Road to Park Street (Bangor Savings exit)
- Hilltop Road, including the Rec Center, Tennis Court and IMRC parking areas
- Long Road entrance at College Avenue (next to the Alford Arena)

UMaine community members are encouraged to make arrangements to leave early, stay late or join the race. Registration is [online](#).

WABI previews facilities management job fair

18 Apr 2018

[WABI](#) (Channel 5) reported the University of Maine Office of Facilities Management will host a job fair from 5 to 7 p.m. April 18 at the UMaine campus facilities complex off Rangeley Road. Campus officials will discuss how trades employees work behind the scenes to keep the campus presentable and operational, WABI reported. Representatives from each of the trades shops, including carpentry, custodial, electrical and plumbing, will be available to speak about opportunities at UMaine, the report states.

Garland quoted in BDN article on spring-planted bulbs

18 Apr 2018

The [Bangor Daily News](#) spoke with Kate Garland, a horticulturist with the University of Maine Cooperative Extension, for the article, “What Mainers should know about spring-planted bulbs and their blossoms.” Waiting before digging up bulbs in the fall is important, according to experts including Garland. Gardeners should not act until after the foliage fades and yellows, the article states. “They’re translocating their resources into the bulb for the year,” she said of the flowers, adding that if people dig them up too soon, they may not have enough stored energy and nutrients to grow a strong plant the following year.

Machias Valley News Observer covers incoming president's visit to UMM

18 Apr 2018

[Machias Valley News Observer](#) reported one day after the announcement was made that Joan Ferrini-Mundy will be the 21st president of the University of Maine, as well as president of the University of Maine at Machias, that she made a trip to UMM. Ferrini-Mundy attended an afternoon reception with UMM personnel and students in Machias, according to the article. She will begin her term as president of both campuses July 1.

Fuller speaks about foraging on Maine Public's 'Maine Calling'

18 Apr 2018

David Fuller, a fiddlehead expert and agricultural and nontimber forest products professional with the University of Maine Cooperative Extension, was a recent guest on [Maine Public](#)'s "Maine Calling" radio show. The show focused on finding wild plants and mushrooms that can be foraged for food, medicinal use and other purposes. Fuller and other guests discussed what plants can be found in Maine, how to differentiate the safe from the toxic, and ways to use what is foraged.

BDN cites Brzozowski in article on getting garden tools ready for season

18 Apr 2018

The [Bangor Daily News](#) spoke with Richard Brzozowski, food system program administrator with the University of Maine Cooperative Extension, for an article about how to get garden tools ready for the season. "For many gardeners, springtime is a rush job. Lots of time, people leave it up to one weekend — Memorial Day weekend — and that puts the squeeze on things," Brzozowski said. "For many people in Maine, it's still too early to work the soil. You can use this time to inventory your tools. See what can be replaced and what can be fixed. And take an organized approach. If you're organized, things get easier." Brzozowski and Shawn Ehlers, of the National AgrAbility Project, recently collaborated on an [article](#) about preparing garden tools for the season in the April issue of the [Maine Home Garden News](#), a free online monthly newsletter published by UMaine Extension. Brzozowski and Ehlers said having the right tools can allow gardens more success with less physical strain. "Like any tools, garden tools need to be maintained properly to get their optimum usage," the men wrote. "A broken, weakened or dull tool might be used, but its full benefit is lacking. Plus, a tool not 'up to snuff' could be a safety hazard."

WVII, WABI report on biomedical engineering capstone projects

18 Apr 2018

[WVII](#) (Channel 7) and [WABI](#) (Channel 5) reported on senior capstone projects created by biomedical engineering students at the University of Maine. The students showed off their projects ahead of the 2018 UMaine Student Symposium. One group worked with mechanical engineering technology students to develop a soft, wearable robotic system to assist older adults or others who have impaired arm movement. "There aren't currently a lot of options of how to rehabilitate a person's arms, so we hope that our cheap, easy-to-use device will help out the aging population," biomedical engineering student Rachel Detwiler told WABI. Gregory Viola, a mechanical engineering technology student, said he hopes the tool will help older residents lead more independent lives. Another group created a high-fidelity simulation vest that can be worn by actors in a medical training scenario. Using state-of-the-art approaches, such as flat, embroidered speakers, the vest can create realistic abnormal heart and lung sounds that can mimic conditions including pneumonia and heart valve abnormalities. "This gives a real interaction with the patient which makes it better for them because they'll be able to actually have that hands-on experience and actually have bedside manner and be able to better treat the patient and not just a manikin," student Jennie Daley said.

Camire discusses pesticides, produce with NBC News BETTER

18 Apr 2018

Mary Ellen Camire, a fellow at the Institute of Food Technologists and a professor of food science and human nutrition in the School of Food and Agriculture at the University of Maine, was quoted in an [NBC News BETTER](#) article about risks posed by pesticides. The article was written in response to this year's "Dirty Dozen" and "Clean 15" lists of the most and least affected produce released by the Environmental Working Group (EWG). Camire discussed changing practices in food production that could reduce the amount of pesticides on produce from small local farms, regardless of whether it is organic. These include the use of protective insects to control harmful ones as a substitute for synthetic pesticides, and hydroponic technology used in greenhouses where pesticide use is rare. Organic produce is not free of pesticides, but is grown with natural pesticides instead of synthetic chemicals. The EWG's lists reflect the average and maximum numbers of different pesticides found on fruits and vegetables, but not the levels. The amounts are probably not harmful, and it is still better to eat conventionally grown produce than skip it entirely because the health benefits of a diet rich in produce outweigh the health risks of pesticides, according to the article. And while Camire maintains an organic garden herself, she says the label has not been the primary influence on her choices of how to feed her family.

President Hunter to receive honorary doctorate from Husson, MaineBiz reports

18 Apr 2018

[MaineBiz](#) reported Husson University announced it will grant honorary doctorates to Susan J. Hunter, the University of Maine's first woman president, and Peter G. Vigue, chairman of the board of Cianbro Cos. The honorary degrees will be conferred at Husson's 119th annual commencement May 5 at the Cross Insurance Center in Bangor, according to the article.

Media cover 2018 UMaine Student Symposium

18 Apr 2018

[WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported on the third annual UMaine Student Symposium at the Cross Insurance Center in Bangor. The free event, which is part of Maine Impact Week, offered an opportunity for community members to meet more than 1,300 student researchers and scholars, see their posters and exhibits, hear their presentations, view short performances, and participate in arts and humanities roundtables. "People in Maine with different problems and different needs for technology, they can come and see here how research actually translates into our daily life," Ali Abedi, director of the Center for Undergraduate Research at the University of Maine, told WABI. During the event, UMaine nursing students offered blood pressure screenings to promote the importance of keeping up with your health, WABI reported. WVII spoke with biomedical engineering students who created a diagnostic glove, in partnership with volunteer search and rescue group Down East Emergency Medicine Institute (DEEMI). "The drone will drop our glove design to the patient where they put it on, and the biometric data from the sensors will be sent back to the drone and then sent back the Humvee where the doctor can get that in real time," said Brianna DeGone, a UMaine biomedical engineering student.

UMaine offering free early college summer courses for qualified high school students

19 Apr 2018

Through a partnership between the Maine Department of Education and the University of Maine System, tuition is waived for all qualified high school students in Maine to cover up to 12 college credits per year. Starting May 14, the University of Maine will offer summer courses suitable for rising high school juniors and seniors. Early college courses are available at the University of Maine campus in Orono, the UMaine Hutchinson Center in Belfast, and online. Interested students and parents should contact academic adviser Amy Smith at 338.8004 or amy.m.smith@maine.edu to learn more about the application process. Classes are taught by world-class UMaine faculty and meet general education requirements of the University of Maine System, as well as the majority of colleges nationwide. Students around the state will benefit from the flexibility and variety of live and online early college courses offered this summer. Courses are condensed to a six-week format beginning May 14 or June 25, and include topics in art history; astronomy; Canadian studies; child development and family relations; communication and journalism; English; food science and

human nutrition; geography; history; leadership studies; mathematics; Maine studies; peace studies; political science; psychology; Spanish; statistics; and women's, gender, and sexuality studies.

Bangor Flower and Garden Show to be held at Alfond Arena April 20–22

19 Apr 2018

The Bangor Flower and Garden Show will be held at the University of Maine's Harold Alfond Sports Arena, April 20–22. The show will be open 10 a.m.–6 p.m. Friday and Saturday, and 10 a.m.–4 p.m. Sunday. General admission is \$10. Children 12 and under are free with adult supervision. Free parking is included. Members of the University of Maine Cooperative Extension in Penobscot County and UMaine Horticulture Club, as well as other UMaine environmental horticulture students are expected to participate in the event. More information is [online](#).

Holocaust and Human Rights Center of Maine to open Franco-American art exhibit

19 Apr 2018

A Franco-American art exhibit titled “Beau-frog: The Art of Peter Archambault” will open April 20 at the Holocaust and Human Rights Center of Maine. The artwork consists of cartoon drawings, political commentary, Franco-American cultural exploration and personal discovery. It was created by Archambault at the University of Maine's Franco-American Centre. The exhibit is a collaboration with UMaine's Franco-American programs. A reception will take place at the Michael Klahr Center on the UMA campus from 5–7 p.m. April 20 and will be free and open to the public. The exhibit will remain on display through August, open for viewing 10 a.m.–4 p.m. Monday through Friday. The HHRC hosts other exhibits, events, meetings and workshops throughout the year. For more information, call 621.3530 or visit hhrcmaine.org.

2018 Zimmerman Memorial Fitness Challenge to be held April 21

19 Apr 2018

The University of Maine will host the 2018 1st Lt. James R. Zimmerman Memorial Fitness Challenge on April 21. 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 November 2010 in Afghanistan. Registration, which can be completed [online](#), is \$60 per team for UMaine students, faculty and staff; \$80 per team for others. 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 barbecue for all participants will be held after completion of the challenge. More information about Zimmerman and the fitness challenge is on the event's [website](#) and [Facebook](#) page.

UMaine Woodsmen Team competes at Mud Meet, Morning Sentinel reports

19 Apr 2018

The [Morning Sentinel](#) reported on the annual Mud Meet held at Colby College in Waterville. The all-day competition featured events for singles, doubles and teams, where competitors rolled logs, used axes to chop through vertically and horizontally positioned chunks of wood, and used huge bucksaws on wooden beams, according to the article. Students from 10 colleges in the region participated, including the University of Maine, the article states.

BDN publishes op-ed by Tjepkema

19 Apr 2018

The [Bangor Daily News](#) published an opinion piece by John Tjepkema, professor emeritus in the School of Biology and

Ecology at the University of Maine. Tjepkema's article is titled "It's critical that we reduce our carbon footprints to slow our changing climate."

WABI interviews Jones and Mahon, authors of book telling stories of veterans

19 Apr 2018

[WABI](#) (Channel 5) interviewed Maine Business School professors Nory Jones, professor of management information systems, and John Mahon, professor of management, about their new book on veterans, titled "Knowledge Transfer and Innovation." The co-authors discussed the stories from veterans that informed the book, encompassing leadership, knowledge and skills the veterans learned from combat and later transferred to their civilian lives. The interview also included the perspectives of veterans Joseph Swodoba and Chuck Knowlen, who inspired the book in part. The book is available on Amazon, and part of the royalties will be donated to veteran organizations in Maine, according to the report.

WVII covers '#safetywork' exhibit

19 Apr 2018

[WVII](#) (Channel 7) reported on the "#safetywork" art exhibit that opened with an April 16 reception at the University of Maine's IMRC Center featuring performance and works by local artists. The exhibit is the first to feature work by all female artists, according to WVII. Susan Smith, curator and a UMaine faculty member, told WVII the project began with testimonies of sexual harassment and domestic violence by 100 anonymous women. The quotes were printed on a quilt placed over a bed frame that covers the site where 100 black tulips were planted, representing the testimonies. The tulips and bed frame will be on display through May. UMaine student and artist Eleanor Kipping and assistant adjunct professor and artist Amy Pierce also provided comments for the story.

Researchers cited in Down East article on beech tree effects on environment

19 Apr 2018

In an article on the challenges surrounding Maine's beech tree population, [Down East](#) magazine cited a paper by University of Maine researchers Arun Bose and Aaron Weiskittel, with Purdue University colleague Robert Wagner. The paper, published in The Journal of Applied Ecology, showed a population explosion of beech trees in the state over the past few decades, which has negative ecological implications as beeches crowd out other tree species and, due to a bark disease, are themselves useless for commercial purposes. The research was published last year but did not receive significant media attention until recently, according to the article. Weiskittel said he was concerned coverage overemphasized the influence of climate change. The research showed an association with climate, though the proliferation of beeches is due more to their susceptibility to a bark disease and the tendency of beeches to generate multiple new saplings upon death from the disease, Weiskittel said. He recommended management techniques such as cutting diseased trees in the winter when they cannot regenerate, and explained that climate change will have more of an impact on the phenomenon in the future when it decreases the length of winter and the available window for management.

WABI reports on students' fundraiser for indigenous-led nonprofit

19 Apr 2018

[WABI](#) (Channel 5) reported students in the University of Maine Art Education Community Outreach (UMAECO) program are raising funds to support Gedakina, an indigenous-led nonprofit. The students have designed original imagery and printed it on T-shirts, which will be sold within the local community for \$15 each. Gedakina's mission is to strengthen and revitalize the cultural knowledge and identity of Native American youth, women and families from across New England. The students told WABI they hope their art helps deliver the message. "I think that art is essential to life, and so the more that we can get it into the community, the more we can have people get involved in artistic projects, I think life is better," said student Rochelle Lawrence. Proceeds will support two of the nonprofit's programs

which help teach traditional life-ways and promote indigenous food systems.

WVII covers second annual Nets 4 Pets 4 Vets

19 Apr 2018

[WVII](#) (Channel 7) covered the April 14 basketball fundraiser event “Nets 4 Pets 4 Vets” held in Bangor. Organized by members of the University of Maine Business School’s MBS Corps and ROTC, the event involves a tournament and community dinner designed to raise money to provide service dogs for veterans. The tournament, officiated by the UMaine women’s basketball team, was the second annual event of its kind.

Students discuss experience in Best Buddies program with WABI

19 Apr 2018

[WABI](#) (Channel 5) spoke with students in the University of Maine chapter of Best Buddies, an international nonprofit that aims to create opportunities for one-to-one friendships, integrated employment and leadership development for people with intellectual and developmental disabilities. Adya Plourde, president of the UMaine chapter, said she feels strongly about the program. “The whole aspect is to be a friend, and that’s what I hope we do best,” she said, adding, “It’s the best thing I did in my four years.” Plourde’s buddy, Molly Berry, said she enjoyed being in the program and having the support of a friend. Best Buddies will hold an awareness event on campus at 11 a.m. April 22. The event will include a walk around the mall, food, games, activities and guest speakers, WABI reported.

UMaine among recipients of state agricultural research grants, media report

19 Apr 2018

[Mainebiz](#) reported the Maine Department of Agriculture, Conservation and Forestry recently announced five grants totaling almost \$188,000 that will support projects addressing critical needs in the state’s agriculture industry. The awards were announced during Agriculture Day at the Maine Legislature. The projects particularly target Washington County for development of new markets and processing techniques for wild blueberries and organic poultry processing and also include support for the creation of value-added vegetable products that can be marketed on a global scale, according to the article. The University of Maine was among the recipients. Jennifer Perry, an assistant professor of food microbiology at UMaine, was awarded \$27,735 to support research on how to optimize aqueous washing procedures for wild blueberry growers and processors to ensure improved food safety, the article states. [Fiddlehead Focus](#) also reported on the grants.

Cathcart to receive honorary degree at UMaine’s 216th Commencement

19 Apr 2018

The University of Maine will award an honorary degree to women’s rights advocate and former Maine lawmaker Mary Cathcart of Orono. Cathcart will receive the degree during the morning ceremony of UMaine’s 216th Commencement May 12. “Mary has a legacy of engaged leadership in Maine and beyond,” says UMaine President Susan J. Hunter. “She has served the people of the state on the floors of the Maine House and Senate, and at the University of Maine. Just as important, she has led a program for young women to ignite the same passion in the next generation of leaders.”



[caption id="attachment_60292" align="alignright" width="223"]

Mary

Cathcart[/caption] Cathcart served four terms (1996–2004) as state senator and three terms in the Maine House of Representatives. She was a member of several legislative committees, including Education and Cultural Affairs, Labor, Judiciary, and Appropriations and Financial Affairs, which she chaired in 2003–04. Cathcart also chaired the Joint Select Committee on Research and Development (1997–99). Her leadership and advocacy in this role resulted in the first substantial investment in research and development by the state of Maine with the creation of the Maine Economic Improvement Fund. These programs, and subsequent support for Maine-based R&D initiatives, advanced UMaine as a modern research university. Cathcart chaired the U.S. Commission on Child and Family Welfare (1995–96) and the New England Board of Higher Education (2006–08). In 2004, Cathcart joined UMaine’s Margaret Chase Smith Policy Center and two years later, established the Distinguished Maine Policy Fellows program. Beginning in 2009, she directed Maine NEW (National Education for Women) Leadership, a program that she initiated, which educates, engages, and empowers undergraduate women to take on the mantle of civic and political leadership. Cathcart is retiring from UMaine this month. She currently serves on the advisory council of New Ventures Maine, and on the boards of the Wilson Center and AAUW Maine. She also is active at St. James Episcopal Church in Old Town, Maine. Cathcart is the recipient of a Maryann Hartman Award at the University of Maine (2006) and the Merle Nelson Women Making a Difference Award from the Maine Centers for Women Work and Community (2011). In 2013, Cathcart was inducted into the Maine Women’s Hall of Fame. She holds a bachelor’s degree in English from Rhodes College. Contact: Margaret Nagle, 207.581.3745

UMaine faculty, alumni featured in MDI Historical Society publication

20 Apr 2018

The most recent issue of Chebacco, the annual magazine of the Mount Desert Island Historical Society, features the work of several University of Maine faculty members and alumni. Titled “Beholding the Past,” the issue features the work of Joseph Miller, Ph.D. candidate in Canadian/American history and assistant professor of military science; Rachel Snell, adjunct instructor in history and honors, UMaine alumna and the Curator of Collections at the MDI Historical Society; Lois Berg Stack, professor emerita of sustainable agriculture and former ornamental horticulture specialist in the School of Food and Agriculture; Sean Cox, honors associate and UMaine alumnus; Timothy Garrity, executive director of the MDI Historical Society and a UMaine alumnus; and Catherine Schmitt, communications director of Maine Sea Grant at UMaine. “Beholding the Past” is the 19th issue of the magazine, which was first published in 1998. It includes stories behind artifacts and landscapes from the Mount Desert area, with topics of the stories by UMaine faculty and alumni ranging from the influence of a cookbook compiled by the Mount Desert Chapter of the Order of the Eastern Star, to the historical journey of the dawn redwood. Edited by Snell, Garrity and Erik Reardon, professor of university studies, the magazine also has been expanded from a six-inch-wide volume to a nine-inch-wide version, allowing more space for images that bring the stories to life. The editorial review board for the magazine includes Schmitt; Micah Pawling, assistant professor of history and Native American studies; Jennie Woodard, adjunct instructor in history, honors and women’s, gender, and sexuality studies; David Turpie, who earned

his Ph.D. from UMaine in 2010; and Ph.D. candidates Justus Hillebrand, Elisa Sance and Emma Schroeder. The MDI Historical Society regularly partners with UMaine's Clement and Linda McGillicuddy Humanities Center.

Earth Day Festival features electric vehicles, seed bombs

20 Apr 2018

Want to test-ride an electric vehicle, craft creative seed bombs and sample local treats? Attend the free Earth Day Festival from noon to 2 p.m. April 21, in Bangor's Pickering Square. Fun, educational activities will be offered at the zero-waste event sponsored by the University of Maine Office of Sustainability, University of Maine Augusta-Bangor Office of Student Life, Transportation for All, and the Peace & Justice Center of Eastern Maine. The third annual festival will be accessible via public transportation; bus ticket reimbursements will be available upon request. For more information, contact Alicia Oberholzer, alicia.oberholzer@maine.edu, 312.520.8983.

Register by April 23 for DMC natural science illustration workshop

20 Apr 2018

The University of Maine's Darling Marine Center in Walpole will offer a natural science illustration workshop July 16–



20. [caption id="attachment_60313" align="alignright" width="300"]

David Wheeler[/caption] Participants can develop skills to create scientifically accurate drawings, learn to blend art and science in the classroom, or develop talents to illustrate journals. Prior art training is not required. Instructor David Wheeler has been a teacher and artist for more than 25 years. His exhibited works include life-sized dinosaur reproductions for the American Museum of Natural History in New York City, and the Osaka Museum of Natural History in Japan. Wheeler directs Habitat: Open Ocean, a museum and learning lab in Harpswell, Maine. Cost is \$400; room and board at the DMC are available for an additional fee. Visit the [DMC website](#) for more information and to register online by April 23.

Signs of the Seasons cited in Down East article on Maine loon population

20 Apr 2018

A phenology program offered by the University of Maine Cooperative Extension and Maine Sea Grant was mentioned in a [Down East](#) magazine article on Maine's loon population. Maine Audubon Society's Maine Loon Project engages volunteers in assessing the status and future of the state's loon population in several ways, including summer monitoring of loons through UMaine's Signs of the Seasons phenology program, according to the article. Volunteers record information, such as the timing of migration, mating and the appearance of chicks, through a partnership between Maine Audubon and the program, the article states.

New England oceanographers ask for new research vessel, AP reports

20 Apr 2018

The Associated Press reported oceanographers in New England are asking the National Science Foundation for a new research vessel so they can explore the ocean together. The University of Rhode Island's Graduate School of Oceanography, Woods Hole Oceanographic Institution in Massachusetts and the University of New Hampshire formed the East Coast Oceanographic Consortium to apply for a vessel, according to the AP. Twelve other universities and research institutes are associate consortium members and will collaborate on research and education initiatives. Associate consortium members include the University of Maine and Bigelow Laboratory for Ocean Sciences in East Boothbay, Maine, the AP reported. The [Portland Press Herald](#) carried the AP article.

Mainebiz cites UMaine Extension program in report on Franklin County food insecurity

20 Apr 2018

A program initiated by the University of Maine Cooperative Extension was mentioned in a [Mainebiz](#) article about a Franklin County effort to fight local food insecurity. A lot of the county's effort, from food pantries and the Catholic parishes work, to farm programs, is about connecting people with resources that already exist, according to the article. Programs in place range include senior farm shares and the Plant a Row for the Hungry program initiated in Maine by UMaine Extension, the article states. Mainebiz and [Sun Journal](#) also advanced the Greater Franklin Food Council's Growing Roots Food Summit, a weeklong series of events that explore and celebrate food. The Greater Franklin Food Summit will be held 3:30 to 6 p.m. May 2 and will feature talks by UMaine Extension personnel. David Fuller, an agriculture and non-timber forest products professional, will answer "What is a Food System?" Lynne Holland, community education assistant in Androscoggin and Sagadahoc counties, will present the keynote, "Engaging Our Local Food Producers in the Effort to Combat Local Food Insecurity," Sun Journal reported.

The Day article includes tips from Handley on growing strawberries

20 Apr 2018

[The Day](#) of New London, Connecticut included recommendations from David Handley, a University of Maine Cooperative Extension specialist of vegetables and small fruits, in the article, "Growing strawberries offers a tasty addition to perennial gardens." Strawberries are a versatile crop, allowing them to be easily incorporated into just about any garden, according to the article. For soil, it is best to avoid areas that get too soggy during the spring. According to Handley, who wrote a UMaine Extension [bulletin](#) on growing strawberries, a deep sandy loam is ideal. Handley also recommends gardeners avoid planting strawberries in plots that recently grew potatoes, peppers, tomatoes or eggplant. Handley said these plants can transfer the fungal disease Verticillium wilt to the soil, where it will rot strawberry roots.

New England premiere highlights annual Combined Band Concert

23 Apr 2018

The New England premiere of John Mackey's "Antique Violences" will highlight the annual Combined Band Concert of the University of Maine Symphonic Band and UMaine Concert Band at 7:30 p.m. April 26 at the Collins Center for the Arts. The premiere will feature alto saxophonist Nathan Sprangers, a music education major from East Machias, Maine who is the 2018 soloist competition winner, and professor Jack Burt performing on multiple trumpets, all provided for the concert by Schagerl Meisterinstrumente. The University of Maine Symphonic Band, directed by Christopher White, is the third group to perform "Antique Violences," following the Michigan State University Wind Ensemble and Dallas Winds. Sprangers is the fourth instrumentalist to publicly perform the concerto, following former Canadian Brass trumpeters Justin Emerich and Jens Lindemann. New York Philharmonic principal trumpeter Chris Martin premiered the concerto in 2017. Graduate student Erik Paulsen will be an associate conductor of the Symphonic Band for the concert. The UMaine Concert Band is directed by Philip Edelman. Tickets for the Combined Band Concert are \$12, free with a student MaineCard. Call 581.1755 for tickets or disability accommodations. Tickets also are available [online](#).

Inaugural Diversity Summit slated April 26–27

23 Apr 2018

The University of Maine Department of Psychology, with support from the Alton '38 and Adelaide Hamm Campus Activity Fund and Graduate School Government, will host the inaugural Diversity Summit April 26–27. The summit will feature three on-campus events open to students, faculty, staff, and members of the community. “Perspectives on Diversifying Higher Education: A Roundtable Discussion,” will be held 9–10:30 a.m. April 26 in Norman Smith Hall, Room 107. Guests are invited to join a conversation with campus partners about increasing diversity in curriculum, students, faculty and policy. Also on April 26, David Shen-Miller will deliver the 2018 Stanley Sue Distinguished Diversity Lecture. Shen-Miller will discuss “Possible Masculinities: Enhancing Men’s Health Through Intersections of Identity and Community” 3–4 p.m. in Barrows Hall, Hill Auditorium. The event is free and open to the public. In addition, Shen-Miller will host a continuing education ethics workshop for mental health clinicians 9 a.m.–noon April 27 in the Family Lounge of Alford Arena. The title of the workshop is “No Colleague Left Behind: Ethical and Cultural Arguments for Self-Care and Colleague Care.” [Registration](#) is \$10 in advance, \$15 the day of the event. Shen-Miller received his Ph.D. in counseling psychology from the University of Oregon and is an associate professor and chair of counseling and health psychology at Bastyr University in Washington. For more information about the Diversity Summit or to request a disability accommodation, email Laura Andrews at laura.andrews@maine.edu.

WABI reports on Bangor Flower and Garden Show at UMaine

23 Apr 2018

[WABI](#) (Channel 5) covered the Bangor Flower and Garden Show at the University of Maine’s Harold Alford Sports Arena. Although the show has been held for more than 15 years, this was the first time the event was at UMaine, WABI reported. Members of the University of Maine Cooperative Extension in Penobscot County and UMaine Horticulture Club, as well as other UMaine environmental horticulture students, were expected to participate in the event.

Townsend, Thomas quoted in Press Herald article on Gulf of Maine water temperatures

23 Apr 2018

University of Maine oceanography professors David Townsend and Andrew Thomas were quoted in a [Portland Press Herald](#) article titled, “Deep current of record-breaking warm water causes concerns for the Gulf of Maine.” Canadian scientists have measured record-breaking temperatures in the deep water flowing into the Gulf of Maine, prompting concerns about effects on marine life, according to the article. Maine-based researchers said they also have been seeing indications the Gulf has been filling with unusually warm water in recent months, though it remains unclear exactly when the influx began and what the effects will be, the article states. Townsend said the likely culprit is “reduced intensity of the Gulf Stream, increased frequency of warm core rings off New England and Nova Scotia, and Arctic melt water flows from the north.” Since the event doesn’t involve surface waters, it isn’t connected to local air temperatures, he said, but rather to global warming-driven changes to ocean currents. Thomas said the Gulf Stream appeared to be farther north than usual. “What water is sitting right off the entrance of the Gulf of Maine at a given time is really decided by a battle between warm slope water coming from farther south and cold slope water coming down the Scotian Shelf, and whoever wins that battle is going to get into the Northeast Channel and the Gulf,” he said. The [Sun Journal](#) also published the article.

WABI covers Healthy High, sexual assault awareness walk

23 Apr 2018

[WABI](#) (Channel 5) reported on the 11th annual Healthy High 5k/10k and 1-mile run/walk at the University of Maine. Several participants in the 1-mile run/walk wore red high heels, as part of the international “Walk a Mile in Her Shoes” campaign. At UMaine, the walk is spearheaded by the student group Male Athletes Against Violence (MAAV) to symbolize challenges of being a woman in society and to raise awareness about sexual and other violence against women. “This is a big issue in our society nowadays and to be able to have people supporting it, it’s a really satisfying feeling,” said UMaine student Justin Hafner. “We aren’t doing this for ourselves,” added UMaine student-athlete Jean

Point Du Jour. “We are doing it for our future daughters, our moms, just women in general. It feels good just to stand for something more than ourselves.”

Dill speaks with Press Herald about keeping mice out of greenhouses

23 Apr 2018

Griffin Dill, an integrated pest management specialist with the University of Maine Cooperative Extension, spoke with the [Portland Press Herald](#) about ways to keep mice out of greenhouses and from damaging crops. Deer mice, meadow voles, white-footed mouse and an occasional chipmunk are common pests in Maine greenhouses, according to Dill. He suggests keeping grass around greenhouses mowed to cut down on rodent populations. When setting traps, Dill said peanut butter is generally a safe bet and recommends attaching a piece of string to the mousetrap-baiting mechanism, and putting peanut butter on that. “Because mice are surprisingly good at removing bait without setting it off,” Dill said. “This way they will work on the bait, start to chew on the string, and that will set it off.” In addition to peanut butter, he suggests bait of apples for voles and oats and seed for mice. [Sun Journal](#) also published the article.

UMaine well-represented at annual Society for American Archaeology meeting

24 Apr 2018

The University of Maine was again well-represented at the annual meeting of the Society for American Archaeology (SAA), held in Washington, D.C. from April 11–15. Alice Kelley, a geoarchaeologist and instructor in the School of Earth and Climate Sciences, Climate Change Institute (CCI), and Anthropology Department, co-organized the session, “Shell Middens: Formation, Function, Survey and Endangered Cultural/Paleoenvironmental Heritage” with one of her graduate students. The symposium was sponsored by the SAA’s Geoarchaeology Interest Group. UMaine presenters in the symposium included Paul “Jim” Roscoe, a professor in the Anthropology Department and CCI, who presented a paper with Kelley on “Middens or Monuments? The Shell Middens of Maine and the Construction of Peace”; CCI graduate students Emily Blackwood and Kate Pontbriand who spoke on “Seasonal Analysis of Four Coastal Archaeological Sites in Eastern Maine Using Mollusks”; Earth and climate sciences graduate student Jacquelynn Miller (the co-organizer of the symposium) who presented a paper co-written with Alice Kelley, Joseph Kelley, Daniel Belknap and Arthur Spiess on “Ground-Penetrating Radar as a Rapid Cultural Resource Management Technique for Shell Midden Delineation”; and Alice Kelley and Dan Sandweiss, a professor in the Anthropology Department and CCI, who were the session discussants. Sandweiss also was the discussant for a symposium about “The Legacies of Archaeologists in the Andes.” Bonnie Newsom, an assistant professor of anthropology, gave a paper with Julie Woods on “Motivations of Indigenous New England Potters and Researchers: Technical Choice, Social Context, and Identity Construction” in a symposium titled, “Breaking Down Material Assumptions of Identity.” Ph.D. student Ani St. Amand gave a paper co-written with Alice Kelley and Sandweiss about “Assessing Destruction Risk of Cultural Resources: Primary and Secondary Impacts of Climate Change on the Archaeological Record” in the symposium, “Burning Libraries: Environmental Threats to Heritage and Science” at which Alice Kelley also presented a paper with Miller, Joseph Kelley, Spiess and Belknap on “Burning Libraries and Drowning Archives: Shell Middens on the Maine Coast.” Sandweiss chaired the meeting of the Committee on the Americas, charged with enhancing interaction between Latin American and North American archaeologists. UMaine alumni who presented at the SAA meeting included Kurt Rademaker who wrote/co-wrote five papers and co-organized a symposium; Cecilia Mauricio, who organized a symposium and gave a paper; David Reid, who presented a poster; and Gabriel Hrynick and Trevor Lamb, who both presented a paper.

From ticks to toxins, symposium explores climate change ramifications

24 Apr 2018

University of Maine faculty and graduate students will present wide-ranging research at the 26th annual Harold W. Borns Jr. Symposium that sheds light on how climate change affects the state and its residents. Topics of the emerging climate change studies include whether a temperature-related increase in toxic algal blooms could increase the prevalence of a neurodegenerative disease, and how erosion and rising seas are threatening valuable coastal

archaeological sites. Findings also will be shared on whether deer tick range expansion is associated with milder winters and how climate-driven changes in habitat suitability in the Gulf of Maine contributed to increased lobster landings in the early 2010s. The free, public symposium will be held from noon to 7 p.m. May 1 and from 8 a.m. to 3 p.m. May 2, at Wells Conference Center on the Orono campus. The symposium's namesake, Professor Emeritus Harold "Hal" Borns, founded the Climate Change Institute (CCI) — then called the Institute for Quaternary Studies — in 1973 at UMaine. The CCI is one of the nation's leading centers for exploration and research about the climate of the past, present and future. "The Borns Symposium once again highlights the findings of UMaine scholars and students working at the cutting edge of climate and society," says symposium organizer Dan Sandweiss, an archaeologist in the Climate Change Institute and Anthropology Department. "CCI members create new knowledge that is critical to meeting the challenges of climate change now and into the future." The symposium also will feature three lectures. Rolfe Mandel will present the Invited Lecture titled "Landscape Response to Bioclimatic Changes Over the Past 13,000 Years in the Central Great Plains of North America" at 3:45 p.m. May 1. Mandel is the University Distinguished Professor in Anthropology and senior scientist and executive director of the Odyssey Research Program at the Kansas Geological Survey at the University of Kansas. Andrew Cohen will present the David Clayton Smith Lecture at 6 p.m. May 1. Cohen is the Distinguished Professor of Geosciences and joint professor of ecology and evolutionary biology at the University of Arizona. His lecture is titled "Scientific Drilling in the Ancient Lake Deposits of the African Rift Valley: A 3.5 Million Year Archive of Tropical Ecosystem History." Smith, who died in 2009 at age 80, was a UMaine professor of history and an expert in climate history, as well as Maine and New England history, and American agricultural and forest history. Bess Koffman, who earned a Ph.D. in Earth and climate sciences in 2013 at UMaine, will deliver the Invited University of Maine Alumna Lecture at 11:30 a.m. May 2. The Colby College assistant professor of geology will discuss "Dust, Ash and Climate: Tracing Sources and Impacts in the Subarctic Pacific Ocean." Four awards will be presented at the event: the Churchill Award for Outstanding Exploration, Harold W. Borns Symposium Best Presentation Award, Harold W. Borns Symposium Best Poster Award, and Student Outstanding Service Award. To request an accommodation, contact 581.3406, bliqcs@maine.edu. More information is on the CCI website.

Undergraduate, graduate students receive awards at 2018 Student Symposium

24 Apr 2018

More than 1,300 undergraduate and graduate students presented their work during the third annual University of Maine Student Symposium held at the Cross Insurance Center in Bangor on April 17. The free public event, which was organized by UMaine Graduate Student Government and the Center for Undergraduate Research (CUGR) as part of Maine Impact Week, provided an opportunity for community members to meet student researchers and scholars, see their posters and exhibits, hear their presentations, and view short performances and art. The 2018 UMaine Student Symposium was made possible by 37 members of the organizing committee, 64 volunteers and 164 judges. A list of all volunteers, judges and committee members is [online](#). The event also was supported by several sponsors. Awards and cash prizes were given to the symposium's top scholars and presentations in several categories: **Special awards**

- **Dr. Susan J. Hunter Presidential Research Impact Award:** Ana Eliza Souza Cunha and Berkay Payal (undergraduate), "Evaluating a Doppler Radar Monitor for Assessing Bee Colony Health," advised by Francis Drummond and Nuri Emanetoglu; Susan Elias (graduate), "Deer Tick Phenology and Warming Climate in Maine, USA," advised by Kirk Maasch
- **Provost Innovative and Creative Teaching Award:** Bryan Picciotto, "Documenting Hiking at Borestone Mountain," advised by Nathan Stormer
- **Dean of Graduate School Undergraduate Mentor Award:**
 - First place: Juyoung Shim, "Molecular Mechanisms of Inhibitor Action of Triclosan on Mast Cell Signal Transduction," advised by Julie Gosse
 - Second place: Stephanie Shea, "Patterns of Infection and Disease Transmission of an Oncogenic Virus in Maine's Wild Turkey Population," advised by Pauline Kamath
 - Third place: William Kochtitzky, "What Causes Glaciers to Destabilize?" advised by Karl Kreutz
- **UMaine Alumni Association Award:** Emily Blackwood, "Virtual Simulation of the Damariscotta Shell Middens," advised by Alice Kelley and Richard Corey

Graduate winners

- **Allied health:** Silas Walsh and Melody Joliat, “Fostering a Better Understanding of Chronic Pain Treatment Needs Through Community Engaged Research,” advised by David Wihry
- **Arts:** Rachel Church, “Fall Semester 2017, First Year of Graduate School,” advised by Susan Smith
- **Biomedical Sciences:** Michael Wilczek, “Human JC Polyomavirus Infection of Primary Astrocytes: A Model for a Deadly Disease,” advised by Melissa Maginnis
- **Education and Human Development:** John Caleb Speirs, “Investigating Student Reasoning Patterns via Dual-Process Theory,” advised by MacKenzie Stetzer
- **Engineering and Information Sciences:** Hannah Allen, “Testing and Validation of Emerging Hull Technologies for Floating Offshore Wind Turbines,” advised by Andrew Goupee
- **Interdisciplinary Collaboratives:** Emma S. Toth, “Investigating the Instructional Transition of STEM Students from High School to First-Year College Courses,” advised by Michelle Smith
- **Natural Sciences:** Tyler Van Kirk, “Abundance of Spiny-Headed Worms in Green Crabs,” advised by Ian Bricknell; and Dhirgam Humaidy, “Synthesis and Reactivity of Gold (I) Tetrathiomolybdate Complexes,” advised by Alice Bruce
- **Physical Sciences:** Sabrina Sultana, “Robust Magnetic Photocatalyst for Removal of Organic Pollutants from Drinking Water,” advised by Carl Tripp
- **Social Sciences:** Kate Pontbriand and Emily Blackwood, “Seasonal Analysis of Four Coastal Archaeological Sites in Eastern Maine Using Mollusks,” advised by Daniel Sandweiss

Undergraduate winners

- **Allied Health:** Marisa Jolicoeur, Nyia Chituck, Darcey Fraser, Lindsay Nutter and Rebecca Dalrymple, “Assessing Diet and Exercise in Pre-diabetics,” advised by Patricia Poirier
- **Arts:** Cara Doiron, “Constructing Identity Through the Lens of Fashion,” advised by Samantha Jones
- **Biomedical Sciences:** Sarai Smith, “Understanding the Role of Prophage in Mycobacterial Host Fitness and Gene Expression,” advised by Sally Molloy; and Ashley Soucy and Jeanne K. Dushane, “IP3R-Mediated ER Ca²⁺ Release Drives JCPyV Infection,” advised by Melissa Maginnis
- **Business:** Alexis Lindsay, “Maternity Leave in the U.S.,” advised by Stefano Tijerina
- **Education and Human Development:** Jordan Houdeshell, “Differences in Language Through the Comparison of Mathematical Word Choice in Chile and Maine,” advised by Julie DellaMattera
- **Engineering and Information Sciences:** Gabriela Constantin, “Selective Ring-Opening Reactions on Thermal Deoxygenation Oils,” advised by Scott Eaton; Nicholas Aiken, “VHF Near Field Antenna Design for Wireless Sensing Applications,” advised by Mauricio da Cunha; and Abigail Weigang, “Selective Surface Modification of Paper Substrates for Controlled-Adhesion Diagnostic Devices,” advised by Caitlin Howell
- **Interdisciplinary Collaboratives:** Gabriela Adamus, Sarah Basquez, Hannah Connors, Morgan Jacobs and Genaya Loftis, “A Collaborative Approach in Treatment of Selective Mutism in School Age Children,” advised by Nancy Hall
- **Natural Sciences:** Taylor Lanhan, Alicia Girardin, Jenny Woodbury, Erica Ogden, Jo-Ellen and Loring Jamieson, “Sensory Integration Therapy in Individuals with Autism and the Incorporation of Speech-Language Pathology,” advised by Nancy Hall; and Faythe Goins, “Environmental Impacts on Loggerhead Sea Turtle Nesting on Edisto Island, SC,” advised by Kristina Cammen
- **Physical Sciences:** Andrew Nolan, “Discovery of Five Instabilities of Turner Glacier, St. Elias Mountains, Alaska, from 1984 to 2017,” advised by Karl Kreutz; and Tessali Morrison, “Synthesis of Hydrogels Containing Quaternary Amine Polymers,” advised by William Gramlich
- **Social Sciences:** Brawley Benson, “How Discourse Shapes Dam Decision Making: News Stories as Sites of Meaning,” advised by Bridie McGreavy and Tyler Quiring; and Jessica Champagne, “Maine Understanding Sensory Integration and Cognition (MUSIC) Project: Can Music Learning Improve Cognition in Older Adults?” advised by Rebecca MacAulay

Also announced at the symposium were the winners of the [2018 CUGR Summer Fellowship](#) and the following 2018–2019 Graduate School fellowships. **Maine Space Grant Consortium (MSGC) Graduate Fellowship**

- Erin McConnell, quaternary and climate studies, advised by Karl Kreutz
- Mason A. Crocker, microbiology, advised by Melissa Maginnis

- Cody Samuel Emerson, biology, advised by Justin Dimmel
- Kayla Marquis, biomedical engineering, advised by Caitlin Howell

Chase Distinguished Research Assistantship

- Meaghan Conway, ecology and environmental sciences
- Allison Brehm, wildlife ecology, advised by Alessio Mortelliti
- Susan Elias, Earth and climate sciences, advised by Kirk Maasch
- David Kerschner, higher education, advised by Elizabeth Allan
- Sara Lowden, anthropology and environmental policy, advised by Lisa Neuman and Darren Ranco
- Mackenzie Mazur, marine biology, advised by Yong Chen and Teresa Johnson

Janet Waldron Doctoral Research Fellowship

- Linda Archambault, biochemistry and molecular biology, advised by Robert Wheeler
- Weili Jiang, mechanical engineering, advised by Xudong Zheng
- Jack McLachlan, ecology and environmental sciences, advised by Hamish Greig

Susan J. Hunter Teaching Fellowship

- Carrie Gray, ecology and environmental sciences
- Victoria Quinones, psychology, advised by Emily Haigh
- Seyed Ehsan Tabatabaie, mechanical engineering, Mohsen Shahinpoor

More about the Graduate School fellowships is [online](#).

WVII covers Best Buddies Friendship Walk

24 Apr 2018

[WVII](#) (Channel 7) reported on a Friendship Walk hosted by the University of Maine chapter of Best Buddies, an international nonprofit that aims to create opportunities for one-to-one friendships, integrated employment and leadership development for people with intellectual and developmental disabilities. The event raised money to send the executive board to a national leadership conference. It also was held in memory of a program participant who recently passed away, WVII reported.

Sorg talks about Maine's opioid epidemic on WERU's 'Wabanaki Windows'

24 Apr 2018

The opioid epidemic in Maine and Native American communities was the focus of the April 17 "Wabanaki Windows" program on [WERU](#), hosted by Donna Loring. The show featured guests Marcella Sorg, an anthropologist and research professor with the Margaret Chase Smith Policy Center at the University of Maine, and a consultant to the Office of the Chief Medical Examiner in Augusta; and Penobscot Nation police chief Robert Bryant. They discussed the drugs and their effects on families and communities, and issues related to recovery and incarceration.

MET students' capstone project helps local church, WABI reports

24 Apr 2018

[WABI](#) (Channel 5) reported on a senior capstone project being completed by a group of mechanical engineering technology students at the University of Maine. The students are repairing the Unitarian Universalist Society of Bangor's tubular-pneumatic pipe organ that was built in the early 1900s. Informed by professional organ repair companies that the organ should be replaced instead of repaired, the church asked the MET program if they could fix the organ. They were helped by four seniors who like to figure out how things work, WABI reported. "We hope that we'll

have a playable organ by the end of it and that they'll be able to use it in services," said MET student Justin Willis. "It is quite an interesting piece of history. There aren't very many of these around anymore. And having one that's been restored with, for the most part, historically accurate materials, it adds a little bit more to the historical value." The students told WABI the project has been a challenge, but they have enjoyed learning about the organ and helping their community.

Park Street entrance will be closed May 13–Aug. 30

24 Apr 2018

A section of Rangeley Road will be closed May 13 through Aug. 30 during the installation of a roundabout at the intersection of Rangeley and Park streets by the Maine Department of Transportation. During this time, campus can be accessed by the College Avenue entrances located along Long, Munson and Sebec roads. Access to the UMaine Police Department and Facilities Management will be from campus via Belgrade Road. A map highlighting the best campus access routes this summer is [online](#).

Meet UMaine's 2018 Outstanding Graduating Students

25 Apr 2018

Ten undergraduates have been named 2018 Outstanding Graduating Students at the University of Maine. Among them is [Brianna DeGone](#), the Outstanding Graduating Student in the College of Engineering, and the [2018 salutatorian](#). The Outstanding Graduating Students will receive their degrees at UMaine's 216th Commencement in Harold Alfond Sports



Arena May 12. The other Outstanding Graduating Students are: **Yousuf Ali**, of Dubai, United Arab Emirates, has been named the Outstanding Graduating International Student in the College of Engineering. Ali majored in chemical engineering, with a minor in mathematics. His honors include a scholarship from Abu Dhabi National Oil Company. At UMaine, he participated in CultureFest, and enjoyed skiing, hiking and soccer. Ali plans to pursue a master's degree in chemical/processing engineering. A full Q&A with Ali is [online](#).



Austin Blake, of Westbrook, Maine, has been named the Outstanding Graduating Student in the Maine Business School. Blake, who majored in accounting, was the highest achieving junior in the Maine Business School in 2016–17, and was inducted into Beta Gamma Sigma and Phi Kappa Phi honor societies. In the spring 2018 semester, Blake interned with BerryDunn in Bangor, Maine, and last summer with Macpage LLC in South Portland, Maine. Since 2011, he also has worked as a tax preparer for Blake Hurley McCallum & Conley LLC in his hometown. On campus, Blake has served in leadership roles for the UMaine chapter of the Institute of Management Accountants, most recently as president. He has been an accounting tutor and a resident assistant, and has participated in intramural soccer, including the team that won a fall 2016 league championship. In the coming year, Blake will complete an MBA and plans to pursue a career in public accounting in southern Maine. A full Q&A with Blake is [online](#).



Marie-France Georges, of Port-au-Prince, Haiti, has been named the Outstanding Graduating International Student in the Maine Business School. Georges majored in finance with a concentration in international business, and additional major in marketing, with a minor in Spanish. Her awards include UMaine scholarships. Her honors thesis was “The Impact of Financial Services Expansion on Economic Growth: Zoom on Haiti.” In her sophomore year, Georges worked as a student financial assistant in the Maine EPSCoR office. She was a founding member of UMaine’s Caribbean Club and a Maine Business School student ambassador, and was active in Black Bear Catholic events. Georges also worked closely with the Office of International Programs, where she was involved in student recruitment events, CultureFest and the International Dance Festival. She plans to pursue an MBA at UMaine. A full Q&A with Georges is [online](#).



Callie Greco of Greene, Maine, has been named the Outstanding Graduating Student in the College of Natural Sciences, Forestry, and Agriculture. Greco majored in biology and completed her degree requirements in December 2017. Her many honors included School of Biology and Ecology Academic Awards for the highest GPA, and Presidential Scholar Awards. From 2015–17, Greco was a manager in Kristy Townsend's Neurobiology and Energy Balance Research Laboratory. Her honors thesis, "Tanycyte Plasticity in the Hypothalamus and the Regulation of Energy Balance," stemmed from her research in the lab. Last summer, Greco held a Maine IDeA Network of Biomedical Research Excellence (INBRE) Fellowship. In summer 2016, she interned with the Maine Medical Outreach Team. She also was a Chemistry Department teaching assistant and a School of Biology and Ecology student ambassador. Greco volunteered with the Maine Chapter of the Alzheimer's Association, participated in physician shadowing and completed nursing assistant certification. This fall, she will start medical school at Quinnipiac University. A full Q&A with Greco is [online](#).



Tina Hedrick, of Delta, Pennsylvania, has been named the Outstanding Graduating Student in the Division of Lifelong Learning. Hedrick majored in university studies with a focus on economics and finance. Her honors include a transfer scholarship and an Outstanding Academic Achievement Award. Hedrick is the mother of four school-age children and a member of the local volunteer fire department. She plans to complete a master's degree in accounting to be a certified public accountant. A full Q&A with Hedrick is [online](#).



Katelyn Manzo, of Etna, Maine, has been named the Outstanding Graduating Student in the College of Liberal Arts and Sciences. Manzo, who majored in computer science, is a Margaret Chase Smith Public Affairs Scholar and a UMaine Presidential Scholar. Since 2016, Manzo has been a Maine Learning Assistant with the Maine Center for Research in STEM Education. Last summer, she was a software development intern with Tyler Technologies in Falmouth, Maine. On campus, Manzo has been a computer learning assistant, president of the UMaine chapter of the Association of Computing Machinery — Women in Computing, and a member of the School of Computing and Information Science Advisory Board. In her junior year, Manzo collaborated with Silvia Nittel to develop an introductory computer science course for nonmajors. Following graduation, she will be a technology analyst with Accenture in Boston, Massachusetts. A full Q&A with Manzo is [online](#).



Duc Ngoc Hong Nguyen, of Ho Chi Minh City, Vietnam, has been named the Outstanding Graduating International Student in the College of Natural Sciences, Forestry, and Agriculture. Nguyen majored in biochemistry, microbiology, and molecular and cellular biology. Her multiple honors include the Professor Frederick H. Radke Award. Her research experience focused on toxicology, plant pathology and immunology in four faculty laboratories in the college. Beginning in 2016, Nguyen was a tutor for Student Support Services. Outside of the lab and classroom, she was involved in the International Student Association, the Maine Society for Microbiology and Biomedical Sciences, Health Professions Club, and the UMaine chapter of the Association of Computing Machinery — Women in Computing. She plans to pursue graduate research in cancer biology at the University of New Hampshire. A full Q&A with Nguyen is [online](#).



Rachel Sirois, of Winslow, Maine, has been named the Outstanding Graduating Student in the College of Education and Human Development. Sirois, a student in the Honors College, majored in child development and family relations, with a concentration in early childhood education. She earned highest honors for her thesis, “Are Schools Educating About Poverty? University Students’ Perceptions of K–12 Poverty Education.” Sirois’ numerous honors include the 2017 Servant Heart Scholarship. In her junior year, Sirois participated in the Community Literacy Partnership, a collaboration between UMaine, Penobscot County Jail, Orono Adult Education and Literacy Volunteers of Bangor to provide educational programming for women. She did her field experience at Old Town and Winslow elementary schools, and Wassookeag Learning Community in Orono, and has been a student teacher at Brewer Community School and Downeast School in Bangor. On campus, Sirois was a Black Bear tutor and president of Black Bear Catholic. Last summer, she was a camp counselor with the L.L.Bean Outdoor Discovery Schools. She will return to the discovery schools this summer and will pursue a career as an early elementary teacher. A full Q&A with Sirois is [online](#).



Aliya Uteuova, of Astana, Kazakhstan, has been named the Outstanding Graduating International Student in the College of Liberal Arts and Sciences. Uteuova majored in political science and journalism. Her numerous honors include the 2018 Dorothy Clarke Wilson Peace Writing Prize and the Servant Heart Scholarship for community service. Her honors thesis is on declining journalistic freedom. Since fall 2015, Uteuova was a resident assistant and a member of “The Maine Campus” newspaper, most recently as arts and culture editor. Her other writing experience included science communication for Maine Sea Grant and the Darling Marine Center. Uteuova has interned in the Office of the Maine Attorney General and the Senate Democratic Minority Office of the Maine State Legislature. She participated in Maine NEW (National Education for Women) Leadership, served as president of the International Student Association and was a delegate at the Student Conference on U.S. Affairs at West Point Military Academy. She

plans to continue reporting and pursue law school in New England. A full Q&A with Uteuova is [online](#). Contact: Margaret Nagle, 207.581.3745

Aliya Uteuova: Outstanding Graduating International Student

25 Apr 2018

What difference has UMaine made in your life and in helping you reach your goals? Being able to peacefully study what I'm passionate about. I am very thankful for this incredible opportunity. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** There are so many experiences that shaped my worldview, from doing homework at Fogler Library where we students are surrounded by knowledge, to being on air at WMEB 91.9 and sharing music of the world with Mainers. Recently, working with Catherine Schmitt of Maine Sea Grant and writing about marine science in Maine sparked my interest in science writing. **Why UMaine?** It's a beautiful university that allowed me to pursue education without the harsh financial burden. UMaine was recommended to me by a fellow Kazakh, Aukun Tungatarova, who graduated from the Political Science Department in 2012. **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 Honors College has definitely pushed me to work harder. I presented my work in honors conferences in Chicago and Seattle. Melissa Ladenheim was my first preceptor and since then I looked forward to every preceptorial and weekly lecture at Neville 100. Everyone at the Office of International Programs has been there for me when I needed help or a motivational boost, they're like family to me. **Have you worked closely with a professor or mentor who made your UMaine experience better?** Every professor on my thesis committee has steered me to the right direction with my research. I've taken three American government classes with Solomon Goldman and all of them tremendously contributed to my understanding of numerous Supreme Court cases. Mary Cathcart, senior policy associate at the Margaret Chase Smith Policy Center, has been a mentor to me since my completion of the Maine NEW (National Education for Women) Leadership program in summer 2016. **What advice do you have for incoming students to help them get off to the best start academically?** Getting involved and being busy will pay off, but so will taking time for yourself. Enjoy the changing seasons, go on walks, read by the Stillwater River, and put your well-being first.

Austin Blake: Outstanding Graduating Student

25 Apr 2018

What difference has UMaine made in your life and in helping you reach your goals? UMaine has given me the resources and help to achieve everything I've wanted to while I've been here. Without everyone that has helped me along the way, I wouldn't have the experiences I've had or the opportunities I have going forward. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** Being a resident assistant changed the way I see the world because it forced me to interact with a variety of people coming from different walks of life on an individual level. **Why UMaine?** UMaine felt like the perfect size with the perfect atmosphere to me. It was big enough to explore something new every day, but not so big that I felt overwhelmed or lost in the shuffle. The atmosphere is a familial one where people almost always hold the door for you and say thank you when you do it for them. I don't think every university has this feel to it, and I'm lucky to have attended one that does. **How would you define the opportunities for student success at UMaine?** Between the people and resources that UMaine has to offer, there are ample opportunities for success at UMaine. The set of resources that helped me succeed the most were students ahead of me that had already gone through what I was about to go through. They were able to offer me advice on how to set up my course schedule so I could get the most out of the classes that mattered the most to me. **Have you worked closely with a professor or mentor who made your UMaine experience better?** A mentor who has helped me a lot would be Darren Brown, a 2016 UMaine accounting graduate. Darren had already gone through accounting classes I was about to go through, so he was able to advise me on how to best set up my schedule for success. A professor who helped me a lot would be Wendy Coons, a lecturer in accounting. Wendy shared my enthusiasm in growing the size and impact that the UMaine Institute of Management Accountants (IMA) group can have, and I believe together we set the group up for continued success going forward. **What advice do you have for incoming students to help them get off to the best start academically?** My advice would be to find out what study habits help you do your best and build on those going forward. Having the peace of mind in knowing how you do your best and how you're

going to prepare for every exam and project is huge once you have it nailed down.

Callie Greco: Outstanding Graduating Student

25 Apr 2018

What difference has UMaine made in your life and in helping you reach your goals? The most valuable aspect of my education at UMaine was the tremendous personal growth and maturity. UMaine encourages students to be themselves and the campus has a very welcoming and comfortable atmosphere. This platform has pushed me to step out of my comfort zone, build confidence, and establish networks with other students and faculty. UMaine not only teaches you to succeed as a student, but also provides you the freedom to define your own path. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** I really appreciate the diversity of the UMaine campus. Each day is an opportunity to meet someone or try something new. There truly is something for everyone. I enjoyed attending events at the Collins Center for the Arts, taking courses in music, and visiting the on-campus art gallery. The entire UMaine experience — from start to finish — is what broadened my view of the world. **Why UMaine?** I remember very clearly my first visit to UMaine. It was mid-summer when I came with family members, some who were previous UMaine graduates. I remember feeling very relaxed and comfortable walking around campus; something I had not experienced with any other school. It was a deep, inner sense that UMaine was where I belonged. Besides the campus setting, I was also seeking a school that would challenge me academically and have plenty of opportunity for its students. All together, UMaine was the perfect option. I could not be more proud to be a Black Bear. **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?** UMaine has plenty of opportunities for students, both academic and extracurricular. I credit a great deal of my success to the dedicated faculty and administration in the School of Biology and Ecology (SBE). They treat each student with sincere respect. In my first year, I was interested in becoming involved in research related to my major. The staff in the SBE office took the time to identify the research topics I had an interest in and forward my resume to laboratories on campus with similar disciplines. I have never felt like a number. It was not long before I was on a first-name basis with members in the SBE office. Behind each student, there is a very committed team of staff and faculty, who make success as a student possible. **Have you worked closely with a professor or mentor who made your UMaine experience better?** My greatest and most influential mentor at UMaine was Kristy Townsend. She welcomed me into her laboratory as a very inexperienced first-year student and over time, entrusted me with many responsibilities. Townsend was constantly encouraging me to think like a scientist. I not only learned essential bench skills, but also gained confidence in my abilities as a student and scientist. Thanks to the efforts made by Townsend, as well as the other graduate students in the Townsend Lab, I feel well prepared to enter the professional realm of health care and science. **What advice do you have for incoming students to help them get off to the best start academically?** Seek opportunities in your field or get involved in extracurricular activities as soon as you feel comfortable. When I started working in my department, it became very easy to connect with professors and peers who shared similar interests. Having a relationship between the people and places on campus is what makes UMaine feel like home.

Duc Ngoc Hong Nguyen: Outstanding Graduating International Student

25 Apr 2018

What difference has UMaine made in your life and in helping you reach your goals? The scholarship that I received from UMaine has certainly allowed me to get a quality education, and I am very grateful for that. Besides that, many classes here have well prepared me academically to enter my graduate studies. I also made a lot of friends. I really enjoy many of the activities and events the Office of International Programs organized, since they showcase the international student community and promote diversity. They are also very helpful, friendly and supportive. **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 Career Center is very helpful if you intend to apply to medical or graduate schools. They are very friendly and welcoming, as well. They organize many information sessions and they list many opportunities for work/internship on their CareerLink website. **Have you worked closely with a professor or mentor who made your UMaine experience better?** I really enjoyed the time I spent in (applied plant pathology professor) Jianjun Hao's lab. Also, my adviser, Melissa Maginnis, is a lovely person. She's very encouraging and understanding

and gives me advice when I need it. **What advice do you have for incoming students to help them get off to the best start academically?** Be proactive in your studies and work. Also, don't give up. At the end of the day, what matters most is that you tried your best.

Katelyn Manzo: Outstanding Graduating Student

25 Apr 2018

What difference has UMaine made in your life and in helping you reach your goals? The support and opportunities I received at UMaine — especially in my department — provided essential experience and guidance which led to an internship (as a software development intern with Tyler Technologies in Falmouth, Maine) and job offers. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** My experiences at UMaine have helped me see that I am capable of doing what I set out to do and that the issues I face I'm never alone in. Because of this, I have set out to help others so they do not have to overcome the same hurdles as me and to help them see that there is always support available. **Why UMaine?** UMaine was closer to home and offered me a great scholarship. **How would you define the opportunities for student success at UMaine? What set of resources helped you succeed?** I have always had amazing support from my department, peers and especially my adviser Silvia Nittel. My junior year, Stacy Doore founded ACM-W on campus (the UMaine chapter of the Association of Computing Machinery — Women in Computing) which enabled me to learn more about various opportunities for women in computing as well as gain more support. This led me to be able to attend the Grace Hopper Celebration of Women in Computing Conference, through sponsorship from my department, and I received numerous job offers because of the experience. The Maine Learning Assistant program through the RiSE Center (Maine Center for Research in STEM Education) has been immensely helpful. I was able to get extra help in classes because of the MLAs' help, and I was able to get funding through the program when I became an MLA myself, which helped with living expenses. Project Login on campus has worked hard to connect students with internship and job opportunities across Maine and is part of the reason I got my internship. They make sure students have as many opportunities as possible. The UMaine Career Fairs — specifically the Engineering Job Fair for me — were also very helpful in me gaining experience. I was able to speak with many companies, get a few interviews, and eventually landed an internship. The job fair is an awesome resource for students and is great practice for when students graduate and are applying for jobs. **Have you worked closely with a professor or mentor who made your UMaine experience better?** I have worked very closely with Silvia Nittel for most of my undergraduate career. She has encouraged and supported me throughout my time at UMaine and has provided me a multitude of opportunities. When I first started the computer science program, I was unsure if it was for me. She helped me see that there were many applications of computing and that I was capable of succeeding in the program. I also have worked closely with Stacy Doore who has been a mentor to me for the past couple of years. She has given me countless advice and support and has helped shape me to who I am today. I would not have had nearly as much support, guidance, or opportunities without these two amazing women. **What advice do you have for incoming students to help them get off to the best start academically?** Reach out and connect with your classmates. The hardest thing in college is feeling isolated. Putting yourself out there is extremely hard, but worthwhile in the end. Creating study groups and bouncing ideas off your peers is essential in many classes and was crucial to my experience. Without such a supportive friend group, it would have been nearly impossible for me to make it to this point in my academic career.

Marie-France Georges: Outstanding Graduating International Student

25 Apr 2018

What difference has UMaine made in your life and in helping you reach your goals? Getting a quality education at a university that strives to be more inclusive of everyone. UMaine has helped me grow into an open-minded and more accepting individual. The university has also made my dream to live in Europe more accessible than it was before, having studied abroad in Birmingham, England during my junior year. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** I grew up being exposed to the world, especially languages and was encouraged to learn. Thanks to my parents' perspicacity, I am fluent in four languages and have a basic understanding of a few others. UMaine has helped me experience diversity at a different level. Diversity is needed and each and every person — from their cultural background, their financial status, their sexual orientation — has a voice and must be heard. Haiti's flag emblem is something I grew up with and carry with me: "L'Union fait la force," which

translates to “unity is strength.” So in today’s world this is even more relevant, and the University of Maine can pride itself in teaching students that together we are stronger. **Why UMaine?** First and foremost, my sister graduated from UMaine. I had visited her while she was a senior and spent a few days with her. I got a chance to experience the UMaine campus, I got to meet her friends and saw the international student community and even attended the international student coffee hour. This gave me a better perspective of the university. To me, UMaine is a family. It is a close-knit community in which everyone can have a voice, and that is exactly what I was looking for in a college. **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?** In order to succeed, international students and local students must find ways to get involved on campus. My advice is to take advantage of office hours with professors, show up to classes, ask questions even if you think they can be perceived as “stupid.” My involvement in clubs has helped me overcome my shyness and allowed me to approach people I do not know and express myself. Black Bear Catholic has allowed me to practice my faith and find myself spiritually, especially being away from home. Maine NEW Leadership organized by the Margaret Chase Smith Policy Center has given me the confidence to take on leadership roles on campus and in my personal life. Lastly, the Office of International Programs creates the space for international students to bloom and share their culture with the international and Maine communities. **Have you worked closely with a professor or mentor who made your UMaine experience better?** There are so many names, I am afraid I will forget a few, but I would like to offer a special mention to my thesis adviser, Sebastian Lobe, who was been a great support for the past year and a half during my research. I would also like to mention Margaret Killinger who, since my first semester at the University of Maine, has showed me what being a member of this community is and how supportive professors can be to new students. **What advice do you have for incoming students to help them get off to the best start academically?** My greatest advice for incoming students is to not be afraid. The University of Maine community is welcoming and your years here will be some of the greatest in your life. I also recommend attending all the welcoming events, showing up to classes and getting involved right away so they can build and cultivate relationships with peers and staff and make a positive impact in the community.

Rachel Sirois: Outstanding Graduating Student

25 Apr 2018

What difference has UMaine made in your life and in helping you reach your goals? The people I have met and the experiences I have had during my time at UMaine have been pivotal in shaping me into who I am and who I strive to be as a person of faith, reflective educator, loving friend, and contributing citizen. These qualities began as seeds, but UMaine proved to be a perfect growing environment for them to bloom. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** My experience in Mary Ellin Logue’s Curriculums and Methods of Teaching Young Children Social Studies class served as a catalyst for my passion for teaching students with a focus on social/emotional learning. Our discussions about the importance of relationships, understanding that Maslow’s Hierarchy of Needs must be considered before we can expect students to achieve academic success sparked my Honors thesis journey. These beliefs formed the foundation for my personal philosophy of education. Because of this, and many other incredible education courses, I have been able to actively consider how I will meet the holistic needs of each student I have the opportunity to interact with and teach not only during my student teaching semester, but also throughout my future career. Because of the coursework and field experiences I have had during my time at UMaine, my perceptions of what a teacher is have changed. A teacher is not just someone who transfers knowledge to another. A teacher is a caregiver; a support system; a giver of warm smiles and comforting hugs on a hard day; a holder of high expectations; a fierce advocate; a champion for children and families, and much, much more. **Why UMaine?** Why not UMaine? UMaine is a place with all kinds of opportunities, whether they are academic or social. UMaine is like the valued mentor who pushes you just outside of your comfort zone, because they believe in your potential, but is always there as a backbone of support and care. **How would you define the opportunities for student success at UMaine?** The opportunities for student success are expansive. There are a plethora of resources on campus to assist in making the transition from high school to college. I especially benefited from building working relationships with my advisers and professors. They are there for you and truly want to see you succeed, so let them help you. **Have you worked closely with a professor or mentor who made your UMaine experience better?** Julie DellaMattera made my experience better because of her push for me to switch to the early childhood education concentration initiating a wonderful journey into the profession that I have come to love. Mary Ellin Logue’s mentorship and ability to help her students expand their thinking about children and the world in which we live has been pivotal in shaping my philosophy of education. The

Honors Thesis process would have been much more difficult without the guidance of my thesis adviser, Sid Mitchell, and the rest of my committee who took my research seriously and were consistently available to provide support. Finally, I have to acknowledge the work of my field experience supervisor, Doreen Page, in enhancing my UMaine experience. I speak for my entire early childhood cohort when I say we think she is a total rock star. Her gentle demeanor and genuine care for us student teachers has made the last couple semesters significantly less stressful than they could have been without her support. When Rita Pierson said, “Every kid needs a champion”, I am confident she was describing Doreen Page. **What advice do you have for incoming students to help them get off to the best start academically?** To incoming students: Get involved and be gentle with yourself. Honestly, you may think that you should hoard your time in order to achieve academic success. However, it has been my experience that the semesters where I maintained an appropriate work/life balance, I was more successful academically and felt better emotionally. Now, the keyword here is “balance.” I am a firm believer in self-care; finding ways to best meet your holistic needs. Give yourself adequate time to complete your readings and study for your exams, but at the same time, get involved. Allow yourself the time to adventure with friends, serve in the community, try a new sport or club, join Greek life, explore faith, and also, don’t forget that it is OK to say “no” to these things, as well. If you need to take some time to study, it is OK to decline whatever social opportunity is knocking. It is OK to acknowledge that your need for a quality night of sleep trumps the pull to attend that event or this service project. It is OK to take care of yourself. Remember, you are a human being, not a human doing. But on the same note, do whatever it is you need to do — within reason, of course — to make sure these four years are all you want them to be.

Tina Hedrick: Outstanding Graduating Student

25 Apr 2018

What difference has UMaine made in your life and in helping you reach your goals? As a mother with young children, I felt the time for fulfilling my own educational aspirations was diminishing. However, the program offered by UMaine through the Division of Lifelong Learning afforded me the opportunity to not only accomplish my original aspirations but have now opened the possibilities to new aspirations. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** I will never doubt that education is a possibility at any age. **Why UMaine?** When I began to research colleges and universities, I had a few musts. The school must offer a fully online program and it must be flexible. I also wanted a school where tuition was affordable and the options for financial aid were available. I found it all at UMaine. **Is there any particular initiative, program or set of resources that helped you succeed?** The Division of Lifelong Learning allowed me the opportunity to further my education. **Have you worked closely with a professor or mentor who made your UMaine experience better?** Every professor that I have had at UMaine has made my experience better, however, it is the encouragement from my academic adviser, Barbara Howard, that made a huge impact in my future goals. **What advice do you have for incoming students to help them get off to the best start academically?** Being an online student, it is vital to maintain a schedule that allows you to easily meet all of your due dates. Also, don’t be afraid to ask your professors for help on any issues. They want to see you succeed and are eager to help.

Yousuf Ali: Outstanding Graduating International Student

25 Apr 2018

What difference has UMaine made in your life and in helping you reach your goals? I had the privilege to meet some great people from all around the world at UMaine. I have learned about different cultures and societies and how the world can work together to make life better for everyone. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** I cannot single out one particular thing that has shaped the way I see the world; but, I am certainly not the same person I was when I joined UMaine four years ago. I do think that one of the things I love most about UMaine is the respect the staff has to students, whether they be professors, supervisors, or workers. I have found they treat everyone the same no matter their age, color or background. That is certainly something you do not see everywhere. **Why UMaine?** I have always wanted to study in the Northeast and experience living in a college town. I quickly loved the place and decided to finish my studies here. **How would you define the opportunities for student success at UMaine?** I think the best resource you can find at UMaine is office hours provided by your instructor. This has always been a great help for me. **What advice do you have for incoming students to help them**

get off to the best start academically? My advice to incoming students would be to think of what kind of career they want to pursue early in their life so they can start preparing for it in school.

Applications available for Master Food Preserver course

25 Apr 2018

Applications for the 10-session University of Maine Cooperative Extension Master Food Preserver course beginning in June are available. The first session is June 19 and the last is Sept. 18. Classes are primarily 5:30–8:30 p.m. Tuesdays at UMaine Extension in Falmouth and Brunswick High School. The course will cover food preservation techniques, including canning, drying, freezing, fermenting, winter storage, and food safety information. Upon completion of the course, Master Food Preservers volunteer and are resources in their communities, providing the public with research-based information from UMaine Extension and the U.S. Department of Agriculture. The \$250 class fee includes all materials; limited financial assistance is available. Apply [online](#) by May 4. To request a printed application, for more information, or for a disability accommodation, contact 781.6099, 800.287.1471 (in Maine) or extension.rlreception@maine.edu.

16th annual POETS/SPEAK! to celebrate diversity at Bangor Public Library

25 Apr 2018

The Bangor Public Library will host the 16th annual POETS/SPEAK! poetry reading event April 26. This year's event, which is themed "Celebrate Unity in Diversity," is dedicated to Allen Monga, a student at Deering High School in Portland and an asylum seeker from Zambia, who won the Maine Poetry Out Loud competition and went to court to win the right to perform in the national contest in Washington, D.C. after his eligibility was challenged due to lack of citizenship status. The event begins with a reception at 4:30 p.m. Opening remarks by Barbara McDade, director of the Bangor Public Library, and Kathleen Ellis, event coordinator who teaches English and in the Honors College at the University of Maine, will be held at 4:45 p.m. followed by poetry readings and panels. Performers include Maine Poetry Out Loud finalists from 2018 and 2017, as well as UMaine faculty, staff and students. POETS/SPEAK! will conclude with live jazz at 7:20 p.m. and book sales and signings at 7:55 p.m. All events will take place in the first floor atrium of the library. The event is made possible by the Bangor Public Library, Bangor Arts, UMaine Department of English, UMaine English 205 and 222 students, and several area poets. For more information and a full schedule, visit the library's [event calendar](#).

School of Social Work to host public conference on environmental justice

25 Apr 2018

The University of Maine School of Social Work will host a conference on the effects the natural environment has on our overall wellness, as well as the effects humans have on the natural environment. "Environmental Justice: A Social Work Perspective" will be held 9:30 a.m. to 4:30 p.m. May 5 at the D.P. Corbett Business Building. It will feature two keynote speakers, as well as two facilitated panel discussions. Topics to be discussed will include mental and physical wellness, how maltreatment of the environment affects food and water, environmental conservation, and nature-based therapy. William Hafford, an assistant professor of adventure therapy at Unity College, will deliver the first keynote at 10:15 a.m. Betsy Sweet, an environmental activist and Maine gubernatorial candidate, will speak at 3:30 p.m. The event is free and open to the public. [Online](#) registration is requested. All professional social workers will be awarded five contact hours and a certificate of completion for full attendance. A complete schedule is online. For more information, email swenvironmentaljustice@gmail.com or call 978.551.8466.

UMaine Extension mentioned in Forecaster article on Falmouth nature workshop

25 Apr 2018

[The Forecaster](#) reported a partnership between the Falmouth Land Trust and other local organizations, including the University of Maine Cooperative Extension, that aims to better connect residents to town-owned conservation land has

led to a parent-child nature workshop. The workshop, which costs \$15 per person or \$40 for a family, consists of walking the trail system at the Trails at Falmouth Corners on April 28, collecting inspiring objects along the way and then journaling about individual or collective observations, according to the article. The executive director of the Falmouth Land Trust said by partnering with organizations like Portland-based Unwritten Roads and UMaine Extension, the land trust hopes to offer a diversity of programs that will appeal to many different groups of people.

Vekasi to be featured panelists at Trade Day 2018, MaineBiz reports

25 Apr 2018

[MaineBiz](#) reported Kristin Vekasi, an assistant professor of political science and international affairs at the University of Maine, will be a featured panelists during the Maine International Trade Center's Trade Day 2018. The conference, which will be held May 17–18 at the Samoset Resort in Rockport, is billed as the premier international annual business event in northern New England, according to the article. On May 18, Vekasi will take part in the panel discussion, "Accessing Asia: Risks and Rewards," the article states.

WABI covers Big Gig pitch-off finale

25 Apr 2018

[WABI](#) (Channel 5) reported on the Big Gig's season finale pitch-off event held at the Black Bear Inn. The Big Gig competition allows local entrepreneurs to pitch their business ideas or early-stage companies to a panel of judges who select a winner. The season finale featured the winners of the season's three previous pitch offs; all competing for the \$5,000 grand prize, WABI reported. "It gives you an opportunity that you don't have in any other sort of atmosphere," said finalist Tyler Cote. "It allows someone like me to all of a sudden be in a competition where there are professionals I can get feedback." Patrick Breeding of Zephyrus Simulations, who is pursuing a master's degree in biomedical engineering at UMaine, won the first-place prize for his company's medical breathing simulator.

LASST project receives \$2.5 million from DOE to improve technology in power plants

25 Apr 2018

A University of Maine research project focused on improving sensor technologies in coal-based power plants has received a \$2.5 million grant from the National Energy Technology Laboratory (NETL) through the Department of Energy's Office of Fossil Energy. The UMaine project, "Technology Maturation of Wireless Harsh-Environment Sensors for Improved Condition-Based Monitoring," led by Mauricio Pereira da Cunha, professor of electrical and computer engineering, and Robert Lad, professor of physics, is one of nine projects funded by NETL as part of the [Advanced Combustion Systems \(ACS\) Program](#). The goal of the program is to develop new advanced sensor instrumentation that can provide improved condition based maintenance in existing coal power plants, thus serving to reliably reduce the costs of operation and maintenance, increase efficiency and safety, and significantly reduce the pollutant emissions, according to the DOE. UMaine's research, led by faculty, staff and students in the Laboratory for Surface Science and Technology (LASST), is based on wireless, battery-free surface acoustic wave sensor devices that allow measurements of temperature, as well as stress and strain, on equipment operating under harsh environments at very high temperatures (near to 1000 C/1800 F). The technology aims to monitor temperature and equipment degradation at both the fire-side and steam-side of boilers and other critical components. The work carried out under this DOE funding will focus on technology transfer and development of new materials and packaging for wireless harsh-environment sensors applications in coal-fired power plants. "The selection of this project as one of only nine funded nationally under the given Department of Energy program is a clear endorsement of the innovative research led by Dr. Pereira da Cunha and Dr. Lad in developing cost-effective technologies to enhance operations of existing coal power plants," said Kody Varahramyan, vice president for research and dean of the Graduate School. Contact: Christel Peters, christel.peters@maine.edu

Students invited to Follow a Researcher on the coast of Maine

25 Apr 2018

What do green crabs, ducks and crab traps have in common? How do scientists make sure data they collect are accurate? What is an invasive species and how can it be identified? This spring, University of Maine Cooperative Extension 4-H invites K–12 students from Maine and beyond to explore the science of tracking invasive species with its Follow a Researcher[®] program. Videos that align with the Next Generation Science Standards Practice introduce UMaine graduate student Tyler Van Kirk and his research on green crabs (*Carcinus maenas*), an invasive species found along the coast of Maine. Students and educators can follow his data collection trips in real-time with an online map and take part in an experiential learning activity that demonstrates why data collection methods matter. Live weekly Twitter chats start April 26, 1–2 p.m. EDT, [@UMaineFAR](https://twitter.com/UMaineFAR). More information and the sign-up to Follow a Researcher[®] are [online](#). To request a disability accommodation or for more information, contact Greg Kranich, 207.581.3292; UMaineFAR@maine.edu. Contact: Greg Kranich, 207.581.3292

Opinions of Maine youth central to project aimed at helping rural communities thrive

25 Apr 2018

Helping rural communities retain and attract young residents is the goal of a three-year study being led by the University of Maine. The project seeks to understand the goals and aspirations of middle- and high-school students in traditionally forest-dependent communities in Maine and Oregon. Researchers will look at economic restructuring, community characteristics, and young people's perceptions of local labor markets in these regions. "We're trying to untangle how the community in which kids live in affects their aspirations and hope for the future and also hopefully provide some information on what communities can do to better support youth in these places," says Mindy Crandall, an assistant professor of forest landscape management and economics at UMaine, who is leading the study. The project consists of three main components: an anonymous survey, community listening sessions, and the distribution of a capitals mapping tool that can be used for program evaluation by organizations involved in delivering youth training and education programs. Through the surveys and listening sessions, the researchers seek to learn more about the connections among local communities, youth aspirations for the future, and the local economy. The researchers say they hope the information will help communities better engage the next generation of workers and entrepreneurs as residents and leaders, develop more targeted education and training opportunities, and attract more early-career people to relocate or return to rural places. "The main goal really is to generate information that's useful from a research perspective, but also generate information that will hopefully be useful on the ground, in the communities," Crandall says. "Because we know communities, especially in northern Maine, are constantly trying to figure out how to retain and attract young people. A dwindling workforce, places where the school population is kind of right on the edge of viability, those are pretty critical issues to keep young, working families in those places." The first year of the project has been focused on developing the survey and administering it to students through middle and high schools in the Piscataquis County towns of Guilford, Greenville and Dover-Foxcroft, as well as Jackman, a Somerset County town that shares similar rural characteristics. Surveys will be given to students this spring. Questions will focus on what students think about their community as well as what they want to do and what they think they will do in terms of future employment and school, Crandall says. Community listening sessions also are being planned in the participating communities for the end of May. During the sessions, children and their parents will be invited to enjoy free dinner and dessert before breaking into groups to discuss hopes and fears for the community. Parents or guardians in Piscataquis County can sign their teen up for the survey or listening session by emailing the Rural Youth Futures Project at um.ruralyouth@maine.edu, or calling/texting Crandall at 207.880.2140. "We hope to get shallow information from as many as possible with the survey and deeper information from a few people with the listening sessions," Crandall says. "I think too often we focus on what adults think is needed in a community, but the youth are the next generation of workers and entrepreneurs; the people who are going to bring good ideas to help these communities, so it's really important to get their perspectives." Next year, the surveys will be deployed in Coos County, Oregon. During the final year of the project, the survey will be repeated in Maine and researchers will begin to analyze and compare data. "Youth aspirations and labor market transitions in rural communities" was funded by the U.S. Department of Agriculture's National Institute of Food and Agriculture in May 2017. Other UMaine researchers involved in the project are Jessica Leahy, a professor of human dimensions of natural resources; and Nicole Bernsen, a doctoral student. Community partners in Maine include University of Maine Cooperative Extension, the Appalachian Mountain Club, Helping Hands with Hearts and Piscataquis Chamber of Commerce. Contact: Elyse Catalina, 581.3747

Famed oceanographer Sylvia Earle to lecture April 30

26 Apr 2018

Famed oceanographer and explorer Sylvia Earle will present “Exploring the Ocean in the 21st Century” April 30 at the University of Maine. The public lecture, from 4:30–5:30 p.m. at the Collins Center for the Arts on campus, will include underwater film of her research and conservation efforts in many coastal and deep areas of the global ocean. Doors open at 3:30 p.m. Maritime folk music about the sea will be provided by the New Brunswick folk duo “Frantically Atlantic” from 3:50–4:20 p.m. Tickets are free but must be reserved by contacting the Collins Center for the Arts box office, 207.581.1755. The box office also can assist with requests for disability accommodations. Earle is a National Geographic Society Explorer-in-Residence, and founder and chair of the nonprofit [Mission Blue](#), focused on raising public awareness, access and support for a worldwide network of [marine protected areas](#). She has been called a Living Legend by the Library of Congress and first Hero for the Planet by Time Magazine, and was the first woman to become Chief Scientist of the U.S. National Oceanic and Atmospheric Administration. Earle’s career achievements include leading more than 100 expeditions and logging more than 7,000 hours underwater. She led the first team of women aquanauts during the Tektite Project in 1970. Her research focuses on marine ecosystem conservation, and the development and use of new technologies for access and effective operations in the deep sea and other remote environments, according to her biography. Earle is committed to developing a global network of areas in the ocean — “Hope Spots” — to safeguard the living systems that provide the underpinnings of global processes, from maintaining biodiversity and yielding basic life support services to providing stability and resiliency in response to accelerating climate change. Co-sponsors of the event include the UMaine School of Marine Sciences, and the University’s Cultural Affairs and Distinguished Lecture Series.

Mechanical Engineering Capstone Open House May 2

26 Apr 2018

Mechanical engineering students at the University of Maine will showcase their senior capstone projects May 2. The Mechanical Engineering Capstone Open House will be held from 10 a.m. to 1:30 p.m. at Crosby Hall. Members of the UMaine community are welcome to learn more about the projects and enjoy a cookout. Projects to be displayed include a DEEMI rover, wind turbine blade tester, nano-cellulose dryer, aquaculture test bed, data buoy and human-powered vehicle, as well as land drones, hydro-foiling yachts and unmanned aerial vehicles. For more information, contact Alex Friess at wilhelm.friess@maine.edu, 581.2122.

Call for nominations for 2018 Geddes W. Simpson Distinguished Lecturer

26 Apr 2018

The Geddes W. Simpson Lecture Series Selection Committee is calling for nominations for the 17th Geddes W. Simpson Lecture, which will be held fall 2018. The Geddes W. Simpson Lecture invites speakers of prominence who have provided significant insight into the area where science and history intersect. The Geddes W. Simpson Lecture Series Fund was established by 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. A one-page letter of nomination, along with the nominee’s curriculum vitae, should be emailed to Melissa Maginnis, chair of the selection committee, at melissa.maginnis@maine.edu; or mailed to Melissa Maginnis, Department of Molecular and Biomedical Sciences, University of Maine, 5735 Hitchner Hall Room 326 Orono, ME 04469-5735 by May 11. 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. Recent Geddes W. Simpson Distinguished Lecturers include:

- Sharrona Pearl, assistant professor at Annenberg School for Communication, University of Pennsylvania, “Face

- Transplant Surgery and the Meaning of Identity: A history and case study” (2017);
- David Green, senior fellow at Baker Center for Public Policy, University of Tennessee, “Creating the Sustainable Car: History Lessons from 40 Years of Regulating Automotive Carbon Emissions” (2016);
 - William Krohn, wildlife biologist, “Using Historical Information in Wildlife Science: A Personal Journey” (2014);
 - Grace Brush, professor of biology (paleobotany), Johns Hopkins University, “A Paleoecological Record of Long Term Connections Between Land and Water” (2013);
 - Joseph Kelley, professor of marine geology, UMaine, “People and Beaches: A Coupled Human and Natural System” (2011);
 - 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);
 - Ted Ames, lobsterman and MacArthur Foundation Fellow, “Confluence of Fisheries Management and History” (2007); and
 - Susan Brawley, professor of plant biology, UMaine, “The Pursuit of Science Literacy: Claude Bernard to Prozac” (2005).

Morning Ag Clips advances UMaine Extension plant sale

26 Apr 2018

[Morning Ag Clips](#) reported the annual plant sale of the University of Maine Cooperative Extension Master Gardener Volunteers in York County will be held May 19 at the UMaine Extension office in Springvale. Annuals, perennials, vegetables, herbs, trees, shrubs and houseplants will be for sale, as will an assortment of gently used gardening books and tools, according to the article. Master Gardener Volunteers also will be available to advise and make garden suggestions. All proceeds benefit Master Gardener Volunteer programs in York County, including Kids Can Grow, Garden Angels, Maine Harvest for Hunger and demonstration gardens, the article states.

Socolow speaks about social media literacy on Reason Podcast

26 Apr 2018

Michael Socolow, an associate professor of communication and journalism at the University of Maine, was a recent guest on [Reason Podcast](#). The show focused on strengthening social media literacy in an age of “fake news.” Socolow shared three rules that keep “smart people from spreading dumb ideas.” He also discussed past eras of moral panic and hysteria over new forms of media, such as the 1990s when television shows were attacked as anti-social even as they provided viewers new tools to critically process information overload just as cable TV and the internet became ubiquitous, according to the podcast description.

WVH, WABI report on UMaine raffle to win free tuition for a year

26 Apr 2018

[WVH](#) (Channel 7) and [WABI](#) (Channel 5) reported the University of Maine Alumni Association is again offering its Annual Tuition Raffle. The winner will receive one year of in-state tuition at UMaine, totaling more than \$8,000. A \$5 donation per ticket is suggested, WVH reported. “It’s fun to make the call to the individual who has won to say, ‘Guess what? You’ve just won a year’s worth of tuition at the University of Maine,’” said John Diamond, president and executive director of the UMaine Alumni Association. “Sometimes they don’t believe it. One year a student who one was actually watching us stream the drawing live on the computer and couldn’t believe he heard his name mentioned.” Tickets are available on the UMaine Alumni Association’s [website](#).

Canadian-American Center map wins major award

27 Apr 2018

The University of Maine Canadian-American Center map by Margaret Pearce, “Coming Home to Indigenous Place Names in Canada,” has been named co-winner in the Thematic Map category of the Cartography and Geographic Information Society’s 2017 Map Design Competition. The society represents professional cartographers in North America, and the judges include experts from the Smithsonian, Library of Congress and National Park Service. The other winning map in the category was National Geographic Magazine’s “The Melting of Antarctica,” available online and in the magazine. Two years ago, “Historical Atlas of Maine” won in two categories of the Cartography and Geographic Information Society’s Map Design Competition — Best Book/Atlas and Best of Show.

Roadway paving April 30–May 1

27 Apr 2018

Campus roadway paving is scheduled Monday and Tuesday, April 30–May 1. Expect traffic delays in these areas: east end of Long Road (Cutler to Patch Hall), south end of Munson Road (Lengyel to Estabrooke), North Gym Lot/Alfond Lot and Heritage House.

UMaine community members presented Maine Campus Compact awards

27 Apr 2018

Members of the University of Maine community were recognized with Maine Campus Compact awards this week. Senior Samantha Saucier received a Heart and Soul Award for her campus leadership, which includes co-founding the Women’s Resource Center. The award recognizes six Maine undergraduate students who are actively involved in transforming their campuses and communities into environments of civic engagement. These students have developed positive community and campus change; worked to institutionalize their community projects; demonstrated leadership; and implemented innovative approaches to social issues. The Honors College Student Advisory Board received the President’s Campus Leadership Award from Maine Campus Compact. The award recognizes a student organization or campus department at each MCC member institution for contributions to community service, service learning, and/or civic engagement efforts on campus. Maine Campus Compact is a coalition of 18 campuses whose purpose is to catalyze and lead a movement to reinvigorate the public purposes and civic mission of higher education, according to the organization’s website.

2018 Rising Tide Professors announced

27 Apr 2018

The 2018 Rising Tide Professors are Jennifer Perry, University of Maine assistant professor of food microbiology in the School of Food and Agriculture, and collaborators Dan Sandweiss and Carlos Villacorta, director of the School of Policy and International Affairs and assistant professor of Spanish, respectively. The faculty will implement two-year projects focused on enhancing diversity and advancing equity at UMaine with support from the College of Natural Sciences, Forestry, and Agriculture, and the College of Liberal Arts and Sciences. Perry seeks to promote a climate of acceptance and respect at UMaine by establishing a diversity-focused book club intended to facilitate positive discussion of issues surrounding inclusion in science and education. Sandweiss and Villacorta will lead UMaine Unido to recognize the contributions of the Latinx community at UMaine and nationally, with the goal of promoting visibility, participation and integration of this underserved minority group. Both projects will be initiated in September 2018. Rising Tide Professorships were introduced in 2016 to further the mission of the Rising Tide Center through implementation of equity initiatives focused at the unit or campus level. The initial cohort of Rising Tide Professors completed projects that include establishment of an advocacy group for women in STEM and medical disciplines, development of policy proposals to facilitate effective working relationships between faculty and staff through exploration of cultural and economic issues related to gender equity, review and revision of the UMaine Faculty Recruitment Handbook to support development of faculty recruitment training, and development of a multisession workshop series focused on implicit bias and the impacts of bias in academia.

Media cover UMaine Alumni Association's awards dinner

27 Apr 2018

[WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported on the University of Maine Alumni Association's annual awards dinner. The event was held to acknowledge UMaine alumni and friends for outstanding public service and professional accomplishments, WABI reported. Among the eight Alumni Achievement Award winners, were U.S. Sen. Susan Collins and her family, who received the Fogler Legacy Award. Thirteen members across four generations of the Collins family have earned a UMaine degree, media reported. "We are very grateful to what the University of Maine has given to my family," Collins said. "And I am very proud that my family, which is being recognized tonight, has given back to them." Former Maine Governor John Baldacci was given the Alumni Career Award. "This institution has provided thousands of Maine families with an opportunity to grow and to have a foundation to be able to hang up their shingle and be independent," he told WABI. "I just can't thank the university enough, and continue to make sure that we all recognize the importance of the University of Maine."

Free Press, Penobscot Times advance Harold W. Borns Jr. Symposium

27 Apr 2018

[The Free Press](#) and the Penobscot Times reported University of Maine faculty and graduate students will present findings from wide-ranging research at the 26th annual Harold W. Borns Jr. Symposium that sheds light on how climate change affects Maine and its residents. The free, public event will be held at Wells Conference Center from noon to 7 p.m. May 1 and from 8 a.m. to 3 p.m. May 2. Topics of the emerging climate change studies include whether a temperature-related increase in toxic algal blooms could increase the prevalence of a neurodegenerative disease, and how erosion and rising seas are threatening valuable coastal archaeological sites. Findings also will be shared on whether deer tick range expansion is associated with milder winters and how climate-driven changes in habitat suitability in the Gulf of Maine contributed to increased lobster landings in the early 2010s.

BDN interviews Coffin, Garland about One Tomato Project

27 Apr 2018

The [Bangor Daily News](#) reported on the One Tomato Project, which was launched in 2009 in Sarnia, Ontario, and offers free tomato seedlings to encourage gardening. When Donna Coffin, a University of Maine Cooperative Extension educator and professor, heard about the project, she thought it could be a great fit for rural Maine, and especially Piscataquis County, where she is based, according to the article. "Our goal, and why we started this, is that we wanted to think of a way to encourage people who have never gardened to start gardening," she said. "The goal is to just start growing your own food. To grow and consume food that you know is raised in Maine." This year will mark the fifth anniversary of the One Tomato project in Piscataquis County, with 400 seedlings expected to be given away throughout the area. UMaine Extension in Penobscot County also is distributing seedlings, the article states. "It's such a clever idea and such a simple idea," said Kate Garland, a horticulturist with UMaine Extension. In addition to a seedling, project participants also are given fact sheets about gardening and asked for their contact information so UMaine Extension educators can follow up with them. "We try to encourage folks," Coffin said. "We try to remove as many barriers to gardening as we can."

Pendse, Hosford speak about Maine Summer Transportation Institute on WABI

27 Apr 2018

Sheila Pendse, project development associate in the Dean's Office of the University of Maine College of Engineering, and Eliza Hosford, a chemical engineering major at UMaine, visited the studio of [WABI](#) (Channel 5) to speak about the Maine Summer Transportation Institute. For the 11th year, the UMaine summer camp will allow middle school students to learn about engineering and transportation-related careers. Participants are exposed to university life, leadership and team-building activities through a series of lectures, workshops, hand-on laboratories and field trips, WABI reported. Hosford, who attended the camp when she was in seventh grade, said that's where she decided she wanted to become an

engineer. The camp will be held July 9–20, more information is [online](#).

Research examines abrupt climate change impacts in maritime Europe, media report

27 Apr 2018

[Irish World](#), [Irish Mirror](#), [The Irish Times](#) and [Siliconrepublic.com](#) reported on a recent study by a team of researchers from NUI Galway and the University of Maine, which suggests the physical impact of abrupt climate change in Ireland, Britain and maritime Europe may be markedly different to what was once thought. In a paper published in *Paleoceanography and Paleoclimatology*, the team wanted to investigate how abrupt climate changes, such as high-magnitude shifts in average climate, have impacted maritime Europe at the close of the last ice age, [Siliconrepublic.com](#) reported. By analyzing ancient shells found in Scotland, the team's data challenges the idea that the "Younger Dryas" period was an abrupt return to an ice age climate in the North Atlantic, by showing that the last glaciers there were actually decaying rapidly during that period, the article states. "This finding is controversial and, if we are correct, it helps rewrite our understanding of how abrupt climate change impacts our maritime region, both in the past and potentially into the future," said the study's lead author, Gordon Bromley of NUI Galway's School of Geography and Archaeology and UMaine's Climate Change Institute.

Community service projects to highlight Maine Day, May 2

27 Apr 2018

University of Maine community members will take part in a day of service on Maine Day, May 2. As part of the annual spring cleanup tradition, UMaine students, faculty and staff will complete volunteer projects aimed at sprucing up campus, enjoy a free barbecue and take part in a meal-packing event. Festivities will begin at 8:30 a.m. with a parade featuring student organizations, residence hall groups, fraternities and sororities, as well as faculty and staff. The parade will start at the Hilltop area and travel around campus before ending on the Mall. Those participating in the parade are encouraged to follow this year's "Superhero" theme. Parade registration is [online](#) until 5 p.m. April 30. 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 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, more than 1,000 volunteers are expected to take part in about 70 projects, including raking, planting flowers, picking up litter and painting at various locations on and around campus. Student groups will lead many projects, such as Gamma Sigma Sigma service sorority cleaning the playground area of the UMaine Children's Center; sport club team members helping the Old Town Recreation Center prepare its Little League field for opening day; Alpha Sigma Phi helping Down East Emergency Medicine Institute (DEEMI) clean and stock search and rescue vehicles; Graduate Student Government gardening between Fogler Library and Memorial Union; and members of the UMaine Office of Veterans Education and Transition Services, MBS Corps and Navy ROTC cleaning and planting around the Class of 1945 Memorial sculpture outside Memorial Union. This year also will mark the second Maine Day Meal Pack-out. In meal pack-out events, campus and community volunteers pack meals that are given to food banks and community organizations that feed the hungry. The goal of this year's event is to contribute as many meals as possible to Maine's food-insecure community while raising awareness about food insecurity and promoting experiential learning of service activism, according to student organizer Jack Brown. The event will be held at 9 a.m. in the New Balance Student Recreation Center. It is organized by UMaine students, including those from the Honors College Student Advisory Board, UMaine Student Government, Panhellenic Council, Interfraternity Council (IFC) and Senior Skulls. In 2017, UMaine surpassed Harvard University to set a record for the most meals packed by a New England university during one event. The meal pack-out also placed UMaine among the top 10 organizations in the country and fourth in New England, along with groups including AARP and United Way, for most meals packed. More than 250 volunteers helped pack 107,500 meals — about 5.5 tons of food. A list of projects, including the meal pack-out, is available on the Bodwell Center for Service and Volunteerism [website](#). Volunteers are still needed for many projects. Online registration ends April 30. In-person registration for remaining projects will be available beginning at 9 a.m. May 2 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 will take

place in the lot from noon to 3 p.m. Activities include the Alpha Delta oozeball — mud volleyball — championship, Sophomore Owls/CASE talent showcase, UMaine football team's bone marrow drive, Golden Key International Honour Society's dunk tank, Alpha Omicron Pi and Pi Kappa Phi pie-in-the-face booths, and the St. Baldrick's head-shaving event hosted by UMaine Circle K. Kickin' Flicks will present two movies, "Thor: Ragnarok" at 3 p.m. in the Collins Center for the Arts, and a surprise showing at 9 p.m. on the Mall (or the CCA in the event of rain). UMaine Student Government also will host Maine Day Fest 6–9 p.m. on the Mall. The event will feature food trucks, lawn games and live music. More information is on [Facebook](#). President Arthur Hauck 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. Funding for Maine Day is provided by the UMaine President's Office, Division of Student Life, Vice President for Administration and Finance, Facilities Management and Black Bear Dining. More information about Maine Day is [online](#). Contact: Elyse Catalina, 581.3747

Campbell, Hall part of massive UK-US examination of Antarctic glacier

30 Apr 2018

The Thwaites Glacier in remote West Antarctica is losing 50 billion tons of ice a year and polar scientists say it could collapse within decades. The resulting rapid sea-level rise would increase vulnerability for 40 percent of the world's population — approximately 3 billion people — living within 60 miles of the coast. So reducing scientific uncertainty about the likelihood, timing and magnitude of the collapse of West Antarctic glaciers is an international priority. To understand why the Florida-size glacier's rate of ice loss has doubled since the 1990s, 100 scientists from world-leading research institutions in the United Kingdom and the United States — including Brenda Hall and Seth Campbell from the University of Maine — will collaborate on a massive \$25 million research project. Researchers say U.K. and U.S. cooperation is key to undertake the scale of scientific study needed to determine what's happening with the glacier and to plan for adaptations. The exploration will utilize the most up-to-date instruments and techniques available, from drills that can make access holes 1,500 meters into the ice with jets of hot water to autonomous submarines, including the Autosub known as Boaty McBoatface. In the U.S., Tulane University is managing one of the projects — Geological History Constraints on Grounding Line Retreat in the Thwaites Glacier system. Researchers will sample bedrock beneath the ice sheet, identify if and when the glacier retreated in the past, how it recovered, and how it's currently responding to environmental conditions. UMaine has a subcontract on this project and Hall and Campbell are co-principal investigators of that \$246,565 study. Hall is a professor in the School of Earth and Climate Sciences and the Climate Change Institute. She explores causes of ice ages and of rapid, millennial-scale climate changes. She also researches the stability of ice sheets. Campbell is a research assistant professor in the School of Earth and Climate Sciences. He uses geophysics and remote sensing to study dynamical processes, thermal properties and the internal structure of glaciers. "This research initiative focuses on a critical region of West Antarctica, which is thought to be key to the future existence of the ice sheet. A better understanding of past and present ice behavior in the Thwaites Glacier region will inform our understanding of future sea level, which will have a direct impact on the coast of Maine," says Hall. Maine has about 230 miles of coastline/3,500 miles of tidal coastline. Hall says one concern among the glaciological community is that Thwaites Glacier may already have begun irreversible retreat which, if true, could have devastating effects on global sea level. "However, there is some suggestion that the glacier may have been smaller in the past and was able to recover from that position, and that retreat is not irreversible," she says. "The overall goal of our group's project is to examine the history of Thwaites Glacier over the past several thousand years to document any evidence of smaller-than-present ice extent and subsequent glacier regrowth. UMaine researchers will document retreat of the ice from offshore islands, examining the pattern of local sea-level change that resulted from loading and unloading of the crust, as well as use ice-penetrating radar to map subglacial bed geometry and to aid with selection of future drill sites, say Campbell and Hall. Campbell says the bedrock samples will be collected and analyzed from above and below the current glacier surface to reconstruct changes in ice surface elevation over time. However, he says, each bedrock sample represents a point measurement potentially in areas that have their own localized weather or longer-term climate patterns not representative of the broader region. "To minimize this concern, we will use ice-penetrating radar observations to measure ice thicknesses and pick sub-glacial rock sampling sites in areas that are representative of the broader region. Multiple bedrock samples will also be collected for comparison to increase the confidence of our results," he says. The Natural Environment Research Council (NERC) and U.S. National Science Foundation (NSF) are funding the nine projects, which represent the largest joint endeavor undertaken by the two nations in Antarctica for more than 70 years. The complete media release issued by NERC and the NSF is [online](#). Contact: Beth Staples,

Northeastern States Research Cooperative report reflects 16 years of northern forest research

30 Apr 2018

The Northeastern States Research Cooperative (NSRC) has released its [comprehensive report](#) on 16 years of scientific contributions to northern forest research. NSRC state directors are Aaron Weiskittel, University of Maine; William “Breck” Bowden, University of Vermont; William McDowell, University of New Hampshire; and David Newman, State University of New York College of Environmental Science and Forestry. From 2001–17, 335 NSRC projects involved 176 researchers and engaged 50 institutions, agencies and organizations across the Northeast. NSRC-funded projects also generated over 300 peer-reviewed papers. Research focused on atmospheric pollution, forest management and productivity, land use planning, forest ecology, forest health and invasive species, recreation and tourism, energy and carbon, climate change, community and landowner engagement, water and watersheds, economy of the northern forest region, wildlife, forest products, and conservation and biodiversity. NSRC is a competitive grant program for northern forest research, authorized by federal legislation with allocations to the program directed by the USDA Forest Service. It has been jointly directed through the Forest Service Northern Research Station and the designated institutions in the four northern forest states.

Presidential Professor of Sustainability Science Kates passes away

30 Apr 2018

Robert Kates, UMaine Presidential Professor of Sustainability Science, passed away April 21. A memorial service will be held this summer. His obituary is [online](#).

Three UMaine journalism students named MAB Scholars

30 Apr 2018

The Maine Association of Broadcasters (MAB) has announced the awarding of scholarship support to three University of Maine undergraduates. The 2017–2018 MAB Scholars are Lara Carney of Orono, Maine; Samuel Wheeler of Greenwood, Maine; and Arman Garavanian of Lowell, Massachusetts. They all are enrolled in UMaine’s College of Liberal Arts and Sciences and are majoring in journalism. The MAB Scholarships are awarded to encourage students interested in pursuing careers in broadcasting and digital media in Maine. The MAB, in cooperation with UMaine’s Department of Communication and Journalism, administers the awards. Each spring, undergraduates who are college students in Maine and who are interested in careers in broadcasting and/or digital media production in Maine are eligible to apply.

Mechanical engineering technology students to present capstones May 2

30 Apr 2018

A total of 38 University of Maine students in the Mechanical Engineering Technology (MET) Program will present nine senior capstone design projects on Maine Day. From 9:30 a.m.–4 p.m. May 2, students will showcase their final projects in Bennett Hall, Room 137, unless otherwise noted. Scheduled presentations:

- 9:30–10 a.m. “Scaled tower crane.” Students are creating a scaled-down tower crane for use by the Construction Engineering Technology Program.
- 10–10:30 a.m. “Knit carbon-fiber wind blade.” Students are designing and manufacturing a 1/50th scale model knit carbon-fiber wind blade.
- 10:30–11 a.m. “Manufacturing composite hemispheres.” Students are developing fiber-reinforced thermoplastic hemispheres to be produced using the automated equipment in the Harold Alfond Advanced Manufacturing Lab for Structural Thermoplastics.
- 11–11:30 a.m. “Athletic cart.” Students are creating a more efficient, safe and affordable method of transporting

and storing athletic trainers' equipment.

- 1–1:30 p.m. “Blade runner,” at the Advanced Structures and Composites Center, Room 254. Students are designing and manufacturing a transportation system to move the wind blades in and out of the UMaine Composites Center.
- 1:45–2:15 p.m. “Pellet-mill automation,” presentation in Bennett Hall, Room 137, demonstration in Crosby Hall. Students are working on a biomass pellet mill to convert agricultural byproducts into a usable fuel source.
- 2:30–3 p.m. “Pneumatic organ.” Students are repairing the Unitarian Universalist Society of Bangor’s tubular-pneumatic pipe organ that was built in the early 1900s.
- 3–3:30 p.m. “Land drone.” Students are taking part in the Mechanical Engineering Land Drone competition in which they will create a fully functional land drone that can finish the course.
- 3:30–4 p.m. “Soft robot.” Students are working with biomedical engineering majors to design and manufacture a robot that can be used to help people walk by aiding arm movement.

All presentations are open to the public. More information on the projects is available [online](#) or by contacting Brett Ellis at 581.2134, brett.ellis@maine.edu; or Keith Berube at 581.2342, keith.berube@maine.edu.

Franklin County 4-H members compete at public speaking contest, media report

30 Apr 2018

[Sun Journal](#) and [Daily Bulldog](#) reported University of Maine Cooperative Extension 4-H in Franklin County was represented by 10 participants at the 4-H State Public Speaking Tournament at UMaine. Fifty-seven 4-H members from throughout Maine competed in categories, demonstrations and illustrated talks, which were then scored by a three-judge panel, according to the reports. Several Franklin County 4-H members received a top score and each member earned a blue ribbon for his or her illustrated talk. Two Franklin County 4-H members were chosen to compete on the Eastern States Exposition (ESE) communication science team; and another earned a spot as first alternate. In September, the team will compete at the ESE in Massachusetts, media reported.

Thomas co-writes Sun Journal op-ed on Trump’s proposed budget

30 Apr 2018

Andrew Thomas, an oceanography professor at the University of Maine, co-wrote an opinion piece for the [Sun Journal](#) titled, “Trump’s ‘An American Budget’ is not good for Maine.” Thomas wrote the piece with Beverly Johnson, a professor of geology at Bates College; and Amanda Moeser, the owner of Lanes Island Oyster Co. in Yarmouth and a Ph.D. student at Antioch University New England.

Human trafficking survivors share stories at awareness walk, WABI reports

30 Apr 2018

[WABI](#) (Channel 5) reported on a walk and rally held at the University of Maine to raise awareness about human trafficking. Since 2007, there have been more than 40,000 cases of human trafficking reported in the U.S., but it’s also an issue that often goes unreported, according to WABI. The student-run event was coordinated in part with Hope Rising, a residential program for trafficking survivors. “It means a lot to see all these people here today that are supporting people they don’t even know,” a survivor told WABI. “And I just hope that I can help the next person that is in that situation.”

McCleave quoted in Maine Public report on state’s elver fishery

30 Apr 2018

James McCleave, a University of Maine professor emeritus of marine sciences and a leading expert on eels, was quoted in the [Maine Public](#) report, “Why Maine is the only state in the US with a ‘significant’ elver fishery.” Eels start out as larvae and for the first few months of their lives, they float with the ocean currents and are eventually carried by the

Gulf Stream north along the continental shelf of the eastern U.S., according to the report. Then they find their way out of the Gulf Stream and into coastal and fresh waters, the report states. At this point, they're about a year old and looking more eel-like, but still transparent. They're now in the elver, or "glass eel," stage, and they get "spit out everywhere" along the Atlantic Coast, according to McCleave. Then they more or less stay put in estuaries, rivers and lakes near the coast for decades, getting bigger, fatter and more silvery, Maine Public reported.

UMaine research, resources cited in BDN editorial on vulnerability of Maine's coast

30 Apr 2018

Research from the University of Maine was mentioned in the [Bangor Daily News](#) editorial, "Look ahead to the vulnerability of Maine's coast." The sea off Maine's coast is rising at a rate of about 1.9 millimeters per year, far faster than any time in the past 5,000 years, according to UMaine's "Maine's Climate Future: 2015 Update," the editorial states. The Maine Sea Grant and University of Maine Cooperative Extension have compiled information on initiatives undertaken in coastal communities to build resilience to storms, rising seas and changing fisheries, and they offer lessons for towns and individuals, according to the BDN. The editorial also pointed to the Maine Sea Grant website for people to learn more about how to assess the threats most relevant to their property and prepare.

WABI covers Out of the Darkness Walk

30 Apr 2018

[WABI](#) (Channel 5) reported on the Out of the Darkness Walk held at the University of Maine to raise awareness about and prevent suicide. About 200 people took part in the community walk hosted by the Maine chapter of the American Foundation for Suicide Prevention and the UMaine Counseling Center, WABI reported. Organizers said the event is important because it lets people know they aren't alone. "My hope is that it would feel like a source of support even if someone wasn't at a place where they were willing to share or speak openly about their experience that they could be surrounded by a community of people that feel supportive anyway," said Amy Moran, a clinical staff member at the UMaine Counseling Center. [WVII](#) (Channel 7) also covered the event.

National Geographic quotes Lyon in article on extreme Mongolian winters

30 Apr 2018

Bradfield Lyon, an associate research professor in climate analysis at the University of Maine, spoke with [National Geographic](#) for the article, "The dangers of dzud, Mongolia's lethal winters." For the second time this decade, extreme winter conditions on the Mongolian steppe caused extensive die-offs of animals that traditional herding communities rely on for their survival, according to the article. Severe winters that kill large numbers of livestock are common enough in Mongolia that there is a local term for the phenomenon: dzud. The weather is a threat not only to livestock, but to the nomads' way of life: Bereft of the animals they rely on for food and income, hundreds of thousands of herders have streamed into the country's capital of Ulaanbaatar, hoping to send their children to school and find work, the article states. Finding solutions is complicated by the fact that dzud is difficult to predict, since the conditions that give rise to the disaster are hard to pin down, Lyon said. "There's not just one pattern we can identify and say, 'Ah! This will lead to problems,'" he said. "Even with long-range weather prediction models, it's difficult to capture how long these things are going to persist. There's so much variability in atmospheric patterns."

Two children's books honored with 2018 Correll Book Awards

01 May 2018

The 2018 Correll Book Awards for Excellence in Early Childhood Informational Text were announced at the Correll Early Literacy Conference held at the University of Maine. Michael Garland was honored for "Birds Make Nests" in the birth to age 3 category, while Doug Wechsler was recognized for "The Hidden Life of a Toad" in the age 4-8 category. Associate professor of literacy Susan Bennett-Armistead chairs the seven-member Correll Committee, which selects the winners of the awards, now in the seventh year. The awards honor books published in the previous year that are

appropriate to each age group, in addition to being engaging and accurate sources of information for young children.

Wood measurement training program to be held at UMaine May 3–4

01 May 2018

The University of Maine will host an approved wood measurement training program May 3–4. The course prepares participants to take the state licensing exam to become a licensed wood scaler in the state of Maine. Instruction will be given in scaler's licensing law, wood measurement methods and all applicable rules. The program includes both classroom and field training. It involves presentations on wood measurement rules, scaling techniques, log rules and history, as well as hands-on practice with experts scaling logs in the university forest mill yard. Participants will receive a copy of the most recent wood measurement rules. The program is intended for anyone who measures wood as part of their job, including mill scalers, foresters, forest rangers, loggers and forest landowners. Upon completion of the course, participants will earn a certificate that will reduce the time required as an apprentice scaler from two years to six months. "Wood transactions require measurement of wood by a licensed scaler," according to Keith Kanoti, a forest manager at UMaine. "As people retire and new scalers are hired, shortening the apprenticeship time by taking the course allows new scalers to work on their own sooner, bringing efficiencies." The program was traditionally hosted by UMaine, the Maine Forest Service and the Division of Quality Assurance & Regulation. Several of the principal instructors retired around the same time and the course was no longer offered. After a six-year hiatus, forest industry stakeholders expressed a need for the course to be offered again. It is being revived by UMaine's University Forests Office in the School of Forest Resources; the Maine Department of Agriculture, Conservation and Forestry, Maine Forest Service, and Division of Quality Assurance & Regulation; and Maine Sustainable Forestry Initiative. "UMaine has the connections in the industry to bring the right group of cooperators together to revive the course. We also have the facilities on the university forest to hold the class in a central location," Kanoti says. This year's class, which is capped at 20 participants, is full. Sponsors plan to offer the course again in the fall.

Workshop on strategic negotiations for postdocs, grad students May 14

01 May 2018

The Rising Tide Center at the University of Maine is sponsoring a May 14 workshop specifically developed for postdoctoral scholars and graduate students. The free workshop, "Strategic Negotiations for Postdocs and Graduate Students," is designed to help academic professionals who are about to enter the workforce build effective negotiation and solution-finding skills. Facilitating will be Jane Tucker, a consultant for COACH and ADVANCE institutions; and Yvette Huet, University of North Carolina Charlotte ADVANCE director of faculty affairs and diversity. Postdoctoral scholars and graduate students in all disciplines are welcome to participate in the workshop in 57 Stodder Hall. Lunch will be provided. Registration is [online](#). For more information or to request a disability accommodation, call the Rising Tide Center, 581.3494.

Piscataquis Observer publishes opinion piece on UMaine wildlife scholars

01 May 2018

[The Piscataquis Observer](#) published the article, "UMaine wildlife scholars prove our future is in good hands," by V. Paul Reynolds, editor of the Northwoods Sporting Journal. Every year, the New England Outdoor Writers Association (NEOWA) awards scholarships to a wildlife major from all six of New England's land grant universities, according to Reynolds, who wrote about selecting the University of Maine winner, Meija Knafl. Reynolds referred to the UMaine Department of Wildlife, Fisheries, and Conservation Biology as one of the most respected wildlife schools in the country. "It won't be long before these new graduates will also be leaving their mark as educators, researchers and biologists," he wrote about graduating UMaine wildlife majors.

Orono Bog Boardwalk to open for season with updates, media report

01 May 2018

The [Bangor Daily News](#) and [WABI](#) (Channel 5) reported the Orono Bog Boardwalk will open for its 16th season May 1, with several improvements. After the boardwalk closed in mid October, a group of nearly 40 volunteers worked for hundreds of hours to install 96 new sections of the boardwalk, three wheelchair turnouts and two interpretive stations, the BDN reported. Located on the eastern edge of the Rolland F. Perry City Forest — commonly known as the Bangor City Forest — the boardwalk is jointly managed by the University of Maine, city of Bangor and the Orono Land Trust. Since it opened in June 2003, it has been visited by more than 350,000 people, according to the BDN.

Press Herald quotes Thomas in article on push for more ocean warming research

01 May 2018

Andrew Thomas, an oceanography professor at the University of Maine, was quoted in a [Portland Press Herald](#) article about U.S. Sens. Susan Collins and Angus King urging the federal government to improve efforts to understand the causes and effects of the rapid warming of the Gulf of Maine, which threatens to disrupt traditional fisheries and the ecosystem that supports them, according to the article. “We need greater resources, enhanced monitoring of subsurface conditions, and a better understanding of the diversity of factors that are simultaneously impacting the Gulf of Maine, from changes in circulation and water temperature to ocean acidification,” the senators wrote in a letter to the head of the National Oceanic and Atmospheric Administration (NOAA). Thomas said Maine has limited resources for monitoring and studying the ongoing changes off the Northeast coast. “Scientists and managers working in the Gulf of Maine region welcome leadership and prioritization from NOAA as we struggle to both measure and understand the oceanographic changes happening in the Gulf of Maine, assess their causes, try to forecast their trends, and most importantly, try to understand their potential implications for the marine resources that are so important to the states and provinces of the area,” he said via email.

Study cited in Atlas Obscura report on daggers made from human bones

01 May 2018

A study conducted by researchers from Dartmouth College, University of Colorado Denver, and University of Maine was cited in the [Atlas Obscura](#) article, “New Guineans made intricately carved daggers from human bones.” For decades, groups in northern New Guinea used bone daggers during close combat, making anthropologists wonder how the weapons withstood the blunt force of brutal battles without breaking, according to the article. To study this, the team of researchers, including UMaine anthropology professor Paul “Jim” Roscoe, acquired five human bone and six cassowary daggers from the Hood Museum of Art at Dartmouth College and a private dealer. Through a series of tests, the researchers determined the human bone weapons were far stronger than the cassowary daggers, the article states. This superiority, the researchers explained, is likely due to the curved structure of the human bone daggers.

Tips for attending UMaine’s Commencement ceremonies May 12

01 May 2018

The University of Maine’s 2018 Commencement is May 12, with ceremonies at 9:30 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. Anyone attending Commencement should plan to arrive early. Doors open at 8 a.m. for the morning ceremony; 1 p.m. for the afternoon ceremony. People attending Commencement are urged to park in the Collins Center Lot on campus, where three shuttle buses will transport them to the arena. The Collins Center Lot is easily reached by traveling on Rangeley Road and following signs. Shuttle buses also will provide transportation to Alfond Arena from the following parking lots: the Steam Plant Lot on College Avenue, Belgrade Lot on Belgrade Road, Hilltop Lot on Rangeley Road and Buchanan Alumni House at College Avenue and Munson Road. Backpacks and large bags of any type cannot be brought to Alfond Arena during Commencement. People are strongly encouraged to leave large bags and any unnecessary items in their vehicles. Strollers may not be set up in the aisles of Alfond Arena. Spectators are not allowed on the Commencement floor for any purpose, including photos. Only professional photographers hired by the university with proper credentials are permitted to photograph the ceremony from floor level. Students are asked to remain seated for the duration of the ceremony. 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 Alfond Arena, where University Volunteer Ambulance Corps personnel will be available to assist attendees. Entrance to the drop-off area will be the same as the Reserved SkyBox Parking Area. The entry point will be plainly marked from College Avenue at Tunk Road, behind Alfond Stadium.

\$1 million corporate gift pledged for UMaine engineering building

02 May 2018

Packaging Corporation of America has pledged a \$1 million gift to help construct the University of Maine Engineering Education and Design Center, according to UMaine Pulp & Paper Foundation President Carrie Enos. PCA is one of the largest producers of containerboard and corrugated packaging products in the U.S., and a corporate member of UMPPF. Headquartered in Lake Forest, Illinois, PCA recruits UMPPF students for co-op opportunities and full-time employment for its mills nationwide. “The University of Maine is very grateful that the corporate members of the Pulp & Paper Foundation are active partners in our mission,” says UMaine President Susan J. Hunter. “For decades, foundation members have generously supported the programming that makes our students so competitive after graduation. This gift from PCA will help us recruit and develop the next generation of industry-leading engineers.” [caption id="attachment_60561" align="aligncenter" width="700"]



Left to right, University of Maine Foundation President Jeffery Mills, UMaine President Susan J. Hunter, UMaine College of Engineering Dean Dana Humphrey and UMaine Pulp & Paper Foundation President Carrie Enos[/caption] In April, Packaging Corporation of America Chairman and CEO Mark Kowlzan and 330 other paper industry executives from 19 states, Mexico and Canada were on campus for the annual Paper Days conference, sponsored by the UMaine Pulp & Paper Foundation. The nonprofit foundation, the nation’s oldest of its kind, furthers the study and promotion of pulp and paper, and related subjects at UMaine, and encourages students to consider paper-related technical careers. UMPPF offers scholarships for approximately 90 students annually, and introduces high school juniors to engineering careers through its annual Consider Engineering summer camp. Consider Engineering alumni include UMaine’s 2018 valedictorian Graham Van Goffrier and salutatorian Brianna DeGone. “UMaine engineering graduates are second to none, and the UMaine Pulp & Paper Foundation sets the benchmark for promoting collaboration between the university

and industry. That is why PCA is investing in the University of Maine,” says Kowlzan. The \$1 million corporate gift for the center announced on the Maine Day of Giving brings the Vision for Tomorrow comprehensive campaign to over \$155 million of the \$200 million goal, says University of Maine Foundation President Jeffery Mills. Members of the College of Engineering Dean’s Advisory Board, alumni, friends and corporate donors have collectively contributed \$12 million in gifts and pledges toward the construction of the engineering center to date. Up to \$15 million remains to be raised toward construction of the Engineering Education and Design Center, proposed to cost up to \$80 million. Groundbreaking for the facility is anticipated in 2020, with completion in 2022. “We are truly grateful to Packaging Corporation of America and the members of the UMaine Pulp & Paper Foundation, who are generously investing in our students, programs and facilities,” says College of Engineering Dean Dana Humphrey. “Members of the UMPPF have worked very hard to develop close relationships between the university and paper industry leaders in Maine and around the world. We are thrilled that it can benefit our students in this way,” says Enos. Visit mainepulpaper.org to learn more about the UMaine Pulp & Paper Foundation. Contact: Margaret Nagle, 207.581.3745

UMaine Extension publications offer tips on fiddlehead harvesting, spring gardening, pest management

02 May 2018

The University of Maine Cooperative Extension offers information and recommendations on a variety of springtime activities. Resources aim to educate readers about picking and eating fiddleheads, pruning trees and shrubs, starting seeds at home, and protecting yourself from insects and Lyme disease. Visit the UMaine Cooperative Extension [Publications Catalog](#) for bulletins including:

- [Starting Seeds at Home](#)
- [Growing Vegetables in Container Gardens](#)
- [Facts on Fiddleheads](#)
- [Facts on Edible Wild Greens in Maine](#)
- [Growing Rhubarb in Maine](#)
- [Growing Strawberries](#)
- [Growing Fruit Trees in Maine](#)
- [Raspberry and Blackberry Varieties for Maine](#)
- [Propagation of Plants by Grafting and Budding](#)
- [Planting and Early Care of Fruit Trees](#)
- [Designing Your Landscape for Maine](#)
- [Pruning Forsythias in Maine](#)
- [Japanese Beetle](#)
- [Ticks](#)
- [Lyme Disease](#)
- [Insect Repellents](#)
- [Mosquito Management](#)

Price lists are [online](#).

Presenters needed for annual 4-H@UMaine

02 May 2018

The annual 4-H@UMaine: Connecting Kids to Campus will be held May 18–19 at the University of Maine. Designed to build college and career aspirations for middle and early high school youth, the event last year attracted 75 middle and high school students. Participation by UMaine faculty, students and staff is key to the success of 4-H@UMaine, created to encourage Maine youth to look ahead to college, preferably at UMaine. The program includes three 75-minute workshop sessions on May 19. Presenters choosing to deliver one, two or three sessions have the opportunity to engage middle and high school students, pilot new materials, encourage undergraduate and graduate students to create and deliver educational experiences related to their fields of study, and meet departmental outreach goals. For participants, it is an opportunity to engage in hands-on-learning, and to visualize themselves as future UMaine students. For more

information, contact Laura Wilson at 581.2971, laura.wilson@maine.edu.

BDN interviews Garland about how to save gardens when life gets hectic

02 May 2018

The [Bangor Daily News](#) spoke with Kate Garland, a horticulturist with the University of Maine Cooperative Extension, for the article, “How to keep your garden from falling to weeds when life gets busy.” Sometimes people take a break from their gardens when their life gets hectic, according to the article. “Ungardening comes up for so many reasons,” Garland said. “Eventually, people do want to get back to it. And if you can know your soil is OK and is not going to be overrun with weeds, it’s better.” Garland mentioned several steps to take to protect garden soil when life gets busy, including mulching, solarizing, strategically planting cover crops and mowing along the margins of the garden. “You can keep the space,” Garland said. “Your garden can still be really productive, even while it’s resting.”

Z107.3 previews Maine Day of Giving

02 May 2018

[Z107.3](#) advanced the University of Maine’s Maine Day of Giving. May 2 is Maine Day, a day filled with community service at UMaine, as well as the Maine Day of Giving, where the university fundraises money for many causes campuswide, according to the report. Students and alumni are encouraged to spread the word to ask others to support a department or program that is important to them, the report states. Contributions can be made [online](#).

Erich quoted in BDN article on World Naked Gardening Day

02 May 2018

Susan Erich, a professor of plant, soil, and environmental sciences at the University of Maine, spoke with the [Bangor Daily News](#) for the article, “Celebrating World Naked Gardening Day could be good for your health.” Exposure to dirt — and all the bacteria, germs and other microscopic life within it — can be beneficial to humans, according to Erich. “The human immune system is stronger when it gets exposed to different critters,” said Erich. “We’re learning more and more about the microbial life that’s living within us. Our digestive tract has a whole suite of microorganisms. They’re really an important part of human health. We’re just starting to learn about that.” Humans evolved in close proximity to animals and to dirt, and so our more modern approach to cleanliness may actually be harmful to people’s health, the article states. “We have more allergy problems, more asthma problems in our children, possibly because we’re too clean,” Erich said. “The idea is that there’s a lot of microbial life in the soil, that we evolved in pretty close contact with it and don’t necessarily have to obliterate that life. It’s great to play in the soil.” Erich, who directs the Maine Soil Testing Service on campus, suggests doing some homework first to make sure your patch of dirt is safe to get naked in on May 5. “Make sure the soil you’re naked in isn’t contaminated with lead or anything else,” she said. “And then have a great time.”

Hargest offers springtime gardening advice on Maine Public’s ‘Maine Calling’

02 May 2018

Pamela Hargest, a horticulture professional with the University of Maine Cooperative Extension, was a recent guest on [Maine Public](#)’s “Maine Calling” radio show. The show focused on springtime gardening, and Hargest offered advice on how best to make a home garden grow.

Habitat for Humanity dedicates home renovated by UMaine students, media report

02 May 2018

[News Center Maine](#), [WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported on the dedication of a home by Habitat for Humanity of Greater Bangor to an Old Town woman and her family. The home was renovated over the past year.

Among the volunteers on the project were construction engineering technology students from the University of Maine and Eastern Maine Community College, according to WVII. Much of the structure was built from scratch, thanks in part to the UMaine students, WABI reported.

Maine Public airs Patricia Wen's King Chair Lecture on 'Speaking in Maine'

02 May 2018

[Maine Public](#) aired the University of Maine Stephen E. King Chair Lecture featuring Patricia Wen as part of its "Speaking in Maine" program. The editor of the Boston Globe Spotlight Team spoke on "Getting It Right: Investigative Journalism in a 'Post-Truth' Age."

Press Herald interviews Fuller about growing, harvesting fiddleheads

02 May 2018

The [Portland Press Herald](#) spoke with David Fuller, a fiddlehead expert and agricultural and nontimber forest products professional with the University of Maine Cooperative Extension, for an article about some Maine residents choosing to grow their own fiddleheads instead of harvesting them in the wild. The first coiled fronds should start poking up through the ground this weekend in southern Maine, Fuller said. But where there are wild fiddleheads, foragers follow, and entire patches can be picked clean in no time, according to the article. Fuller suggests that if more people grew their own, it would take some of the pressure off the wild harvest. A home garden patch of 10 plants could supply a family with two or three fiddlehead meals in the spring, which is probably enough for most people, Fuller said, since they're not something you eat every day. "It's a special treat, like brook trout," he said. "When the weather's right, they can grow several inches in a day, and they'll go by before you know it," Fuller said. "If you have them out in your yard, you can pick them when they're ready."

BuzzFeed News quotes Sorg in report on rise in cocaine, fentanyl deaths

02 May 2018

[BuzzFeed News](#) quoted Marcella Sorg, an anthropologist and research professor with the Margaret Chase Smith Policy Center at the University of Maine, in the report, "Cocaine deaths are rising at an alarming rate, and it's because of fentanyl." Deaths from cocaine, after holding steady for many years, increased 52 percent between 2015 and 2016, according to the Centers for Disease Control and Prevention. Although researchers don't fully understand why cocaine overdoses are spiking, they know that one of the biggest drivers is fentanyl, a synthetic opioid, the article states. "People are putting them together — on purpose," said Sorg, who directs the policy center's Rural Drug and Alcohol Research Program. "I think this is an end-user phenomenon in Maine, anyway."

Students, MMMC to host performance, forum about diversity, immigration

03 May 2018

Communication and journalism students from the University of Maine, together with the [Maine Multicultural Center](#), will host a free, public performance and community conversation about diversity and immigration in Maine. "Performing ME, Performing US," will be held at 11 a.m. May 7 in UMaine's Black Box Theatre. Students, with the assistance of the MMMC, conducted in-depth story-sharing sessions with new Mainers from various walks of life. "Performing ME, Performing US" is based on students' experiences and stories they heard. Following the performance, a dialogue with the audience will be held to promote cross-cultural understanding and connection. UMaine students in the "Narrative, Performance, and Social Change" course appreciated the chance to understand the topics in a relatable way. "It has been a unique and enriching opportunity to learn about the stories of people who are vital to the vibrancy and economic success of our area and whose voices all too often remain unnoticed," says Shea Costin, a senior communication major. "It is very challenging to have to tell someone else's story, especially because we may be so different, but the experience has taught me about the importance of listening deeply," student Micah Wright adds. The MMMC, which connected students with area immigrants and helped to organize the event, began serving the Bangor

area in 2017. The center seeks to enliven Bangor's economic and cultural development "by eliminating barriers to local services, by fostering social networks and connections, and by providing programs that promote cross-cultural competencies within our schools, religious and community organizations, municipal offices and neighborhoods." To learn more about "Performing ME, Performing US," email Lily Herakova at liliana.herakova@maine.edu or visit the [Facebook event page](#).

VillageSoup previews Camden presentation on Maine's changing climate

03 May 2018

[VillageSoup](#) advanced a presentation on the realities of Maine's changing climate set for 7 p.m. May 15 at the Camden Public Library. The presentation will be led by Esperanza Stancioff, a University of Maine Cooperative Extension and Maine Sea Grant climate change educator, and Ivan Fernandez, a professor of soil science and forest resources at UMaine. The presentation will focus on how changes in weather patterns are altering the lives of Maine people today and will continue to do so in the future. The speakers will share information from a recent assessment of Maine's climate future, insights on how these changes influence various sectors of Maine's economy and the lives of Maine residents, and how we can take steps to shape the best future outcomes for ourselves and the generations to come, according to the article.

Food insecurity addressed at Farmington summit, Sun Journal reports

03 May 2018

The [Sun Journal](#) published a Livermore Falls Advertiser article on the second annual Greater Franklin Food Summit in Farmington. The event identified bright spots, challenges and opportunities facing the region's food system, according to the article. David Fuller, an agricultural and nontimber forest products professional with the University of Maine Cooperative Extension, defined a food system as an interconnected set of biological, technological, economic and social activities essential to survival. Keynote speaker Lynne Holland, a UMaine Extension community education assistant in Androscoggin and Sagadahoc counties, said food insecurity is an issue for everybody, not just the poor, and more people need to be engaged in the effort to combat it. "Maine is first in New England in food insecurity, seventh in the nation. One in five children go to bed hungry in Maine. 159,000 Maine seniors, or five times the population of Franklin County, experience food insecurity," Holland said. "Food and nutrition aren't the same. Lack of food, limited choices, distance to stores, transportation, limited programs for at-risk populations and a lack of education impact healthy eating habits at all levels of the population."

News Center Maine interviews Maasch, Elias about tick season

03 May 2018

[News Center Maine](#) spoke with Kirk Maasch, a professor in the School of Earth and Climate Sciences and the Climate Change Institute at the University of Maine, and Susan Elias, a UMaine Ph.D. candidate and vector-borne disease ecologist, for a report about the start of Maine's tick season. Experts say changes in the environment are making the state a more hospitable home for ticks, according to the report. "We have seen a substantial expansion of the tick in the state," Elias said. Maasch explained there are certain conditions in the winter that determine whether a tick can survive during various stages of its life cycle. In the summer there also are thresholds, mainly humidity, Maasch said.

Media report on Maine Day service projects, meal pack-out, head shaving

03 May 2018

[WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported on the many service projects and activities members of the University of Maine community took part in on Maine Day, the annual campuswide spring cleanup tradition. "Maine Day is our traditional day of service. A bunch of groups get together to help spruce up UMaine, help make the campus look better, we get together to help out the community in any ways that we can find," Emma Hutchinson of the Honors

College Student Advisory Board told WABI. Among the volunteer projects was the Maine Day Meal Pack-out. More than 250 volunteers who participated in the student-led event packed 100,000 meals for local food pantries, WABI reported. “Not only are we supporting our community here on campus, but we’re also supporting the community in Old Town, Orono and the rest of Maine, too,” student organizer Stephanie Poirier told [WVU](#) (Channel 7). [News Center Maine](#) and [WVU](#) (Channel 7) also reported on the St. Baldrick’s head-shaving event hosted by UMaine Circle K during the Maine Day Barbecue to raise funds for childhood cancer research. More than 30 people signed up to have their heads shaved, and the event raised more than \$10,000, News Center Maine reported.

BDN interviews doctoral candidate about sweetgrass harvesting research

03 May 2018

The [Bangor Daily News](#) spoke with Suzanne Greenlaw, a doctoral candidate in the School of Forest Resources at the University of Maine, for the article, “Traditional sweetgrass harvest may return to Acadia National Park.” Sweetgrass is used for baskets, ceremonies and more, and is an important part of the cultural heritage of members of the Penobscot nation and the Passamaquoddy, Maliseet and Micmac tribes in Maine, according to the article. Wabanaki basket making continues as an art form, but harvesting sweetgrass isn’t as simple as it used to be. Gatherers often have to drive long distances to find it and when they do, accessing it is not guaranteed, the article states. “The majority of the older gatherers have stories of going to patches they had long gone to and being denied access, and even being threatened with guns or dogs,” Greenlaw said. Greenlaw is working on research she hopes will allow people to harvest sweetgrass in Bass Harbor Marsh within Acadia National Park. Last summer, gatherers harvested sweetgrass in test plots in the marsh. This year, Greenlaw and a research biologist with the United States Forest Service will see how the grasses are coming back in the plots. Wabanaki people believe that harvesting is not detrimental to sweetgrass, and the scientific research done so far seems to support the claim, the BDN reported.

UMaine receives \$1M pledge for engineering building, media report

03 May 2018

The Associated Press and [Portland Press Herald](#) reported an Illinois packaging company has pledged \$1 million to help build a new engineering center for the University of Maine. Packaging Corporation of America, one of the largest makers of packaging products in the country, made the pledge to encourage students to consider paper-related technical careers, according to the AP. The Press Herald reported up to \$15 million remains to be raised toward construction of the Engineering Education and Design Center, proposed to cost up to \$80 million. “This gift from PCA will help us recruit and develop the next generation of industry-leading engineers,” said UMaine President Susan Hunter. [U.S. News & World Report](#), [Bangor Daily News](#), Greenwich Time, The Sacramento Bee and [Seacoastonline](#) carried the AP article.

Innovation Engineering Inform Session May 17

04 May 2018

Learn what Innovation Engineering at the University of Maine can do for faculty and students at a free inform session 9:30 a.m.–noon, May 17 at the Foster Center for Student Innovation. Innovation Engineering is designed to help people think about and implement projects faster and more efficiently. Concepts covered include problem solving, idea creation, communication and validation of ideas. Participants can learn how to use these skills in teaching, research, advising and everyday life. RSVP at 581.1454 or [online](#).

Ellsworth American previews UMaine Extension business planning workshops

04 May 2018

[The Ellsworth American](#) reported the University of Maine Cooperative Extension will offer free business planning workshops in Ellsworth. All of the workshops will run from 9 a.m. to noon and will be held at the Extension office. The schedule includes “Pricing Your Products and Services” on May 14, “Staying Safe: Protecting Your Small Business from Cyber Threats” on May 25, and “Empower Business Decision-Making With Market Research” on June 1. An

optional individual consultation session will be offered July 2, according to the article. Registration is required by contacting 667.8212, 800.287.1479 or joyce.fortier@maine.edu.

Dill speaks with BDN about protection against ticks

04 May 2018

Griffin Dill, an integrated pest management specialist with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for the article, “How to keep ticks out of your yard and off your body.” Options for controlling ticks include spraying synthetic pesticides, dousing areas with natural plant-based repellents, erecting fences to keep out animals that carry ticks and removing tick-friendly habitat, such as tall grasses and leaf litter, according to the article. “Many people are averse to using pesticides,” Dill said. “All I can really tell people is you have to weigh the risks of tick-borne diseases versus the risk of pesticides. That’s really a personal decision.” Dill said the most commonly used synthetic chemical in anti-tick pesticides is bifenthrin. “[Pesticides] are certainly an effective aspect of a tick management program, but they’re not a silver bullet,” he said. “They won’t eliminate the tick population around a home.” Another method of tick management people have tested out in Maine is keeping free-range chickens and other domesticated fowl, which eat ticks and other lawn pests, the article states. “The jury is kind of out on chickens and guinea fowl,” Dill said. “If it’s a decent-sized yard and you have just a few chickens free ranging, I’d say the chance of them playing a significant role [in managing ticks] is pretty slim.” [WGME](#) (Channel 13 in Portland) also published the BDN article.

UMaine’s 216th Commencement is May 12

04 May 2018

More than 1,650 students, including 34 doctoral degree candidates, are expected to participate in the University of Maine’s [216th Commencement](#) on May 12 in Harold Alfond Sports Arena on campus. UMaine Commencement will be held in two ceremonies, beginning at 9:30 a.m. and 2:30 p.m. Both ceremonies are ticketed events and [live streaming](#) will be available. [Tips for attending](#) Commencement, provided by the UMaine Police Department, are online. In the morning ceremony will be students in the College of Liberal Arts and Sciences, the College of Education and Human Development, the Maine Business School and the Division of Lifelong Learning. The afternoon ceremony is for students in the College of Engineering and the College of Natural Sciences, Forestry, and Agriculture. At both ceremonies, Sen. Susan Collins will give the Commencement address. This year’s honorary degree recipient is women’s rights advocate and former Maine lawmaker Mary Cathcart. The 2018 [valedictorian](#) is Graham Van Goffrier of Norwell, Massachusetts and the [salutatorian](#) is Brianna DeGone of Turner, Maine. Van Goffrier will receive a bachelor’s degree in physics, with minors in electrical engineering, mathematics and nanotechnology, and a master’s degree in electrical engineering — both earned during his four years at UMaine. DeGone, who also is the Outstanding Graduating Student in the College of Engineering, will receive a bachelor’s degree in bioengineering, with a minor in business administration. UMaine’s top annual faculty award winners for 2018 also will be honored during Commencement. This year’s [Distinguished Maine Professor](#) is Frank Drummond, an internationally recognized entomologist whose decades of research on insect pests, bees and reproductive biology of the blueberry plant have contributed to the growth of Maine wild blueberry production. Yong Chen, professor of fisheries population dynamics, is the 2018 Presidential Research and Creative Achievement Award. Senthil Vel, the Arthur O. Willey Professor of Mechanical Engineering, is the 2018 Presidential Outstanding Teaching Award. Ivan Fernandez, professor of soil sciences and forest resources, is the 2018 Presidential Public Service Achievement Award. The three [Presidential Awards](#) will be presented at the President’s Faculty Recognition Luncheon May 12. On May 11, 10 cadets will be commissioned in an Army ROTC ceremony at 11 a.m. in Minsky Recital Hall. At 6 p.m., May 12, the Navy and Marine ROTC commissioning ceremony will be held in Minsky. At the Graduate Commencement Ceremony, also on May 11, degrees to more than 255 master’s and Certificate of Advanced Studies candidates will be awarded at 3 p.m. in Alfond Area. The Pinning Ceremony for the School of Nursing begins at 7 p.m. in the Collins Center for the Arts. Contact: Margaret Nagle, 207.581.3745

UMaine and Penobscot Nation to sign MOU focused on managing tribe’s cultural heritage

04 May 2018

The University of Maine and the Penobscot Nation will sign a Memorandum of Understanding (MOU) May 10, formalizing their collaborations in the past decade to help manage the tribe's cultural heritage. University of Maine President Susan J. Hunter and Penobscot Nation Chief Kirk Francis are among the leaders expected to attend the ceremony that begins at 3:30 p.m. in the Hudson Museum. Chief Francis identifies the context for the agreement, noting that "nothing is more important to the Penobscot Nation than protecting our cultural traditions. This agreement shows that we have a strong partner that understands this fact and wants to work with us, as equal partners, in our efforts." "This is an agreement built on long-standing mutual respect and recognition of the value of collaboration between the state's flagship research university and the Penobscot Nation," says Hunter. "This relationship has far-reaching benefits for our communities and this state, today and into the future. We appreciate the opportunity to further strengthen this partnership and look forward to its potential." The MOU focuses on five UMaine areas, in keeping with "a new model of collaboration with universities that hold and care for collections considered important and vital to the present and future cultural life of the Penobscot Nation." The Penobscot Nation will help integrate the tribe's perspectives into UMaine research processes and collections that involve Penobscot people and their heritage. UMaine will work to begin implementing the new Penobscot Traditional Knowledge (TK) Labels to aid in the respectful and appropriate use of cultural materials. In the Anthropology Department, which holds collections of Penobscot archaeological heritage, a collaborative cataloging process and management policy will be initiated. And regarding the University of Maine Press, which has developed a mutually beneficial relationship in the publication of Penobscot cultural materials, the nation will hold the copyright when it is the author of a publication. In addition, the Penobscot Tribal Rights and Resources Protection Board will be consulted when manuscripts related to the nation's cultural heritage are being prepared for publication. The agreement also addresses the care and management of Penobscot collections and cultural heritage items held at the Hudson Museum and Special Collections of Raymond H. Fogler Library. Under the MOU, the Hudson Museum advisory boards would each include a permanent Wabanaki seat, and collaboration would continue related to the documentation, cataloging and digital sharing of Penobscot collections and items of cultural heritage. Among the Hudson Museum's holdings are over 900 examples of the material culture of Maine's Maliseet, Micmac, Passamaquoddy and Penobscot peoples, and hundreds of historic images. The assemblage includes brown ash splint and sweetgrass basketry dating from 1850 to the present along with an important collection of basket making tools and molds, birchbark containers and implements, root clubs, crooked knives, snowshoes, beadwork and three full-size canoes. More than 400 of the objects in the collection are Penobscot. Special Collections is home to significant collections relating to the history of the Penobscot tribe, including the papers of Nicholas Smith and Fannie Hardy Eckstorm, as well as the Molly Spotted Elk Collection. The MOU creates a new relationship for the Penobscot Nation to work with Fogler Library to produce guidelines for permissions to use and circulate the tribe's cultural materials, and to implement use of Penobscot Traditional Knowledge (TK) Labels. The Penobscot Nation also would have online access to the library's research databases for relevant collections. The agreement begins by acknowledging that the University of Maine is located on Marsh Island, part of the traditional territory of the Penobscot Nation. Last November as part of Native American Heritage Month, UMaine held a Penobscot Nation flag raising ceremony on campus. The event honored the contributions and accomplishments of indigenous staff, faculty and students in the campus community. It also celebrated the diverse heritage of indigenous students while recognizing that the campus is located on the land and waterways of the Penobscot Nation, according to event organizers. "The MOU demonstrates that the University of Maine is an international leader in collaborating with indigenous peoples," says Darren Ranco, UMaine associate professor of anthropology, chair of Native American Programs and faculty fellow at the Mitchell Center for Sustainability Solutions. "Only a small number of universities in North America have made similar commitments to work directly with a tribal nation to protect its cultural heritage." Contact: Margaret Nagle, 207.581.3745

GoFundMe account to benefit employee awaiting heart transplant

07 May 2018

Lynn Hathaway, a 17-year employee of the University of Maine System, was recently admitted to Brigham and Women's Hospital in Boston and is waiting for a heart transplant. Hathaway battled breast cancer in 2012, and underwent chemotherapy treatment. Although in remission from breast cancer, the chemotherapy caused her to have cardiomyopathy, along with congestive heart failure. This has caused frequent trips to the hospital for fluid building around her lungs and heart. Hathaway's heart is now operating at 10 percent. The family has set up a [GoFundMe](#) account to help defray medical expenses. Hathaway has worked for a variety of departments, including the University of Maine System Office, Facilities Management, and the Electrical and Computer Engineering Department.

Sun Journal reports on Maine National History Day winners

07 May 2018

The [Sun Journal](#) reported on Maine National History Day held at the University of Maine in April. More than 260 students from 30 middle and high schools showcased exhibits, papers, websites, documentaries and performances based on their original research. The 173 entries in the statewide contest are the most since the event began to be hosted at UMaine five years ago, according to the article. Awards were presented in several categories, and the top state winners are eligible to compete in the national contest in June. Maine National History Day is a partnership among the UMaine College of Liberal Arts and Sciences, College of Education and Human Development, and the Margaret Chase Smith Library, with support from the UMaine Humanities Center, Maine Humanities Council and the Maine Historical Society, the article states.

Hargest cited in Press Herald 'Maine Gardener' column on plant sales, moths

07 May 2018

Pamela Hargest, a horticulture professional with the University of Maine Cooperative Extension, was quoted in the latest column in the [Portland Press Herald](#) "Maine Gardener" series. In the article, "Plant sales no bargain if winter moth is part of the deal," the author warns the winter moth has been devastating hardwoods in several coastal Maine communities, and the cocoon for the caterpillars is buried in the soil from late May through November or December. Plants that are dug up in infested areas during those months could carry the problem with them, according to the article. One tip for reducing the possibility of spreading winter moths is for organizations holding plant sales to dig plants early, the article states. "We do most of our digging and planting before May 1," said Hargest, who helps coordinate the Cumberland County Master Gardeners' sale in Portland. "On any we dig after May 1, we have to wash the roots of the plants, and we try to avoid that because it's a lot of work." Hargest said the group emphasizes native and pollinator plants, but also has herbs, vegetable seedlings and flowering annuals. UMaine Extension also was cited in a related [Press Herald](#) article about how fear of spreading the winter moth has forced the South Portland Land Trust and the Community Garden Collective to scale back their spring plant sale. The organizing committee decided to cancel the garden-grown sale after consulting with pest, horticultural and other experts, including UMaine Extension, the article states.

WABI covers Spring Art Factory at UMMA

07 May 2018

[WABI](#) (Channel 5) reported on the annual Spring Art Factory held at the University of Maine Museum of Art in downtown Bangor. Families were invited to create their own paintings, prints and paper crafts, as well as view artwork on display in the gallery during the free event, WABI reported. Organizers said they were expecting a record number of visitors, and that the day is a great opportunity for young artists to explore. "I hope they not only make the art, but enter into the galleries and view some art. I know it's a pivotal point in a young artist's life to view some contemporary artwork and have a life-changing experience, and I hope that happens here today," said Kat Johnson, senior museum educator and marketing manager.

AP reports on MOU between UMaine, Penobscot Nation

07 May 2018

The Associated Press reported the University of Maine and Penobscot Nation will sign a Memorandum of Understanding (MOU) May 10, formalizing their collaborations in the past decade to help manage the tribe's cultural heritage. UMaine President Susan J. Hunter and Penobscot Nation Chief Kirk Francis will be among leaders planning to attend a ceremony at the Hudson Museum. The agreement will impact several facets of how the university handles tribal resources, the AP reported. The university's Anthropology Department, for example, holds collections of Penobscot

archaeological artifacts, and UMaine said it will begin a collaborative cataloging process with the tribe, according to the AP. The University of Maine Press also publishes Penobscot materials through a relationship with the tribe, and the university said the tribe will hold copyright when it's a publication's author, the report states. [U.S. News & World Report](#), [The Seattle Times](#) and [Bangor Daily News](#) carried the AP article.

UMaine to launch national search this month for next athletics director

08 May 2018

A national search for a University of Maine athletics director will begin this month. UMaine President Susan J. Hunter has appointed Dr. Robert Dana, UMaine vice president for student life and dean of students, chair of the search committee for the new permanent head of the state's only Division I program. The search committee will be made up of representatives from the Department of Athletics, UMaine faculty, staff and students, University of Maine Foundation, University of Maine Alumni Association, and community members. It will make its recommendation after July 1 to incoming President Joan Ferrini-Mundy, who joins the UMaine community at that time. Capt. James Settele has served as UMaine interim athletic director since March 12 after Karlton Creech was named vice chancellor for athletics, recreation and Ritchie Center Operations at the University of Denver. At the conclusion of his term as interim AD, Settele will return to his position as executive director of UMaine's School of Policy and International Affairs.

Tajvidi awarded \$250,000 to develop next-generation CNF floor, wall products

08 May 2018

Mehdi Tajvidi knows that big things can come in small packages. He works with cellulose nanofibrils (CNF) — the natural structural building units of wood that are 1/100,000th the width of a human hair. The University of Maine assistant professor of renewable nanomaterials describes CNF as magical. The renewable biodegradable material has superior properties, he says, including exceptional strength and ability to bond. Tajvidi has been awarded \$250,000 from P3Nano — a public-private partnership founded by the U.S. Endowment for Forestry and Communities and the U.S. Forest Service — to develop next-generation CNF building materials. He's advancing three — one of which is a scratch-, fire- and water-resistant flooring system made of CNF and cement. <https://youtu.be/GAmjuHVanec> [Read transcript](#) Tajvidi is collaborating with the Washington state-based company C3 (Ceramic Cement Corporation) to produce the eco-friendly, durable flooring product. C3, which produces high-end, fast-curing cement that sticks to wood, is contributing in-kind materials and expertise to the endeavor. Tajvidi also is developing and testing an alternative to traditional drywall made of plaster, other materials and additives. His version, which is made with CNF and wood particles, is lighter and a better insulator. Tajvidi plans to make the core fire resistant, as well. And thirdly, he's partnering with G-O Logic to create a lightweight interior wall covering system that's easy to mold into various shapes. G-O Logic is a Belfast, Maine firm that makes advanced building products for the high-performance construction market. FiberLean Technologies, a global producer of FiberLean products that combine CNF and minerals, has contributed \$10,000 cash and \$10,000 in-kind support toward implementation of the wall-covering product. UMaine researchers Douglas Gardner, Douglas Bousfield and Jinwu Wang are co-principal investigators on the project. While developing the new products, the team intends to use fire-resistance technology previously tested with support from the University of Maine System Research Reinvestment Fund (RRF). In June, Tajvidi and several students from UMaine's Laboratory of Renewable Nanomaterials will take samples and panels of products to the TAPPI Nano 2018 International Conference on Nanotechnology for Renewable Materials in Madison, Wisconsin. Three years ago, Tajvidi led a UMaine team that was awarded a \$350,000 grant by P3Nano to use CNF as an eco-friendly binder for strong particleboard panels. Urea-formaldehyde currently is used as binder and the U.S. Environmental Agency has classified formaldehyde as a probable human carcinogen. Tajvidi says the UMaine team has made significant strides with the project, including learning how to remove water from particleboard panels without using heat. Challenges remain, though. Some of the adhesion and dewatering mechanisms in the process are unknown. And while CNF products have considerable market promise, Tajvidi says techniques and methodology need to be optimized so mass production and commercialization of CNF products is economically feasible. Product commercialization that leads to jobs and improved forest health is an exciting, worthwhile goal, says Tajvidi, who also is a cooperating faculty member with the Advanced Structures and Composites Center. "Large-volume applications of cellulose nanomaterials such as these are unthinkable without having access to the unparalleled research facilities at the UMaine Composites Center, where most

of the scale-up effort will take place,” he says. Maine mills could be modified to handle production, says Tajvidi, who adds that he has numerous other ideas of how to utilize the magic of CNF in a variety of other products. Contact: Beth Staples, 207.581.3777

Transcript

Mehdi Tajvidi: Cellulose nanomaterials have been around for many years. Because they are produced in water, we need to dry them and then use them like other materials which are normally dry. The fact is drying nanocellulose is very difficult, very time consuming and it's really energy intensive. This is our nanocellulose. This has 97 percent water in it at this time. If you want to squeeze the water out using your hand, this is what you get. You can't. Now, I'm going to mix this nanocellulose with some wood particles. So now if I try to do the same thing, squeezing the water, this is what you get. See that? So just clear water comes out in your hand and this has very little nanocellulose to it. Normally, wood composites are made using a binder and that binder is normally a resin and that normally has formaldehyde in it. So, you might have heard about all formaldehyde emissions issues for wood composites. This technology uses wood as a binder agent for wood. So, basically there is no formaldehyde added here. This is one example of the University of Maine formaldehyde-free particle board, as you see. So, this is made by just combining wood particles with nanocellulose, removing the water mechanically so we are not using any heat in this stage, and then the final stage is a hot pressing that makes the panel. We have used the same idea to produce fiberboard panels that are used for like, kitchen cabinets. This is again a prototype basically this would be similar to drywall but this will be really light. The other product is a flooring system that takes the same idea. We are working with a company that produces a high-end cement product. Very nice material for flooring systems. These are basically made for wall coverings or wall sheathing. Maine has always been very proud of its paper and pulp industry but unfortunately that industry is not really doing well. There is a lot of wood material here available to be used but there is not much market for it. If you replace about 10 percent of the weight of the particle boards that are produced every year in North America with nanocellulose, you're talking about a potential market of about 400,000 tons of dry nanocellulose every year. So, it's a huge market. We are basically turning the low value-added material into a high value-added material now that can help the forest products industry in Maine and elsewhere and also it has many environmental benefits. [Back to post](#)

Grant, Springuel to present at National Working Waterfronts and Waterways Symposium

08 May 2018

Maine Sea Grant marine Extension professionals Kristen Grant and Natalie Springuel will present at the fifth [National Working Waterfronts and Waterways Symposium](#) in Grand Rapids, Michigan, May 14–17. Grant will present on her sabbatical research on community engagement in planning for coastal flooding. Springuel is part of a team documenting the National Working Waterfront Network's success stories. Across the U.S. coastal and Great Lakes coastlines, waterfronts are culturally and economically important areas at the intersection of land and water. Maine Sea Grant has been at the forefront of state and national working waterfront preservation efforts and is a founding member of the National Working Waterfront Network and the symposium.

Without Borders Festival, thesis exhibition to open at Lord Hall Gallery

08 May 2018

The 15th annual Without Borders Festival and thesis exhibition, titled “Between You and Me” and showcasing the work of University of Maine intermedia MFA candidates, will come to Lord Hall Gallery May 17–June 30. An opening reception will take place at 6 p.m. May 17 and will be followed by a performance in the APPE Space of the IMRC Center at 8 p.m. Through an array of media and methods, the works in the exhibition explore themes of interpersonal mediation, including identity, sexuality, spirituality and communication. The artists whose works will be exhibited are [Alicia Champlin](#), Kate Dawson, [Eleanor Kipping](#) and [Wade Warman](#). More information is on the festival's website.

Dill discusses ways to minimize tick exposure on WABI

08 May 2018

Griffin Dill, an integrated pest management specialist with the University of Maine Cooperative Extension, spoke with [WABI](#) (Channel 5) about preventative measures to take against ticks. Dill said the number of ticks is increasing throughout the Northeast and the winter most likely didn't kill many of the pests. "The cold winter we had for that spell probably has little to no effect on tick numbers," he said. "Ticks spend their winter under the snow at ground level kind of intermixed with the leaf litter. So they have a couple of insulating layers." Experts recommend avoiding heavy brush, tall grass and shaded areas, WABI reported. "At the very least, wear some long clothing, insect repellent, things like that to really minimize the risk of encountering ticks," Dill said. He added that just because ticks are around, it doesn't mean Maine residents should stop doing outdoor activities they enjoy. "We just want them to kind of take some simple precautions and be aware of their surroundings," he said.

Glover quoted in Morning Sentinel article on Waterville mayor recall

08 May 2018

Robert Glover, an associate professor of honors and political science at the University of Maine, spoke with the [Morning Sentinel](#) about Waterville Mayor Nick Isgro questioning the integrity of an effort to oust him from office. Isgro posted the names and photos of several circulators of the recall petition on his personal Facebook page, raising questions about outside involvement as critics pointed to the posts as examples of intimidation, the article states. The petition was started after outrage over a tweet Isgro made on his Twitter account telling the survivor of a Florida school shooting to "Eat it," according to the article. "There's a lot of outrage right now," Glover said. "There are a lot of people energized and active in politics that might not have previously been. They're kind of hyperactive. A lot of these things end up on social media and then they kind of explode." Like in Waterville, some conservatives across the country have expressed skepticism about the survivors of the Parkland, Florida, school shooting that in several cases has translated to a "dangerous political strategy that can blow up," Glover said.

UMM student overcomes tragedy, wins national scholarship, Press Herald reports

08 May 2018

The [Portland Press Herald](#) reported a University of Maine at Machias junior has received a national scholarship after showing academic and personal resilience following the heroin overdose deaths of several family members. Ponuwon Wocuhsis Brodeur, who is studying psychology and community studies, is one of 50 people nationwide to win a Udall Scholarship, according to the article. The scholars are selected for their leadership, public service, and commitment to issues related to Native American nations or to the environment. Brodeur, 35, was a part-time student last fall when several members of her family died. She maintained straight As throughout the tragedies and upheaval, and decided to enroll full time in the spring, the article states. "I looked at my life and said, 'If I can get through all that, I can be a full-time student so I can graduate faster and start making an impact sooner,'" she told school officials. "The essay I wrote for the Udall was about using all this tragedy as an inspiration instead of allowing it to defeat me. My dream is to build a Wabanaki crisis response system. I want to honor the people I've lost in this way."

Media cover students' performance on diversity, immigration

08 May 2018

[WABI](#) (Channel 5) and [News Center Maine](#) reported on a public performance and community conversation about diversity and immigration hosted by University of Maine communication and journalism students and the Maine Multicultural Center. For "Performing ME, Performing US," students, with the assistance of the MMMC, conducted in-depth story-sharing sessions with new Mainers from various walks of life. The performance focused on the struggles the immigrants have faced moving to Maine as well as the happiness they have found. Many of the interviewees were there to see the performance, WABI reported. "You're looking these people in the eye and you're telling them or retelling them their story again, along with other people and trying to make sure that you're doing it as well as you can," UMaine student Kiana Plumer told WABI. "It was a rewarding experience and it definitely just opened my mind and hopefully was able to open the mind of the audience as well." Carmen Garcia, an immigrant from Puerto Rico who was

interviewed for the project, was in the audience. “It touched my heart in so many ways. They spoke for us and they know how we feel,” she said.

University of Maine at Machias student overcomes tragedies, wins national scholarship

08 May 2018



[caption id="attachment_60672" align="alignright" width="223"] Ponuwon Wocuhsis Brodeur[/caption] Ponuwon Wocuhsis Brodeur, a junior at the University of Maine at Machias, is turning tragedy into action. During the fall 2017 semester, four members of her family died of drug and mental health-related issues. Her response? Work harder. Now, a national foundation has taken notice. The 35-year-old junior is one of 50 people nationwide to be awarded a prestigious [Udall Scholarship](#). She is the only Udall Scholar in Maine this year, chosen from the 437 students nominated. A member of the Passamaquoddy Tribe, Brodeur is enrolled in UMM’s Psychology and Community Studies Program. This past January, she changed her enrollment status from part-time to full-time as a personal response to multiple family tragedies that inspired her to graduate more quickly. In the fall 2017 semester, Brodeur lost two sisters and a cousin to heroin overdoses, and another cousin to suicide. In addition, she lost an uncle to illness in the same time period. Also in January, she and her three children left a relationship and moved into her brother’s house, essentially leaving her homeless and unemployed. Across all of these events, Brodeur maintained straight A’s. “The essay I wrote for the Udall was about using all this tragedy as an inspiration instead of allowing it to defeat me,” she says. “My dream is to build a Wabanki crisis response system. I want to honor the people I’ve lost in this way.” Udall Scholarships are awarded to undergraduate students seeking careers in three areas: environment, Native American health care, and tribal public policy. Thirty-four students were nominated in the Native American Health Care category, and six were awarded scholarships. The award includes \$7,000 toward each student’s senior year and participation in a multi-day event in Arizona this summer other scholars and program alumni to learn more about Udall’s legacy of public service. Scholars will also have an opportunity to interact with national leaders in their respective fields.

University of Maine at Machias to hold 107th Commencement

08 May 2018

The University of Maine at Machias will hold its 107th Commencement Ceremony at 2 p.m. May 13 in the Reynolds Center gymnasium. One hundred and three students will graduate with degrees or program certificates. The commencement speaker and honorary degree recipient will be Allagash, Maine native Cathie Pelletier, an award-winning novelist and songwriter. She graduated from the University of Maine at Fort Kent with a bachelor’s degree and moved to Nashville to pursue a songwriting career. Two of her novels were made into films, and two have been optioned. She also has co-written books with notable celebrities such as country music icon Tanya Tucker; Grand Ole Opry legend Skeeter Davis; and legendary fiddler-singer Doug Kershaw. Several of Pelletier’s songs have been

recorded by singers and she has collaborated on songs with numerous Nashville songwriters. She served as a writer-in-residence at UMM in spring 2014. In addition to the honorary degree recipient and graduates, other honorees at Commencement will be: Susan Corbett, who will receive the UMM Distinguished Achievement Award; Charley Martin-Berry, the Distinguished Service Award; Heather Perry, the Distinguished Alumnus Award; and Kelsi Bean Thompson the Young Alumnus Award. Ryan Economy is this year's Ivy Orator. Corbett is the chief executive officer at Axiom Technologies, a provider of and advocate for fast, affordable and reliable broadband services for rural communities. In 2005, Corbett joined Axiom Technologies as chief financial officer. Under her leadership, the telecommunications company has designed and constructed more than 100 access points connecting more than 2,500 square miles in rural Maine. Most recently, Axiom Technologies was awarded a Microsoft grant to provide internet access to homes in Washington County using TV white space. Martin-Berry is director of the Community Caring Collaborative (CCC), an organization dedicated to nurturing collaboration in order to expand resources and opportunities that improve lives in Washington County. From 2008–12, she participated in CCC as a community partner, serving as the coordinator and lead teacher for Passages, a high school diploma program for young parents. She joined the CCC staff in 2012, becoming director in 2016. She has focused on the design, collaboration and funding efforts for Family Futures Downeast, a two-generation education and workforce opportunity for families in Washington County. Martin-Berry is a University of Maine alumna. Perry is superintendent of schools for the Gorham School Department. She received a master's degree in educational leadership from UMaine and a bachelor's degree in history from UMM. She is working on her doctorate in educational leadership at the University of Southern Maine. Perry chairs the Maine School Superintendents Association Statewide Funding Committee and Certification Committee, and serves as a member of its Executive Board. Bean Thompson holds a bachelor's in behavioral science from UMM, and an Associate of Applied Science in emergency medical services from Eastern Maine Community College. She will be graduating this spring as a Doctor of Osteopathic Medicine from the University of New England College of Osteopathic Medicine. Bean Thompson worked closely with public universities in Maine to create a statewide program to help support Maine students from diverse backgrounds in accomplishing their goals to become physicians. Bean Thompson has secured a residency position in internal medicine and plans to specialize in cardiology. Economy is UMM's 2018 Ivy Orator. Each spring, the senior class chooses a member to present at the Honors Convocation and Commencement. Economy graduated from Medomak Valley High School in 2014, and will receive a bachelor's degree in environmental recreation and tourism management, with a concentration in leisure programming and a minor in counseling.

Comins book nominated for literature award

08 May 2018

Columbia University Press nominated "The Traveler's Guide to Space" by University of Maine Professor of Physics and Astronomy Neil Comins for the Eugene M. Emme Astronautical Literature Award from the American Astronautical Society.

Social media spotlight: Christian Zwirner

08 May 2018

Hometown: Windham, Maine Christian Zwirner is a biochemistry major and Spanish minor. The former president of Lambda Chi Alpha fraternity will graduate in December 2018. The Senior Skull vice president's research in Rob Wheeler's lab focused on the fungus *Candida albicans*, which annually causes several thousand deaths due to hospital-acquired infection. He won the Frederick H. Radke Memorial Award, presented to the outstanding senior in biochemistry. "Growing up, I experienced a plethora of medical problems. Although they were hard to endure at times, these problems piqued my interest in why and how scientific processes worked within the human body. In June, I'll go with the Blue Crew on a medical mission to Ghana, then work as a medical scribe at Mid Coast Hospital, then I plan on attending medical school. UMaine is what you make of it. I've been part of the best organizations, met the best people and had the best opportunities. My work in the lab has helped me grow as a person and as a leader." See posts featuring Zwirner on UMaine's [Facebook](#) and [Instagram](#) pages.

Weber named dean of Graduate School of Business

09 May 2018



[caption id="attachment_60778" align="alignright" width="223"]

J. Michael

Weber[/caption] J. Michael Weber, a senior associate dean and professor of marketing at Mercer University, has been named dean of the new Graduate School of Business, effective July 1, 2018. The Graduate School of Business, part of the Maine Business School, will offer the MBA program in Orono and Portland and online, and will house all future graduate programs in business developed in the University of Maine System. The MBA will be the only graduate business program in Maine accredited by the Association to Advance Collegiate Schools of Business. Graduate School of Business faculty are Maine Business School faculty and University of Southern Maine business faculty with graduate appointments at UMaine. “Dr. Weber brings a depth of academic leadership, including international and domestic business consulting experience, to Maine and the new Graduate School of Business,” says Jeffrey Hecker, UMaine executive vice president for academic affairs and provost, to whom the deans of the Graduate School of Business and Undergraduate School of Business in Orono report. “As founding dean, Dr. Weber will work with the graduate business faculty to innovate curricula and pedagogy, and deliver options for the MBA program in order to meet the workforce needs of Maine and beyond,” Hecker says. Weber has a more than 20-year career in academia, with significant experience in graduate program development and growth. Since 2006, he has been a member of the Stetson School of Business and Economics at Mercer University. In 2012, Weber founded the school’s Center for Executive Education, which offers a portfolio of professional certificate programs. He also has held faculty positions at the University of West Florida, University of Miami, Barry University and Eastern New Mexico University. Weber’s research interests include innovation and entrepreneurship, financial services marketing, entrepreneurial branding, consumer behavior, and marketing in social media and tourism. He has published in a variety of journals, and has two decades of experience in business and marketing consulting to international and domestic firms, organizations and government institutions. He received an MBA from the University of West Florida and a Ph.D. in business from Louisiana State University. The Graduate School of Business was made possible as part of a \$7.5 million challenge grant from the Harold Alford Foundation to the University of Maine System in 2017 to support the Maine Center for Graduate Professional Studies. The Maine Center combines the MBA programs of UMaine and USM into the new Graduate School of Business. It also will bring the University of Maine School of Law and the University of Southern Maine’s Muskie School of Public Service graduate programs and Cutler Institute for Health and Social Policy together as a unique consortium to maximize cross discipline opportunities for students.

DMC to offer hands-on shellfish farming workshop in June

09 May 2018

The University of Maine Darling Marine Center in Walpole will offer an intensive, hands-on shellfish farming workshop June 25–29. The “Applied Methods in Shellfish Farming Workshop” is intended to familiarize participants with practical approaches to cultivate molluscs — including oysters, mussels, clams and scallops. Attendees will learn about hatchery methods and upweller and nursery systems, and will visit commercial oyster, mussel and clam farm

grow-out operations. An emphasis on identifying optimal aquaculture sites will include extensive use of instrumentation, GIS and field survey methods. Leasing, permitting and biosecurity regulations also will be covered. Instructor Chris Davis has been involved with oyster aquaculture for more than 30 years. The founding partner of Pemaquid Oyster Co. is executive director of the Maine Aquaculture Innovation Center and is a School of Marine Sciences adjunct faculty member. The five-day workshop costs \$550; room and board are available at the DMC for an additional fee. More information and registration materials are on the summer workshops section of the [DMC website](#). May 21 is the registration deadline.

UMM student fundraising for food security, Machias Valley News Observer reports

09 May 2018

[Machias Valley News Observer](#) reported on a University of Maine at Machias student who is raising funds for the Food Recovery Network. When her classmates march during Commencement on May 13, KwiNam Park will not be with them, according to the article. Instead, she will run her 20th marathon with the goal of raising money for food security in Down East, Maine, the article states.

Bartlett receives Common Good Award, Quoddy Tides reports

09 May 2018

Chris Bartlett, a marine extension associate with Maine Sea Grant at the University of Maine, recently received the Natural Resources Protector and Educator Award from The Commons in Eastport. The Common Good Awards recognize local residents who have made contributions to the quality of life in the community. Bartlett was one of five awardees at the annual ceremony, according to the [Quoddy Tides](#). Bartlett was applauded for his years of work teaching, as well as protecting natural resources, the article states.

Machias Valley News Observer advances UMM Commencement

09 May 2018

[Machias Valley News Observer](#) reported the University of Maine at Machias will hold its 107th Commencement ceremony at 2 p.m. May 13, in the Reynolds Center gymnasium. One hundred and three students will graduate with degrees or program certificates, according to the article.

UMaine to launch national search for next athletics director, BDN reports

09 May 2018

The [Bangor Daily News](#) reported a national search for a University of Maine athletics director will begin in May. UMaine President Susan J. Hunter has appointed Robert Dana, UMaine vice president for student life and dean of students, chair of the search committee for the new permanent head of the state's only Division I program. Dana said he is in the process of putting together a 12-member search committee along with Chris Lindstrom, the vice president of campus human resources at UMaine. Dana and Lindstrom will be the 13th and 14th members of the committee, according to the BDN. "We want a cutting-edge, world-class athletic director who gets the idea that athletics are a very important part of the University of Maine and of this community and is a really big thing for the state," Dana said. "I want them to understand the history of success we've had at UMaine and build upon that."

Media report on campus goat visit to relieve stress during finals

09 May 2018

The Associated Press, [Bangor Daily News](#), [WABI](#) (Channel 5) and [WMTW](#) (Channel 8 in Portland) reported on a recent visit by a herd of goats to the University of Maine campus. The goats were brought to campus to help students through the stress of finals, according to the AP. Students lined up to feed and pet the goats. "Goats are so popular. They

are viral. They're everywhere all over the internet," Brittney Smith, assistant director of student activities at UMaine, told WABI. "Mental health is obviously a huge topic on college campuses right now and so, we just think it's really important to have outlets for students to just enjoy, and we know that animals are the key to that." Abby Skolfield, who owns the goats, said people are naturally drawn to the animals. "Goats are a very charming animal. They are mischievous. They are fun. They're more like a dog than probably any other livestock, like sheep or pigs," she told WABI. "They are very intelligent, and you can't help but smile when you watch them play." [New York Post](#), [U.S. News & World Report](#), [Fox News](#), [Maine Public](#) and Minnesota's [Star Tribune](#) carried the AP report.

Study finds marine protected areas help coral reefs

09 May 2018

Reports in recent years that marine protected areas (MPAs) aren't effective in saving coral reefs from the damaging effects of global climate change have led some to argue that such expensive interventions are futile. But a study that spanned 700 kilometers of the eastern Caribbean reveals that MPAs can, indeed, help coral reefs. Robert Steneck, a professor of marine biology at the University of Maine, has spent much of his 40-year career studying coral reefs. He led the team that conducted research on the leeward islands of the Caribbean and discovered that local reef protection efforts can work — contradicting several previous studies. The research was partially funded by the National Geographic Society. <https://youtu.be/HIP-BXXbiw8> [Read transcript](#) Local fisheries management resulted in a 62 percent increase in the density of young corals, which improves the ecosystem's ability to recover from major impacts like hurricanes and coral bleaching, according to the team's findings, published in *Science Advances*, a journal of the American Association for the Advancement of Science. "MPAs can help coral reefs, but studies to the contrary just weren't measuring the right things at the right scales," says Steneck. "The idea behind MPAs is that, by reducing fishing pressure, you increase the number of seaweed-eating fish, and they decrease the amount of harmful seaweed, which makes it easier for baby corals to get started and thrive on the reef. But coral reefs are complicated, and lots of other things can affect fish numbers, their ability to control the growth of algae and the ability of corals to take advantage of this." Taking field measurements on coral reefs is time consuming, so many researchers are forced to take shortcuts and use simple, widely available data to analyze how reefs respond to protection, says study co-author professor Peter Mumby from the ARC Centre of Excellence for Coral Reef Studies at The University of Queensland, Australia. "While it sounds obvious, we show that our ability to detect the benefits of MPAs on corals improves dramatically when you take more detailed measurements," Mumby says. "For example, a simple option is to count the number of herbivorous fishes. But if, instead, you estimate how intensively these fishes feed, you obtain a much clearer and compelling insight." There is no management panacea for any ecosystem, and especially not for coral reefs, Steneck notes. "Certainly, stresses on reef corals from climate and atmospheric changes are serious and beyond direct management control. However, we suggest that local management measures can bolster the recovery of corals after damaging events and, eventually, improve their overall condition." Doug Rasher of Bigelow Laboratory for Ocean Science in East Boothbay, Maine, adds: "What we show is that relatively small changes can nudge this ecosystem toward one that can maintain and sustain itself." The research team, which also included Chancey MacDonald of James Cook University and George Stoyle of RARE, Arlington, Virginia, concludes that the best way to measure the effectiveness of reef conservation is by using a suite of metrics, including the number of fish, amount of seaweed and the number of baby corals, rather than just one indicator of reef health. Contact: Robert Steneck, steneck@maine.edu; Margaret Nagle, nagle@maine.edu

Transcript

Robert Steneck: Coral reefs are among the world's most endangered ecosystems. I think that there is a majority opinion that this is a climate-related crisis for coral reefs, but it's not really like a blanket of death over all these ecosystems. What our research was able to do is to go along an 800-kilometer stretch of the eastern Caribbean. Looking at the coral reefs, I was there long enough that I could interview people and managers. I could figure out the different management strategies that were being used in different places. What I found was if you manage your reef fish properly, the corals will respond positively. What we're finding is that coral reefs, when properly managed, can be highly resilient. This has been known mostly for the Indo-Pacific. Shockingly, in the Caribbean, there is not a single example of resilience in the scientific literature. With this research, I uncovered this resilience, but it is not black and white. The problem is that

when we talk about ecosystem-based management, what happens is we don't manage ecosystems. We manage people. For example, for corals to get started in life, they can't really have very much seaweed on the seafloor. The seaweed is controlled by the grazing fish like parrotfish. The managers are controlling fishing pressure, and so that can have a positive effect on parrotfish. The parrotfish are controlling the seaweed. The seaweed is controlling the coral. The essence of our paper is that there's an attenuating effect of management that makes the impact relatively subtle, but it is there, especially if it's measured properly. These coral reefs can recover. They recover at scales that are not that acceptable to a lot of humans. If you see a reef that you loved that had brilliant corals and it dies, it might take 10 years before it recovers. For a human, that's a lot of time. For coral, that's a blink of an eye. [Back to post](#)

MBS seniors win performance award for running virtual company

09 May 2018

A six-member team from the Maine Business School earned a performance award — the first for the University of Maine — at the 50th annual International Collegiate Business Strategy Competition in Anaheim, California. In the rigorous, semester-long business simulation, which consisted of a remote phase and a final on-site phase, students ran a virtual company over five simulated years. Students from more than 20 business schools around the world gathered April 26–28 at California State University for the on-site phase, and divided into teams, or “worlds,” to compete in two categories: best reports and overall performance. The MBS team placed second runner-up for overall performance within its “world,” which consisted of six groups. Participants were: Amy Lyons, chief executive officer; Cara Doiron, chief financial officer; Waleed Rahmatullah, chief operating officer; Emma Huntley, sales; Kirsten Johnson, marketing; and Elliott Simpson, controller. They simulated a manufacturing company that produced a multitool product. “The competition was one of the most challenging things I’ve ever done academically, but also the most rewarding,” says Huntley, a marketing and management major from Machiasport, Maine. The seniors say they’re grateful for the opportunity to experience first-hand how to cope with pressure and adversity, operate as a team, and view the business world from a fresh perspective. “This competition was unlike any other experience,” says Lyons, a management and international affairs major who was born in Malaysia and grew up in Brunswick, Maine. “I was extremely interested in joining the MBS team since I was hoping to learn real business applications, which is exactly what happened.” During the 10-week remote phase, students made quarterly decisions about product price, marketing, salaries, transportation costs, finance expenses and inventory storage details, according to deadlines that occurred with increasing frequency. In the final phase, they completed the quarterly decisions, produced an annual report and a business plan and gave an oral presentation to a panel of judges that acted as a board of directors for the simulated company. “This is simply the finest undergraduate team of students I have ever been involved with in 41 years of teaching,” says management professor John Mahon, who advised the group with finance and accounting lecturer Matt Skaves. “They faced serious challenges and could have collapsed or folded, but they did not and were determined to do well.” Rahmatullah says the competition helped prepare him for real-world business decision. “[It] was full of valuable experiences that I hope shaped me to become a better business leader of tomorrow,” says the management major from Waterville, Maine. Doiron, a finance major from Bangor, Maine, says, “The most difficult part was to keep pushing through and trying our best to make the right choices for our company after we experienced sudden major financial and competitive changes. The most rewarding part was how, even after those difficult moments, our team stayed united and positive.” The experiential nature of the competition bridged the gap between theory and practice, say the students. “I learned more from this competition than I could have in the classroom because it required us to make real-time business decisions and deal with unexpected disasters,” says Johnson, a marketing and management major from San Diego. She also realized the value of collaboration and multiple skill sets. “When a team comes together from different backgrounds and sets a goal, anything is possible.” Contact: Ruth-Ellen Cohen, 207.581.1926

Proposals sought for Maine Statehood and Bicentennial Conference

10 May 2018

The Maine State Bicentennial Conference Committee at the University of Maine seeks presentation proposals that explore all aspects of the Maine statehood process and the bicentennial for the event that will be held next spring. The Maine Statehood and Bicentennial Conference will be held May 30–June 1, 2019 on the UMaine campus with a field trip to Augusta. It will be open to the public for a nominal fee, and participation from local cultural organizations as well

as middle and high school teachers and students is encouraged. Scheduled keynote speakers for the event are Alan Taylor, the Thomas Jefferson Foundation Chair in American History at the University of Virginia; and Laurel Thatcher Ulrich, 300th Anniversary University Professor at Harvard University. A majority of voters in the District of Maine chose to separate from Massachusetts in July 1819, and Maine became the 23rd state in the country in March 1820. The conference organizers seek to take advantage of how the bicentennial moment encourages public reflection and a deeper understanding of the relatively distant past for the present and future of Maine and its people. Proposals for papers, panels, workshops, posters, websites, films and performances should be submitted to desiree.butterfield@maine.edu by July 15. The committee intends to publish an essay collection related to Maine statehood and the bicentennial following the conference. Complete submission details and more about the Maine Statehood and Bicentennial Conference is [online](#). For additional information, email Liam Riordan, riordan@maine.edu.

UMaine offering free courses for high schoolers at Hutchinson Center, Republican Journal reports

10 May 2018

[The Republican Journal](#) reported that starting May 14, the University of Maine will offer free summer courses in a variety of subjects for qualifying high school juniors and seniors at the Hutchinson Center in Belfast. Through a partnership between the Maine Department of Education and the University of Maine System, tuition will be waived for all qualified high school students to cover full tuition for up to 12 college credits per year, according to the article. Classes at the Hutchinson Center are small and personal. They are taught by UMaine faculty and meet general education requirements of the University of Maine System, as well as the majority of colleges nationwide, the article states. Interested students and parents are encouraged to contact Amy Smith at 338.8004, amy.m.smith@maine.edu. [WABI](#) (Channel 5) also reported on the free summer courses.

Press Herald reports on dean of new Graduate School of Business

10 May 2018

The [Portland Press Herald](#) reported J. Michael Weber, a senior associate dean and professor of marketing at Mercer University, has been selected to lead the University of Maine's new graduate school of business, effective July 1. The Graduate School of Business combines the MBA programs of UMaine and the University of Southern Maine under the umbrella of the new Maine Center for Graduate Professional Studies, according to the article. "Dr. Weber brings a depth of academic leadership, including international and domestic business consulting experience, to Maine and the new Graduate School of Business," said Jeffrey Hecker, UMaine executive vice president for academic affairs and provost. "As founding dean, Dr. Weber will work with the graduate business faculty to innovate curricula and pedagogy, and deliver options for the MBA program in order to meet the workforce needs of Maine and beyond." The new school will offer the MBA program in Orono, Portland and online, and will house all future graduate programs in business developed in the University of Maine System. [Sun Journal](#) also published the Press Herald report.

Blackstone writes BDN op-ed on ending workplace harassment

10 May 2018

Amy Blackstone, a professor in the Department of Sociology and the Margaret Chase Smith Policy Center at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled, "Much work remains to end workplace harassment." Blackstone also is a member of the 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.

Media report on Tajvidi's grant to continue CNF product research, development

10 May 2018

[Mainebiz](#) and [WABI](#) (Channel 5) reported Mehdi Tajvidi, an assistant professor of renewable nanomaterials at the University of Maine, has been awarded \$250,000 to develop next-generation floor and wall products that use cellulose

nanofibrils. CNF are the microscopic natural structural building units of wood that are biodegradable and possess incredible strength and bonding attributes, according to Mainebiz. Tajvidi's award from P3Nano — a public-private partnership founded by the U.S. Endowment for Forestry and Communities and the U.S. Forest Service — will be used to develop three building materials, including a scratch-, fire- and water-resistant flooring system made of CNF and cement, the reports state. Tajvidi told WABI the CNF products would be a big boost to Maine's forest products industry. "we have all the infrastructure here to produce pulp and that pulp could easily be turned into nanocellulose that we use as the binder here and then the same facilities can also be a little bit modified to be able to produce the products that we are trying to produce," Tajvidi said, adding the Advanced Structures and Composites Center at UMaine offers a facility for this research that can't be found anywhere else.

Study led by Steneck finds marine protected areas help coral reefs, media report

10 May 2018

[Business Standard](#), [The Times of India](#), [Earth.com](#) and [Environmental News Network \(ENN\)](#) reported on research led by Robert Steneck, a professor of marine biology at the University of Maine, that found marine protected areas can help protect coral reefs from the damaging effects of global climate change. Steneck, who has spent much of his 40-year career studying coral reefs, led the study that spanned 700 kilometers of the eastern Caribbean. According to the findings published in the journal *Science Advances*, local fisheries management resulted in a 62 percent increase in the density of young corals, which improves the ecosystem's ability to recover from major impacts like hurricanes and coral bleaching, *The Times of India* reported. "MPAs can help coral reefs, but studies to the contrary just were not measuring the right things at the right scales," Steneck said. "The idea behind MPAs is that, by reducing fishing pressure, you increase the number of seaweed-eating fish, and they decrease the amount of harmful seaweed, which makes it easier for baby corals to get started and thrive on the reef. But coral reefs are complicated, and lots of other things can affect fish numbers, their ability to control the growth of algae and the ability of corals to take advantage of this."

Vision for Tomorrow matching gift program raises more than \$4.8 million

10 May 2018

The matching gift program of the University of Maine's Vision for Tomorrow campaign has raised more than \$4.8 million, according to the University of Maine Foundation. A \$1 million bequest from an anonymous donor leveraged \$3.8 million in additional support for UMaine. The now-completed program was the public phase of the [Vision for Tomorrow](#) comprehensive campaign, a \$200 million fundraising drive. The majority of the support is directed to undergraduate scholarships. Donors have used the match to leverage support for existing endowments and to create 45 new ones. "We take great pride in our tradition of helping Maine students afford an outstanding UMaine education," says Jeffery N. Mills, president and CEO of the University of Maine Foundation. "With this new matching initiative, donors have made a tremendous difference. Over the long term, we can keep more of our best and brightest in Maine where they can contribute to Maine's economy and quality of life." UMaine President Susan J. Hunter also sees the importance of scholarships for Maine students. "Accessibility and affordability are central to our mission," Hunter says. "We embrace the opportunity to educate the leaders of tomorrow who will make a tremendous difference here in Maine and beyond." Financial aid for students is a top priority for the campaign, which has already raised more than \$155 million for scholarships, a new Engineering Education and Design Center, and other needs on and off campus, including at the Darling Marine Center in Walpole and the Hutchinson Center in Belfast. The full news release is on the University of Maine Foundation's website. Contact: Monique Hashey, 207.581.5104

Soil professors awarded \$498,000 to study phosphate interactions in agroecosystems

10 May 2018

Research led by two University of Maine professors aims to provide a greater understanding of the mechanisms by which soils adsorb phosphate and maintain it in plant-available forms to increase the sustainability of agriculture in the United States. Tsutomu Ohno, a professor of soil chemistry, and M. Susan Erich, a professor of plant and soil chemistry, were awarded a \$498,000 grant from the United States Department of Agriculture's National Institute of Food and

Agriculture for the project, “Biogeochemistry of Phosphate and Carbon Interactions in Agroecosystems: Coupling Experimental Data with Density Functional Theory.” The goal of the three-year study is to provide the foundational knowledge to design management practices that significantly increase phosphorus use efficiency in agroecosystems and to understand soil carbon stabilization. An agroecosystem can be described as a farming system, which includes basically everything — organisms and their environment — involved in the agricultural production of food, according to the researchers. “There is an increasingly urgent need to develop science-based agricultural practices that significantly increase phosphorus use efficiency compared to current practices,” Ohno says. “This would allow a reduction in synthetic fertilizer inputs, which reduces adverse impacts to off-farm surface and groundwater resources.” The researchers hope to learn how water-soluble soil organic matter alters phosphorus adsorption to soil mineral surfaces. Ohno says the research team thinks the presence of such organic matter will increase the solubility and bioavailability of phosphorus by affecting mineral bonding. “Fertilizer use and other technologies have increased food production in the U.S. which has increased food security for many, but has come at the cost of adverse environmental impacts and decreasing sustainability of U.S. agriculture,” Ohno says. “Agricultural practices with excessive phosphorus loadings have greatly impacted the Chesapeake Bay and the Gulf of Mexico aquatic systems leading to dead zones caused by excessive nitrogen and phosphorus runoff from agricultural fields.” The study will focus on chemical and biological processes that are the foundation for a sustainable agroecosystem, providing molecular-scale chemical data to inform landscape-scale ecological models necessary for decision-making in a changing global environment, according to the researchers. The UMaine researchers are working in collaboration with environmental chemist Patrick Hatcher of Old Dominion University and geochemist James Kubicki of University of Texas at El Paso. Contact: Elyse Catalina, 581.3747

Borkum article in Neural Regeneration Research

11 May 2018

Jonathan Borkum, adjunct associate professor, Psychology Department, published “Harnessing Migraines for Neural Regeneration,” in the journal [Neural Regeneration Research](#).

Park Street entrance will be closed May 13–Aug. 30

11 May 2018

A section of Rangeley Road will be closed May 13 through Aug. 30 during the installation of a roundabout at the intersection of Rangeley and Park streets by the Maine Department of Transportation. During this time, campus can be accessed by the College Avenue entrances located along Long, Munson and Sebec roads. Access to the UMaine Police Department and Facilities Management will be from campus via Belgrade Road. A map highlighting the best campus access routes this summer is [online](#).

WABI covers UMaine raffle to win free tuition for a year

11 May 2018

[WABI](#) (Channel 5) covered the drawing of the University of Maine Alumni Association’s Annual Tuition Raffle, which offers one year of in-state tuition at UMaine for the winner. Family and friends were allowed to enter the drawing on behalf of a student, WABI reported. “The university itself is very supportive of its current students, so I think it’s important that we always support the students that are currently in school — encouraging them to go forth, do great things in the state, hopefully retain them here, and they’ll do wonderful things to keep our state moving forward,” said Kristen McAlpine, a member of the UMaine Alumni Association Board of Directors. Maureen Berry was this year’s winner, and she entered the raffle on behalf of student Raeann Berry, the report states.

Ellsworth American advances UMaine Extension diabetes education series

11 May 2018

[The Ellsworth American](#) reported the University of Maine Cooperative Extension’s free Dining with Diabetes Down

East series will take place every Thursday in June at the UMaine Extension Hancock County office. The free program is open to anyone with Type 2 diabetes or pre-diabetes, and their family members and caregivers. Participants will learn how to select and prepare foods that help control blood sugar, cholesterol and blood pressure. There will be an opportunity to taste a variety of main dishes, side dishes and desserts, according to the article. The registration deadline is May 31.

WABI interviews Richards about proficiency-based learning standards

11 May 2018

Christopher Richards, director of recruitment at the University of Maine, spoke with [WABI](#) (Channel 5) for a report about the state's proficiency-based learning standards. In 2021, Maine high school students will graduate with a new type of diploma, providing they show proficiency in eight areas, according to the report. Richards said it is important for schools to create profiles for students that allow for better understanding of proficiency-based transcripts. "As an institution, you make a decision on is the student capable of the work and do they meet entrance requirements, and have a chance at being successful? That's really what admission criteria are, and a transcript is nothing more than a document that explains what a student has done and how they've performed," Richards said, adding UMaine is expecting the number of proficiency-based transcripts to increase in the coming years as more high schools make the transition. He said many schools have been proactive in contacting his office about proposed changes in transcripts, and asking for more information.

Name of longtime UMaine detective to be added to national memorial, media report

11 May 2018

[WABI](#) (Channel 5) and [WMTW](#) (Channel 8 in Portland) reported former Maine Drug Enforcement Agent and longtime University of Maine Police Department Detective Chris Gardner, who passed away in 2016, will be honored in Washington, D.C. Gardner's name will be added to the National Law Enforcement Officers Memorial and a candlelight vigil will be held on the National Mall, WABI reported. 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 was posthumously honored last year for his work on a major federal firearms and drug investigation in Connecticut and Maine, the reports state.

Press Herald cites Dill, UMaine research in article on ticks surviving winters

11 May 2018

The [Portland Press Herald](#) spoke with Griffin Dill, an integrated pest management specialist with the University of Maine Cooperative Extension, for the article, "Ticks that carry Lyme disease surviving even deep-freeze winters, research shows." As the weather has warmed, deer ticks that carry Lyme disease have emerged from a hibernation-like state under an insulating blanket of snow and leaves, according to the article. Dill said during the cold snap in late December, when air temperatures hovered near zero for days, researchers found the temperature below the snow was about 30 degrees. He said that despite the long winter, plenty of ticks are being found in surveys this spring. "We've been right on par with the past couple of years," he said. Scientists also point to climate change as a possible reason the deer tick's range has expanded over the past 20 years to include much of coastal and northern Maine, with warmer winters becoming the norm. The Maine Medical Center Research Institute in Scarborough is working with UMaine to study how climate change could be affecting deer tick populations, the article states. The [Sun Journal](#) also carried the Press Herald report.

The Conversation, AP publish op-ed by Socolow on Mad Magazine

11 May 2018

[The Conversation](#) published an opinion piece by Michael Socolow, an associate professor of communication and

journalism at the University of Maine. The piece, titled “Mad Magazine’s clout may have faded, but its ethos matters more than ever before,” also was distributed by the Associated Press and published by the Los Angeles Times, [Smithsonian](#) magazine, [The Washington Post](#) and WTOP.

The Atlantic cites Longcore’s research in article on origins of killer frog fungus

11 May 2018

[The Atlantic](#) cited research by Joyce Longcore, a mycologist and associate research professor at the University of Maine, in the article, “The origins of the killer fungus driving frogs to extinction.” In the past few decades, one particular type of the fungus, *Batrachochytrium dendrobatidis*, or Bd, has killed off so many frogs in Australia, Europe, and the Americas that scientists have warned of an impending mass extinction, according to the article. Longcore, a longtime expert on chytrid fungi, first identified and named Bd in 1999, after studying blue poison-dart frogs that died at the National Zoo in Washington, D.C., the article states. “Chytrid fungi have a particular gleam that, after working with, you tend to recognize,” she said.

Media cover signing of MOU between UMaine, Penobscot Nation

11 May 2018

[WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported on the signing of a Memorandum of Understanding (MOU) between the University of Maine and Penobscot Nation. During a ceremony at the Hudson Museum, UMaine President Susan J. Hunter and Penobscot Nation Chief Kirk Francis signed the MOU formalizing their collaborations in the past decade to help manage the tribe’s cultural heritage. “I see the MOU as the beginning, and it will evolve and involve more people and more aspects of both the university and Penobscot Nation over time, and I think we can look forward to benefiting the communities in the entire state of Maine in years to come,” President Hunter said. Officials said among the goals of the agreement will be integrating the tribe’s perspective into research processes and implementing Penobscot language on signage on campus, WABI reported. The Associated Press also reported on the signing, citing WABI's story. [Maine Public](#), [Portland Press Herald](#) and [The Seattle Times](#) carried the AP report.

UMaine’s newest graduates encouraged to be engaged in civil public discourse

12 May 2018

The University of Maine’s newest graduates “have a key role to play in restoring the high ideals of civil discourse,” according to U.S. Sen. Susan Collins, the speaker at UMaine’s 216th Commencement ceremonies May 12 at Harold Alfond Sports Arena on campus. “Courage, civility, principles and even wit are increasingly rare commodities in our discourse today,” Collins told the more than 1,650 graduates and the over 10,000 spectators in attendance. Among the graduates was her nephew — the fourth generation in the Collins family to receive a UMaine degree. “I believe that choosing civility and pursuing compromise can yield tremendous results that strengthen our communities and sustain our democratic institutions,” Collins said. “Fixing problems rather than affixing blame does not happen by chance. It takes deliberate, thoughtful actions.” Collins told the graduates to be risk-takers, step out of their comfort zones, and engage in their communities and with all levels of government. “You’ll find that seeking common ground doesn’t have to mean ceding all of the ground you’re standing on,” she said. “Rather, it can lead to discovering different ways of thinking, new friendships that you never envisioned and fruitful frontiers. You may even discover that the person with an opposing viewpoint occasionally has valid points worth listening to. “Believe in yourself. You control your own destiny. Your future will be affected by the decisions that you make,” Collins told the graduates, who gave her standing ovations. Sharing the stage with Collins in the morning ceremony was women’s rights advocate and former Maine lawmaker Mary Cathcart, who also received a standing ovation upon receiving her honorary degree. Baccalaureate and doctoral degree candidates in the College of Liberal Arts and Sciences, the College of Education and Human Development, the Maine Business School and the Division of Lifelong Learning attended in the morning; those in the College of Engineering and the College of Natural Sciences, Forestry, and Agriculture attended in the afternoon. In addition, more than 255 master’s degree and Certificate of Advanced Studies candidates participated in the Graduate Commencement Ceremony May 11. The 2018 [valedictorian](#) is Graham Van Goffrier of Norwell, Massachusetts and the

[salutatorian](#) is Brianna DeGone of Turner, Maine. Van Goffrier received a bachelor's degree in physics, with minors in electrical engineering, mathematics and nanotechnology, and a master's degree in electrical engineering — both earned during his four years at UMaine. DeGone, who also is the Outstanding Graduating Student in the College of Engineering, received a bachelor's degree in bioengineering, with a minor in business administration. UMaine's top annual faculty award winners for 2018 also were honored during Commencement and at a mid-day luncheon. This year's [Distinguished Maine Professor](#) is Frank Drummond, an internationally recognized entomologist whose decades of research on insect pests, bees and reproductive biology of the blueberry plant have contributed to the growth of Maine wild blueberry production. The three [Presidential Award](#) winners are: Yong Chen, professor of fisheries population dynamics, is the 2018 Presidential Research and Creative Achievement Award. Senthil Vel, the Arthur O. Willey Professor of Mechanical Engineering, is the 2018 Presidential Outstanding Teaching Award. Ivan Fernandez, professor of soil sciences and forest resources, is the 2018 Presidential Public Service Achievement Award. Contact: Margaret Nagle, 207.581.3745

Ph.D. anthropology student organizes 'Migrant Artifacts' exhibit at Hudson Museum

14 May 2018

A toddler's sneaker, a backpack, a copy of "El Diaro de Ana Frank." These are some of the objects left behind by thousands of people migrating to the United States through the Sonoran Desert. Documentary photographer Michael Hyatt photographed these and other abandoned items to bear witness to a perilous — sometimes fatal — journey: the northward movement of thousands of undocumented people across the Arizona-Sonora border. An exhibit of Hyatt's stark black-and-white photographs titled, "[Migrant Artifacts: Magic and Loss in the Sonoran Desert](#)," is on display through June 29 in the Minsky Culture Lab of the Hudson Museum at the Collins Center for the Arts. [caption



id="attachment_60781" align="alignright" width="350"]

"Beginning of a Migrant Trail," 2004[/caption] In the foreword of his book of the same name, Hyatt wrote that for

centuries immigrants have come to the U.S., some on ships of sail and steam. These photographs, he writes, are evidence of the latest migration. The photographs also are “a story of individuals — a man who left his plastic sandals behind..., a woman for whom a backpack became too heavy so she dropped it in the sand, a little girl whose pretty dress hangs ghostly white from the limb of a mesquite tree. These are people whose names we will never know, whose faces we may never see,” Hyatt wrote. It’s fitting to exhibit the photographs in the Hudson Museum, says director Gretchen Faulkner. “The Hudson Museum regularly presents exhibits that showcase UMaine research and that complement the museum’s collections,” she says. “Pre-eminent among the Hudson Museum’s holdings is the William P. Palmer III collection of pre-Columbian artifacts from Mexico and Central America — these objects are from the ancestral homelands of the migrants.” Sara Sophia Lowden, a University of Maine anthropology and environmental policy Ph.D. student from Tucson, Arizona, organized the exhibit. Lowden met Hyatt at home during a break, and was inspired to bring his work to Orono. “Maine is so far away from the Sonoran Desert, and these photographs help illustrate the harsh reality of this environment,” she says. “I hope the exhibit will draw attention to the fact that, despite a decrease in undocumented migrants crossing the border, the deaths of migrants in the desert continue to increase. In the last 20 years, thousands of human remains have been recovered, but bodies don’t last long in that climate, so we don’t actually know how many people have died.” In 2001, Hyatt noticed that news reports indicated a dramatic increase in migrant deaths along the U.S./Mexico border. Soon thereafter he began documenting efforts of the volunteer group Humane Borders. Hyatt saw and photographed backpacks, water jugs, toiletries, clothing and family photos. “I was intrigued by what the items were and even more by what they represented in the lives of those who were risking their lives in a harsh environment...[O]ne day I came across ‘The Diary of Anne Frank’ in Spanish in a migrant layup camp open...as if someone had just been reading it and for some reason had to leave,” he writes. “‘The Diary of Anne Frank’ is an unusual reading choice. Perhaps that person identified with Anne Frank and was even inspired by her example.” Lowden, who for her doctorate is exploring the impact of women’s leadership roles in conservation efforts in shared watersheds, hopes the exhibit will foster conversations in which people can find common ground. Hudson Museum hours and information about the temporary Rangeley Road closure on campus are [online](#). Contact: Beth Staples, 207.581.3777

Townsend awarded \$750,000 to study effects of aging fat tissue on cardiometabolic health

14 May 2018

An assistant professor of neurobiology at the University of Maine has been awarded a \$750,000 grant from the American Heart Association for a three-year study looking at the aging of fat tissue and its effects on cardiovascular and metabolic conditions. Kristy Townsend, an expert on brain-adipose communication, energy balance regulation and cardiometabolic disease, received a 2018 Collaborative Sciences Award for “Neurovascular interactions in adipose tissue and effects on cardiometabolic health.” The project is a partnership with David Harrison, an expert on mechanisms of aging and a senior faculty member at The Jackson Laboratory in Bar Harbor, Maine. Harrison is one of three investigators across the country who run the Intervention Testing Program (ITP) of the National Institute on Aging. The collaboration aims to build on the strengths of Townsend’s and Harrison’s labs to better understand how neurovascular interactions in adipose tissue, or fat, with aging affect cardiometabolic health, and to identify treatments. The loss of proper nerve communication with the brain could underlie aspects of metabolic diseases, and treatments that target the nerve supply in fat could potentially halt or reverse conditions such as diabetes or obesity, according to the researchers. The Townsend Laboratory recently discovered that human fat tissue loses its nerve supply with aging, a process they called “adipose neuropathy.” Townsend and her team also have observed adipose neuropathy with obesity and diabetes in mouse and human samples. Studies have revealed that loss of a proper nerve supply in adipose tissue can have serious implications for the proper regulation of metabolism, given that nerve communication between brain and fat tissue is essential for processes including maintaining a healthy body weight, according to the researchers. In addition, a proper nerve supply is required to stimulate the development of inducible forms of brown fat, which generates heat by burning calories and has been shown to be important for metabolic and cardiovascular health. Unlike diabetic neuropathy, the cause of most aging-related peripheral neuropathies is unknown, and it is unclear how neuropathy of aging impacts cardiometabolic health, the researchers state. Townsend and Harrison believe aging leads to the deterioration of adipose-resident cells that are important for maintaining a healthy nerve supply to the tissue, and that loss of adipose innervation with aging may underlie the development of metabolic and cardiovascular diseases as humans age. The team plans to work at the intersection of the aging and metabolic/cardiovascular fields to investigate using aged cohorts of mice as part of the ITP. The researchers hope to determine if loss of innervation around the

adipose vascular negatively impacts cardiometabolic health, and if restoring that innervation reverses it. Other UMaine researchers involved in the project are Magdalena Blaszkiewicz, a doctoral candidate in the Graduate School of Biomedical Science and Engineering, and Jake Willows, a master's student in the School of Biology and Ecology. Contact: Elyse Catalina, 581.3747

Students Compete in North American Intercollegiate Dairy Challenge

14 May 2018

Four UMaine students joined 235 of their peers from 38 colleges in the United States and Canada to compete in the 17th annual North American Intercollegiate Dairy Challenge April 12–15 in Visalia, California. David Marcinkowski from the School of Food and Agriculture coached the UMaine seniors — Carly Amsden of Eliot, Maine; Alexandra Banks of Lee, Maine; Gianna Dettorre of Naples, Florida; and Lauren Guptill of Waldoboro, Maine — who graduated May 12 and are pursuing careers in agriculture. The Dairy Challenge is an opportunity for the students to test their knowledge against students from other schools and to observe dairying in other parts of the country. Six California dairies with herds of up to 2,800 cows participated in this year's event. Teams were evaluated on the quality and accuracy of their presentations, the identification of management opportunities and their recommendations to improve animal care and management. Team presentations were evaluated by a panel of five judges, including dairy producers, veterinarians, finance specialists and other agribusiness personnel. In addition to the competition, the students also had the opportunity to hear about the latest research and talk about career opportunities with industry professionals.

Mainebiz cites Gabe's economic impact study in report on enticing visitors

14 May 2018

[Mainebiz](#) quoted Todd Gabe, a University of Maine economics professor, in the article, "Maine markets arts and culture in bid to entice visitors to look beyond lobsters and lighthouses." Last year, more than 380,000 cruise ship passengers visited the state, according to CruiseMaine. While the majority of visitors to Maine are from New England and Canada, the ships bring in people outside of that group, Gabe told Mainebiz last year. Gabe, who co-wrote an economic impact study published in February 2017, said visitors were coming from states like Florida and California. "The ships really open up the state to people that otherwise wouldn't come to Maine," he said.

Daigle discusses state's water trails on Maine Public's 'Maine Calling'

14 May 2018

John Daigle, a professor of forest recreation management at the University of Maine, was a recent guest on Maine Public's "Maine Calling" radio show. The show focused on the variety and history of recreational boating trails around the state.

Kirby offers tips to BDN on how to keep ants out of the home

14 May 2018

Clay Kirby, an associate scientist and insect diagnostician with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for an article about how to get rid of ants that have invaded your home during the spring. Ants that infiltrate Maine homes can be a variety of species, and all of them have different food and habitat preferences, according to the article. "Identification is the way to go first," Kirby said. "With identification we can learn a little bit more about specific biology and how to manage it." Kirby suggests people collect a few ants in a leak-proof container, cover the ants in rubbing alcohol to preserve them, then drop them off at your local county UMaine Extension office for free identification. One way to destroy an ant colony is by using bait traps. "Typically, in a household situation, baits are preferred if the nest is not readily found," Kirby said. "The theory is that the ants will take the [poisonous] bait back to the nest and feed the immature stages as well as the queen." Ants in a home can be destructive at worst and a nuisance at best, but outside, they're an integral part of the ecosystem, the article states. "Just like a plant out of place is referred to as a weed, an insect that is out of place is referred to as a pest," Kirby said.

AP quotes Wahle in article on lobster industry fears of weaker shells

14 May 2018

The Associated Press spoke with Rick Wahle, a research professor at the University of Maine's Darling Marine Center, for the article, "Lobster industry fears weaker shells but evidence is mixed." U.S. lobster exports to Asian countries have increased exponentially this decade, and American shippers prefer lobsters with hard, sturdy shells to survive the journey, according to the article. But some members of the U.S. industry have complained in recent years of poor shell quality among lobsters, and they've raised concerns about warming ocean waters or acidification of the ocean having a negative effect on lobster shells, the article states. Wahle, who studies lobsters, said he hasn't "heard anything that lobsters are necessarily getting softer," but he and many other scientists said lobsters do face environmental challenges that could impact their ability to be shipped. There appear to be subtle effects on lobster larvae from acidification, but nothing to suggest something as dramatic as weaker shells, Wahle said. It's possible that processors are just seeing more "soft shell" lobsters that have recently molted, which is a natural process necessary for them to grow, he said. The [Bangor Daily News](#), [Portland Press Herald](#), [U.S. News & World Report](#) and [Maine Public](#) carried the AP report.

Media cover UMaine's 216th Commencement ceremonies

14 May 2018

The Associated Press, [WABI](#) (Channel 5), [Bangor Daily News](#) and [News Center Maine](#) reported on the University of Maine's 216th Commencement. Republican U.S. Sen. Susan Collins, who addressed more than 1,650 students at the morning and afternoon ceremonies, urged graduates to keep in touch with friends, strive to be considerate and active members of society, to take risks and to be wary of what they read on the internet, the BDN reported. During her address, Collins urged the graduates to strive for civil discourse as they ingratiate themselves into their new communities, the article states. "It would seem that these days our ability to work together to solve problems is hitting modern lows," she said. "We see this disturbing trend in Washington, and we see it in our own communities." Collins also praised the first woman to serve as UMaine's president. Collins said President Susan J. Hunter oversaw the largest incoming class, largest number of out-of-state students and biggest increase in donations to the Annual Fund, according to the AP. The university's honorary degree was given to Mary Cathcart, who served four terms as state senator and three terms in the Maine House of Representatives, and founded the Margaret Chase Smith Policy Center at UMaine, according to the BDN. Maine Public, [The Seattle Times](#) and Indiana's The Republic carried the AP report. [Z107.3](#) posted video of the ceremonies.

Green crab predation identified as cause of Maine clam decline

15 May 2018

Juvenile soft-shell "steamer" clams are not surviving to adulthood due to high levels of predation, according to Brian Beal, a professor of marine ecology at the University of Maine at Machias and director of research at the nonprofit Downeast Institute (DEI), who partnered with the Maine Clammers Association to conduct the research. The team discovered that post-settlement mortality of soft-shell clams, *Mya arenaria*, is as high as 99 percent in southern Maine, putting the state's iconic soft-shell clam fishery in jeopardy unless major changes in resource management occur. Statewide, clam landings have plummeted in the past 30 years, with 2017 landings the lowest since 1930. During the same time period, seawater temperatures in the Gulf of Maine have risen substantially and winters in the region have become milder. During this period of warming ocean temperatures, populations of invasive green crabs, *Carcinus maenas*, have increased rapidly in Maine, especially along the southern Maine coast. DEI's experiments were designed to disentangle the drivers of the clam decline. Six large-scale field experiments, which excluded predators such as green crabs, were deployed in three tidal estuaries in southern Maine over the course of two years. Two of the experiments, conducted in Freeport, were part of the largest intertidal research project in state history. "These studies reveal just how severe predation on soft-shell clams is," Beal says. "The major predators are invasive green crabs, especially small crabs that feast on juvenile clams. But even native species such as milky ribbon worms are having a significant impact on clam populations. "Results suggest that current predation rates are so severe that less than 0.01 percent of juvenile clams

survive beyond their first year,” says Beal. This means that most clams are being killed by predators before they can reach commercial sizes.” The invention and deployment of a “recruitment” box that collects and protects settling clams and other species provided researchers with a previously unseen look at the current productivity of southern Maine’s intertidal ecosystem. Analysis of the contents of the recruitment boxes clearly showed that post-settlement mortality, rather than a limited supply of available clam larvae, was the most important factor in current clam populations. The research was recently published in the April edition of the [Journal of Shellfish Research](#), a publication of the National Shellfisheries Association. It is co-authored by members of the leadership of the Maine Clammers Association. “These dramatic results indicate that we need to rethink the current shellfish management methods used in Maine, which were invented when seawater temperatures were colder and invasive green crab populations were scarce or absent,” says Beal. “These methods no longer work in a warm water environment that is being dominated by voracious shellfish predators. “Since most scientists predict the warming trend to continue, management efforts need to adapt to present environmental and biological conditions or risk watching the fishery decline to levels that are no longer commercially viable,” he says. The research suggests that new clam management measures need to focus on increasing the survival of juvenile clams that settle on the mud flats. These include instituting a maximum size law to protect the larger clams which produce more spawn and, thus, offer a greater chance for juveniles to survive predation. Similar maximum size laws exist in both the lobster and sea urchin fisheries. In addition, setting up rolling two- to three-week regional coastal harvesting closures from west to east during late May through early July would allow clams to spawn before being harvested. “At the same time, certain commonly used ‘clam conservation’ activities should be abandoned,” Beal says. “For example, ‘brushing,’ which serves to create habitat for green crabs so that any increase in clam settlement results in feeding green crabs, and planting or transplanting clams without adding predator protection are activities that no longer provide the benefits they used to in the current predator-dominated environment.” Contact: Brian Beal, 207.255.1314; 207.214.3761; bbeal@maine.edu

The French Review publishes interview with Cote Robbins

15 May 2018

An interview with Rhea Cote Robbins, an academic adviser and success instructor, as well as an adjunct assistant professor, appears in [The French Review](#), May 2018 — Volume 91.4. “On Being a French Heritage Woman in America Today: An Interview with Rhea Côté Robbins,” was written by Elizabeth Blood. In the interview, Cote Robbins, founder of the Franco-American Women’s Institute (FAWI), speaks about her work as an author, the FAWI, the history and culture of Franco-American women, and the importance of developing an understanding of what it means to be of French heritage in America today, according to The French Review.

Pawling receives Canadian Historical Association prize

15 May 2018

Micah Pawling, assistant professor of Native American studies and history, received the 2018 Canadian Historical Association’s prize for the best journal article in indigenous history in 2017: “Wlastkwey (Maliseet) Homeland: Waterscapes and Continuity within the Lower St. John River Valley, 1784–1900,” published in *Acadiensis*, vol. XLVI, no. 2 (Summer/Autumn 2017): 5–34. One member of the selection committee wrote: “In ‘Maliseet Homeland’ Micah Pawling builds an empirically nuanced and theoretically informed argument demonstrating Maliseet strategies for remaining in their homeland despite intense pressures caused by colonial immigration. Focusing on the southern Saint John River, between the colonial centres of Saint John and Fredericton, Pawling’s article uses the concept of waterscape and an analysis of memory to reorient our attention away from the political, social, economic and cultural boundaries that often structure the historian’s craft. What Pawling makes clear is that, by using both formal and informal strategies, during the 19th century many Maliseet continued living in their homeland despite settler-caused pressure on resources and the colonial state’s efforts to erase their presence. In so doing, Pawling’s work develops recent scholarship on decolonizing methodologies, historical memory, space, place, dispossession and survivance.”

Huguenard, Jain receive Maine ASCE awards

15 May 2018

Kimberly Huguenard, assistant professor in ocean and marine engineering, and Shaleen Jain, associate professor of civil engineering, were honored at the annual awards ceremony of the American Society of Civil Engineers ([ASCE](#)) Maine Section. Jain, who is also a faculty fellow at the Mitchell Center for Sustainability Solutions, received the Civil Engineer of the Year Award and Huguenard the Young Civil Engineer of the Year Award. Among those attending the event was ASCE president-elect Robin Kemper.

Beal mentioned in Press Herald report on farming littleneck clams

15 May 2018

Brian Beal, a professor of marine ecology at the University of Maine at Machias, was mentioned in a [Portland Press Herald](#) article about a Maine wildlife biologist who is trying to farm littleneck clams. Maine has barely any experience in hard-shell clam aquaculture in part of because wild quahogs have such a limited and uneven history in the state, according to the article. Joe Porada started digging for quahogs in the late 1980s in the Goose Cove area of Trenton. Porada worried about the future; at the rate he was going, he could fish out all the clams in Goose Cove, the article states. In 2005, he decided to try to farm quahogs. He called Beal, and recalls him saying, “I have been waiting for this phone call for 25 years.” Porada worked with the Downeast Institute for Applied Marine Research and Education and secured funding via a 2006 grant from the Maine Technology Institute, with Beal providing the baby clams and research support, the Press Herald reported. Together, they published a paper in the Journal of Shellfish Research in 2009 outlining their positive findings. “Hard clam farming in eastern Maine may help diversify a wild shellfish industry that is currently in decline for most species except lobsters,” the paper stated. It also called for additional efforts to explore alternative methods and sites.

Trostel cited in MaineBiz article on employers preparing workers for retirement

15 May 2018

Philip Trostel, an economics professor at the University of Maine, was quoted in the [MaineBiz](#) article, “Top Maine employers take initiative in helping employees prepare for retirement.” “People who are age 50 or 55 now have saved much less for retirement than [people in their 50s] were saving 15 or 20 years ago, which is pretty troubling,” Trostel said. In a 2017 report for AARP Maine, he wrote, “Asset accumulation for retirement has dramatically fallen, despite the fact that we’re seeing increasing prosperity.” There’s a rule of thumb that says workers should put away 10 percent of earnings, according to the article. “It’s simple math,” Trostel said. “You have, say, a 40-year work career and expect a 20-year retirement. If you’re saving 10 percent over 40 years, with compound interest, then you’re going to be able to largely keep your same standard of living. And you can keep that same standard of living particularly if you have Social Security income as well.” Overall, the saving rate has dipped, the article states. “You see more reliance on debt than before,” he said. “Some of it has been a cultural change: People haven’t been as worried about savings as they used to be.”

Beal co-writes BDN op-ed on Maine’s clamming industry

15 May 2018

Brian Beal, a professor of marine ecology at the University of Maine at Machias and director of research at the Downeast Institute, co-wrote an opinion piece for the [Bangor Daily News](#) titled, “How Maine can save its historic clamming industry.” Beal wrote the article with Chad Coffin, a clammer and president of the Maine Clammers Association.

Press Herald interviews Cryer for report on building teen workforce

15 May 2018

The [Portland Press Herald](#) spoke with Marc Cryer, director of the Bureau of Labor Education at the University of Maine, for the article, “As businesses face a labor crunch, state pushes to build teen workforce.” With the lowest state

unemployment rate in 60 years and many industries struggling to find workers, the Department of Labor plans to tap into thousands of potential teen job-seekers with a public campaign to build the state's underage workforce, the article states. However, hiring teens risks taking jobs away from adults who need them, according to Cryer. "There simply aren't that many good full-time jobs in rural Maine, and it would be very important to look at the effects of increasing employment for minors on safety and the working hours of adults," Cryer said. Training for future jobs and teaching work ethic are laudable goals, but promoting teen employment is contrary to policies in most advanced countries that prioritize education over paid work, he added. "Hour per hour, the value of education in dollars over the lifetime of the average American is much higher than the value gained by extra years of work," prior to becoming a legal adult, Cryer said. "The best policy would clearly be to emphasize education over work."

BDN quotes Glover in article on Maine's attorney general

15 May 2018

The [Bangor Daily News](#) spoke with Robert Glover, an assistant professor of honors and political science at the University of Maine, for an article about Maine Attorney General Janet Mills, who is a Democratic candidate for governor. In this year's gubernatorial contest, Mills isn't alone as a state official in the race, according to the article. Glover said there are gray areas regarding what materials are related to a person's official duties and what materials are for campaigns, and that issue is becoming increasingly clouded in the era of social media and electronic communications. "If you're putting out a traditional mailer, there would be a cost associated with that," he said. "Sending out an email or posting on Twitter, it's not so clear." Glover said he doesn't think most voters care about the issue as much as political insiders do. "Everyone is aware that it happens, and I hear grumblings about it from both sides," he said. "Most of the people who are concerned about campaign finance are more concerned about dark money or independent expenditures."

Teen's macaron business showcased in 'Growing Maine' video

16 May 2018

University of Maine Cooperative Extension has released the seventh installment of "Growing Maine," a series of short documentaries highlighting Maine food producers and farm families. The latest video in the series tells the story of 16-year-old entrepreneur who founded Simply Macarons by Jaelin. The macaron is a French meringue-based, filled sandwich cookie — not to be confused with the American coconut macaroon. After lots of practice, product testing in collaboration with UMaine Extension and a research trip to Paris, Jaelin Roberts opened Simply Macarons in Bangor, Maine in 2016. She works each week to produce macarons that are sold at Ingrid's Market and to fill custom orders on her Facebook page. In the video, Roberts shares how she got started, as well as information about the science of making a perfect macaron. With support and help from her mother, who credits a UMaine Extension food entrepreneur workshop as an early resource, Roberts' business is thriving. Working with UMaine Extension includes trying out new products, a story that she shared as part of her acceptance speech for a young entrepreneur award from Hardy Girls, Healthy Women. 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 "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 at 581.3487 or leslie.forstadt@maine.edu.

Two Reading Recovery events slated to celebrate Cole family contributions

16 May 2018

The University of Maine College of Education and Human Development's Reading Recovery program will celebrate its longtime collaboration with the Galen Cole Family Foundation at two upcoming events. The annual Reading Recovery

Cole Family Celebration will be held May 18 at the Cole Land Transportation Museum in Bangor. Members of the statewide education community will gather to celebrate the success of students whose literacy achievements have been made possible through the generous support of the Cole Family Foundation. On May 24, educators from across Maine will be at the Hutchinson Center in Belfast for the third annual Suzanne W. Cole Reading Recovery and Early Literacy Institute. The conference will feature keynote addresses by internationally recognized experts in the field of literacy education, Mary Anne Doyle of the University of Connecticut and Billie Askew with Texas Woman's University. Reading Recovery is an early intervention program where teachers work one-on-one with first-grade students who are struggling with reading and writing. For more than 20 years, the Cole Foundation has provided grants to Maine schools to allow Reading Recovery teachers to receive training and professional development through the college's University Training Center for Reading Recovery and Comprehensive Literacy.

NSF highlights UMaine's SMART Institute

16 May 2018

The University of Maine's Stormwater Management Research Team (SMART) that provides high school students with opportunities to be involved in engineering innovative solutions to stormwater problems was highlighted by the National Science Foundation in its [news alert](#). A story about the program is featured in the new online edition of [UMaine Today magazine](#).

Fundraising on Maine Day focus of Currents magazine story

16 May 2018

The May/June issue of Currents, published by the Council for Advancement and Support of Education, included a one-page story with photos about Maine Day and the University of Maine Foundation's Maine Day of Giving. "We wanted to connect the day to a tradition of the university," said Monique Hashey, University of Maine Foundation director of marketing.

Mainebiz reports on Top Gun finalists

16 May 2018

[Mainebiz](#) reported the Maine Center for Entrepreneurs and its partners — the University of Maine, The Lewiston Auburn Economic Growth Council and Gulf of Maine Research Institute — have named 10 winners of the 2018 Top Gun Program's semi-final pitch events. Regional pitch events were held in Bangor, Brunswick, Lewiston/Auburn and Portland. Participating entrepreneurs presented five-minute pitches to a panel of judges followed by a brief question-and-answer period. Scoring was based on presentation, innovation, scalability and feasibility, according to the article. The top two finishers in each location will compete in the Top Gun Showcase on May 23 at the University of Southern Maine for a \$25,000 cash prize sponsored by the Maine Technology Institute, Mainebiz reported.

Brewer speaks with Maine Public about ranked-choice voting education

16 May 2018

[Maine Public](#) interviewed Mark Brewer, a political science professor at the University of Maine, for the report, "Ranked-choice voting education campaigns underway as primaries near." Maine voters in next month's state primary will be the first to use ranked-choice voting for state elections, Maine Public reported. According to experts, many voters don't understand how the system works, but they're hopeful voter education programs can help clear up any confusion. "I suspect a fair amount of voters in June are going to show up without a full idea of what they're doing for ranked-choice voting," Brewer said, adding he is cautious, but sees how next month's election could be a good test run. "I don't think it will be as bad as it would be in November, because it is a primary with more attentive voters," he said. Brewer said the public service messages and other education efforts are important, even if most Mainers won't focus on the primaries until next month or until they go to the polls.

Giudice to study device to help visually impaired, Arkansas Online reports

16 May 2018

[Arkansas Online](#) reported on inventor Brandon Foshee's device that aims to help visually impaired and blind people avoid obstacles. Foshee has received about \$600,000 in grants from several agencies to develop his Roboglasses, according to the article. Nicholas Giudice, a professor of spatial informatics at the University of Maine, will study the Roboglasses as part of the grant from the National Institutes of Health, the article states. "People have been working on electronic travel aids for the blind since the 1960s," Giudice said. "They usually don't get out of the lab or the design phase, sometimes because they're designed by a person with sight who's looking for a solution to a problem that doesn't exist. This is different, because Brandon is blind and I am blind and that leads to something distinctive about the development and research behind his glasses." Roboglasses, if successful, will complement, not replace, the traditional guide dog and cane, Giudice said. "The purpose of all these tools is to help detect and avoid hazards, but the cane and the dog sometimes don't help much with hazards higher up," Giudice said.

Press Herald quotes Fernandez in article on effort to cut greenhouse gas emissions

16 May 2018

Ivan Fernandez, a professor of soil science and forest resources at the University of Maine, was quoted in the [Portland Press Herald](#) article, "Views clash as DEP readies greenhouse gas reduction forced by citizen initiative." Maine environmental regulators heard hours of testimony on a citizen-initiated proposal that would require the state to cut greenhouse gas emissions by 8 percent annually while imposing new regulations on the trucking and biomass industries, according to the article. Scientists and fishermen told Department of Environmental Protection representatives that Maine can no longer afford to delay taking more decisive action on climate-warming emissions, the article states. Fernandez said he had not studied the details of the proposed emissions standards, but agreed with the push to further reduce emissions levels. A faculty member with UMaine's Climate Change Institute, Fernandez said Maine farmers are experiencing more droughts, Lyme disease is spreading rapidly as the climate warms and fishermen are facing increasingly acidic waters as the oceans absorb more carbon dioxide from the air. "If the only concern from rising carbon dioxide concentrations in the atmosphere were ocean acidification, we would still have a burgeoning global crisis with Maine on the front lines," he said.

Isenhour, grad student guests on Maine Public's 'Maine Calling'

16 May 2018

Cynthia Isenhour, a professor of anthropology and climate change at the University of Maine and an associate at the Senator George J. Mitchell Center for Sustainability Solutions; and Sara Lowden, an anthropology and environmental policy Ph.D. student at UMaine, were recent guests on [Maine Public](#)'s "Maine Calling" radio show. The show focused on anthropology and how it is part of our everyday lives. Lowden spoke about "Migrant Artifacts: Magic and Loss in the Sonoran Desert," an exhibit of black-and-white photographs by Michael Hyatt on display through June 29 at UMaine's Hudson Museum. Lowden organized the exhibit.

AP reports on Townsend's \$750,000 grant to study aging fat tissue

16 May 2018

The Associated Press reported Kristy Townsend, an assistant professor of neurobiology at the University of Maine, has been awarded a \$750,000 grant from the American Heart Association to study the aging of fat tissue and its effects on cardiovascular and metabolic conditions. Townsend will partner with David Harrison, an expert on mechanisms of aging and a senior faculty member at The Jackson Laboratory in Bar Harbor, on the three-year project. The goal of the study is to help identify treatments that could potentially stop or reverse conditions including diabetes and obesity, the AP reported. [U.S. News & World Report](#), [The Seattle Times](#), [Portland Press Herald](#) and Indiana's The Republic carried the AP report.

UMaine students eligible to apply for Churchill Scholarship

17 May 2018

Starting this fall, University of Maine students will be able to apply for the Churchill Scholarship, a prestigious merit-based scholarship for postgraduate study at the University of Cambridge in England. Due to a collaborative effort among various campus entities, including the Office of Major Scholarships, UMaine has been added to the list of 112 participating institutions allowed to nominate two candidates every year for the award. The Winston Churchill Foundation of the United States awards 15 scholarships each year to engineering, mathematics or science students who apply to study for a year at the master's level at Churchill College at the University of Cambridge. The application can be completed during the senior year or within 12 months of graduation. Students are selected based on their outstanding academic achievement, demonstrated research abilities and remarkable personal qualities. The award covers a living allowance and all college, travel and application fees. The Churchill Scholarship was established in 1963 at the request of Sir Winston Churchill with the goal of increasing cooperation between the United States and United Kingdom in advancing science and technology. Since then around 5,500 awards have been given. More information is available on the Winston Churchill Foundation [website](#) or by emailing Nives Dal Bo-Wheeler at nives.dalbowheeler@maine.edu. The UMaine internal deadline for nomination is Sept. 15. The national deadline is Nov. 1.

BDN, WVII interview Beal about Maine's clam industry

17 May 2018

The [Bangor Daily News](#) and [WVII](#) (Channel 7) spoke with Brian Beal, a professor of marine ecology at the University of Maine at Machias, for reports on the state's soft-shell clam industry. Beal, who also serves as director of the Downeast Institute for Applied Marine Research and Education, has worked over the past few years with clam diggers and the Maine Clammers Association to try to identify specific causes for the decline in soft-shell clams, the BDN reported. A [study](#) co-written by Beal indicates that predators are the biggest reason why Maine's soft-shell clam population has declined sharply in recent years, the article states. Raising clams in enclosures that protect them from being eaten by other creatures could go far in boosting the number of clams harvested in the state, according to researchers. "Clammers today are hunter and gatherers," Beal told the BDN. "[The future of clamming] doesn't look like hunting and gathering. It looks like farming."

Director of athletics search committee named

18 May 2018

A 14-member search committee has been named to help select the next University of Maine director of athletics, according to Dr. Robert Dana, UMaine vice president for student life and dean of students. Dana, who chairs the committee, says the national search will be aided by a search firm and will begin as soon as the consultant is engaged. The search committee will make its recommendation to incoming President Joan Ferrini-Mundy, who joins the UMaine community July 1. The director of athletics plans, administers and directs UMaine's NCAA Division I intercollegiate athletic programs for men and women, and ensures that all athletics programs are in compliance with NCAA rules, regulations and policies, and that all programs and initiatives are integrated and effective in supporting UMaine's mission. The athletics director also participates in institutional planning and decision making as a member of the President's Cabinet, and represents the university on various institutional committees and initiatives, as well as externally to the media, prospective student-athletics and their parents, prospective funding agencies and private donors, national athletic regulatory and governance bodies, UMaine alumni and the public. The search committee members are: Scott Atherley, head women's soccer coach; Lynn Coutts, senior associate director of athletics; Dr. Sandra De Urioste-Stone, assistant professor of nature-based tourism; Dr. Niclas Erhardt, interim dean of the Maine Business School and NCAA faculty athletics representative; Vincent Eze, men's basketball student-athlete; Red Gendron, head men's ice hockey coach; Paul Hannigan, athletics supporter and president/owner Bee Line Cable; Tyson McHatten, assistant athletic director for communication; Ann Maxim, director of academic support for student athletes; JoJo Oliphant, UMaine Alumni Association, former football player and local business owner; Dr. Kenda Scheele, assistant vice president and senior associate dean of students; Mike Scott, director of ASAP Media Services and past president of

Faculty Senate; Amy Vachon, head women's basketball coach; Seth Woodcock, senior associate athletic director for development. Vice president for human resources Chris Lindstrom is an ex-officio member of the committee. Human resources partner Brian Drisko serves as staff to the committee.

SMART featured in 2018 STEM for All Video Showcase

18 May 2018

A [video](#) about the University of Maine's SMART INCLUDES program is included in the National Science Foundation's [2018 STEM for All Video Showcase](#). The showcase enables more than 200 federally funded projects, transforming the STEM educational landscape, to share short videos of their work. Researchers, practitioners, policymakers and the general public are invited to post to the discussions, share feedback and vote for their favorite videos. Voting and discussion ends 8 p.m. May 21. UMaine's Stormwater Management Research Team (SMART) provides high school students with opportunities to be involved in engineering innovative solutions to stormwater problems. The program was developed with the goal of broadening participation in STEM, especially among female and underrepresented minority students, through community water research. In fall 2016, UMaine was one of 37 institutions nationwide to receive a first-ever award for the National Science Foundation's INCLUDES program, a comprehensive initiative to enhance U.S. leadership in science and engineering.

UMaine Extension cited in NJ.com article on tick types

18 May 2018

Information from the University of Maine Cooperative Extension was included in an [NJ.com](#) article about the different types on ticks that can be found in New Jersey. The article cited information from UMaine Extension about the woodchuck tick and the moose or winter tick. Woodchuck ticks can be found anywhere east of the Rocky Mountains, but according to UMaine Extension, they're most common in New England, the Midwest and Southern Canada. The ticks are about the size of a sesame seed and are similar in appearance to deer ticks, according to the article. While winter ticks are found across North America, they are strongly associated with the presence of moose, the article states.

Stowe Today mentions soil testing service in article on raised-bed gardening

18 May 2018

Vermont's [Stowe Today](#) mentioned the University of Maine's soil testing service in a column about raised-bed gardening. If using more of a potting mix instead of field soil, the author, a University of Vermont Cooperative Extension master gardener, recommended getting a saturated media test from UMaine. She suggested requesting the basic high tunnel test, and indicating on the form that the test is for raised beds.

UMaine, Penobscot Nation MOU cited in Press Herald preview of Abbe Museum market

18 May 2018

The [Portland Press Herald](#) reported on the upcoming Abbe Museum Indian Art Market in Bar Harbor. The inaugural event will include as many as 75 artists from 40 tribal nations across North America in downtown Bar Harbor for a weekend celebration of Native culture, according to the article. The market comes at a time when more attention is being paid to tribal culture and heritage in Maine, the article states. The University of Maine and the Penobscot Nation recently signed a memorandum of understanding to formalize their collaborations and help manage the tribe's cultural heritage, and the Portland Museum of Art has paid more attention to tribal culture in recent years, including Wabanaki artists in each of its most recent biennial exhibitions. The Maine Historical Society also has include Wabanaki artists in its exhibitions, the Press Herald reported.

WFAA in Texas cites UMaine study in report on high school hazing

18 May 2018

[WFAA](#) in Dallas, Texas cited a 2008 University of Maine study in the report, “Hazing is a crime. Why aren’t high schools doing more to stop it?” The national study, which was conducted by researchers Elizabeth Allan and Mary Madden, found an estimated 1.5 million high school students are hazed each year. Forty percent of athletes who reported being involved in hazing said the coach or adviser was aware of it. Twenty percent said the coach was involved, the report states.

UMaine Extension bulletin cited in BDN article on Maine, Canadian fiddleheads

18 May 2018

Information from a University of Maine Cooperative Extension publication was cited in the [Bangor Daily News](#) article, “No warnings on Maine fiddleheads, despite health concerns over Canadian ferns.” The New Brunswick Department of Health recently issued a warning that fiddleheads growing in areas hit by the provinces’ record floods this spring may be contaminated and unfit to eat, the article states. Officials with the Maine Department of Agriculture, Conservation and Forestry said there are no health risks associated with Maine fiddleheads. According to a UMaine Extension [bulletin](#), the United States Centers for Disease Control and Health Canada have investigated outbreaks of foodborne illness associated with eating raw or undercooked fiddleheads over the years. Symptoms of illness from eating undercooked or raw fiddleheads include diarrhea, nausea, vomiting, abdominal cramps and headaches. The symptoms hit within 30 minutes to 12 hours after eating the fiddleheads and last around 24 hours, the BDN reported. The bulletin states the best and most reliable way to clean fiddleheads is by placing the freshly picked ferns into a colander and thoroughly rinsing or spraying them with clean, cold water.

Maine Public reports on high number of applicants to UMS nursing programs

18 May 2018

[Maine Public](#) reported the University of Maine System is anticipating a record number of nursing applicants for the 2018–2019 school year, even as the state continues to struggle with nursing shortages. Dan Demeritt, executive director of public affairs for the University of Maine System, said that as of May 1, the UMaine School of Nursing had received more than 1,300 applications for its bachelor of nursing program. The number of fall openings for that program is 110, according to the report. Similar trends are being seen at other UMaine campus nursing programs, the report states. Efforts to increase the number of applicants who can be admitted to nursing programs would be bolstered by a \$75 million workforce infrastructure investment bond. The bond has received bipartisan support, but it remains on the unfinished business list for the Maine Legislature, which adjourned earlier this month, Maine Public reported. [Mainebiz](#) also reported on the increase in nursing applicants.

Science Trends publishes piece on insecticide resistance by Alyokhin

18 May 2018

[Science Trends](#) published the article, “The evolutionary context of insecticide resistance,” by Andrei Alyokhin, a professor of applied entomology at the University of Maine. Thoughts from the article also are described in “Adaptation to toxic hosts as a factor in the evolution of insecticide resistance,” which was recently published in the journal [Current Opinion in Insect Science](#). That article was written by Alyokhin and Yolanda H. Chen of the University of Vermont.

BDN quotes Vekasi in report on Maine companies growing in Asia

18 May 2018

Kristin Vekasi, an assistant professor of political science and international affairs at the University of Maine, was quoted in the [Bangor Daily News](#) article, “Maine companies grow in Asia despite Trump trade uncertainty.” Vekasi, who will be a featured panelist during the Maine International Trade Center’s Trade Day 2018, is cautiously optimistic about future trade with China and Japan, and also sees big opportunities in South Korea, the Philippines, Singapore, Vietnam

and Thailand. Vekasi said she worries that if a China-U.S. trade war ensues, specific U.S. companies operating in China could be targeted, finding it more difficult to get licenses or sell their products into that market. A trade war, “would be quite devastating to both countries,” she said. “My optimistic view means there will be tough negotiations and we’ll avoid a trade war and Maine will continue to grow trade in Asia.” She added that Gov. Paul LePage has been supportive of Maine businesses and their ability to pursue trade, and he has been active in trying to attract investment from China and elsewhere.

Calhoun leads vernal pool workshop at DMC

21 May 2018

Members of local land trusts and municipal conservation and planning committees attended a recent vernal pool conservation workshop led by wetland ecologist Aram Calhoun at the University of Maine’s Darling Marine Center. Calhoun, a UMaine professor of wetland ecology and conservation, opened the workshop with a primer on the ecology of vernal pools and their importance to the overall forest ecosystem. Vernal pools are seasonal wetlands which typically dry down each year or every few years. This seasonality ensures animals breeding in permanent waters that would prey on wood frogs and salamanders are largely absent most years. The temporary nature of vernal pools allows spotted salamanders, blue-spotted salamanders and wood frogs to successfully breed. Drawn by the promise of a good meal, small and large mammals — including moose and bear — frequent Maine vernal pool habitats this time of year. After discussing the connection of vernal pools to the larger forest landscape, Calhoun talked about a vernal pool mitigation mechanism that makes it easier to conserve these sensitive habitats. A collaboration of Maine town leaders, developers, conservation groups, and state and federal wetland regulators created the Special Area Management Plan for Vernal Pools (SAMP). The tool permits impacts to vernal pools in municipally designated development areas in exchange for compensation in municipally identified rural areas. “The SAMP goal is to make it easier for the pools and people to co-exist, and for communities to foster the rural character of their communities while maintaining economic vitality,” Calhoun says. “We have developed a voluntary vernal pool mitigation tool for eligible towns to proactively steward these important wildlife habitats. The certainty that this creates for landowners, developers and town leaders is really important.” Calhoun then guided attendees to vernal pools on the DMC property. DMC director Heather Leslie says active stewardship of the campus, including vernal pools, is a key element of the DMC’s newly drafted master plan. “Learning more about vernal pools on our campus and sharing knowledge of these important freshwater habitats is a logical extension of our commitment to connecting people to the saltier parts of our work, focused on coastal and marine ecosystems,” she says. The DMC campus has more than three miles of trails through the forest, fields and along the Damariscotta River. Visitors are welcome to walk the trails year-round from dawn to dusk.

UMaine to host Maine Bumble Bee Atlas training workshop, media report

21 May 2018

The Associated Press and [Bangor Daily News](#) reported the University of Maine will offer a volunteer training workshop for the Maine Department of Inland Fisheries and Wildlife’s Maine Bumble Bee Atlas. The atlas is a five-year survey looking to document different species of bumble bees around the state, as well as their ranges and abundance, the AP reported. The department said it will train volunteers in survey and data collection, and will also teach them about bumble bee conservation. Adult volunteers are required to register for a training workshop, according to the AP. The next one will be offered June 9 at UMaine. Those who register to attend the free workshop should be committed to contributing data to the project, and will be expected to choose one or more sites to survey in Maine throughout the field season, the BDN reported. [WABI](#) (Channel 5), San Francisco Chronicle and [WMTW](#) (Channel 8 in Portland) carried the AP report.

Press Herald mentions King Plaza as precedent for planned memorials in Portland

21 May 2018

The [Portland Press Herald](#) mentioned the University of Maine’s Dr. Martin Luther King Jr. and Coretta Scott King Memorial Plaza in an article about planned memorials in Portland to honor King. The article discussed the

recommendation by a task force to rename Portland's Bayside Trail and Franklin Street arterial after him, and noted that UMaine had dedicated its plaza on the 40th anniversary of King's death. Though King never visited Portland, he spoke in Brunswick and Biddeford, according to the article, and UMaine's plaza sets a precedent for other memorials in places King had not visited personally. If all proceeds according to plan, the renaming process could be completed within the next year, the article states.

UMaine names athletic director search committee, BDN reports

21 May 2018

The [Bangor Daily News](#) reported a 14-member search committee has been named to help select the next University of Maine director of athletics. Robert Dana, the chairman of the committee and the school's vice president for student life and dean of students, called it a "very robust and energetic" committee and said "there isn't a member of the committee who doesn't bleed blue for the entire institution." The committee includes three current UMaine head coaches, a player on the men's basketball team and a former Black Bear All-American football player, the BDN reported. "I'm very happy with the committee," Dana said. "It's a very good representation of the university. We have representation from athletics, academics, student life, the Alumni Association and people from the community. I wanted to have a balanced committee." Dana said he anticipates having a name submitted to new UMaine president Joan Ferrini-Mundy in July.

Laatsch quoted in Press Herald article on dark sky designations

21 May 2018

The [Portland Press Herald](#) quoted Shawn Laatsch, director for the University of Maine's Emera Astronomy Center, in an article on dark sky designations and the state's potential for astrotourism. Several locations in Maine are considering applying for official designation by the International Dark-Sky Association (IDA) as dark sky sanctuaries, parks or reserves — the Katahdin Woods and Waters National Monument, Acadia National Park and the Appalachian Mountain Club's Maine Woods Initiative land holdings in the 100-Mile Wilderness area. The IDA works to preserve "our heritage of dark skies through environmentally responsible outdoor lighting." According to Laatsch, "We have sort of taught our society to fear the dark," but the night sky has been used as a resource for navigation and agriculture, among other purposes, by different cultures around the world and throughout history, and the night sky is worth preserving and being recognized for its value. The [Sun Journal](#) also published the Press Herald report.

BDN interviews Garland about growing crops in boxes, baskets

21 May 2018

The [Bangor Daily News](#) spoke with Kate Garland, a horticulturist with the University of Maine Cooperative Extension, for an article about how to grow crops in hanging baskets and window boxes. Garland cited watering as the biggest challenge when it comes to hanging crops. With water escaping out of the bottom of the container, it can be tricky to keep the soil from drying out, according to the article. Therefore, it's important to water hanging crops daily, or even twice a day, Garland said. To ensure crops get enough nutrients, the soil in a container garden should be potting mix or a homemade blend of peat, perlite and compost, she added. The article also cited a UMaine Extension [bulletin](#) to help people create their own hanging gardens. The publication includes a list of vegetables that grow well in containers, such as red ace beets, oliver brussels sprouts, gold coin onions, littleleaf cucumbers, salad bowl lettuce, thumbelina carrots, ace sweet peppers and patio tomatoes. "These varieties are typically smaller in stature than their traditional counterparts," Garland said.

WABI covers windstorm, wind blade challenges held at UMaine

21 May 2018

[WABI](#) (Channel 5) reported on the Kleinschmidt Windstorm Challenge and the Maine Wind Blade Challenge, both held at the University of Maine on May 18. More than 300 middle and high school students from around the state brought their projects, which they had worked on extensively both in and outside of class, to the competitions, WABI reported.

Josh Plourde, communications specialist at UMaine's Advanced Structures and Composites Center, said the competition focused on renewable energy. The winning team members from both competitions were awarded a \$20,000 internship at UMaine, the report states. Event organizers said this type of event is designed to spark interest in engineering among young students.

NSF CAREER Award to fund unique research project

21 May 2018

Explaining the dynamics of an ice age landscape to a classroom of middle-schoolers can be a daunting challenge for teachers. Researchers in the lab examine evidence such as pollen and other tiny fossils, and particulate matter contained in sediment core samples to "see" what the ancient landscape once was. But how can this data be translated visually for others? With the help of virtual reality technology, University of Maine paleoecologist Jacquelyn Gill aims to use the valuable field data collected by her research team for the creation of a unique and powerful tool for educators and their students to become ice age forensic scientists in their school classrooms. Gill, an assistant professor of paleoecology and plant ecology, has been awarded a nearly \$800,000, five-year National Science Foundation (NSF) CAREER Award to fund her research project, Environmental Change and Extinction on the Mammoth Steppe. Gill and her team of student researchers will travel to various locations in Russia and Alaska to obtain sediment core samples to examine back in the lab. Gill is enthusiastic about this field work experience and what they hope to find. "We'll be taking sediment cores from Wrangel Island, which is the last known location of woolly mammoths on Earth (until just 3,600 years ago; mammoths had died out on the mainland before 10,000 years ago)," explained Gill. "We're especially interested in how the environment was changing when the ice age megafauna went extinct — did climate play a role? Or did the extinction cause surviving ecosystems to be more sensitive to climate change?" The project will provide multiple opportunities for students, local teachers and researchers to collaborate in the field and the lab. The results will benefit the education, mentoring and training of students as they incorporate data and technology research into a student-designed ice age virtual reality game. In particular, the project will allow students in rural communities an opportunity for cutting-edge science experiences in the classroom. Gill believes students will be excited to use virtual reality to visualize and learn about ice age landscapes. "I want to make the invisible world, visible," she says. "They will see mammoths walking across the landscape, knocking down trees, pooping, eating plants and other things they would have done, which will inspire them to become scientists and ask questions about what they are seeing." Lessons about the past can lead to solving the problems of the present. Gill hopes that incorporating science-driven research combined with virtual reality technology will motivate future generations of researchers to study their environment. "Herbivores remain some of the most threatened animals in our modern ecosystems, so understanding the 'Serengeti of the ice age' can help in the management of Earth's largest animals today, and may provide insights into the role native grazers play in a warming Arctic," says Gill. Contact: Christel Peters, 207.581.3571

UMaine develops new potato variety for gourmet, specialty markets

21 May 2018

The University of Maine has released a new gourmet potato variety, Pinto Gold. The potato was tested with the research identification number AF4659-12 and has been available in seed catalogs under that name since 2015. The potato is a high-yielding, yellow-fleshed specialty variety with excellent roasting and eating quality, according to Gregory Porter, who leads UMaine's potato breeding program. [caption id="attachment_60915" align="alignright" width="333"]



Pinto Gold blossoms

The oblong tubers have a red and yellow “pinto type” skin pattern, which makes them appealing to smaller specialty markets. The Pinto Gold variety name highlights the unique skin color pattern and the tubers’ yellow flesh. The potatoes, which can be described as creamy or waxy, are excellent roasted, but can also be used for boiling, pan frying, baking and in salads, says Porter, a professor of plant, soil, and environmental sciences, as well as agronomy. Smaller tubers can be harvested around 100 to 110 days after planting, however, they need a longer growing season to produce tubers that are large enough for baking, Porter says. The variety is adapted to cool, northern growing areas and produces a high yield of small tubers under those conditions. It has shown good to moderate bruise resistance, and hollow heart problems have not been observed. Under Maine conditions, most tubers will have good shape, but there will be some bent or pointed tubers. Prevalence of these off-shapes becomes a severe problem in hotter growing areas to the south of New England, according to Porter. The potato resulted from an initial cross between A99331-2RY and US147-96RY by the USDA-ARS potato breeding program in Aberdeen, Idaho in 2006. Unselected plant material from the USDA cross was sent to UMaine in 2008. The plant material was grown in the field at UMaine’s Aroostook Research Farm in Presque Isle and AF4649-12, subsequently named Pinto Gold, was selected from the plant material in October 2008. AF4659-12 continued to show promise in research trials conducted in Maine from 2009 to the present. Beginning in 2012, seed samples were sent to organic growers for small-scale production and marketing trials. Pinto Gold is the fourth potato variety released by UMaine since 2014. The university, in partnership with the Maine Potato Board, previously released Easton, Sebec and Caribou Russet. Although Pinto Gold will likely never be produced on thousands of acres in the state, Porter says, he believes it will be beneficial for small-scale growers, restaurants, home cooks and gardeners. “They’re pretty, unique and the tastiest roasting potatoes you could ever have,” he says. Contact: Elyse Catalina, 581.3747

University of Maine Museum of Art announces summer exhibitions

22 May 2018

The University of Maine Museum of Art has announced its summer exhibitions, running May 25 through Sept. 1. Helen O’Leary’s “Safe House” consists of works showcasing a combination of painting and sculpture methods through

repurposed materials emerging from “the chiseling of earlier attempts” to reflect the process of her work. Diana Schmertz’s “They Are Each Other For A While” is a collection of paintings focusing on the self related to others, and human interaction. Steve Bartlett’s “Works from 2013–2018,” a collection of sculptures large and small made from ash, oak and walnut, present organic and geometric shapes. The works in this collection include several never-before-seen pieces from 2017 and 2018. Eric Lindveit’s “Sylvan Natural History,” a series of dimensional paper works depicting close-ups of New York City trees, are a representation of a “built environment” and a relationship to the natural world. The museum is open 10 a.m. to 5 p.m. Tuesday through Saturday, and is located at 40 Harlow Street in Bangor. Admission is free in 2018 thanks to Deighan Wealth Advisors. More information about the museum and its exhibits is [online](#).

Blue Sky Outcomes report, video available online

22 May 2018

In January 2017, the University of Maine engaged in a campuswide assessment of the Blue Sky Plan, the strategic plan that served as a guide for key decisions from 2012–17. The Blue Sky Outcomes report is now available on the [Blue Sky website](#), which also includes “Blue Sky +5,” a short video highlighting key accomplishments, as well as archived materials on the Blue Sky Project and the Blue Sky Assessment process. <https://youtu.be/9wvSVZCoU94>

Press Herald reports on new UMaine energy proposal

22 May 2018

The [Portland Press Herald](#) reported on the University of Maine’s new energy proposal that calls for biomass and solar. UMaine would get much of its heat and electricity from an on-campus Renewable Energy Center fueled by locally harvested wood and a huge solar array, according to a plan being negotiated by the University of Maine System and Honeywell International. The new central heating and power plant could be a “living laboratory” for the school’s forestry and engineering students, and showcase UMaine’s emerging interest in sustainability solutions and technologies under the Honeywell plan, the article states. The energy system conversion is being driven in part by UMaine’s goals of drastically cutting emissions associated with climate change. It seeks to virtually eliminate net greenhouse gas emissions by 2040, the Press Herald reported.

WABI interviews Bayer about lobster shell jewelry

22 May 2018

A [WABI](#) (Channel 5) report on jewelry made from lobster shells quoted Bob Bayer, executive director of the University of Maine Lobster Institute. Bayer was contacted by Giada Giachino, an Italian student studying jewelry design in London, about using lobster shells as a replacement for endangered coral in jewelry, according to the report. Bayer sent shells, which usually end up in landfills, to Giachino who hopes to expand the technique to making tiles and furniture in the future. The Lobster Institute works with the lobster industry from Long Island, New York to Newfoundland, and its main goal is sustainability, WABI reported. The institute would like to bring Giachino’s creations to Maine, where “we’ll be buying lobster shells or she will, and hopefully some of this money goes back to fishermen,” Bayer said.

Dill speaks with Maine Public about tick-borne illness that causes reaction to red meat

22 May 2018

Griffin Dill, an integrated pest management specialist with the University of Maine Cooperative Extension, spoke with [Maine Public](#) for a report about a new tick-borne illness transmitted by the lone star tick that can cause an allergic reaction to red meat. Historically, the lone star tick has been found in the southern U.S., but populations have been found in coastal Connecticut and Massachusetts — and there are rare instances of people getting bitten in Maine, according to the report. Unlike other ticks that passively wait on vegetation to latch onto whatever brushes against it, the lone star tick is more aggressive, the report states. “It’s a little bit scarier I guess in thinking about the fact that it will kind of pursue you,” Dill said, adding the tick detects and actively pursues its host. However, he advises to keep things

in perspective. “I think I could outrun it,” he said. [News Center Maine](#) also mentioned UMaine Extension in a report on the tick-borne illness.

WABI quotes Armstrong in report on intimate partner violence conference

22 May 2018

[WABI](#) (Channel 5) quoted Elizabeth Armstrong, an assistant professor in the University of Maine School of Social Work, in a report on an intimate partner violence conference in Belfast. Armstrong said the conference is, to her knowledge, the first training in the state to address new licensing requirements for social workers to complete 12 hours of continuing education or coursework on the topic. The two-day conference was held at UMaine’s Hutchinson Center and featured speakers from different outreach programs in the state. The event was held to educate those attending and recognize advances in addressing the issue of intimate partner violence, while also aiming to “build a really cohesive vision of what the ideal systems level community response could look like moving forward,” Armstrong said.

BDN interviews Jackson about invasive flowers

22 May 2018

The [Bangor Daily News](#) spoke with Tori Jackson, a University of Maine Cooperative Extension associate professor of agriculture and natural resources, for an article about invasive flowers in Maine. Yellow iris, ornamental jewelweed and black swallow-wort may be pretty, but they can smother the state’s native flora and provide less-nutritious food for native fauna, according to Jackson. “This beauty comes at a steep price,” she wrote in the May edition of [Maine Home Garden News](#), a monthly newsletter published by UMaine Extension. The three plants were singled out by the Maine Natural Areas Program as priority species this year, with the hope that more awareness of them by Mainers will lead to early detection and eradication, the article states. “They’re new enough that a lot of gardeners may not have seen them yet,” Jackson said. “All home gardeners and homeowners and people who care for landscapes are really the first line of defense when it comes to invasive species. Keeping an eye out will be a great public service that home gardeners can do.” According to Jackson, the best thing to do as soon as a homeowner notices a plant they’ve never seen before is to get it identified. If they can’t do so on their own, they can head to their local UMaine Extension office to consult with the horticulturists there, the BDN reported.

UMaine Extension publications offer tips on grilling safety, lawn maintenance, insect repellent

23 May 2018

The University of Maine Cooperative Extension offers information and tips for enjoying the warm weather and staying safe this Memorial Day weekend and beyond. Resources serve to educate readers on food safety for grilling and camping, cooking and pickling fiddleheads, protecting against insects, as well as growing produce and healthy lawns. Visit the UMaine Cooperative Extension [Publications Catalog](#) for bulletins including:

- [Facts on Fiddleheads](#)
- [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](#)

- [Vegetables and Fruits for Health: Rhubarb](#)
- [Growing Rhubarb in Maine](#)
- [Growing Peaches in Maine](#)
- [Let's Preserve: Refrigerator Spring Pickles](#)

Price lists are [online](#).

Maine 4-H featured in 2018 STEM for All Video Showcase

23 May 2018

A [video](#) of Sandy Copel-Parsons, a 4-H community education assistant for the University of Maine Cooperative Extension in Machias, is included in the National Science Foundation's [2018 STEM for All Video Showcase](#). Copel-Parsons is a representative for Maine 4-H, a partner in the STEM Guides program. The showcase is a way for more than 200 federally funded projects, transforming the STEM educational landscape, to share short videos of their work. Researchers, practitioners, policymakers and the general public are invited to post to the discussions and share feedback. Voting for favorite videos closed May 21. The STEM Guides video was one of 20 to receive a "[Facilitator's Choice](#)" recognition, and it was the fourth most discussed video. The STEM Guides are community members who connect youth in rural communities to STEM learning opportunities outside the classroom. They work within five STEM Hubs, located in rural and low-income regions of the state, including Down East, Dexter-Dover, Oxford Hills, Central Lincoln County and Blue Hill.

Mount Desert Islander previews talk by Cruikshank

23 May 2018

The [Mount Desert Islander](#) previewed an upcoming discussion by Margaret Cruikshank, author and faculty associate at the University of Maine Center on Aging. The discussion, centered on the role of literature in helping people through the aging process, will take place at the Jesup Memorial Library at 1:30 p.m. May 26. The Maine Center on Aging is dedicated to education, training, research and evaluation, and community service related to aging. Prior to her role with the center, Cruikshank worked in UMaine's women's studies department, the Mount Desert Islander reported. She is the author of "Learning to be Old: Gender, Culture and Aging" and the editor of "Fierce with Reality: Literature on Aging." The talk is part of Age By Design, a series sponsored by the library, YWCA Mount Desert Island, Mount Desert Island YMCA and Island Connections.

Dill interviewed for BDN article on beavers

23 May 2018

Griffin Dill, an integrated pest management professional for the University of Maine Cooperative Extension, was interviewed for the [Bangor Daily News](#) article, "Here's what to do when a beaver family moves to your property." Dill discussed the positive and negative aspects of having beavers in your yard, and explained that, "You need to ask yourself if you can tolerate them or if their presence is causing actual harm to your property." Beavers can play an important role in the ecosystem by creating habitats for other species, the BDN reported. But they also can be responsible for damage to trees and flooding that can affect others' properties as well, and can transmit disease if humans drink the water they swim in, according to Dill.

Bogucki writes BDN op-ed

23 May 2018

Olivia Bogucki, a doctoral candidate in clinical psychology at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled "Separating fact from fiction in late-life depression." Bogucki 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.

Beal speaks with Press Herald about climate change effects on Maine clam industry

23 May 2018

Brian Beal, a professor of marine ecology at the University of Maine at Machias, spoke with the [Portland Press Herald](#) for the article, "Climate change to have drastic effects on Gulf of Maine lobster, clam fisheries." Recent research suggests Maine's soft-shell clam industry could collapse unless steps are taken to protect the fishery from green crabs that are thriving in the state's warming waters, according to the Press Herald. "Something is out of whack and we need to do something about it. We need to adapt," said Beal, who has studied soft-shell clams for more than 30 years. Without an "introduction of some revolutionary thinking to the clam industry," Beal said, Maine may not have much of an industry left in the near future as the green crab spreads and multiplies in the warming waters. When Beal began conducting professional research in the mid-1980s, it was possible to get survival rates of 50 percent to 60 percent for young clams placed in unprotected areas, the article states. Now they are seeing survival rates of 5 percent or less. In some areas of Casco Bay, less than 0.01 percent of juvenile clams survived beyond their first year, he said. "We are going to lose an iconic fishery, and we are going to lose it either because people don't care about it or they just don't believe" in the science, Beal said. [The Times Record](#) also published the Press Herald article.

Media report on new potato variety developed by UMaine

23 May 2018

[Mainebiz](#), The Associated Press, [The Daily Meal](#), [News Center Maine](#), [The Ellsworth American](#) and [Q106.5](#) reported on a new gourmet potato variety developed by the University of Maine. Pinto Gold is a high-yielding, yellow-fleshed specialty variety with excellent roasting and eating quality, according to Gregory Porter, who leads UMaine's potato breeding program. The oblong tubers have a red and yellow "pinto type" skin pattern, which makes them appealing to smaller specialty markets, and the Pinto Gold name highlights the unique skin color pattern and the tubers' yellow flesh, [Mainebiz](#) reported. Porter, a professor of plant, soil, environmental sciences and agronomy, said the potatoes are excellent roasted, but can also be used for boiling, pan frying, baking and in salads. Pinto Gold is the fourth potato variety released by UMaine since 2014. Although Pinto Gold will likely never be produced on thousands of acres in the state, Porter said he believes it will be beneficial for small-scale growers, restaurants, home cooks and gardeners. "It's got a very nice, mild potato flavor, and kind of moist texture," Porter told [The Daily Meal](#). "It produces a small potato that you can easily cut into halves or quarters, the right size for roasting, and the red and yellow skin and yellow flesh makes for an attractive dish." [FreshPlaza](#) also reported on the potato, citing [Mainebiz](#). [U.S. News & World Report](#), [The Sacramento Bee](#), [Potato Pro](#), [The Seattle Times](#), [Bangor Daily News](#), [WAGM](#) (Channel 8 in Presque Isle), [WMTW](#) (Channel 8 in Portland) and [NECN](#) carried the AP report.

Livingston, De Urioste-Stone, Daigneault guests on Maine Public's 'Maine Calling'

23 May 2018

The University of Maine's William Livingston, associate director for undergraduate education and an associate professor of forest resources; Sandra De Urioste-Stone, an assistant professor of nature-based tourism; and Adam Daigneault, an assistant professor of forest, recreation and conservation policy, were recent guests on Maine Public's "[Maine Calling](#)" radio show. The show focused on the relationship between humans and forests, and how the forests have changed in the past few decades.

Social media spotlight: Emma Fournier

24 May 2018

Hometown: Turner, Maine In May, after just three years of college, Emma Fournier earned a degree in biology with a concentration in pre-medical studies. She teamed with assistant professor Allison Gardner to identify regions in Maine most vulnerable to Lyme disease and to explore if dogs are sentinels for Lyme disease transmission. "I love to travel and

I'll be taking some time this summer for small trips — to Charlottetown, PEI and Charleston, South Carolina. [In the fall], I'll be starting at the Cummings School of Veterinary Medicine at Tufts University. I hope to specialize in small animal surgery and further explore my interests in wildlife medicine. I love that UMaine has the feel of a big university with plenty of opportunities but still feels like a tight-knit community." See posts featuring Fournier on UMaine's [Facebook](#) and [Instagram](#) pages.

Social media spotlight: Samantha Frank

24 May 2018

Hometown: Windham, Maine Nursing major and four-time National Collegiate Wrestling Association champion Samantha Frank marched at Commencement in May. She recently concluded her career as a Black Bear grappler with a 44–0 record. "Wrestling is a good practice run for life. Nursing is really hard. The biggest thing for me is I have strong faith and a big heart. I love to help people and feel like I've made a difference in someone's life, and what better way to help than helping them be well. I love to do anything outside. I love sports and just playing around for fun. I really like to find activities for all seasons," says Frank, who enjoys snowboarding, spending time with family and boating. See posts featuring Frank on UMaine's [Facebook](#) and [Instagram](#) pages.

Student wins first place in AGU's 2018 Spring Virtual Poster Showcase

24 May 2018

Nick Richmond, a master's student in the University of Maine's School of Earth and Climate Sciences, won first place in the American Geophysical Union's (AGU) [2018 Spring Virtual Poster Showcase](#). Richmond was recognized in the "Graduate Showcase" category for his project, "3-D Bedrock Channel Evolution with Smoothed Particle Hydrodynamics Coupled to a Finite Element Earth." The showcase included 67 students from around the world who presented their work and contribution to the fields of Earth and space science, according to the AGU. The showcase recognizes first-, second- and third-place winners at the graduate, undergraduate and high school levels, as well as one honorable mention in each category. The nine lead authors receive a plaque and complimentary AGU membership in 2019. As a first-place winner, Richmond also will receive a student travel grant to attend the 2019 AGU fall meeting in San Francisco, California. A video of Richmond presenting his poster is [online](#).

Clean Sweep Sale to be held May 25–26 at Alford Arena

24 May 2018

The University of Maine will hold the annual Clean Sweep Sale 11 a.m.–6 p.m. Friday, May 25 and 8 a.m.–2 p.m. Saturday, May 26 in Alford Arena. 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. Payment with cash, credit and debit will be accepted. Proceeds will be used to support programs and services offered through UMaine's Bodwell Center for Service and Volunteerism, including the Black Bear Exchange, Black Bear Mentors and Tutors, Maine Day and meal-packing events. Presale photos will be posted on the UMaine Bodwell Center [Facebook](#) page. For more information, call the Bodwell Center at 581.3091.

Morning Ag Clips, Turner Publishing report on UMaine Extension's tips for using June produce

24 May 2018

[Morning Ag Clips](#) and [Turner Publishing](#) reported the University of Maine Cooperative Extension publishes information to help find, grow, use and store in-season fruits and vegetables in Maine. The UMaine Extension [website](#) offers bulletins to fit the season, including June favorites such as [Let's Preserve Strawberries](#), [Let's Preserve: Jellies, James, Spreads](#), [Freezing Fruits](#) and [Vegetables and Fruits for Health: Peas](#). Freezing berries in season and making your own low-sugar jams and jellies are simple, easy ways to increase your access to a year-round supply of local foods, cut back on sugar and reduce your grocery bill, according to the report. Kathy Savoie, a UMaine Extension educator, cautions that you should get up-to-date information if you are planning on canning food, the article states. Updated

recommendations are available at your local UMaine Extension office, [online](#), or by calling 800.287.0274.

Cooperative Extension 4-H Blueberry Cove Camp featured in St. George Dragon

24 May 2018

An article in the [The St. George Dragon](#) featured Blueberry Cove Camp, part of the University of Maine Cooperative Extension 4-H program, which is taking initiative to involve youth in food systems education. The camp, located in Tenants Harbor and running from the end of June through most of August, gives children all the traditional fun activities of a summer camp in Maine, plus the opportunity to help with the gardens and raise livestock to produce food for the camp, The St. George Dragon reported. Campers help weed, water and harvest produce, and then are able to eat the fruits of their labor. Since the growing season extends beyond the camp season, plans are in place to continue the community aspect of the camp's efforts, according to the article. "So our big dream is to become a year-round environmental learning center, a resource and asset to this and other Maine communities," said Ryan LeShane, the camp's director. The camp plans to winterize its dining hall, and renovate an adjacent building that will serve as a science center and leadership training center, where technology will be used to connect with UMaine directly to share resources, LeShane told The St. George Dragon.

Press Herald reports on alumna making top 10 in Miss USA

24 May 2018

The [Portland Press Herald](#) reported that Marina Gray, a sergeant in the Army National Guard and a University of Maine alumna, made it to the top 10 in the Miss USA pageant. Gray, a Portland native, was named Miss Maine USA and represented the state in the national competition on May 21 in Shreveport, Louisiana, the [Press Herald](#) reported. Gray overcame challenges early in life, becoming legally independent at age 16, graduating high school a year early, and receiving a degree in interpersonal communication from UMaine in 2016, according to the article. [WABI](#) (Channel 5) and [WVII](#) (Channel 7) also reported on Gray.

Story of UMaine's Sculpture Trail featured in Slippery Rock Gazette

24 May 2018

An article about the self-guided walking tour of sculptures at the University of Maine, developed in 2016 by Marisue Pickering, a professor emerita, and John Pickering, an alumnus, was featured in the May 2018 issue of the [Slippery Rock Gazette](#). Three of these more than 30 sculptures were created as part of the Schoodic International Sculpture Symposiums, a series of five events between 2007–14 that invited talented sculptors to Maine and "engaged individuals and communities in public art and resulted in a large public art collection in Eastern Maine," according to the symposium [website](#). UMaine hosted the 2012 symposium. The Pickerings are retired, and having written a book featuring local attractions, wanted to promote sculptures on the UMaine campus. The couple worked with the Division of Marketing and Communications on the project. The owners of the Littlefield Gallery in Winter Harbor, who have UMaine connections, also played an important role in the process, donating a number of pieces to the campus, the article states. Two sculptures have recently been added to the UMaine tour, one by Kazumi Hoshino and the other by Andreas von Huene. Other artists include Hugh Lassen, Mark Herrington, Tim Shay, Johnny Turner, Matt Foster and Jesse Salisbury. Some of the art on campus has been paid for through the Percent For Art program. The Pickerings said they plan to continue working with UMaine and others to promote the tour and Maine attractions. All of UMaine's self-guided walking tours are [online](#).

VillageSoup advances Riordan's talk on Maine's bicentennial

24 May 2018

[VillageSoup](#) reported Liam Riordan, a history professor at the University of Maine, will speak on "Past and Present Perspectives on Maine's Bicentennial," June 6 in Union Historical Society's Old Town House in Union. The 7:30 p.m.

illustrated presentation will explore the statehood process in Maine that culminated in 1820 with formal separation from Massachusetts, according to the article. Refreshments will be served following the program, VillageSoup reported.

WABI previews Clean Sweep Sale

24 May 2018

[WABI](#) (Channel 5) reported the University of Maine will hold its annual Clean Sweep Sale 11 a.m.–6 p.m. May 25 and 8 a.m.–2 p.m. May 26 in Alford Arena. 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. The event is hosted by UMaine’s Bodwell Center for Service and Volunteerism, with all proceeds going to the Black Bear Exchange and other programs. “It has grown into a ginormous yard sale,” said Lisa Morin, coordinator of the Bodwell Center. “We have 18 residence halls and we have drop stations in every residence hall so the students can keep things that still have useful life from going into the trash. I had a group of students a couple years ago that worked with me they came up with the slogan, ‘recycle, reuse, give back,’ and that’s totally what we do.” Prices are firm on Friday, but everything must go Saturday, WABI reported.

Drummond speaks with WABI about beekeeping

24 May 2018

Frank Drummond, a professor of insect ecology at the University of Maine and the insect pest management and blueberry extension pollination specialist for the University of Maine Cooperative Extension, was interviewed by [WABI](#) (Channel 5) for a [two-part series](#) on beekeeping in Maine. The popularity of beekeeping is increasing — there are over 1,000 beekeepers in Maine, and the number of registered hives doubled between 2007 and 2011, WABI reported. Drummond has been involved in beekeeping for over 50 years and has been researching bees for decades. According to Drummond, “learning from others who are more experienced is the best way,” which he says can be accomplished through joining a local county club chapter of the Maine State Beekeepers Association. Drummond also discussed with WABI how Maine imports bees to meet the demand for pollination for agricultural industries, especially blueberries. But bee populations are suffering heavy losses — up to 50 percent last year. By using the lowest dose of plant-based pesticides to keep parasitic mites and other pests away, bees can be protected, WABI reported.

Isenhour interviewed for News Center Maine report on plastic straws

24 May 2018

Cindy Isenhour, an assistant professor of anthropology and climate change at the University of Maine and a cooperating faculty member at the Climate Change Institute, was interviewed by [News Center Maine](#) for a report on reducing plastic straw waste. Many restaurants in Maine, from Portland to Bar Harbor, are looking for alternatives to plastic straws ahead of the busy summer season — but not just to discourage people from asking for them, according to the report. “Interestingly enough in terms of materials used, that doesn’t make as much of a difference as the social pressure that it generates,” Isenhour said of individual consumer efforts. The larger movement will eventually shift the responsibility to manufacturers to meet demand for alternatives to plastic, Isenhour told News Center Maine.

WABI reports on Townsend’s grant to study aging fat tissue

24 May 2018

[WABI](#) (Channel 5) spoke with Kristy Townsend, an assistant professor of neurobiology at the University of Maine, about her recent \$750,000 grant from the American Heart Association to study the aging of fat tissue and its effects on cardiovascular and metabolic conditions. The project, a collaboration with a researcher at The Jackson Laboratory in Bar Harbor, could lead to breakthroughs when it comes to diabetes and obesity, WABI reported. The researchers, who will study the fat tissue of older mice, have found that over time, the tissue can lose its nerve supply, which impacts communication with the brain and can lead to obesity and diabetes. The study aims to find ways to reverse that process, WABI reported. “There’s a lot of aging research going on in Maine right now,” Townsend said. “We have the oldest

median age of any state in the country. This is a molecular project looking at aging, and not just looking at how we can improve the care of the elderly as they get older, but also to look at the mechanisms behind healthy aging and how it might be able to promote more healthy aging in Maine's population and how that might even relate to metabolism. So, healthy diet and exercise, things like that." Much of the work on the study is being done by UMaine students, according to Townsend, who said she hopes the project inspires other students to get involved with research.

Social media spotlight: Danielle St-Pierre

24 May 2018

Hometown: Clifton Park, New York Danielle St-Pierre graduated in May with a degree in food science and a minor in chemistry. She is enrolled in an accelerated Master of Science food science program at UMaine. "I enjoy studying complex interactions between different compounds in food. This is part of what drew me to study kombucha (fermented, effervescent sweetened black or green tea drinks). It's a complex beverage with lots to discover. The opportunity to do undergraduate research in a laboratory setting under the guidance of Dr. L. Brian Perkins allowed me to gain insight that complements my classroom learning. I participate in a multitude of on-campus activities — swimming, walking on trails and Zumba. During school breaks, I extend my support to Yankee Distillers (where I interned) by assisting in the tasting room and at farmers markets." See posts featuring St-Pierre on UMaine's [Facebook](#) and [Instagram](#) pages.

Maine 4-Hers team up with Microsoft to become 'Tech Changemakers'

25 May 2018

Five teen leaders from the University of Maine Cooperative Extension Washington County 4-H are committed to bringing positive change to the local community by leveraging the power of technology to tackle the issue of food insecurity. With support from the National 4-H Council and Microsoft Philanthropies, the 4-H Tech Changemakers are interviewing Washington County community organizations and surveying individuals to learn about efforts to address food insecurity in the region. They are building a website where community members can learn more about local farms and food pantries, as well as countywide efforts addressing issues related to food insecurity. [caption id="attachment_61001" align="aligncenter" width="700"]



The 4-H

Tech Changemakers, from left, Inez, Mikaila, Paige, Sam and Forrest, show off the Surface Pros donated by Microsoft to assist them with their local project focused on addressing food insecurity. [./caption] “Young people have incredible creativity, energy and passion when it comes to improving the communities they love,” said Jennifer Sirangelo, president and CEO of National 4-H Council. “What makes this new program unique is that 4-H and Microsoft are teaming up to give young people in Washington County the training, resources and support they need to make real and lasting positive community change.” The project is part of a national partnership that equips young people with the digital skills and resources they need to make a positive impact in their communities. 4-H Tech Changemakers places young people at the center of community improvement. Microsoft’s TechSpark program launched in 2017 with a focus on accelerating economic growth through regional internet connectivity, digital and career skills development, nonprofit support and digital business transformation. “We want community members to better understand their local food system, and learn about ways they can help address the issue of food insecurity,” said 4-H Tech Changemaker teen leader Paige. “We hope to use technology to help tell the story of how farmers, local organizations and community members are working to help solve this problem and get even more people involved.” The 4-H team is recruiting peers and volunteers to participate in the project. In coming months, the teen leaders will work with local organizations, community members and elected officials. Machias area residents interested in getting involved or learning more are encouraged to call the UMaine Extension office in Machias at 255.3345 or email Jen Lobley at jennifer.lobley@maine.edu.

UMaine earns Gold Level Status in Exercise is Medicine On Campus initiative

25 May 2018

The University of Maine has been recognized with Gold Level Status for the Exercise is Medicine On Campus (EIM-OC) initiative. This is the highest level of recognition that can be earned for the initiative, requiring the university to

facilitate collaboration between multiple groups to implement the EIM-OC goals. Cutler Health Center and Campus Recreation in collaboration with the College of Kinesiology and Physical Education (KPE) refer patients to the recreation center to be matched with KPE student interns who serve as personal trainers or physical activity mentors to patients. Students in the KPE program made considerable contributions to programming and forming a student organization. Caitlin Caserta, assistant director for fitness at the New Balance Student Recreation Center, also played a large role in coordinating the efforts. “The students’ goal is to meet the client where they are at in their fitness journey and make physical activity part of their daily routine. In addition, we educate the community on the benefits of physical activity through tabling around campus and eventually hosting our own events,” Caserta says. The initiative also included collaboration with the offices of President Susan J. Hunter and Vice President for Student Life and Dean of Students Robert Dana to host the program’s kickoff celebration. President Hunter also signed a proclamation declaring October Exercise Is Medicine on Campus Month. The program aims “to establish physical activity as a vital sign within the health care system and link health care professionals to fitness professionals to provide a referral system for appropriate exercise prescription,” according to its [website](#). UMaine will receive official certification from the American College of Sports Medicine, which sponsors the initiative and related challenges, following the ACSM annual meeting May 29–June 2.

UMaine mentioned in BDN article on proposed farm bill

25 May 2018

The University of Maine was mentioned in the [Bangor Daily News](#) article, “Proposed farm bill could mean bad news for Maine’s organic farmers.” Reviewed and renewed every five years, the farm bill includes funding and policy language on federal trade, commodity programs, rural development, conservation, agricultural research, food and nutrition programs and marketing, the article states. Those in the state’s agricultural offices are keeping an eye on the farm bill’s progress but said there is still a long way to go before a final bill is signed. Two of Maine’s top crops — potatoes and blueberries — reap \$600,000 worth of benefits every year thanks to funding in the current farm bill, according to Walter Whitcomb, commissioner of the Maine Department of Agriculture, Conservation and Forestry. Despite being common in Maine, the crops are considered “specialty crops” on the national level and are thus eligible for the federal Specialty Crop Block Grant money, the BDN reported. “That money is used to fund research and programs for those two crops,” Whitcomb said. “The bulk of it goes to the Maine Blueberry Commission and the Maine Potato Board with some also going to the University of Maine.”

WABI covers annual Maine Learning Technology Initiative

25 May 2018

[WABI](#) (Channel 5) reported more than 1,000 middle and high school students and their teachers attended the 15th annual Maine Learning Technology Initiative held at the University of Maine. The conference offers students hands-on learning experiences on how to use technology in a variety of ways, WABI reported.

Media report on windstorm challenge winners

25 May 2018

A team of students from Spruce Mountain High School won first place in the Kleinschmidt Windstorm Challenge, and a team from Orono High School won first in the 10th annual Maine Wind Blade Challenge at the University of Maine Advanced Structures and Composites Center on May 18, [Turner Publishing](#) reported. More than 350 middle and high school students from around the state competed in the windstorm challenge to design and build a scale model of a floating wind turbine platform, test it in the center’s simulation facilities, and present their project to a panel of judges. The first-place winners were offered a \$20,000 internship at the center if they enroll at UMaine. “We’re confident that some of Maine’s best future engineers, scientists and entrepreneurs were here today, and our goal is to inspire them to create opportunities in our state,” Habib Dagher, executive director of the UMaine Composites Center, told Turner Publishing. The [Sun Journal](#) also reported on Spruce Mountain High School’s win and [The County](#) reported that in the middle school division, the Caribou Middle School Wave Runners were tops, Brewer Community School’s Dream

Team took second and Caribou Middle School's Northern Breeze placed third.

Assistant coach's social media post goes viral, WABI reports

25 May 2018

[WABI](#) (Channel 5) reported a Twitter post by Jhasmin Player, assistant coach of the University of Maine women's basketball team, has gone viral. The video of Player speaking about the strained relationship between coaches and parents has been viewed almost a million times and retweeted 12,000 times, according to the report.

Bayer quoted in Journal de Québec article on blue lobsters

25 May 2018

[Le Journal de Québec](#) interviewed Robert Bayer, the executive director of the Lobster Institute at the University of Maine, for an article about rare blue lobsters. Bertrand Desbois of the Raymond Desbois de Québec Fisheries reported catching a blue lobster for the second consecutive year near Anticosti Island, according to Le Journal. The lobsters' rarity means that they are almost never sold and instead are given to aquariums or research institutes. "If you breed two blue lobsters, the offspring will be blue. We see some blue lobsters each year. They are very beautiful and attract attention," Bayer said.

Japan Times interviews Socolow about award-winning book

25 May 2018

[The Japan Times](#) published an article on Michael Socolow, an associate professor of communication and journalism at the University of Maine, and his latest book, "Six Minutes in Berlin: Broadcast Spectacle and Rowing Gold at the Nazi Olympics." The book caught the attention of the Library of American Broadcasting Foundation, which named Socolow the winner of its 2018 Broadcasting Historian Award, the article states. The article also included a Q&A with Socolow where he discusses the book, general thoughts on the evolution of the Olympics across the decades and various innovations in sports media since the early days of radio.

Research points to ancient, undisturbed Antarctic ice core, media report

25 May 2018

[Gizmodo](#), [Quartz](#), [The TeCake](#) and [LabRoots](#) reported on a new study published in Geophysical Research Letters by researchers at the University of Washington and University of Maine. The current record for a continuous ice core is 800,000 years, but the new research shows an even older continuous core may exist deep within the Allan Hills Blue Ice Area in East Antarctica — one that could contain a complete Antarctic climate record over the past one million years, Gizmodo reported. The site had been rejected in the past as a candidate for continuous ice cores, because the base of the ice sheet appeared to be disturbed, but data collected by the UW and UMaine researchers suggests an extensive, unbroken chain of icy stratigraphy lies below, the article states. UMaine researchers Seth Campbell, Andrei Kurbatov and Nicole Spaulding are co-authors on the study.

WMTW interviews Ippolito about Facebook data and privacy

25 May 2018

[WMTM](#) (Channel 8 in Portland) interviewed Jon Ippolito, a professor of new media at the University of Maine, for a video about how Facebook uses personal data to inform targeted advertising. Ippolito discussed the Cambridge Analytica scandal, calling it "a kind of mind control that you don't see happening directly." He also gave advice for modifying privacy settings on Facebook to prevent as much of the behind-the-scenes data collection as possible, because digital privacy is a matter of how much people are willing to share for the sake of convenience. "We're making our own lives the story that other people are buying," Ippolito told WMTW.

Biochemist, physicist team to see antibacterial TCS deform mitochondria

25 May 2018

Grocery shopping can be an illuminating chore for a toxicologist. Julie Gosse, a University of Maine associate professor of molecular and biomedical sciences, has scanned the supermarket aisles for products that contain triclosan (TCS), a synthetic antibacterial agent. Since the '90s, TCS has been in a slew of consumer products, including facial cleansers, toothpaste, mouthwash and hand sanitizers. For years, Gosse has studied TCS, which for decades also has been used as a hospital scrub to reduce risk of infection. She became interested in examining triclosan when listening to a talk by Environmental Protection Agency scientist Susan Richardson and noting that the molecular structure of TCS resembles the molecular structure of dioxins, which are toxic environmental pollutants. In 2016, the Food and Drug Administration banned triclosan from consumer bar soaps, liquid soaps and body washes. At that time, the FDA challenged manufacturers to either prove TCS was more effective at killing germs than plain soap, or to remove it from their soap product within a year. The antimicrobial agent, which is readily absorbed into the skin and the lining of the mouth, has recently been found to have detrimental effects on human fertility, development, thyroid function and immunology, and has been associated with increased occurrence of asthma. Then, about six months ago, the FDA also announced a ban on products such as hand washes and antiseptic rubs containing TCS that are used in medical settings. There's no such ban on Colgate Total, the popular toothpaste that contains TCS. That's because it's been found to be more effective at treating gingivitis than toothpaste without it. Gingivitis is an important health concern as it can lead to tooth loss. And research has indicated the bacteria that causes periodontitis can enter a person's bloodstream and harm the heart and lungs. Gosse understands why people with gingivitis would use Colgate Total; she just wants millions of people without gingivitis who also use the product to be aware of possible risks. "Our job is to do the best science we can do and make people aware," she says. "As scientists, we communicate our findings, and the public or companies or government decides what they should do." Triclosan also remains in certain "antibacterial" products not under the FDA's control — such as cutting boards and baby products. In various studies, Gosse and colleagues have made multiple discoveries about TCS. In conducting their research, they've used TCS dosages that correspond to doses people are exposed to when brushing their teeth or showering with products that contain the antimicrobial. One discovery is that TCS is a mitochondrial uncoupler. That is, it's toxic to mitochondria, which are the energy powerhouses of cells. When mitochondria are deformed or shut down, they can't make the energy that cells need to perform functions — including immune defense. One study outside of UMaine found increased TCS levels in mothers of babies with birth defects. Another study, also outside of UMaine, indicated mitochondrial dysfunction was linked to cognitive decline in monkeys. Gosse determined TCS is 30 to 60 times more toxic than 2,4-dinitrophenol, another uncoupler once used in diet drugs (and to make explosives) that was banned in the late 1930s because it resulted in death or severe side effects. In UMaine's most recent study, the team sought to determine the mechanisms underlying TCS disruption of mitochondrial function and mast cell signaling. To do so, Gosse and her doctoral student Lisa Weatherly teamed with professor of physics Sam Hess and his doctoral student Andrew Nelson. Hess invented a fluorescence photoactivation localization microscopy (FPALM) technique that allows researchers to witness triclosan's deformation of live cells' mitochondria, in real time. Mitochondria are generally an elongated oval shape. TCS either deforms mitochondria from an oval to a doughnut shape or breaks up the energy powerhouses, within minutes. Gosse has pored through conference proceedings and publications and believes the UMaine team is the first to use super-resolution microscopy work in the field of toxicology. Following up on the microscope findings, Gosse and her team determined the biochemical mechanisms that underlie triclosan's fission of mitochondria — including generation of damaging reactive oxygen species. TCS, says Gosse, also inhibits cellular cytoskeletons, which are microscopic networks of protein filaments and tubules in the cytoplasm of living cells. Cytoskeletons help the cell move, transport cargo, and carry out many other tasks essential for health. When TCS inhibits cytoskeletons, it inhibits mast cell function. Mast cells are part of the immune and nervous systems that, when stimulated, release chemicals that play many roles in the body, including antimicrobial defense, cancer and even emotional regulation. Mast cells are in most human tissues, including the lining of the mouth and in skin — both of which absorb TCS. So, when mast cells are inhibited, problems may arise. The Gosse lab also found that, of several cell types tested, primary human skin cells were the cells most harmed by TCS. The UMaine team's most recent findings were published in April in the article ["Antimicrobial agent triclosan disrupts mitochondrial structure, revealed by super-resolution microscopy, and inhibits mast cell signaling via calcium modulation"](#) in ScienceDirect's Toxicology and Applied Pharmacology. In addition to Gosse, Hess, Weatherly and Nelson, UMaine researchers participating in the study included graduate students Juyoung Shim and Andrew Hart and

undergraduates Erik Gerson and Abigail Riitano; as well as Timothy Ryan and Jaime de Juan-Sanz of Weill Cornell Medicine; and Roger Sher of Stony Brook University. Funding was provided by an R15 Academic Research Enhancement Award which supports meritorious research and exposes undergraduate and graduate students to hands-on research — from the National Institutes of Health. Graduate School of Biomedical Science and Engineering student Weatherly was supported by UMaine’s Chase Distinguished Research Assistantship and Michael J. Eckardt Dissertation Fellowship. Thanks to research conducted by Gosse and other scientists, consequences of exposure to triclosan are becoming better understood and known. And thanks to Hess’ FPALM technique, the field of toxicology has a powerful new tool for understanding chemical effects on human health. Triclosan, though, is one of about 80,000 synthetic chemicals that people are regularly exposed to, says Gosse. And many of their long-term effects have not been studied. Contact: Beth Staples, 207.581.3777

UMaine Extension welcomes new ornamental horticulture specialist

29 May 2018

Matthew Wallhead is the new University of Maine Cooperative Extension ornamental horticulture specialist and assistant professor of horticulture. Wallhead joins UMaine from the USDA Agricultural Research Service Application Technology Research Unit in Wooster, Ohio. His postdoctoral work there focused on improving spray efficiency for ornamental nurseries. In Maine, Wallhead will be responding to the needs of the state’s ornamental horticulture industry, including educating growers on management practices that will enable them to increase production efficiency and profitability. His current research projects include the evaluation of laser-guided air-assisted sprayers for commercial nurseries and Christmas tree farms, and applications of small unmanned aerial systems for precision horticulture. His professional interests include cut flower production, fungi, ornamental gardens and precision horticulture. Wallhead holds a joint appointment with UMaine Extension and the UMaine School of Food and Agriculture. He received a doctorate in plant biology and geospatial sciences from the University of New Hampshire, with a focus on integrated disease management for apples. “Maine is a beautiful state, and I look forward to serving the green industry here,” Wallhead says. More information about the UMaine Extension ornamental horticulture program is available [online](#) or by calling 581.3188.

Mainebiz reports on Top Gun winners

29 May 2018

[Mainebiz](#) reported Erica Schmitz, founder of the Portland startup MyBodyModel, was the grand prize winner at the Top Gun Showcase finals. Top Gun is the annual program for competitively selected entrepreneurs sponsored by the Maine Center for Entrepreneurs and its partners, the Gulf of Maine Research Institute, the Lewiston Auburn Metropolitan Chamber of Commerce and the University of Maine. The \$25,000 cash prize is sponsored by the Maine Technology Institute, according to the article. MyBodyModel was one of eight participants from the Bangor, Brunswick, Lewiston/Auburn and Portland Top Gun classes that were the first- and second-place finishers from their respective regional pitch-off events, Mainebiz reported.

BDN cites Collins’ Commencement address in editorial on graduation speakers

29 May 2018

The [Bangor Daily News](#) included a quote from Republican U.S. Sen. Susan Collins in the editorial, “Words of inspiration from 5 college graduation speakers.” Collins raised the issue of civility in her speech during the University of Maine’s 216th Commencement ceremonies, the editorial states. “Courage, civility, principles and even wit are increasingly rare commodities in our discourse today. We see this disturbing trend in Washington, and we see this in our own communities. Sitting down with those on the opposite side of an issue, figuring out which issues matter the most to each side, negotiating in good faith, and attempting to reach a solution are actions often vilified by hard-liners on both the left and the right,” she said. “It may seem woefully out of fashion, but I believe that choosing civility and pursuing compromise can yield tremendous results that strengthen our communities and sustain our democratic institutions.”

WABI reports on Downeast Gleaning Initiative

29 May 2018

Regina Grabrovac, Healthy Acadia's food programs manager in Washington County, visited the studio of [WABI](#) (Channel 5) to discuss the Downeast Gleaning Initiative, a partnership between Healthy Acadia and University of Maine Cooperative Extension. The initiative works to address food insecurity by coordinating gleaning opportunities throughout Hancock and Washington counties, connecting volunteers with farms, orchards, farmers markets, and other food producers and vendors to collect food that would otherwise go to waste, WABI reported. The program then manages distribution of the collected food to community meal sites. Since 2010, the Downeast Gleaning Initiative has collected and redistributed more than 80,000 pounds of food, the report states.

DMC director recognized for public service, media report

29 May 2018

[Boothbay Register](#) and [Wiscasset Newspaper](#) published a University of Maine Darling Marine Center news release about the center's director being recognized for public service. Heather Leslie received the Outstanding Public Service Award from UMaine's College of Natural Sciences, Forestry, and Agriculture. The award was presented at the college's annual Celebration of Excellence. "Exemplary teaching, research and public service leadership provide the cornerstones on which our students' experiences and our ability to transform discovery into solutions are founded," said Fred Servello, the college's dean. "Leslie's outstanding work embodies the distinction and impact made by the college's faculty and its role as a part of Maine's public research university."

Mount Desert Islander reports on Maine National History Day winners

29 May 2018

[Mount Desert Islander](#) reported Sophia Anderson and Gaia Daul, students at Connors Emerson School in Bar Harbor, placed second in the junior group division of the statewide National History Day competition at the University of Maine. Anderson and Daul's project, "Race in Space," was about the five female African-American mathematicians behind NASA's first mission to the moon, the inspiration for the book and movie "Hidden Figures," according to the article. The students have been invited to the National History Day competition at the University of Maryland in June, and they will represent the state of Maine at The Smithsonian National Museum of American History showcase on June 13, the article states.

UMaine included in BDN article on day trips for Bangor residents

29 May 2018

The University of Maine was included as a destination in the [Bangor Daily News](#) article, "Six day trips for Bangorians who want to be tourists in their own state." The UMaine campus is at its prettiest in the summer, the author wrote. The article cited several free or inexpensive activities on campus, including visiting the Hudson Museum, with its extensive collection of North and Central American Indigenous art and work from local Wabanaki tribes; checking out the exotic plants at the Lyle E. Littlefield Ornamentals Trial Garden and the Roger Clapp Greenhouses; and taking in a star show at the Emera Astronomy Center's Jordan Planetarium.

WABI covers Clean Sweep Sale

29 May 2018

[WABI](#) (Channel 5) reported on the University of Maine's annual Clean Sweep Sale at the Alford Arena. Items that were unwanted by students at the end of the semester were offered to the public at discounted prices, WABI reported. The event is hosted by UMaine's Bodwell Center for Service and Volunteerism, with all proceeds going to the Black Bear Exchange and other programs. "This is a campuswide sale," said Lisa Morin, coordinator of the Bodwell Center.

“The Bodwell Center organizes it, but Auxiliary Services, Dining, Facilities Maintenance, Student Life, all the people across campus, the Bookstore, so many people help to make this happen. It’s not just us, it’s our entire campus and we just love having people come and help.”

UMaine research cited in Hakai Magazine article on rockweed

29 May 2018

University of Maine research was mentioned in a [Hakai Magazine](#) article about Maine rockweed. The sea vegetable has become a valuable commercial product, an ingredient in everything from fertilizers to pet foods to nutritional supplements, according to the article. In 2017, Maine’s rockweeders gathered nearly 9 million kilograms and raked in over \$600,000 — roughly four times the haul in 2001, the article states. Scientists at UMaine have suggested that because rockweed has evolved to rapidly bounce back after damage from waves, ice and other stressors, harvesters could sustainably haul away up to 20 percent of Maine’s rockweed each year, Hakai reported. [Smithsonian.com](#) also published the Hakai article.

Trostel quoted in Times Record article on workforce board facing funding cuts

29 May 2018

Philip Trostel, a professor in the School of Economics, was quoted in a [Times Record](#) article about Brunswick-based Coastal Counties Workforce Inc. learning it will likely face cuts in its federal funding in the next fiscal year. The nonprofit is one of three workforce boards in Maine that provides resources and services to help Mainers find employment, according to the article. In April, Maine’s unemployment rate was the fourth lowest in the country at 2.7 percent, the article states. But according to Trostel, the low unemployment rate was “almost completely unrelated” from the need for workforce training. “I do agree that just because the unemployment rate is lower doesn’t mean that the need for job training has evaporated,” Trostel said. “That’s just not the case. The job creation and destruction process in the labor market is always fluid, and people are switching jobs and so forth.”

BDN reports on Darling Marine Center renovations

29 May 2018

The [Bangor Daily News](#) reported the University of Maine’s Darling Marine Center in Walpole is in the planning phase of a \$3 million upgrade, which will include rebuilding the boat ramp, renovating the center’s flowing seawater laboratory, and upgrading the pump system that provides water from the tidal river to the lab. DMC officials hope to complete all portions of the project by early 2020, according to the article. Recently, the center has been providing technical assistance and information to startups hoping to establish viable scallop and baby eel aquaculture companies, the article states. The startup entities, through the center’s Aquaculture Business Incubator, use the center’s flowing seawater lab to try to develop growing techniques that, if they initially seem viable, can then be tested elsewhere at a greater scale, according to Heather Leslie, DMC director. The renovation will remove all exposed steel, expand upon the availability of seawater piping in the lab, and produce more options to control variables for incoming seawater, such as temperature, acidity levels and filtration, the BDN reported. “This is the bread and butter of the operation,” Leslie said, adding that the seawater lab is key to the center’s collaborative marine research with communities and private companies. “This place is open 365 days a week. The seawater never stops flowing.” [The Lincoln County News](#) also published the BDN article.

Maine Public interviews Rosenbaum, Brewer about social media use in campaigns

29 May 2018

University of Maine professors Judith Rosenbaum and Mark Brewer spoke with [Maine Public](#) for the report, “How Maine campaigns are turning to social media to woo voters.” “If you want to target, you know, University of Maine students who might lean Democrat, then you will need to know exactly how they communicate, when they’re online, when they are paying attention,” said Rosenbaum, a communications professor who has studied social media use,

particularly Twitter. Rosenbaum said what you tweet and retweet, and who you choose to follow can all be mined as part of an effort to determine how you are likely to vote. But, she said, users tend to form their own communities with identifiable hash tags, and collating and analyzing all that data can get expensive. Plus, social media cannot reach everybody. She added there are still a lot of places in Maine that don't have affordable broadband access, and many older voters are not online. Brewer, a political science professor, said while some state candidates have dabbled in social media advertising, they don't appear to be as invested in the strategy as are campaigns at the national level. "Maybe the ads themselves don't cost all that much, but getting that level of sophistication in access to data, that does cost," he said.

Annual leadership program for undergraduate women to be held May 31–June 5

29 May 2018

The Margaret Chase Smith Policy Center at the University of Maine will host an annual six-day nonpartisan undergraduate student leadership program for women that aims to educate, engage and empower young leaders. Maine NEW (National Education for Women) Leadership will run Thursday through Tuesday, May 31–June 5 at the Orono campus with trips to Augusta and Skowhegan. A group of 28 college students with a variety of majors from 17 institutions around the state, including UMaine, will take part in the 10th residential conference that aims to strengthen political skills and build civic engagement. Michelle Kydd Lee, chief innovation officer at Creative Artists Agency (CAA) and founding member of the Time's Up movement, is scheduled to deliver the keynote address at the networking reception and dinner June 1 at Wells Conference Center. Kydd Lee was born, raised and educated in the public school system in Maine. Throughout the program, students will participate in workshops hosted by women leaders from politics, business and education. The students will learn skills including public speaking, networking and how to advocate for a cause and run for public office. As part of the conference, students develop a political action project surrounding topics presented before the Maine Legislature. Every year, participants are given a bill to research before holding mock opposing press conferences and a legislative committee hearing. This year's project will focus on LD 1587, "An Act to Provide Economic Security to Maine Families through the Creation of a Paid Family Medical Leave System." On June 4, participants will travel to the State House in Augusta. That evening, they will visit the Margaret Chase Smith Library in Skowhegan for a tour of Smith's home and an informal dinner with higher education leaders from their campuses. Maine NEW Leadership is offered by the Margaret Chase Smith Policy Center, which raises funds to support the program and provide it free of charge to participants. Maine NEW Leadership is a nonpartisan program 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. It is Maine's only statewide leadership program for undergraduate women. More information about Maine NEW Leadership is available [online](#) or by contacting Amy Blackstone at amy.blackstone@maine.edu; or Susan D'Angelo at 581.1648, susan.dangelo@maine.edu.

Wahab named vice president for enrollment management

30 May 2018



[caption id="attachment_61065" align="alignright" width="225"] R. Lizzie Wahab Following a national search, R. Lizzie Wahab has been named vice president for enrollment

management at the University of Maine, with oversight of the enrollment operations of the UMaine and University of Maine at Machias campuses. Wahab will join the university Aug. 1. “Lizzie Wahab has a tremendous record of achievement in leading institutions toward sustainable growth and retention, while maintaining selectivity and student access to higher education,” says Jeffrey Hecker, UMaine executive vice president for academic affairs and provost. “She brings 12 years of enrollment management leadership in public and private higher education in the U.S. and abroad to the University of Maine.” Wahab joins UMaine from The Sage Colleges of Albany and Troy, New York, where she served as vice president of marketing and enrollment management. She has worked in higher education leadership for over 18 years. She earned a master’s degree in biomedical sciences at the State University of New York at Buffalo, and worked as a research scientist at Bristol-Myers Squibb Research Institute before transitioning to academic administration. Since that time, Wahab has held leadership roles in enrollment management, marketing, financial aid, academic services and international programs at the University of New Haven, Immaculata University, Rosemont College, William Peace University and Wesleyan College. “I am truly excited to accept this incredible opportunity to serve the University of Maine and the University of Maine at Machias as one of the many architects of a strong future, by helping build sustainable enrollment foundations for the next decade,” Wahab says.

UMM student-produced film recognized at Docs Without Borders Film Festival

30 May 2018

The University of Maine at Machias student-produced film “Whatever Works: Exploring Opiate Addiction” has won a 2018 Award of Excellence in the Docs Without Borders Film Festival. The film was created in the first-ever Downeast Documentary course in 2017, led by professor Alan Kryszak. The film has been viewed more than 38,000 times on [YouTube](#).

Beal, Skonberg to be among presenters at Green Crab Working Summit

30 May 2018

Solutions to the green crab problem will be the focus of the two-day Green Crab Working Summit June 6–7 in Portland. Brian Beal, a professor of marine ecology at the University of Maine at Machias, will provide an overview of green crab population dynamics. Denise Skonberg, an associate professor of food science and human nutrition at the University of Maine, will present work to develop products from green crab. Marissa McMahan of Manomet will present her Sea Grant research to develop a soft-shell crab fishery in Maine, and green crab research with local schools. The summit is hosted by New Hampshire Sea Grant and supported by Maine Sea Grant. More information is [online](#).

UMaine hosts students from Maine Connections Academy, WABI reports

30 May 2018

[WABI](#) (Channel 5) reported students from Maine Connections Academy recently gathered at the University of Maine for an academic summit. The academy is usually internet-based, serving seventh through 12th grade students from around the state, according to the report. They met and held classes in a more traditional fashion at UMaine’s Advanced Structures and Composites Center. The event was focused around STEM education, but the students also were encouraged to strengthen connections they had made with their virtual classmates, WABI reported.

Sun Journal advances Franklin County 4-H fair, auction

30 May 2018

The [Sun Journal](#) reported the Franklin County 4-H fair and benefit auction will be held June 16 at the Farmington Fairgrounds. The fair is an annual event that celebrates the 4-H philosophy of “learn by doing,” with hands-on workshops, demonstrations and panel discussions led by 4-H members and volunteers, according to the article. Maine 4-H is the youth development program of University of Maine Cooperative Extension. The event is free and open to the public, the article states.

UMaine mentioned in The County article on students winning science competition

30 May 2018

The University of Maine was mentioned in [The County](#) article about three students from Presque Isle Middle School's Gifted and Talented Program recently winning first place at the state level of a virtual science competition. The eighth graders entered the eCybermission Science, Technology, Engineering and Mathematics competition in fall 2017 and completed their study of the effects of the generic prescription painkiller naproxen sodium on zebrafish embryos in February, according to the article. The students' adviser obtained 12 male and 12 female zebrafish from UMaine's Aquaculture Research Institute, the article states. UMaine's Carol Kim, associate vice chancellor for academic innovation and partnerships, and Melody Neely, an associate professor of molecular and biomedical sciences, often gave the students advice on how to best breed the zebrafish and information regarding the species' life cycle, The County reported.

Coastal Journal reports on Oyster Trail of Maine

30 May 2018

[Coastal Journal](#) published an article on the Oyster Trail of Maine. The trail is the result of the combined efforts of several organizations including Maine Sea Grant, University of Maine Cooperative Extension, Maine Aquaculture Association, Maine Aquaculture Innovation Center, In a Half Shell, and the Maine Office of Tourism, according to the article. It was first launched in 2017 and represented 30 farms. Now, it includes more than 50 restaurants that serve oysters from over 70 farms, the article states.

Kinghorn cited in Ellsworth American article on book about Sullivan artist

30 May 2018

[The Ellsworth American](#) published an article on a new book about a Sullivan artist titled, "Philip Frey: Here and Now." Over the past two decades, Frey has developed into one of Maine's finest landscape painters, according to the article. Known as a colorist, he uses a bold palette to capture the light and moods of his home state, the article states. George Kinghorn, executive director and curator of the University of Maine Museum of Art in Bangor, singles out Frey's ability to render complex motifs by way of dynamic planes of color. "Frey's art occupies the nexus between contemporary painting and brushy traditionalism," Kinghorn wrote in the book's introduction. "If there is a focus to this new direction in Maine painting, his art is it."

BDN, Morning Ag Clips report on new ornamental horticulture specialist

30 May 2018

The [Bangor Daily News](#) published a University of Maine news release announcing Matthew Wallhead as the new ornamental horticulture specialist for the University of Maine Cooperative Extension and assistant professor of horticulture in the UMaine School of Food and Agriculture. Wallhead is coming from the USDA Agricultural Research Service Application Technology Research Unit in Wooster, Ohio. Wallhead holds a doctorate in plant biology and geospatial sciences from the University of New Hampshire, and his work with the UMaine Extension will include educating people about management practices to increase production efficiency and profitability in horticulture. "Maine is a beautiful state, and I look forward to serving the green industry here," Wallhead said. [Morning Ag Clips](#) also published the report.

Tajvidi interviewed by WVII for report on nanocellulose research

30 May 2018

[WVII](#) (Channel 7) interviewed University of Maine assistant professor of renewable nanomaterials Mehdi Tajvidi for a report on nanocellulose. Nanocellulose is the tiny particles that make up the structure of wood. Tajvidi and his team of

researchers are working on creating a particle board-like material, as well as a replacement for chemical-based glues, from nanocellulose. The UMaine researchers have received a \$250,000 grant to find new uses for nanocellulose, and Tajvidi hopes the efforts can revitalize the pulp industry in Maine. “We have the infrastructure, we have the fiber source, 90 percent of this state is trees,” Tajvidi said.

UMaine Extension members quoted in BDN article on fruit crops

30 May 2018

The [Bangor Daily News](#) consulted University of Maine Cooperative Extension members Renae Moran, a fruit tree specialist and associate professor of pomology; David Yarborough, a wild blueberry specialist and professor of horticulture; and David Handley, a vegetable and small fruit specialist and cooperating professor of horticulture, for an article on the spring growth and harvest outlook for several fruit crops in Maine. The trio discussed unpredictable spring conditions and weather that can negatively affect crops, such as apples, blueberries and strawberries. But they are optimistic, as recent warm weather has resulted in minimal frost damage, the BDN reports. The harvest appears to be on schedule to begin in the middle of June, according to Handley. But if rains continue to hold off, growers will have to take responsibility for irrigating crops themselves, he told the BDN.

Wheeler probes how potentially lethal fungal infection eludes body's defenses

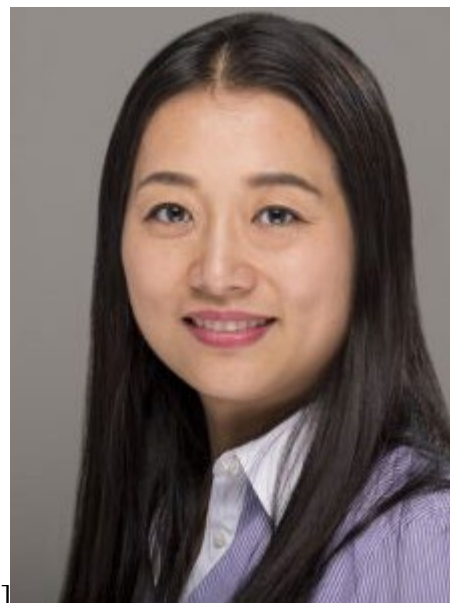
31 May 2018

Rob Wheeler is engrossed with a generally harmless fungus that naturally lives in and on people, but also can cause disease and death. For 16 years, the University of Maine associate professor of microbiology has been unraveling the mysteries of the fungus *Candida albicans*. The National Institutes of Health recently awarded Wheeler a three-year \$428,429 grant to illuminate interactions between *C. albicans* and the immune system in order to advance treatment and prevention of infectious diseases. The funding also will support *C. albicans* research of five graduate students and eight or nine undergraduates in the Wheeler Lab. This natural gut flora, for the most part (with the exception thrush and vaginal infections), peacefully co-exists in people with healthy immune systems. But in people whose immune systems are compromised — think transplant patients and people with cancer — this opportunistic fungus gets into the bloodstream and transforms into a potentially fatal, organ-attacking pathogen. Wheeler explores how neutrophils (white blood cells that lead the immune system's response to fight infection), the epithelial barrier (the safety shields between internal cells and microbes in the environment), and other innate immune components interact with *C. albicans* throughout an infection. He uses zebrafish to watch the interactions. The freshwater fish in the minnow family is nearly transparent in the larval stage, has a similar genetic structure to humans and, like people, is a vertebrate with the same major organs and tissues. Zebrafish and humans also respond to infections and vaccinations in similar ways. Remi Gratacap, a former postdoctoral fellow in the Wheeler Lab, compares *C. albicans* to invaders seeking to get past a castle's multiple defenses — armed guards, walls and a moat. People, like castles, also have barriers, mechanisms and fighters to hold off pathogens, says Gratacap, who now works at The Roslin Institute at the University of Edinburgh. For this NIH project, Wheeler will examine how the fungus gets past barriers and into the body's inner sanctum. And, he says, “We need to understand how the host knows it's damaged and how it responds.” Researchers often examine interactions between one infection and the immune system. But multiple pathogens can simultaneously attack people. And Wheeler is interested in understanding how the pathogens interact with each other and the host's immune systems. In previous research, scientists in the Wheeler Lab, including former master's student Audrey Bergeron, discovered that how the fungus *C. albicans* and the bacteria *Pseudomonas aeruginosa* interact depends on where they meet. In healthy people, *P. aeruginosa* can cause skin rashes and mild ear and eye infections. But in hospital patients with weakened immune symptoms, serious *P. aeruginosa* infections can lead to severe illness and death. For a decade, it's been known that *P. aeruginosa* attacks and kills *C. albicans* when they meet in a test tube. Wheeler and Bergeron, who earned a master's in biochemistry in May 2017, surmised the same type of antagonistic interaction might occur in a zebrafish swim bladder (similar to a human lung). They anticipated the bacteria *P. aeruginosa* again might suppress the *C. albicans* fungus in the zebrafish and thereby help prevent an infection. “Boy, were we wrong,” says Wheeler. Instead, the *P. aeruginosa* strengthened the virulence of the *C. albicans*, resulting in more zebrafish deaths than if the zebrafish were singularly infected by *C. albicans*. In zebrafish swim bladders — internal mucus-coated gas-filled organs that control buoyancy — they tracked various fungal, bacterial and immune dynamics in real time as well as which fish

survived and which died. Wheeler describes the interaction between the bacteria and fungus as a back-and-forth molecular dialogue that ultimately results in the host being damaged, sometimes fatally. Observing these interactions in the transparent zebrafish is similar to watching a TV show, with no volume and a surprise ending, Wheeler says. A next step, say Bergeron and Wheeler, is exploring how, when and why the bacterial-fungal antagonistic crosstalk in a petri dish morphs into an empowering positive interaction in the zebrafish. That involves developing tools to be able to “listen” to the dialogue and signals, says Wheeler, one of the few people in Maine who studies infectious diseases. People with lung infections, including those with cystic fibrosis, also sometimes simultaneously fight more than one pathogen. So Bergeron and Wheeler talked with physicians at Eastern Maine Medical Center who treat patients with the genetic disorder. In the lungs of people with cystic fibrosis — about 30,000 people in the U.S — mucus builds up and traps germs, which leads to infections and labored breathing. About 80 percent of people with cystic fibrosis eventually die of infection or infection complications. Wheeler said EMMC physicians are interested in UMaine research that will inform and advance treatment options for patients with cystic fibrosis. For example, would a more effective course of treatment focus on eliminating the bacteria, eliminating the fungus, or both? Bergeron, who worked as a microbiology analyst at Nephron Pharmaceuticals in South Carolina, now is a research associate at Maine Medical Center Research Institute in Scarborough, Maine. In August 2017, her paper [“Candida albicans and Pseudomonas aeruginosa Interact To Enhance Virulence of Mucosal Infection in Transparent Zebrafish”](#) was published in American Society for Microbiology’s journal Infection and Immunity. Wheeler, Brittany Seman and Linda Archambault of UMaine and John Hammond and Deborah Hogan of Dartmouth College also participated in the research. The Burroughs Wellcome Fund, the National Institutes of Health and the Department of Agriculture provided funding for the study. Bergeron’s findings, says Wheeler, built on a previous discovery by Gratacap, the former postdoctoral fellow. Gratacap had demonstrated that neutrophils control infection by attacking *C. albicans* and preventing the fungus from invading zebrafish tissue. His findings were published online in June 2017 in the article [“Control of mucosal candidiasis in the zebrafish swimbladder depends on neutrophils that block filament invasion and drive extracellular trap production.”](#) also in American Society for Microbiology’s journal Infection and Immunity. Wheeler, Allison Scherer and Seman took part in the research. Contact: Beth Staples, 207.581.3777

Xue awarded \$400,000 to develop computer model that simulates irregular voice conditions

31 May 2018



[caption id="attachment_61126" align="alignright" width="223"] Qian Xue[/caption]

Developing a computer model that can provide an accurate, real-time simulation of irregular voice conditions is the focus of a two-year study being led by a University of Maine researcher. Qian Xue, an assistant professor of mechanical engineering, is leading the project that aims to understand how alterations in vocal fold anatomy affect glottal flow, vocal fold vibrations and voice acoustics. Xue recently was awarded \$406,984 from the National Institute on Deafness and Other Communication Disorders (NIDCD), part of the National Institutes of Health, for the project, “Development of an accurate and real-time voice simulator for voice disorders.” The overall objective of the project is to develop a high-fidelity computer model for simulating mucosal wave on vocal fold and voice outcomes in various irregular vocal

conditions. When vocal folds vibrate, superficial tissue is displaced in a wave-like fashion, creating a mucosal wave, which is known as the fundamental element of vocal fold vibration in mammals, according to Xue. Through motion, the mucosal wave controls the rise and fall in the amount of air flowing through the glottis, or the part of the larynx that contains the vocal cords and the opening between them. The glottal air pulses form the primary sound sources of the voice. Vocal fold pathologies often alter the anatomy — morphology and material properties — of vocal fold, resulting in irregular mucosal waves, which are often associated with voice symptoms including hoarseness, breathy voice and voice fatigue, Xue says. Despite nearly 40 years of development, a computer model that can accurately simulate the spatiotemporal dynamics of glottal flow, mucosal wave and voice acoustics associated with various vocal pathologies in realistic vocal fold anatomies does not exist, according to Xue. Continuum vocal fold models are limited due to a lack of accurate and rapid computation of flow pressures in irregular glottal shapes. The Navier-Stokes equation is able to compute the correct flow pressures for irregular shapes, however, it is expensive and not suitable for clinical use, according to Xue. Xue says the proposed model could further the understanding of the relationship between vocal fold biomechanics, mucosal wave patterns and the resulting voice. “It will be very useful for answering the questions of how alterations in vocal fold anatomy affect mucosal wave and voice outcomes and what alterations have led to the observed irregular wave patterns and voices,” she says. “Such knowledge is essential to improving the diagnosis and treatment of many vocal fold pathologies, such as vocal fold nodules, cysts, polyps, tumors, paralysis, scarring, etc.” The project is a collaborative research effort between UMaine’s Mechanical Engineering Department and the National Center for Voice and Speech. It was awarded an Exploratory/Developmental Grant from NIDCD. The Exploratory/Developmental Grant program is intended to support the early and conceptual stages of projects. The studies may involve considerable risk but may lead to a breakthrough in a particular area or to the development of novel techniques, agents, methodologies, models or applications that could have a major impact on a field of biomedical, behavioral or clinical research, according to NIDCD. Contact: Elyse Catalina, 581.3747

First five MIRTA teams showcase their discoveries

31 May 2018

Five discoveries, including one designed to monitor the health of beehives using radar, were showcased by University of Maine faculty-led teams from the Maine Innovation, Research and Technology Accelerator (MIRTA) May 30 at the Foster Center for Student Innovation on campus. The five MIRTA projects are:

- A radar-based beehive activity monitor, developed by Nuri Emanetoglu, Herbert Aumann and Berkay Payal, designed to record the insects’ movements to and from the apiary to inform colony health.
- A high-value, low-cost geoinformatics system to better compile broad-scale spatial information about timber and nontimber resources, developed by the team of Erin Simons-Legaard, Aaron Weiskittel and Kasey Legaard, designed to improve forest management planning.
- Beverage spoilage yeast test technology, developed by Laurie Connell and Corey Hirn, designed as a point-of-use device to deliver onsite microbe detection in wine and beer applications.
- New devices made from patterned-release paper for use in biotechnological applications, developed by the team of Caitlin Howell, Amy Blakeley and Matthew Talbot, designed to replace costly, nonbiodegradable plastic or glass devices, for use in health care and pharmaceuticals.
- A medical device for early detection and diagnosis of peripheral neuropathy, developed by the team of Kristy Townsend, Rosemary Smith and Magdalena Blaszkiewicz, designed also as a noninvasive and pain-free treatment of the disease.

MIRTA was made possible by the University of Maine System 2018 Research Reinvestment Fund, a pool of competitive internal grants allocated to advance research projects along the path from discovery to becoming commercial products with public benefit. All projects are tied to Maine businesses or industries critical to the future of the state. The teams, some including undergraduate and graduate students, and industry collaborators, were the first in the MIRTA program to spend 20 hours a week for 16 weeks learning about the market and intellectual property analyses, and business model development needed to bring their invention to market. Guiding them were business incubation staff from UMaine’s Office of Innovation and Economic Development. In addition, each team has an advisory committee of industry and technology experts who provide feedback and advice. The teams were eligible for up to \$25,000 each to help develop commercialization implementation plans. Commercialization plans for new products

or services, process improvements, creative works, or curricula or programs could include starting new companies or licensing to existing ones. The second cohort of research teams from throughout the University of Maine System campuses will be selected this summer. “The goal is to significantly advance research innovation to marketable new products and services,” says Renee Kelly, UMaine assistant vice president for innovation and economic development. Contact: Margaret Nagle, 207.581.3745

Campuswide farewell to President Susan J. Hunter June 8

31 May 2018

Members of the University of Maine community are welcome to attend a campuswide farewell for President Susan J. Hunter on June 8. The event will be held from noon to 2 p.m. at Wells Conference Center.

UMaine Extension mentioned in Mainebiz article on Bowdoinham farmer

31 May 2018

The University of Maine Cooperative Extension was mentioned in a [Mainebiz](#) article about Abby Sadauckas, a farmer and agricultural service provider of Bowdoinham who has joined Land For Good, a New England-wide nonprofit whose mission is to ensure the future of farming in the region by putting more farmers more securely on more land. Sadauckas will work statewide to provide direct assistance and training to farmers, farm families and farmland owners who are seeking land, want to plan a farm transfer or want to make land available for farming, according to the article. She also will work with Land For Good’s numerous Maine collaborators, including UMaine Extension, Maine Farmland Trust, Maine Organic Farmers and Gardeners Association, and Cultivating Community. Sadauckas previously worked for UMaine Extension as the manager for a project focused on improving relationships for farm success, MaineBiz reported. [Morning Ag Clips](#) also published the article.

Fiddlehead Focus covers Fort Kent plant swap

31 May 2018

[Fiddlehead Focus](#) covered a farm animal petting zoo and plant swap at Bouchard’s Country Store in Fort Kent. The University of Maine Cooperative Extension Fort Kent Garden Group sponsored the plant swap outside the store, according to the article. Lisa Fishman, UMaine Extension regional supervisor for the Eat Well Nutrition Education Program in Fort Kent, said many people visited the plant swap, during which local gardeners exchanged seedlings and information. The plant swap also included an area where children were able to plant their own seedlings and bring them home, the article states. “It seemed to be popular with the kids that came by,” Fishman said. “They could grow either a flower (nasturtium), a bean or pumpkin seeds. When I mentioned that they could eat the flower and leaf of the flower, it seemed to be the one the kids all wanted to grow after that.”

WVII interviews Walker for report on nursing shortage

31 May 2018

[WVII](#) (Channel 7) quoted Mary Walker, director of the University of Maine School of Nursing, in a report on the increasing nursing shortage. A shortage of 3,200 nursing positions in Maine, and more than 100,000 nationwide, is expected by 2022, and colleges and universities in Maine are hoping for action on a bond that would provide more infrastructure to train and educate nurses, according to WVII. Walker called the issue a “public health crisis ... of who in the world will care for our aging population.”

Hopkins quoted in Press Herald article on changes in sugar labeling

31 May 2018

The [Portland Press Herald](#) quoted Kathy Hopkins, a maple syrup expert and extension educator at the University of

Maine Cooperative Extension, in an article on changes in FDA labeling. The new rules require maple syrup and honey producers to label their pure products as containing added sugar to comply with updated nutrition guidelines recommending lowering sugar intake to reduce the risk of health problems, according to the Press Herald. This proposed change created a backlash, since maple syrup and honey are naturally high in sugar but do not contain extra sugars added by the producers. “The risk is that consumers are going to possibly misunderstand and think that they’ve been tricked all this time, that they’re not buying a pure product for which they’ve paid an extra price,” Hopkins said. The [Bangor Daily News](#) also reported on the labeling change. [The Sun Journal](#), [Journal Tribune](#) and [The Times Record](#) published the Press Herald report, and [The County](#) carried the BDN report.

Media cover innovation showcase at UMaine

31 May 2018

[Mainebiz](#) published a University of Maine news release to preview a showcase featuring five innovative devices designed as part of the Maine Innovation, Research and Technology Accelerator (MIRTA) program at UMaine and presented at the Foster Center for Student Innovation on May 30. MIRTA projects are all related to Maine businesses or industries key to the state’s future and designed by faculty-led teams, some with undergraduate and graduate students and industry collaborators. The projects included a radar-based beehive monitor to measure the health of the colony, a geoinformatics system for spatial information about timber and other resources, and a medical device for early detection and diagnosis of peripheral neuropathy, among others. MIRTA is funded by the University of Maine System 2018 Research Reinvestment Fund. “The goal is to significantly advance research innovation to marketable new products and services,” Renee Kelly, UMaine assistant vice president for innovation and economic development, said. [WorldProNews](#) and [News Center Maine](#) also reported on the event, noting that all five projects have plans to partner with Maine businesses or start their own business to bring the projects into the Maine economy.

Students review fish stock assessments for European Union countries

01 Jun 2018

In May, a group largely comprised of University of Maine students was chosen to conduct a peer review of fishery stock assessments for seven countries in the European Union. Of the group, 17 students currently work in professor Yong Chen’s fishery population dynamics lab in the School of Marine Sciences. “Only two labs in the United States are invited by the EU to take part in the assessments, so we take great pride in this opportunity,” says Chen, who adds the assessment is an annual activity for his students. From May 4–19, members of the University of Maine Review Group (UMaine RG) assessed 18 stocks for the International Council for the Exploration of the Sea (ICES). The review took place on the UMaine campus. ICES is a global organization that develops science and advice to support the sustainable use of the oceans. It is a network of more than 5,000 scientists from over 690 marine institutes. The students compiled a 125-page report to determine the status of each stock, and the technical and scientific rigor of the work, as well as their final decision of accepting or rejecting the assessment. The UMaine RG assessment results were presented at the ICES headquarters in Copenhagen, Denmark by this year’s RG leader, Robert Boenish, who recently received his Ph.D. in Chen’s lab. The proceedings of this year’s report led to the adoption of multiple UMaine RG modeling and management suggestions. “During the two-week stock assessment review, we tried tirelessly to find constructive ways that the scientists could improve their assessments such that both the fish and people will benefit,” Boenish says. The review results will have significant impacts on EU fisheries management, according to Chen.

News Center Maine quotes Emanetoglu in report on beekeeping

01 Jun 2018

A report by [News Center Maine](#) on combating the effects of the harsh winter on bees quoted Nuri Emanetoglu, a professor of electrical and computer engineering at the University of Maine. A beekeeper from Hampden, Peter Cowin, plans to use the bees that survived the winter to “breed better bees” to survive future Maine winters and prevent these severe losses, according to the report. “One of my colleagues lost about six out of his seven or eight hives,” Emanetoglu told News Center Maine.

Blackstone quoted in Washington Post column on increase in women remaining child-free

01 Jun 2018

Amy Blackstone, a professor of sociology at the University of Maine, was quoted in a [Washington Post](#) column on the increase in women deciding not to have children. The birth rate in the United States is the lowest in three decades despite the economy having improved since the 2008 recession, according to the column. While demographers question why the rate has not increased, the phenomenon could be a result of the wider variety of options for women in recent years. Women are feeling less pressured to have children by default, the column states. “The child-free movement is very much linked to women having more choices,” Blackstone said. [Midland Daily News](#) and [The Salt Lake Tribune](#) also carried the Washington Post story. The [Electronic Urban Report](#) also quoted Blackstone.

Over \$133,000 raised in tribute to President Susan J. Hunter

01 Jun 2018

More than \$133,000 for scholarships and construction of the Engineering Education and Design Center has been raised to honor the leadership of University of Maine and University of Maine at Machias President Susan J. Hunter, according to University of Maine Foundation President Jeffery Mills. The announcement was made May 24 at a tribute dinner for Hunter, who is retiring July 1. Hunter had declined a traditional retirement party and instead agreed to a fundraising effort to support the top priorities of UMaine’s \$200 million Vision for Tomorrow comprehensive campaign — scholarships and the Engineering Education and Design Center. Mills began the fundraising effort by naming two new Foundation funds in her honor: the President Susan J. Hunter Maine Top Scholars Scholarship and the President Susan J. Hunter Engineering and Education Design Center Fund. The scholarship is an endowed scholarship that will provide annual support to UMaine students from Maine who excel academically. The second fund will provide a naming gift for a space in the new engineering facility. Donors were happy to support both the campaign and President Hunter’s legacy, said Mills. Over 200 guests gathered for the tribute dinner at Wells Conference Center to celebrate the leadership of UMaine’s outgoing 20th president. “She has been a great president who has restored this state’s understanding of and pride in the unique contributions of the flagship university,” said alumna Trish Riley. “I’ve been very fortunate to be a Black Bear and I am honored by the generosity of our staff, alumni and friends. I could not be happier that these funds were established in my honor and will provide much-needed support for two very important priorities of our campus,” Hunter said. In 2014 when Hunter was installed as president, a fundraising effort established the President Susan J. Hunter Fund at the University of Maine Foundation. That fund, now valued at over \$100,000, supports the development of a more diverse workforce at the University of Maine through the ADVANCE Rising Tide Center, a program Hunter helped establish. The University and the Foundation launched the public phase of the Vision for Tomorrow campaign during Homecoming weekend last October. At that time, the campaign total was \$121 million. Currently, the campaign is at nearly 80 percent of the \$200 million goal with over \$157 million raised. Contact: Monique Hashey, 581.5104

Social media spotlight: Amy Patania Lyons

01 Jun 2018

Hometown: Kota Kinabalu, Malaysia Amy Patania Lyons graduated in May with dual degrees in business administration (with a concentration in international business) and international affairs (with a concentration in international security). She minored in Spanish and legal studies. The member of the Honors College is president of the Class of 2018. “My greatest passion is environmental sustainability. I plan to attend law school for international environmental legal studies and aspire to work at the Environmental Protection Agency and United Nations. I spend a lot of time outdoors; I backpack and hike often, so you can usually find me getting lost in the woods. I love traveling and exploring new places, nationally and internationally. UMaine has lots of hidden gems. You just have to be willing to say yes and embrace the unknown.” See posts featuring Lyons on UMaine’s [Facebook](#) and [Instagram](#) pages.

Fogler Library wins award for interactive building map

04 Jun 2018

An [interactive building map](#) published by the University of Maine's Fogler Library has won a 2018 PR Xchange Award from the American Library Association. The PR Xchange Awards recognize the best public relations materials created for libraries in the past year. The competition received more than 400 entries, which were evaluated based on content, originality and design by a team of experts in public relations, graphic design, communications and marketing. The Fogler Library map was a winning entry in the category of Patron Orientation Materials. The winning entries will be on display and recognized at the American Library Association Conference in New Orleans this summer. The PR Xchange Awards are sponsored by the Library Leadership and Management Association Division of the American Library Association. Fogler also won a 2017 PR Xchange Award for a [brochure](#) published by the library.

International scientists to participate in sustainable forest management workshop

04 Jun 2018

A two-day workshop on sustainable forest management focused on northern forests research will bring scientists from the United States, Canada and Denmark to the University of Maine, June 7–8. The event, “Long-Term Site Productivity Research: Lessons from Other Regions and Opportunities for Maine,” is offered by the Cooperative Forestry Research Unit (CFRU), a stakeholder-driven research cooperative at UMaine, in collaboration with alumnus Tat Smith, a professor at the University of Toronto. The workshop, which begins at 8:30 a.m. in Wells Conference Center, will feature panel discussions and research presentations on topics ranging from assessment and communication of soil disturbance guidelines, to how long-term site productivity studies have informed policy in Quebec. In addition, the results of a 35-year study at Weymouth Point in Maine by CFRU will be presented. Visiting presenters include: Inge Stupak from University of Copenhagen, Cindy Prescott from the University of British Columbia, Eric Sucre of Weyerhaeuser in Oregon, David Morris of the Ontario Ministry of Natural Resources, Daniel Kneeshaw of Université du Québec à Montréal, and Paul Arp of the University of New Brunswick. Brian Roth and Joshua Puhlick from UMaine's School of Forest Resources will present on research conducted in the state. The second day of the workshop features a field tour in Grand Falls Township, the first installation in the new Maine Adaptive Silviculture Network (MASN), a new long-term demonstration network and field laboratory spearheaded by CFRU. The installation includes five 20-acre operation-scale contrasting forest harvest treatments that will be monitored over time. Presenters on the field tour include UMaine scientists Roth, Puhlick, Anil Kizha, Anthony Guay and David Sandilands; Tom Gilbert of the Maine Forest Service and professor Arp of the University of New Brunswick. Topics will range from the effects of this harvesting on site productivity, using technology to obtain high-resolution imagery, and maps to inform decision-making to protect Maine's water quality. More information is [online](#).

Staples delivers commencement address at MCI, Morning Sentinel reports

04 Jun 2018

[Morning Sentinel](#) reported Beth Staples, a news writer in the Division of Marketing and Communications at the University of Maine, spoke at Maine Central Institute's 149th graduation ceremony in Pittsfield. Staples is an MCI alumna and board of trustees member, according to the article. In addressing the 111 graduates, Staples shared stories of some failures that she has used as learning opportunities and reminders to be grateful for the education and support she received while a student at MCI, the article states.

UMaine 4-H Camp mentioned in Sun Journal article on Norway fishing festival

04 Jun 2018

A [Sun Journal](#) article about the fifth annual Family Fishing Festival in Norway, Maine, mentioned the University of Maine 4-H Camp & Learning Center at Bryant Pond in Woodstock. The center brought animal pelts to the festival for attendees to identify, according to the article. Formerly known as the Maine Conservation School, the center combines conservation education and outdoor fun and skills to strengthen children's relationship to the natural world.

WABI mentions UMaine as research partner in invention by local middle schoolers

04 Jun 2018

[WABI](#) (Channel 5) reported on a team of five girls from J.A. Leonard Middle School in Old Town who will compete in an invention competition in Silicon Valley, mentioning that the team partnered with the University of Maine for research. The team designed a portable, affordable water purification system that could be used for natural disaster relief, and they are the first team in Maine to make it to the final round of the competition, the report states. UMaine was a resource for the students to ensure they included all possible contaminants and ways to remove them from the water, according to WABI.

Jayasundara panelist at international health conference, [Environmental Factor](#) reports

04 Jun 2018

Nishad Jayasundara, an assistant professor of marine physiology at the University of Maine, was a panelist at the third International Conference on One Medicine One Science in Minneapolis April 29–May 2, [Environmental Factor](#) reported. Jayasundara, who studies chronic kidney diseases of unknown origin in Sri Lanka, presented at the conference, which aimed to explore solutions to critical global health issues and promote interdisciplinary collaboration, according to the [Environmental Factor](#), the news outlet of the National Institute of Environmental Health Sciences. Jayasundara’s current research involves analyzing zebrafish for genetic markers of kidney damage and comparing risk factors for individuals with and without the disease. “His goal is to pinpoint areas with higher risk, uncover contributing factors, and inform prevention strategies,” the article states.

Brewer quoted in [The Daily Yonder](#) report on 2nd District politics

04 Jun 2018

Mark Brewer, a professor of political science at the University of Maine, was interviewed for an article in [The Daily Yonder](#) on the political climate in Maine’s 2nd District. This fall, three Democratic candidates will challenge incumbent U.S. Representative Bruce Poliquin for the district representative seat, according to the article. “Both parties think they can win that seat in November,” Brewer told [The Daily Yonder](#). He spoke to the varied social and demographic factors in the geographically large district, which is mostly rural and white but whose residents represent a variety of perspectives. As a result, the district votes on different sides of the party line depending on the year and the individual race, the article states. “The most important thing is that yes, this is a swing district ... Whoever wins this race has to be able to speak to voters at least to some degree in these very different parts of this state,” Brewer said.

Birkel interviewed for [Press Herald](#) article on spring rainfall

04 Jun 2018

Sean Birkel, a research assistant professor in the Climate Change Institute at the University of Maine, was interviewed for a [Portland Press Herald](#) article about changes in spring rainfall. The article also mentioned Glen Koehler, a fruit tree specialist with the UMaine Cooperative Extension. This year marked the third May in a row with very little rainfall — Portland received 0.79 of an inch of precipitation compared to the average of 3.88 inches, the article states. But Birkel’s research, despite the past few dry springs, suggests a different trend. “What has been documented over the past 10 to 15 years is an increase in the number of severe rainfall events,” said Birkel, with more dry spells between them. Birkel was a co-author of a 2009 report, “Maine’s Climate Future,” that showed a 13 percent increase in Maine’s rainfall since 1895. The article also mentioned Koehler’s talk at the Maine Agricultural Show in Augusta, where he said the Northeast was predicted to have an increase in rain and discussed strategies for farmers to adapt to climate change.

WVII speaks with Livingston for report on invasive emerald ash borers

04 Jun 2018

[WVII](#) (Channel 7) spoke with William Livingston, an associate professor of forest resources and associate director for undergraduate education at the University of Maine, for a report on emerald ash borers. The invasive Asian beetle was

first found in the United States in Michigan in 2002, and was recently found in Madawaska, likely spread by transported firewood, according to the report. The beetle feeds on the inner bark of ash trees, and “once it gets in the stand it kills just about every ash tree that is growing on the site,” Livingston said. The ash trees growing along the UMaine Mall would be threatened if the insect is accidentally transported to campus. “It would be devastating,” said Christel Peters, the research communications coordinator at UMaine.

Professor, alumnus find socioeconomic status, racism fundamental causes of street criminality

04 Jun 2018

Socioeconomic status and racism are fundamental causes of violent and property crime, according to a University of Maine professor and an alumnus, who argue the factors must be considered in order to drastically reduce street criminality. Steven Barkan, a UMaine sociology professor, and alumnus Michael Rocque, now a sociology professor at Bates College, recently published the [article](#), “Socioeconomic Status and Racism as Fundamental Causes of Street Criminality” in the journal *Critical Criminology*. By examining fundamental cause theory, which identifies socioeconomic status and racism as essential causes of disease and health disparities, the researchers argue the factors also are fundamental causes of violent and property crime, or street criminality. Crime and disease both vary by socioeconomic status and race and have similar risk and protective factors, according to the researchers. The risk factors that predict criminal behavior also predict disease; the protective factors that keep people from committing crime also keep people in good health. The pair argues that socioeconomic status and racism both influence many types of criminal behavior and exert their influence on crime through multiple mechanisms including low self-control, families and parenting, schooling, racial segregation and neighborhood conditions. Access to resources such as money, knowledge, power, prestige and beneficial social connections limits the likelihood of criminal behavior, and people with restricted access to these resources will continue to be more likely to commit crime despite efforts to address a single cause of crime. Fundamental causality is one concept upon which criminology and medical sociology might find common ground, the researchers say. The fields often operate in parallel tracks, with insights from one subject not informing the other. Recognizing the similarity between connecting socioeconomic status and racism with criminality and connecting socioeconomic status and racism with disease and other health problems should prompt criminologists and medical sociologists to join forces to better understand how and why socioeconomic status and racism exert their effects. Because research can influence how policymakers and the public think about social problems, an interdisciplinary effort may help diminish socioeconomic inequality and racism and reduce their effects on criminality, disease and other negative social and individual outcomes, the researchers hypothesize. Barkan and Rocque suggest criminologists conduct quantitative and ethnographic tests of fundamental cause theory. In particular, they should assess whether socioeconomic status and racism continue to predict street criminality as new types of crime arise, as new knowledge of protective and risk factors for crime appears, and despite efforts to address any one of the many mechanisms connecting socioeconomic status and racism with crime. Scholars also should examine how geographic area may influence how fundamental causes operate for street criminality, the researchers say. Contact: Elyse Catalina, 581.3747

UMaine Extension publications offer tips for potato growers

05 Jun 2018

The University of Maine Cooperative Extension offers information and tips for potato growers. Resources aim to educate potato growers in Aroostook County on certain chemical elements, micronutrients and pH of soil, including testing tips and how to correct improper levels. Visit the UMaine Cooperative Extension [Publications Catalog](#) for bulletins including:

- [Potato Farmers in Aroostook County, Maine, Should Test for Soil Sulfur and Correct as Needed](#)
- [High Phosphorus Levels Build Up in Soils of Aroostook County, Maine: Importance for Potato Growers](#)
- [Potato Farmers in Aroostook County, Maine, Should Test for Soil Micronutrients and Correct as Needed](#)
- [Change in Levels of Soil Potassium and Magnesium Over Time in Aroostook County, Maine: What Potato Farmers Need to Know](#)
- [Potato Farmers in Aroostook County Maine Should Test for Soil pH](#)

Price lists are [online](#).

Media report on Maine Sports Hall of Fame 2018 induction

05 Jun 2018

The [Bangor Daily News](#), [Kennebec Journal](#) and [Morning Sentinel](#) previewed the Maine Sports Hall of Fame's 43rd induction ceremony at the Collins Center for the Arts June 3. The BDN also published [same-day coverage](#) of the event. One of those inducted was Bob Wilder, a former UMaine quarterback who is now the head coach for football at Old Dominion University in Virginia, according to the KJ and Morning Sentinel. Also recognized was Steve Jones, a longtime UMaine athletics department employee who was the fifth recipient of the Lifetime Achievement Award. Jones, equipment manager for more than three decades, has "served more than 25,000 student-athletes and established a reputation as a professional of the highest quality, a comrade to coaches and staff members in the athletics department, and a friend to all," the BDN reports. Other inductees included Jason Bartlett, Dana Bullen, Reagan Carey, Patrick Dempsey, Dewey DeWitt, Tammy Jacques, Bob McAllister, Dick Meader, Anita Murphy, Carl Nelson, LeRoy Patterson and Kristen Kenoyer Woodland, media reported.

BDN publishes President Hunter's Dirigo Speaks speech

05 Jun 2018

The [Bangor Daily News](#) published a transcript of University of Maine President Susan J. Hunter's recent Dirigo Speaks speech. President Hunter spoke about leadership at the Bangor Public Library in May. Dirigo Speaks is an event series of the BDN, presenting conversations throughout the year with civic leaders, artists and business leaders shaping Maine's future, according to the post.

Steneck to give ecosystem collision talk, VillageSoup reports

05 Jun 2018

[VillageSoup](#) previewed an upcoming talk by Robert Steneck, a professor of marine sciences at the University of Maine. The talk, "The Penobscot Bay: An Ecosystem Colliding With the Anthropocene," will take place at Waterfall Arts in Belfast at 7 p.m. June 14. Hosted by Waterfall Arts and the Belfast Bay Watershed Coalition, the talk is open to the public, and donations are appreciated, VillageSoup reports.

Daley quoted in Sun Journal coverage of Stand Against Racism in Lewiston

05 Jun 2018

Kirsten Daley of the University of Maine's Office of Multicultural Student Life was quoted in a [Sun Journal](#) article about the seventh annual Stand Against Racism event held at the Lewiston YWCA. This year's theme was "overcoming adversity," and a panel of three women told their stories about the challenges they have faced and how they were able to overcome them, according to the article. Daley said she has a white mother and a black father, but her father's family was not involved in her life, and she grew up in "an all-white community" in Aroostook County. It was not until she moved to Los Angeles for a short time and found herself scared of others that she realized the impact the culture in which she was raised had on her, the article states. "The culture I grew up in gave me a predisposition to racism," she said, citing a lack of black television heroes but an abundance of black criminals. "Bias isn't this thing we make up to blame people for our problems," Daley said. "We're not saying you can't say a person is black or you can't talk to black people. This is a real, cultural thing that we're trying to change, and without talking about bias and discussing bias, it's never going to change."

UMaine Extension bulletin cited in BDN article on growing rhubarb

05 Jun 2018

The [Bangor Daily News](#) cited a University of Maine Cooperative Extension [bulletin](#) in the article, “Tips to grow rhubarb in Maine.” The publication was written by Richard Brzozowski, food system program administrator with UMaine Extension. The cool-weather perennial, which is a member of the buckwheat family, thrives in northern states where it gets cold enough to force the plant into dormancy, according to Brzozowski. “Rhubarb crowns should be split at least every four to five years, or whenever the plant begins to produce many small stalks rather than fewer large stalks,” Brzozowski wrote in the bulletin. “Rhubarb splitting and subsequent planting can be done in either the spring, when foliage is not fully mature, or in the fall, after foliage has been removed.” Rhubarb does best in well-drained, loamy soil that gets full sun throughout the day, he wrote. Once rhubarb has been established, the plant is fairly drought-tolerant, but when the weather is hot and dry, it needs adequate irrigation, the BDN reported.

Porter speaks with WABI about new potato variety

05 Jun 2018

Gregory Porter, a professor of plant, soil, and environmental sciences, as well as agronomy at the University of Maine, spoke with [WABI](#) (Channel 5) about a new gourmet potato variety developed by UMaine. Sporting a unique skin pattern, the Pinto Gold has been in development for 12 years, WABI reported. Out of 50,000 individual varieties tested at UMaine’s Aroostook Research Farm, the Pinto Gold was selected as the most promising, the report states. The potato isn’t destined for large-scale chip or french fry manufacturing, but for local gardeners, restaurants, and home cooking, according to the report. “It has very small tubers and wouldn’t be the type of variety that would be used by everybody in the potato industry,” said Porter, who leads UMaine’s potato breeding program. “But it works really well for that specialty market, and because of the small tubers, it’s very easy to put into a roasted product to get a lot of that nice skin. You just quarter the little potatoes and get a nice size potato for roasting.”

Dill interviewed for Sun Journal article on summer insect advice

05 Jun 2018

The [Sun Journal](#) interviewed Jim Dill, a pest management specialist for the University of Maine Cooperative Extension, for an article about insects in Maine to watch out for this summer. Insects to be wary of include the often disease-carrying ticks and mosquitoes, along with others such as eastern tent caterpillars, browntail moths and ants, the article states. Tips for minimizing contact with insects harmful to humans include wearing long clothing to protect against ticks, checking yourself and pets for ticks after being outside, removing standing water from property to discourage mosquitoes, and to see your doctor if you have been bitten by a tick and experience flu-like symptoms, according to the Sun Journal. And while ladybugs are not harmful, they can be bothersome in large numbers. “All summer long, if you really want to work at it, try to caulk all your cracks and crevices, especially if you’ve had a problem with them,” said Dill.

Social media spotlight: Nicholas Richmond

05 Jun 2018

Hometown: Yarmouth, Maine In 2015, Nicholas Richmond graduated with a bachelor’s degree in Earth sciences and now he’s pursuing a master’s in Earth sciences in the School of Earth and Climate Sciences. Richmond won the American Geophysical Union’s 2018 Spring Virtual Poster Showcase for his research on 3-D bedrock channel evolution. “The more we learn about how Earth is sculpted as a function of all the forces acting on it, with rivers and hillslopes acting as the conveyor belts of evolving landscapes, the better we will be able to characterize and predict geohazards across the globe. What makes this research special is that we are examining the evolution of Earth with three-dimensional physics. The UMaine research community promotes a culture of liberty, creativity and resourcefulness, which helps us approach unique science questions with efficiency. When I’m not writing code for research or personal programming projects, I like to spend my time becoming a better hang glider pilot, archer, ukulele player and bread baker.” See posts featuring Richmond on UMaine’s [Facebook](#) and [Instagram](#) pages.

Summer undergraduate research training workshop to be held June 16

06 Jun 2018

The University of Maine Office of Research Compliance will hold a Responsible Conduct of Research training 1–4:30 p.m. June 19 in Hill Auditorium. The session is for undergraduate students participating in research sponsored by NSF, NIH and/or USDA-NIFA. Registration is required by June 12. More information, including a link to register, is online.

UMaine Extension cited in Press Herald fiddlehead, grain salad recipe

06 Jun 2018

The [Portland Press Herald](#) cited a University of Maine Cooperative Extension bulletin in an article and recipe for Barley-Fiddlehead-Asparagus Salad. The recipe calls for boiling the fiddleheads in lightly salted water. According to the UMaine Extension [publication](#), “Facts on Fiddleheads,” you should boil the plants for 15 minutes to be safe, the article states.

BDN reports Darling Marine Center to take part in oyster celebration

06 Jun 2018

The [Bangor Daily News](#) previewed the first Damariscotta Oyster Celebration to take place June 14–16, mentioning that the University of Maine’s Darling Marine Center will participate in several ways. The center will host a Tour De Source event involving boat tours of oyster farms along the Damariscotta River. The tours will be open to those with a Benefactor Weekend Passport, an all-encompassing ticket package, and will run from 10 a.m. to 4 p.m. June 15, according to the BDN. The center also will host a coffee hour at 10 a.m. June 16. Additionally, 10 percent of ticket proceeds from the Taste Maine’s Future dinner June 15 will be donated to the center, the BDN reported. [Food Tank](#) also reported on the event.

Best College Reviews names UMaine among top green colleges, Facility Executive reports

06 Jun 2018

[Facility Executive](#) reported the University of Maine is among the Best College Reviews 2018 list of best green colleges in the United States. UMaine ranks No. 19 in the list, which is determined by the National Center for Education Statistics’ College Navigator database and based on tuition, a Princeton Review evaluation of green schools in the United States, and U.S. News and World Report’s overall rating of each school, the article states. The schools in the list show a commitment to environmental sustainability, benefiting quality of life on campus and reducing environmental impact through programs and policies, according to the article.

Lapp included in Interesting Engineering list of expert perspectives on solar technology

06 Jun 2018

[Interesting Engineering](#) included Justin Lapp, an assistant professor of mechanical engineering at the University of Maine, in a list of perspectives from experts on improvements that can be made to solar technology. Solar power is becoming a more effective solution for renewable energy, but needs improvement before entire countries can rely on it over fossil fuels, the article states. “Solar reactors in the past have had the problem of what you do at night when you don’t have sun, or even when clouds go by,” said Lapp. He focused on the issue of sun energy availability, working on CONTISOL, a dual reactor that can store energy and allow for chemical processing when sunlight disappears and is temporarily unavailable for harnessing, without losing any power in the process, according to Interesting Engineering.

AP quotes Beal in article on clam harvesting, farming

06 Jun 2018

The Associated Press cited Brian Beal, a professor of marine ecology at the University of Maine at Machias, in the

article, “As clam harvesting declines, could farming be the answer?” Fishermen have raked wild soft-shell clams in Maine and other states for hundreds of years, but threats such as growing populations of predators, like the invasive green crabs, drove Maine’s harvest to its lowest total since the 1930s last year, according to the article. While the situation is bleak, Beal said it creates an opportunity for farmers to save the clams. “Either people are going to forget about clams, or they’re going to say, ‘I miss clams, I wish they were around, why are they so expensive?’” he said. “That’s the time to say, if we had a clam farm, and we could put our hands on 1,000 bushel of clams, we’d have a lot of money.” [The Seattle Times](#), Bradenton Herald, Star-Telegram, Boston Herald and [The Maine Edge](#) carried the AP report.

Brewer speaks with WABI about banning political candidates from public events

06 Jun 2018

Mark Brewer, a political science professor at the University of Maine, spoke with [WABI](#) (Channel 5) for a report about how some public events, such as the annual Maine Lobster Festival parade in Rockland, are banning political candidates from making campaign stops. “You could certainly make the case they are infringing on a candidate’s rights to free speech, particularly if the event is being held in a public space and the public is widely invited to attend and participate,” Brewer said. He added he believes changes at some public events are being made to not show political bias and to be open to people of all political beliefs, but he feels it may cause more damage and further the divide. “You’re really closing off the possibility of public dialogue, which I think is incredibly important and valuable in American politics,” Brewer said. “Even at a time when the public dialogue isn’t overly civil and is quite heated, which I think is probably part of the reason why these organizations are taking these steps. I think at those times, the public dialogue is even more important. We need to be able to talk to each other and taking away a venue for doing that concerns me.”

Gabe featured in WalletHub piece about states with best economies

06 Jun 2018

Todd Gabe, a professor of resource economics and policy at the University of Maine, was featured in the “Ask the Experts” section of the [WalletHub](#) study, “2018’s Best & Worst State Economies.” Gabe said the two most important ingredients for economic development are human capital and the presence of technology-using businesses. “State and local officials can, therefore, help boost their economies by investing in their people — e.g., supporting education at all levels and helping low-wage workers upgrade their skills,” he said. [The Epoch Times](#) also published a version of the piece.

Community invited for coffee talk about oysters with DMC director

07 Jun 2018

The public is invited to join Heather Leslie, director of the University of Maine Darling Marine Center, for coffee and a chat about the past, present and future of Maine’s oyster industry at 10 a.m. June 16 in Brooke Hall. The hour-long event is to celebrate the Damariscotta River oyster industry, its longtime connection to the DMC and continuing collaborations between growers and scientists. People interested in attending are asked to register [online](#) for the free event. Maine’s oyster aquaculture industry was spawned, literally, at the DMC. In the early 1970s, the DMC’s first flowing seawater laboratory was built and researchers received a substantial award from Maine Sea Grant to develop cold water marine aquaculture. Graduate students and research technicians working on those early projects eventually founded the businesses that now produce nationally lauded shellfish. Seven of the nine farms along the Damariscotta River have ties to the center. Scientists and shellfish farmers continue to work together to solve today’s challenges. Leslie, an ecologist with strong interest in connections between ocean ecosystems and local economies, will highlight how she and other DMC scientists are growing understanding of how coastal ecosystems work, as well as ways that individuals and communities are adapting to changing environmental and economic conditions. Leslie also will reflect on how the DMC’s partnerships with the aquaculture industry and other marine businesses create opportunities for the next generation of marine scientists and professionals. This event is part of the [Damariscotta Oyster Celebration](#), a three-day culinary event showcasing oysters and growers of the Damariscotta River. In recognition of the importance of

science in supporting sustainable aquaculture on the river — particularly the foundational role of research conducted through the DMC — organizers will donate 10 percent of their proceeds from the Taste Maine’s Future dinner Friday, June 15 to the Darling Marine Center.

VillageSoup previews annual Festival of Art at Hutchinson Center

07 Jun 2018

The annual Festival of Art in Belfast will take place at the University of Maine Hutchinson Center June 7–9, [VillageSoup](#) reports. The variety of works shown in the festival were created by 153 artists. The show is nonjuried and was produced by the Senior College at Belfast located in the Hutchinson Center. The festival will begin with a reception including live music and refreshments from 6–8 p.m. June 7, according to the article.

Brewer speaks with Maine Public about ranked-choice voting campaigns

07 Jun 2018

[Maine Public](#) interviewed Mark Brewer, a political science professor at the University of Maine, for the report, “Will campaigns about ranked-choice voting affect voter turnout?” Next week, Maine voters will decide whether to continue to use ranked-choice voting in future elections. In anticipation of this decision, two very different campaigns are underway, according to the report. The challenge for the Yes Campaign, according to Brewer, will be to get independent voters to turn out in a primary election. “Independents don’t have a gubernatorial primary to weigh in on, they don’t have a second congressional district primary to weigh in on, so what is going to bring them to the polls in June?” Brewer asked. “Well, if you are a ranked-choice voting supporter, you better hope it is ranked-choice voting that’s going to bring them there.” Brewer said polling during the initial campaign for ranked-choice voting two years ago indicated that independent voters strongly supported the proposal, which passed by a margin of 52 to 48 percent.

AP quotes Beal in article on Green Crab Working Summit

07 Jun 2018

Brian Beal, a professor of marine ecology at the University of Maine at Machias, was quoted in an Associated Press article on the Green Crab Working Summit being held in Portland. Scientists, fishermen, chefs and others gathered at the event to brainstorm uses for the invasive crabs that are threatening New England’s shellfish industry, according to the report. There are billions of the crabs off New England’s coast, so finding new uses for them is worthwhile because they never will be eliminated, Beal said. The state’s shellfish industry also can find strategies to avoid them, such as farming, he said. “We can eat them, but we’re never going to eat them to death. We can trap them, but we’re never going to trap them to death,” Beal said at the summit. “So what do you do? We can adapt.” The [Portland Press Herald](#), [The Maine Edge](#), San Francisco Chronicle, [The Daily Courier](#), [Panama City News Herald](#), [Pueblo Chieftain](#) and [Daily News-Miner](#) carried the AP article.

Lobster Institute statistics cited in media reports on orange lobster

07 Jun 2018

[The Associated Press](#), [Metro](#), [Newsweek](#), [Boston](#) magazine, [United Press International](#), [WBZ](#) (Channel 4 in Boston), [WHDH](#) (Channel 7 in Boston), [The Washington Post](#), [CBS News](#) and [Richland Standard](#) cited statistics from the Lobster Institute at the University of Maine in a report of a rare orange lobster discovered at a Massachusetts supermarket. Roche Bros. Supermarkets said workers at their Westborough store found the lobster in a shipment of crustaceans from Cape Breton Island in Nova Scotia, AP reported. According to the Lobster Institute, the likelihood of a lobster being orange is about 1 in 30 million, the reports stated. Bob Bayer, executive director of the Lobster Institute, told Newsweek the unique coloration is the result of a genetic variation. There also have been instances of blue lobsters being discovered, but orange ones are even rarer, Bayer said. The lobster was donated to the New England Aquarium in Boston. Aquarium officials said the crustacean is about 7 to 9 years old and it is lucky to be alive because its color was “flashing a neon sign” to predators. [Maine Public](#), [News Center Maine](#), [The Seattle Times](#), [Morning Sentinel](#) and

[Kennebec Journal](#) carried the AP article.

Gallandt quoted in Times Record article on local lettuce, supply chains

07 Jun 2018

Eric Gallandt, a professor of weed ecology at the University of Maine, was quoted in a [Times Record](#) article on locally grown lettuce. Springworks Organics, a Lisbon company founded by a Bowdoin College student, is providing a locally sourced sustainable option for greens at a time when more people are thinking about where their food comes from, the Times Record reported. Gallandt spoke to the challenges of tracking the origins of food-borne illness in places like California and Arizona, which have large farms of romaine, and the benefits of reducing the size of the supply chain. “With local farmers, they typically know exactly where stuff comes from. The motivation is extremely high, because chances are they’re out there looking their customer in the face every day,” Gallandt told the Times Record.

Gardner guest on Maine Public’s ‘Maine Calling’

07 Jun 2018

Susan Gardner, director of the University of Maine’s Women’s, Gender, and Sexuality Studies program and Rising Tide Center, as well as a professor of higher education, was a recent guest on [Maine Public](#)’s “Maine Calling” radio show. The show focused on how implicit bias manifests itself and what people can do to understand their own beliefs.

UMaine receives federal funds for transportation research center, media report

07 Jun 2018

[WABI](#) (Channel 5), [Mainebiz](#), the [Bangor Daily News](#) and the Associated Press reported the University of Maine will receive a \$2,570,600 grant to lead a coalition of New England universities in the creation of a University Transportation Center (UTC). UMaine will receive about \$14 million over the next five years toward leading transportation research to address challenges in the national transportation system. Every five years since 1987, academic institutions take part in the competition to create a UTC for their region, and the past five rounds have been led by the Massachusetts Institute of Technology, WABI reports. “Building on an impressive legacy of accomplishment, UMaine is well-positioned to lead this research to address the major challenges facing the future of our nation’s transportation systems,” Sen. Susan Collins said in a [statement](#). “We look forward to leading research that will extend the life of existing bridges, construct longer-lasting assets, and reduce costs for the DOT and the public,” Habib Dagher, the founding executive director of UMaine’s Advanced Structures and Composites Center, said in the statement. U.S. Rep. Chellie Pingree also issued a [release](#) announcing the grant. Maine Public, [The Seattle Times](#), [The Washington Times](#), The Fresno Bee, SFGate, [U.S. News & World Report](#), [The Times Record](#) and The Kansas City Star carried the AP report. Wired Focus carried the WABI report.

UMaine Geology Club explores glacial deposits, volcanic rocks in Iceland

08 Jun 2018

In May, 19 University of Maine Geology Club members and two faculty took a 10-day field trip to Iceland. The focus of the student-planned trip was on glacial deposits and volcanic rocks in the south of Iceland. The group toured Thingvellir National Park, site of Iceland’s first government and the center of the Mid-Atlantic Ridge Rift Valley where North America and Europe are separating; Geysir, the site of the original geyser; and Gullfoss, Iceland’s largest waterfall, which descends 60 meters into a fracture zone.



The group

also spent a day visiting museums and shopping in Reykjavik and taking a dip in the Blue Lagoon, a popular hot spring. The trip was supported by UMaine alumnus Scott Golden's contribution to the School of Earth and Climate Sciences along with contributions from the Geological Society of Maine, the Maine Mineralogical and Geological Society, and the College of Natural Sciences, Forestry and Agriculture.

Biddeford-Saco-OOB Courier advances panel discussion on hunger

08 Jun 2018

The [Biddeford-Saco-OOB Courier](#) reported Union Church in Biddeford will host a panel discussion on ending hunger in Maine from 7 to 8:30 p.m. June 10. Panelists are expected to include Justin Alfond, former president of Maine's Senate and co-founder of Full Plates Full Potential; Frank Wertheim, an associate professor of agriculture with the University of Maine Cooperative Extension and committee chairman of the Maine Hunger Dialogue; Holly Culloton, a master gardener volunteer who is co-leading the creation of Biddeford's Mission Hill Community Garden; and Emily Whitmore from The Farm, according to the article.

BDN cites UMaine Extension in article on caterpillar invasion

08 Jun 2018

The [Bangor Daily News](#) referenced a University of Maine Cooperative Extension [fact sheet](#) in an article about a forest tent caterpillar invasion in Blue Hill. According to "Pest Management Fact Sheet #5022: Forest and Eastern Tent Caterpillars," the caterpillars' favorite hosts are oak, poplar, maple and birch trees. The caterpillars mature in June, with adult moths appearing by July 1. Hatching a generation a year, they can denude forests for up to five years, the article states. Higher defoliating populations drop after two years due to weather, parasites and disease, the BDN reported, citing the fact sheet.

Mount Desert Islander advances Johnson's climate change talk

08 Jun 2018

[Mount Desert Islander](#) reported Tora Johnson, an associate professor of geographic information systems (GIS) and environmental studies at the University of Maine at Machias, will discuss the current and future impacts of climate change at the Southwest Harbor Public Library from 5:30–7 p.m. June 12. Johnson will speak about climate change effects in the area and what communities can do to prepare and prosper, according to the article. She will share free, interactive maps and online tools that can help with local planning and will talk about causes of conflict over climate issues and ways communities can manage disagreements and come together to meet a changing future, the article states. Johnson, who also serves as the director of the GIS Laboratory and Service Center at UMM, earned a doctorate in natural resource policy from the University of Maine, [Mount Desert Islander](#) reported.

The County reports on drafting, engineering technology dual-enrollment program

08 Jun 2018

[The County](#) reported the SAD 1 Presque Isle Career and Technical Center has announced a dual-enrollment opportunity for students in the drafting and engineering technology program. As a result of a collaboration between the University of Maine College of Engineering, Bridge Year Educational Services Inc. and the technical center, beginning in fall 2018, students enrolled in the the drafting and engineering technology program will be able to earn college credit for the course, according to the article. Since 2014, 13 Presque Isle Career and Technical Center graduates have been accepted into the UMaine College of Engineering, majoring in mechanical engineering technology, mechanical engineering and chemical engineering. The opportunity will provide an enhanced pathway for SAD 1 students desiring to pursue an engineering degree through UMaine, the article states.

Wall Street Journal quotes Brewer in article on ranked-choice voting

08 Jun 2018

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Wall Street Journal](#) article, “Maine puts new voting system to the test.” Maine voters will be able to choose more than one candidate in crowded primaries, including contests for the governor’s race, according to the article. Voters in 2016 approved the new system that allows them to pick candidates in order of preference, elevating a system known as ranked-choice voting from use in several U.S. cities, the article states. Maine voters adopted the system by ballot measure after years of failed bills. The election of Gov. Paul LePage, a combative Republican who won two terms without majority support, helped spur the change, political observers said. “That irritated some people, for sure,” Brewer said.

UMaine Extension holds sustainable agriculture field day June 27

11 Jun 2018

University of Maine Cooperative Extension holds its annual sustainable agriculture field day tour Wednesday, June 27, 4:30–7:30 p.m. at UMaine’s Rogers Farm, 914 Bennoch Road, Old Town. The free public event is designed for farmers, crop advisors and people interested in agricultural production who want to learn more about sustainable agriculture research with a focus on small grains, potatoes, soybeans and crop modeling. Topics include undersowing and cover crops for potatoes, weed management in small grains and soybeans, and using green manure as a nitrogen source. Presenters include UMaine professor of weed ecology and management Eric Gallandt; Extension soil and water quality specialist John Jemison; Extension sustainable agriculture specialist Ellen Mallory; Extension sustainable agriculture research associate Tom Molloy; and UMaine graduate students in sustainable agriculture Audrey Laffley, Margaret Pickoff and Brogan Tooley. Several new Extension faculty members also will participate. Rogers Farm is part of UMaine’s J.F. Witter Teaching and Research Center. Participants will receive one pesticide certification credit and 2.5 certified crop advisor credits. Registration begins on site at 4 p.m. For more information or to request an accommodation, contact John Jemison, 207.581.3241, jemison@maine.edu. More information is [online](#).

UMaine, partners awarded federal grant for wave energy converter, reNEWS reports

11 Jun 2018

[reNEWS](#) reported that the University of Maine is a partner in a research team to create a wave energy converter that was one of five projects selected to receive \$4.4 million from the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy's Water Power Technologies Office. The team, comprising Enorasy, Raytheon and Draper Labs, will build a 1:10 scale prototype of the converter, which will be tested at UMaine, according to the article. [EIN News](#), [Renewables Now](#), [HydroWorld](#) and [Renewable Energy Magazine](#) also reported on the grant.

Kennebec Journal and Morning Sentinel quotes Brewer in article on politics, social media

11 Jun 2018

The [Kennebec Journal and Morning Sentinel](#) quoted Mark Brewer, a professor of political science at the University of Maine, in an article on today's political climate and the influence of social media. The article, while focusing on a recall vote for Waterville Mayor Nick Isgro following a controversial tweet he posted about Florida school shooting survivor David Hogg, also mentioned several other recent incidents in which behavior by public figures on social media had resulted in their loss of status. "I don't think there's any doubt nationwide that Donald Trump's behavior, particularly on social media, but really everywhere, has had an impact on the political discourse. We saw this in the way he spoke as a candidate. Now, as president, he seems willing and eager to say things in such a way previous presidents just didn't do ... it's inevitably going to roll down the ladder," Brewer said. In regard to Isgro's tweet, Brewer thinks the backlash could have arisen from the target's circumstances. "Certainly racist or homophobic tweets also cross a line, but directing an attack at a child, most Americans strongly feel that line shouldn't be crossed," said Brewer. The [Portland Press Herald](#) also carried the article.

Myracle, Beal quoted in SeafoodSource article on invasive green crabs

11 Jun 2018

An article in [SeafoodSource](#) on the Green Crab Working Summit in Portland, Maine June 6 and 7 quoted Angela Myracle, an assistant professor of human nutrition at the University of Maine, and Brian Beal, a professor of marine ecology at the University of Maine at Machias. As the Gulf of Maine warms, the European green crab is becoming more common in the state and causing damage to native species, according to the article. The interactive working summit proposed ways the crabs could be utilized for food purposes, and presented scientific findings that showed reducing the number of crabs to a "manageable level" would be more effective than an unrealistic attempt to eliminate them completely. "We're looking at this from a food perspective. If we get it into the food stream, I'm sure it will have a niche," said Myracle, who has been investigating potential health benefits of the crabs for both humans and other animals. "I think trapping and mitigation is something we say to feel good," said Beal. He explained that human intervention would be an "uphill battle," since its proven success has been in cases where the species are endemic to Maine; green crabs are invasive and more difficult to control. The summit presented ways to adapt to this new reality, including measures like population control but also the possibility for economic benefits in the short term while the longer term environmental issue is being addressed.

Brewer, Glover interviewed for BDN report on primary election

11 Jun 2018

The [Bangor Daily News](#) interviewed Mark Brewer, a political science professor at the University of Maine, and Rob Glover, an associate professor of political science at UMaine, for a report on Maine's primary election June 12. Focusing on the Democratic candidates for House Representative in Maine's 2nd Congressional District, the report presents several perspectives on strategies for Democrats to regain the seat and the political influence that comes with it. Voters in the district tend to lean libertarian and vote based on issues over party lines, and this is where the candidates should focus their efforts, the article states. The upcoming vote also appears to go beyond the candidates running. "He's the head Republican who's not on the ticket but is certainly on the minds of everyone," Brewer said of President Donald Trump and the role he plays in voters' decision-making. "To say where you stand in relation to this president, that could be used as a tool to potentially energize Democrats ... Calling Poliquin to account for degeneration of discourse at the state and national level will be key," said Glover. "The fact that he's continued to win with continued support might just

be a statement of tribalism in American politics.”

BDN reports on Cooperative Extension’s new lab

11 Jun 2018

The [Bangor Daily News](#) reported on the new University of Maine Cooperative Extension Diagnostic and Research Laboratory, and quoted two Extension employees. The 28,000 square foot facility, funded by an \$8 million 2014 state bond and a \$2.1 million share of a \$7 million 2017 bond, will host lab spaces for plant and veterinary diagnostics, an insect lab and an aquatic animal lab, and “will be among the most biosecure, technologically cutting edge and scientifically advanced laboratories in the state,” according to the BDN. These labs will fill 21,000 square feet and the Cooperative Extension plans to lease the rest of the space to the National Ocean and Atmospheric Association. There will be a tour of the lab open to the public from 10 a.m. to 2 p.m. June 22 for the facility’s grand opening. After that, members of the public will be able to access the entryway to bring in plant or insect samples for diagnosis, but will not be able to enter the rest of the biosecure facility, according to the article. “Samples can be quarantined, disinfected or killed as needed. The emphasis is nothing leaves here alive — this is about determining what the pest or disease is and best to manage it,” said John Rebar, the executive director of the Cooperative Extension. “We will be able to identify pests and bacteria down to the species,” said Alicyn Smart, plant pathologist and an assistant Extension professor. “This is very important for research and to farmers who need to know if they are seeing new species or ‘races’ of pests and diseases in the state and how to deal with them.” The new facility will allow for even more accurate diagnoses and outreach for the entire state. “It’s like we are going from horse and buggy technology to the space shuttle. This is a real game changer for what we can do for Maine,” said Rebar. [Mainebiz](#) also reported on the lab, and [The County](#) carried the BDN report.

SEANET announces grants for Down East aquaculture research

11 Jun 2018

Maine EPSCoR’s Sustainable Ecological Aquaculture Network (SEANET) is funding two projects in Washington County to better understand the effects of environmental change and management policies on soft-shell clams and Atlantic sea scallops. Sustainable aquaculture presents opportunities for economic development and growth in Down East Maine’s coastal communities. “As interest in this industry continues to grow, critical research investments must be made to ensure the sector’s long-term sustainability,” says Meggan Dwyer, research coordinator for SEANET. Survival rates for soft-shell clam seeds have fallen dramatically in recent years, possibly due to many factors, including acidification in Maine’s coastal waters, and the increased presence of invasive predators, such as green crabs, whose population has exploded along Maine’s coast. Researchers at the University of Maine at Machias, led by Brian Beal and William Otto, have received a \$12,000 award from EPSCoR’s 2018 Mini-Grant Program to investigate the effects of pH levels and predator endangerment on the survival rates of juvenile soft-shell clams, *Mya arenaria*. Beal and Otto will examine the roles that water chemistry and predation have on diminished clam landings. Their findings will help establish mechanisms to combat the most-critical threats and increase success rates for the commercial production of soft-shell clams. In addition, Brian Preziosi and Timothy Bowden will lead research at UMaine that examines hatchery culture methods for Atlantic sea scallops, *Placopecten magellanicus*. A \$12,000 SEANET Mini-Grant award will support their work to increase annual spat production to improve the stability of this fledgling aquaculture sector. Despite strong consumer demand for wild scallops, wild harvesters face shrinking state and federal management quotas. Researchers recognize this gap as an opportunity for Washington County, an area with a longstanding tradition of scallop fishing, with ideal conditions for sea scallop culture. As Maine’s coastal environments continue to change, Preziosi believes developing alternative sources of juvenile scallops for aquaculture farmers will help stabilize and expand annual production of sea scallops and other commercially important bivalves, leading to job opportunities in the area. “The goal of SEANET’s mini-grant program is to respond rapidly to aquaculture R&D needs in the state,” says Deborah Bouchard, director of UMaine’s Aquaculture Research Institute and SEANET Research Network director. “These two projects will address the unique needs of the Down East region in synthesis with the environmental data collected through SEANET’s buoy and sampling system that has been deployed in the region.” In addition to this research, SEANET personnel in Washington County are supporting marine STEM sciences through local education and outreach activities. By creating sustainable aquaculture infrastructure, expertise and collaborations, SEANET aims to

establish a lasting network of researchers whose goal is to inform regulators, investors, aquaculturists, and the public on the best available science in sustainable aquaculture. Contact: Meggan Dwyer, 207.745.0834

Get your feet wet this summer at the Maine Discovery Museum

12 Jun 2018

Have you heard the old saying about selling seashells by the seashore? Well, what about telling sea stories about the seashore? If you haven't yet, don't worry, it'll catch on soon. This summer, the Maine Discovery Museum is hosting SEANET education outreach assistant Jordan Houdeshell for a weekly Seaside Stories hour in downtown Bangor. The series, which started earlier this month, features a different storybook each Tuesday afternoon, followed by an age-appropriate STEM art project. The series is the result of an ongoing partnership between the Maine Discovery Museum and Maine EPSCoR's Sustainable Ecological Aquaculture Network (SEANET). In 2017, SEANET opened an interactive aquaculture exhibit on the ground floor of the museum. The exhibit features a virtual reality salmon pen and a hands-on oyster- and mussel-harvesting experience. "The aquaculture exhibit has been a big hit and we're thrilled to increase the amount of programming we're able to do with the museum this summer," says Laurie Bragg, Maine EPSCoR's outreach and program manager. "This is a fantastic opportunity to introduce kids to marine science and engineering through fun, interactive activities." In addition to the Seaside Stories hour, Houdeshell, an undergraduate education student at the University of Maine, will be leading Seaside Science Lessons at the museum. These innovative lessons are designed to encourage the development of math and science skills in visitors ages 4–12. Houdeshell's education concentration at UMaine is in math and she's excited about sharing her enthusiasm with young museumgoers. "I love math," she says. "And, I think it's important that kids learn to problem solve. Using math outside the classroom is the perfect way to foster those skills." In addition to these regularly scheduled activities, Houdeshell will host informational touch tank sessions at the museum and is developing special programming around marine science celebrations, including Shark Week and Cephalopod Week. Seaside Stories takes place Tuesdays at 2 p.m. through Aug. 14 and Seaside Science Lessons takes place Thursdays at 2 p.m. through Aug. 16. For information and admission pricing, visit the Maine Discovery Museum [website](#).

VillageSoup interviews Leaverton for preview of storytelling event

12 Jun 2018

In a preview for the "Picnic of Books" event at Triplet Park in Unity June 16, [VillageSoup](#) interviewed Lisa Leaverton, a part-time faculty member in communication and journalism at the University of Maine as well as an artist, writer and director. The event will be an opportunity for children of all ages to hear stories about appreciating differences while enjoying lunch in the park. It will be co-hosted by Leaverton's cousin Kathryn Piper, who owns a halal butcher shop with her husband that was the target of vandalism, possibly through a hate crime, according to the article. "The incident in Troy made me think about how we come to appreciate people who are different from us," said Leaverton. Leaverton teaches storytelling at UMaine, and this event was partly inspired by an activity she does with her students involving interpreting children's literature through oral performance. "We rely upon it culturally as a way to introduce children to culture, to ideas, and to help them master so many things," said Leaverton. The event will foster both the benefits of literacy and the appreciation for and knowledge of different cultures. "Literacy is essential for expanding our horizons since we encounter cultures through books, traveling beyond our own backyards," said Leaverton.

BDN quotes Trickey in article on June frosts

12 Jun 2018

The [Bangor Daily News](#) quoted Linda Trickey, an agricultural assistant for the University of Maine Cooperative Extension's Aroostook County office, in an article on June frosts. Recent frosts have prompted many farmers in Aroostook County to bring their seedlings inside to protect them from damage, while those who are unable to do so have lost crops to the frost. Though cold springs are not uncommon, this year is especially challenging because the weather appeared to be warming up and farmers were optimistic. However, gardeners are about two weeks behind schedule in planting, the article states. Trickey told the BDN that recent lack of rainfall is also likely contributing to the

growing season's slow start, and that plants are slow to germinate. "They're growing. They're just not flourishing, shall we say. Farming is a very tough way to make a living," Trickey said. Maine Public carried the BDN report, and [Morning Ag Clips](#) adapted it.

Maine Public interviews Brewer about primary polling

12 Jun 2018

[Maine Public](#) interviewed Mark Brewer, a professor of political science at the University of Maine, for a report on polling in primary elections. Primary polling has always been difficult and not an effective measure of the election outcome because of low voter turnout. But new ranked-choice voting laws complicate this even more, the report states. "Polling has gotten a lot harder over the last 20 to 30 years. Cell phones have caused a huge problem, unwillingness of people increasingly to give information to pollsters has caused a problem," Brewer told Maine Public. Brewer also thinks it is difficult to collect a sample that accurately reflects a group's demographic makeup and that it would be more effective to collect information from those who are likely to vote or have already voted absentee. Polling on people's ranking of candidates over the phone would be difficult, especially since many probably would not have given much thought to candidates who were not their first or second choices, Brewer said.

Porter interviewed by Boston Globe on potato journey

12 Jun 2018

The Boston Globe interviewed Gregory Porter, a professor of plant, soil, and environmental sciences, as well as agronomy at the University of Maine, about his experiences in the potato business and his recent release of a new potato variety. Porter works on Aroostook Research Farm in Presque Isle, Maine, researching and breeding potatoes. He was raised on a potato farm in Washburn, Maine and took over the potato breeding program at UMaine in 2007, which has introduced four new potato varieties since 2014, according to the Globe. And he is a potato "fan" himself. "Oh, I love 'em. I eat 'em all the time. Never get sick of 'em. I like 'em baked, like 'em roasted, like 'em scalloped..." Porter told the Globe. And the most recent variety he developed, the Pinto Gold, named for its yellow flesh and patchy patterned skin, is suitably versatile, though it is best for roasting. The impressive feat began in 2008 when the United States Department of Agriculture's Agricultural Research Service's potato breeding program sent leftover plant material from a cross-pollination to Maine's program. Successful creation of a new variety that is unique, resistant to pests and attractive to potential buyers can take years of hard work, and experiments often end in failure, the article states. But Porter had a hunch that the Pinto Gold was special, and now it has emerged publicly and gained national recognition. He does not expect significant financial returns, but the endeavor was a success nonetheless. "We just kept moving forward," said Porter.

Wallhead quoted in Press Herald report on field-grown perennials

12 Jun 2018

The [Portland Press Herald](#) quoted Matthew Wallhead, an ornamental horticultural specialist and assistant professor of horticulture with the University of Maine Cooperative Extension, in an article on field-grown perennials. Field-grown plants can have a number of benefits to both consumers and growers compared to container-grown plants, including being able to flourish within the existing climate, having a stronger root system, and giving consumers an opportunity to buy local. Perennials specifically are more likely to grow without requiring irrigation and without replanting every year, and are easy to grow organically, the Press Herald reported. Field-grown plants can be planted "as soon as the soil can be worked" and "acclimate sooner [after planting] and that aids their longevity," said Wallhead.

UMaine hosts hazing prevention summit June 13–14

13 Jun 2018

Twenty-one representatives from six other universities will gather at the University of Maine for a summit on campus hazing June 13–14 at Doris Twitchell Allen Village. The institutions are members of the Hazing Prevention

Consortium, a multi-year research-to-practice initiative led by UMaine professor of higher education Elizabeth Allan to build an evidence base for hazing prevention on college campuses. Consortium members come from select colleges and universities that have demonstrated a commitment to eliminate hazing and readiness to launch a comprehensive approach to prevention. “Research on hazing prevention is quite limited, so our work is geared toward building the field of hazing prevention so campus professionals can be equipped with tools that work,” says Allan. Over a three-year period, member campuses are coached and receive technical assistance from research and prevention experts to assess the hazing climate on their campuses, as well as to build institutional and leadership commitment to hazing prevention. Members develop, implement and evaluate hazing prevention strategies, and share lessons learned with other schools. In addition, they test and collect data on prevention strategies to contribute to broader knowledge about ways colleges and universities can most effectively prevent and respond to hazing. Representatives from Dartmouth College, the Massachusetts Institute of Technology, Tufts University, University of North Carolina at Chapel Hill, University of Oregon, and University of Texas at Austin will take part in the summit. They are members of the second cohort of universities to participate in the Hazing Prevention Consortium. The first cohort of seven universities, including UMaine, wrapped up its work in 2016.

BDN previews ‘Cooking for Crowds’ workshop

13 Jun 2018

The [Bangor Daily News](#) previewed the University of Maine Cooperative Extension’s “Cooking for Crowds–Food Safety Training for Volunteer Cooks” workshop. The workshop will focus on up-to-date information on how to handle, transport, store and prepare foods safely for large group functions, and is \$15 per person. It will be held at the UMaine Extension office at 307 Maine Avenue in Bangor at 5 p.m. June 20.

Ellsworth American publishes UMaine release on SEANET grants

13 Jun 2018

The [Ellsworth American](#) adapted a University of Maine news release on grants for Down East aquaculture research. The grants from Maine EPSCoR’s Sustainable Ecological Aquaculture Network (SEANET) will fund two projects in Washington County to investigate the effects of environmental change and management policies on Atlantic sea scallops and soft-shell clams. SEANET’s goal is to create a network of researchers to inform the regulators, investors and members of the public on sustainable aquaculture, and SEANET will also support marine sciences in Washington County through education and outreach initiatives, the release states.

Central Maine advances sustainable agriculture field day

13 Jun 2018

[Central Maine](#) advanced the University of Maine Cooperative Extension’s annual sustainable agriculture field day tour. The free event is aimed at farmers, crop advisers and others interested in agricultural production, with a focus on small grains, potatoes, soybeans and crop modeling, and will take place from 4:30–7:30 p.m. June 27 at UMaine’s Rogers Farm at 914 Bennoch Road in Old Town.

UMaine 4-H Camp educator quoted in Sun Journal article on watershed study

13 Jun 2018

An article in the [Sun Journal](#) about a watershed study through the Androscoggin Watershed Council quoted Norman Greenberg, a professional educator at the University of Maine 4-H Camp & Learning Center at Bryant Pond and an instructor at Telstar Freshman Academy at Telstar High School. The study is a collaboration between Jeff Stern, a fisheries biologist with the council, and students at the academy, who travel with Stern to streams and rivers in Western Maine and help him record water temperatures, turbidity, dissolved oxygen, conductance and pH levels, the article states. The project aligns with the students’ classwork related to the history and environment of the area. “Together,

these data points paint a picture of the health of the watershed for brook trout, an indicator species for water quality,” said Greenberg.

UMaine research cited in VillageSoup preview of Community Compost event

13 Jun 2018

[VillageSoup](#) previewed an educational seminar and launch event for ScrapDogs Community Compost, citing research from the University of Maine. The 2011 UMaine report stated that about 39 percent of Maine’s waste is organic and can be composted rather than being incinerated or sent to landfills. For communities that pay to have their waste removed, installing composting infrastructure would provide a way to reduce disposal costs. The event, to be held at Flatbread Company in Rockport from 5–9 p.m. June 29, will give an overview of the new organization’s composting operations and pickup program, and ways for the community to become involved, VillageSoup reported.

Kirby interviewed by BDN for article on June bugs

13 Jun 2018

The [Bangor Daily News](#) interviewed Clay Kirby, an associate scientist and insect diagnostician with the University of Maine Cooperative Extension, for an article on June bugs. The insects are common in the summer, to the dismay of many, but Kirby explained that they are really nothing to worry about. Since there are several species in Maine, people might think they live longer than they do. “Typically June bugs do not live more than several weeks,” said Kirby. June bugs are not harmful to humans, and though their diet consists of tree bark they do not cause significant tree damage, according to the BDN. But Kirby acknowledges they can be startling. “They bang up against screens and windows at night and then make that buzzing sound with their wings. So maybe it’s just about the things that go bump in the night,” said Kirby.

Free screening of ‘Space Jam’ June 22 on Morse Field

13 Jun 2018

The University of Maine Athletics Department is partnering with local businesses to host a free community movie night on Morse Field at Alford Stadium at 8 p.m. June 22. Members of the public are welcome to bring blankets and refreshments and enjoy a showing of “Space Jam.” The event is the first in the Orono Old Town Economic Development Community Movie Nights Summer Series, with the next showing to take place at 7 p.m. Aug. 24. For questions, contact Karl Bedal at kbedal@blackbearsportsproperties.com.

Rising sea level a growing threat to coral

14 Jun 2018

Many coral reefs will be unable to grow fast enough to keep up with rising sea levels, exposing tropical coastlines to increased risk of erosion and flooding, according to new research by an international team of scientists. The research team, led by scientists from the University of Exeter and including University of Maine oceanographer Robert Steneck, compared the maximum growth rates of coral reefs with predicted rates of sea level rise, and found many reefs will be unable to keep pace. Their [findings](#) and a [cover story](#) about the research were published in the journal Nature. “Given all the people who depend on coral reefs as self-repairing breakwaters, this study should stimulate policymakers to redouble management efforts on local coral reef fish to improve the health of reefs,” says Steneck. “In the long term we must find ways of curbing and reducing the emission of greenhouse gases.” A news release issued by the University of Exeter on the research is [online](#). Contact: Margaret Nagle, 207.581.3745

Team creates online database to compare regenerative tissue capabilities among animals

14 Jun 2018

Editor's note: More information about this UMaine-MDI Biological Laboratory research focused on new genetic regulators of regeneration is [online](#). Comparing regenerative tissue capabilities among animals is the focus of a new database created by a team of researchers at the University of Maine and MDI Biological Laboratory. Benjamin King, an assistant professor of bioinformatics at UMaine, and Viravuth Yin from the MDI Biological Laboratory in Bar Harbor, led a team to create [RegenDbase](#), the Comparative Models of Regeneration Database. While regenerative capacity in mammals is limited to select tissues, lower vertebrates such as zebrafish and salamanders have the ability to regenerate entire limbs and most adult tissues, including heart muscle, according to the researchers. The online resource allows researchers to compare gene expression patterns across animals with different regenerative capacities to look for shared and unique patterns of gene expression. It incorporates gene expression data sets for protein-coding genes and regulatory RNA molecules from zebrafish, axolotl salamanders and mice. The researchers used the new database to conduct a comprehensive gene expression study to find RNAs common to heart regeneration in both neonatal mice and zebrafish using an extensive new zebrafish data set. Twenty-eight new zebrafish regulatory RNA molecules were identified using those data, according to King. “The new zebrafish data set allowed us to identify putative novel genes expressed during early stages of cardiac regeneration,” King says. “These long noncoding RNAs are promising candidate genes that could regulate protein-coding genes. The bioinformatics database provides systems-level analysis of gene expression patterns to understand how networks of genes regulate tissue regeneration.” Future incorporation of data sets from other organisms and human tissues will enable broader cross-species comparisons of regenerative biology, the researchers hypothesize. King is the lead author of “RegenDbase: a comparative database of noncoding RNA regulation of tissue regeneration circuits across multiple taxa,” which was recently published in the journal [npj Regenerative Medicine](#). Among the co-authors of the study is UMaine student Grace Smith, a molecular and cellular biology major in the Honors College. This summer, Smith is taking part in the Novartis Scientific Summer Scholars Program where she is conducting research at the Novartis Institutes for BioMedical Research in Cambridge, Massachusetts. Contact: Margaret Nagle, 207.581.3745

Social media spotlight: Logan Sauer

14 Jun 2018

Hometown: Dumfries, Virginia Logan Sauer, a wildlife ecology student, enjoys being in the wilderness and learning about the world around him and organisms in it. He just returned from a semester in Townsville in Queensland, Australia (where this photo was taken) through International Studies Abroad. “We met an Aboriginal man and went through this whole ceremony. We sat in a semicircle, closed our eyes, and breathed in smoke from burning eucalyptus. While this happened, he asked us questions that made us think about our life choices and if we were happy. This really made us all think about what we want to do with our lives and how we want to live ... At the end, his assistant made a clay mixture and we came up one by one and she made a different pattern on each of our faces. It was an awesome experience that felt like a rite of passage for coming into Australia, one that I will never forget. Outside of academics, I enjoy painting and playing tennis. I chose UMaine because of the wildlife ecology program and location. I love my professors in the department and the friends I have made in college; I don’t know what I would’ve done without them.” See posts featuring Sauer on UMaine’s [Facebook](#) and [Instagram](#) pages.

EPSCoR, Cooperative Extension demonstrate Maine-themed science toolkits

14 Jun 2018

In 2014, a small group of students, faculty and staff from Maine EPSCoR and University of Maine Cooperative Extension discussed the possibility of creating a suite of marine science curricula to distribute in classrooms across the state. Over the years, this seed of an idea has grown into a set of nationally recognized, hands-on science toolkits. Each toolkit — a tub full of curriculum packets and supplies — contains lessons that are universally designed and aligned with Next Generation Science Standards to maximize their impact and accessibility. The kits are mobile and available for use statewide in classrooms, 4-H and Scout groups, and with extracurricular programs. Lesson plans and activities also can be found on UMaine Extension’s digital resource portal. Members of the original design team, including Maine EPSCoR outreach and program manager Laurie Bragg, 4-H youth development professional Carla Scocchi, and 4-H science professionals Laura Wilson and Sarah Sparks, collaboratively developed lessons and pilot-tested the kits in

classrooms throughout Maine. The first toolkit, Exploring Marine Science and Aquaculture, recently was approved by the national 4-H certifying board. It's the first set of aquaculture-related curriculum to earn national-level recognition. The Science of Seaweed toolkit also has been awarded certification by 4-H national peer review. "Receiving certification with National 4-H peer review demonstrates that these aquaculture units have met rigorous standards of quality and integrity related to content and are at appropriate youth development levels," says Sparks. Sparks, Bragg, and Scocchi will present the toolkits at the end of June during an "Introducing Marine Science" session at the National Agriculture in the Classroom Conference in Portland, Maine. This year's conference, "On Land and Sea," will welcome farmers and educators from across the nation and showcase Maine's rich agricultural heritage. The design team will introduce key concepts, lead lesson demonstrations, and offer advice for building partnerships between organizations and educational institutions. The goal is to highlight the power of using Maine's natural resources as a way to introduce key science concepts. The team also hopes to reach far beyond the state's geographic bounds. "With this curriculum, we're empowering teachers from across the nation with the ability to teach about marine science and aquaculture. They don't have to be near the ocean or want to grow their own seaweed to benefit from these lessons," says Bragg. "That's the beauty of the toolkits. They provide teachers with everything they need to demonstrate the concepts without having to go anywhere with students." Instead, the design team will do the traveling. Following the National Agriculture in the Classroom Conference, the team will host an interactive workshop at the National 4-H Leadership Meeting in Columbus, Ohio. The team will share insights on how to develop curriculum and create lasting partnerships with local, state and federal agencies. "This partnership allows us to engage youth with relevant, leading-edge research, such as in marine science and aquaculture. Now we have the opportunity to share these educational resources with a larger audience and expose even more youth to the incredible science happening right here in Maine," says Scocchi. This work, part of SEANET's ongoing aquaculture research, is funded by the National Science Foundation and Maine EPSCoR at the University of Maine. For more information about the toolkits, visit the UMaine Extension website. Contact: Laurie Bragg, 207.581.2295

UMaine AD search consultant named

14 Jun 2018

The University of Maine's national search for the next permanent athletics director will be aided by consultant Gene DeFilippo, managing director of Turnkey Search who has four decades of experience in intercollegiate sports. DeFilippo is on campus this week to meet with search committee chair Dr. Robert Dana, UMaine vice president for student life and dean of students; the 14-member search committee; and vice president for human resources Chris Lindstrom, an ex-officio member of the committee. He also is meeting with key stakeholders, including President Susan J. Hunter and her Cabinet, Athletics Department staff, student-athletes, alumni and community members. DeFilippo's intercollegiate experience includes 15 years as Boston College AD and four years as Villanova AD. At Turnkey, DeFilippo has consulted on AD searches for institutions that include Georgia Tech, University of Michigan, Bowling Green State University, University of Alabama, University of Nebraska, and University of North Carolina at Charlotte. The search committee will make a recommendation to incoming UMaine President Joan Ferrini-Mundy, with anticipation of having the new athletics director in place on or before Sept. 1.

Youth invited to sign up for Piscataquis 4-H Passport Project for food, fun

14 Jun 2018

Youth ages 5–18 are invited to enroll by July 2 in the Piscataquis Passport Project, intended to help them and their families access healthy food and fun activities this summer in the Dover-Foxcroft area. The project is a collaboration between University of Maine Cooperative Extension 4-H and community partners in Piscataquis County. Enrollment forms are available Monday, Thursday and Friday, from 8 a.m. to 4:30 p.m., at UMaine Extension, 165 East Main Street, Dover-Foxcroft; and June 18, 19 and 22, from 11 a.m. until noon at SeDoMoCha School, 63 Harrison Ave., Dover-Foxcroft. Participating youth can get their passports stamped at SeDoMoCha school garden, Thompson Free Library, Dover Cove Farmers' Market (DCFM) and free summer meal sites at SeDoMoCha Middle School and Mayo Regional Hospital. Each time participants get their passports stamped at DCFM, they'll receive \$5 in Veggie Vouchers, up to \$30, until Aug. 14, to purchase fresh fruits and vegetables at DCFM until the end of October. Veggie Vouchers are supported by Piscataquis Regional Food Center and Piscataquis Extension Association Executive Committee. As 4-H

members, enrolled youth will be admitted free to the Piscataquis Valley Fair as well as state fairs on their respective 4-H Days. Completed passports should be returned by Aug. 17 to the UMaine Extension Piscataquis office. For more information or to request a reasonable accommodation, contact Trisha Smith, 207.564.3301 or trisha.smith1@maine.edu. More information also is [online](#).

UMaine Extension 4-H members compete in dairy judging event, Daily Bulldog reports

14 Jun 2018

The [Daily Bulldog](#) reported that members of the Maine 4-H program in Franklin County competed in a dairy judging event April 15. Maine 4-H is the youth development program of the University of Maine Cooperative Extension, the report states. The members judged different breeds of dairy cows at the event, held at Silver Valley Farm in New Sharon and Hardy Farm in Farmington, and were scored on their judging skills. Members ages 12 and up competed to represent Maine on the judging team for the Eastern States Exposition, the Daily Bulldog reported.

Lobster Institute statistics cited in TIME magazine story on cotton candy-colored lobster

14 Jun 2018

[TIME](#) magazine cited statistics from the Lobster Institute at the University of Maine in an article on a cotton candy-colored lobster caught off the coast of Grand Manan Island in New Brunswick last November. The likelihood of catching a two-toned lobster is 50 in 1 million, and the odds of catching an albino lobster are one in 100 million, according to the Lobster Institute. The lobster's unusual coloration is likely due to genetic mutation, and its scarcity is likely related to difficulties in camouflaging. The lobster has been moved to the Huntsman Marine Science Centre in St. Andrews, New Brunswick, the article states. [Fox News](#) and [The Daily Astorian](#) also reported on the discovery, citing Lobster Institute statistics.

Morning Ag Clips previews Extension food preservation workshops

14 Jun 2018

[Morning Ag Clips](#) previewed a series of hands-on food preservation workshops offered by the University of Maine Cooperative Extension in Aroostook County in July. The workshops will involve basic techniques for canning, freezing and drying produce. Fresh produce and jars will be provided, and are covered by the \$25 registration fee. The workshop dates and locations are July 7 at Fort Kent Community High School, July 14 at Houlton Regional Hospital, and July 21 at the UMaine Extension in Presque Isle. Workshops run from 1–5 p.m. Pre-registration is required [online](#).

AP quotes Brewer in report on ranked-choice voting in primary election outcome

14 Jun 2018

The Associated Press reported on the outcome of the June 12 primary election in Maine and the role of ranked-choice voting, quoting Mark Brewer, a professor of political science at the University of Maine. Tuesday's election resulted in more confusion and controversial arguments than usual, but not "widespread chaos" as feared by some opponents of ranked-choice voting, according to the article. But there could be other implications. "I don't think it's going out on a limb to say that there will be at least one lawsuit. I'll take that bet," said Brewer. [The Washington Post](#), [U.S. News & World Report](#), [Boston.com](#), the Jacksonville Journal-Courier and GreenwichTime carried the AP article.

Footage of Kennedy's 1963 visit to UMaine surfaces, Q106.5 reports

14 Jun 2018

[Q106.5](#) posted documentary footage of President John F. Kennedy's visit to the University of Maine on Oct. 19, 1963. President Kennedy addressed a crowd of about 16,000 people at Alumni Field, and was presented with an honorary doctorate of law degree. The event marked the first time a U.S. president had visited UMaine.

Sapiens reports on archaeological research in Peru by Sandweiss, alumnus

14 Jun 2018

[Sapiens](#) reported on archaeological research in Peru by Daniel Sandweiss, a professor of anthropology and quaternary and climate studies at the University of Maine, and Kurt Rademaker, a UMaine alumnus and archaeologist with Northern Illinois University. Sapiens is a journal published by Wenner Gren, a large foundation supporting anthropology. Sandweiss and Rademaker, along with other researchers, are excavating the Quebrada Jaguay site in the Andes, in search of evidence to inform insights into the life of early humans in South America and their migration to other parts of the world. Sandweiss had studied the site in the 1990s and found promising evidence. But returning in 2017, Rademaker found the site partially destroyed and almost unrecognizable. This is common for archaeological sites, which can change drastically as a result of economic development and environmental factors. Sites from this time are scarce, so “it’s worth going back even for that tiny amount of [material],” said Rademaker. “Until we find more, going back to [previously excavated] sites is the only option we’ve got.” The researchers are hoping to draw conclusions from a combination of archaeology, geology, paleoenvironmental studies, and other areas. The team’s efforts could contribute to evidence suggesting that the earliest humans inhabited South America 12,000 years ago or earlier, longer ago than previously thought, and could have migrated from Asia to the Americas even earlier, according to Sapiens. “People either moved along the coast and then went inland, moved along the highlands and then to the coast, or both ... [But] we don’t have a lot of dots to connect,” said Sandweiss. “Archaeological sites are sedimentary archives, and they’re a finite resource. If we lose them, we don’t just lose what we can do with them now — we lose what we could ever do with them in the future,” said Rademaker. [Pacific Standard](#) magazine also published the article.

Del Amo interviewed for WABI report on swimming safety

14 Jun 2018

[WABI](#) (Channel 5) interviewed Adrianna Del Amo, the fitness and aquatics coordinator of the University of Maine Campus Recreation program, for a report on swimming safety. With the arrival of summer, more people are turning to lakes and pools to cool off. But the Center for Disease Control reports that about 10 people die from accidental drowning every day, according to WABI. “Don’t ever take your eyes off of your kid. The more eyes on the kid, the better,” Del Amo said. Del Amo also recommends using a snugly fitting life jacket, and calling for help when someone needs rescuing before throwing them something they can hold onto while you pull them out. And prevention is the best strategy. “It’s really important that kids start at an early age in the swim lessons, so when they want to be independent and go in the water themselves, they’ve got that foundation,” said Del Amo.

WVH, WABI cover hazing prevention summit at UMaine

14 Jun 2018

[WVH](#) (Channel 7) and [WABI](#) (Channel 5) covered the hazing prevention summit at the University of Maine June 13 and 14. Representatives from six schools across the country and UMaine met to assess the efforts of each institution to prevent hazing, and to see which strategies are more effective. The other universities involved are Dartmouth College, the Massachusetts Institute of Technology, Tufts University, the University of North Carolina at Chapel Hill, the University of Oregon and the University of Texas at Austin. The group concluded that more than half of students who belong to a club, organization or team have been hazed, and that research on hazing is limited, WABI reports. A recent UMaine study shows that hazing is not restricted to Greek life organizations. “We have national data. It’s happening in athletics. It’s happening in honor societies and performing arts organizations ... So it just depends on the campus, but it’s more widespread,” Elizabeth Allan, a professor of higher education at UMaine, told WVH. “There isn’t a simple one-size-fits-all solution,” Allan told WABI. “We’re really working to understand, to tease out some of these complexities and to analyze the problem in such a way that we can develop more effective solutions.”

UMaine wins \$14.2M DOT award to form Transportation Infrastructure Durability Center

14 Jun 2018

The U.S. Department of Transportation (U.S. DOT) has selected the University of Maine to lead the creation of a highly competitive University Transportation Center (UTC) called the Transportation Infrastructure Durability Center (TIDC). TIDC aims to save taxpayer dollars by extending the life of transportation assets, including bridges, roads and rail. The DOT will provide as much as \$14.2 million over five years for the UMaine-led coalition that includes the University of Rhode Island, University of Connecticut, University of Massachusetts Lowell, University of Vermont, and Western New England University. Additional partners include representatives from the Maine Department of Transportation (MaineDOT), Vermont Agency of Transportation, Massachusetts Department of Transportation, Connecticut Department of Transportation, Rhode Island Department of Transportation, and the American Society of Civil Engineers Transportation and Development Institute. “Building on an impressive legacy of accomplishment, UMaine is well-positioned to lead this research to address the major challenges facing the future of our nation’s transportation systems,” said Sen. Susan Collins. “As a regional and national leader in transportation-related research, UMaine is prepared and ready to take on this work,” said Sen. Angus King. “The creation of this new center will allow the university to expand its efforts to tackle the infrastructure problems facing communities not just in Maine, but across the country. This project has the potential to save taxpayer money and improve quality of life for residents of our state, and I look forward to seeing its impact on Maine people for years to come.” “This is the first time that Maine was selected as the regional hub for U.S. DOT university transportation infrastructure-related research. Along with our partners from all New England states, we look forward to leading research to extend the life of existing bridges, construct longer-lasting assets, and reduce costs for the DOT and the public,” said Habib Dagher, founding executive director of the UMaine Advanced Structures and Composites Center, and director of the newly formed TIDC Center. “We are eager to partner with this program to support research that will offer new technologies and techniques that ensure taxpayer investments continue to be maximized while also extending the lifespan of our investments,” said MaineDOT Commissioner David Bernhardt. New England’s transportation infrastructure faces unique challenges due to harsh winter weather and short construction seasons. According to the American Society of Civil Engineers, nearly 30 percent of New England roads are rated in poor condition which, on average, costs each motorist \$584 annually in extra vehicle repairs and operating costs. Nationally, driving on roads in need of repair costs U.S. motorists \$120.5 billion. Working with state DOTs, the new TIDC seeks to identify new materials and technologies that maximize the impact of transportation infrastructure investments. The center will work along four pathways: 1. develop improved road and bridge monitoring and assessment tools; 2. develop better ways to strengthen existing bridges to extend their life; 3. use new materials and systems to build longer-lasting bridges and accelerate construction; and 4. use new connectivity tools to enhance asset and performance management while promoting workforce development. TIDC will harness the experience of 28 faculty researchers and train 280 student researchers from all New England states. It will focus on real infrastructure needs identified by DOT partners, and prioritize extending the life of existing transportation assets to ensure cost-effectiveness. Since 1987, the UTC program has advanced transportation research and technology at colleges and universities across the country. Every five years, academic institutions nationwide compete to form their region’s UTC. Member universities of the new TIDC have an extensive record of accomplishments in transportation infrastructure research, education and technology transfer. In addition, the 100,000-square-foot UMaine Advanced Structures and Composites Center is a world-renowned civil infrastructure research laboratory with a long track record of innovation, including being named a White House Transportation Champion of Change in 2015, and receiving the American Society of Civil Engineers’ Charles Pankow Award for Innovation. Contact: Josh Plourde, 207.907.0069

Open house for the new UMaine Extension Diagnostic and Research Lab June 22

15 Jun 2018

An open house for the new University of Maine Cooperative Extension Diagnostic and Research Laboratory will be held from 10 a.m. to 2 p.m. June 22. The facility at 17 Godfrey Drive in Orono is the new home of UMaine Extension’s Veterinary Diagnostics Lab, including the Aquatic Animal Health Lab, and the Pest Management Unit — the Tick Lab, Insect and Arthropod Identification Lab, Plant Disease Diagnostic Lab, and Integrated Pest Management and Pesticide Safety Education Programs. The open house will feature tours of the facilities and opportunities to speak with UMaine Extension scientists. It is not recommended for children under 12. The event will be one of the only opportunities for the public to see many aspects of this new facility, including the state-of-the-art diagnostic equipment. The biosecure laboratories also will be on display. Once fully occupied and operational at the end of this summer, the UMaine Extension Diagnostic and Research Laboratory research areas will be accessible only to authorized personnel. The

UMaine Extension Diagnostic and Research Laboratory was made possible by an \$8 million bond approved by Maine voters in 2014. Its focus is support of the state's natural resource-based industries, and monitoring human health risks. In this facility, UMaine Extension scientists will conduct research on ticks, mosquitoes and other insect pests, as well as plant diseases, including those critical to the potato and wild blueberry industries. Today, UMaine Extension provides the only tick identification service in the state. With this new lab, it will offer the only public resource for tick pathogen testing in Maine. The Veterinary Diagnostics Lab also will have expanded capabilities, including the space and equipment to do necropsies on full-size large animals such as cows and moose. The \$2.1 million Aquatic Animal Health Lab, funded through a separate marine bond, will support the finfish and shellfish industry, including aquaculture. The work in the Diagnostic and Research Laboratory builds on UMaine Extension's role as a trusted source of expert advice, enriching programs and reliable, research-based information for the state. Research by UMaine Extension scientists often involves undergraduate and graduate students, advancing the university's teaching mission. "With all these capabilities under one roof, this facility is truly unlike any other in the world," says UMaine Extension director John Rebar. "UMaine scientific experts will have the new facilities and equipment to expand their educational outreach and research dedicated to protecting Maine people and our economy. "Much of the work in this state-of-the-art facility protects the agricultural economy by providing cost-effective, rapid diagnostic services and testing to detect the presence of disease threats, and education on risk management," Rebar says. "Our research also helps protect human health and food safety through the testing for the presence of disease pathogens, and provides education on how to reduce the risk of disease transmission." More information about the new facility is [online](#). Contact: Margaret Nagle, 207.581.3745

Preserve beans, strawberry jam, tomatoes with UMaine Extension

15 Jun 2018

Preserving the garden's harvest is the focus of three hands-on workshops this summer with University of Maine Cooperative Extension in Somerset County. All workshops will be held 5:30-8:30 p.m. at the UMaine Extension office, 7 County Drive, Skowhegan. Workshop dates and items to be preserved are:

- June 27 — Strawberry jam; [register online](#)
- July 24 — Green beans; register online
- Aug. 28 — Salsa and stewed tomatoes; register online

Each workshop will demonstrate basic steps for safely canning and freezing fresh produce using the latest USDA recommendations. The \$10 fee per workshop includes produce and a sample jar to take home; participants should bring a potholder. Enrollment is limited to 12, with a minimum of eight required. Limited financial assistance is available. For more information or to request a reasonable accommodation, contact Kathy Hopkins, 207.474.9622; khopkins@maine.edu. More information is [online](#).

Ferrini-Mundy UMaine's new president, Inside Higher Ed reports

15 Jun 2018

[Inside Higher Ed](#) published a list of new presidents and provosts at colleges and universities in the United States, including the University of Maine. Joan Ferrini-Mundy, the chief operating officer of the National Science Foundation, was chosen to be the president of UMaine and UMaine at Machias, the report states.

Stancioff to speak at garden tour advanced by VillageSoup, Pen Bay Pilot

15 Jun 2018

[VillageSoup](#) and the [Pen Bay Pilot](#) previewed the 27th Annual Georges River Land Trust Gardens in the Watershed tour, where one of the speakers will be Esperanza Stancioff, an extension professor and climate change educator with the University of Maine Cooperative Extension. Stancioff will give a talk titled "Climate Change Effects on Zones and Planting in Maine" at 2 p.m. This year's event will include six gardens in Rockland, Owls Head and Thomaston and will run from 10 a.m.–4:30 p.m. July 15, the article states. Tickets can be purchased for \$25 at local outlets or [online](#).

MedicalXpress publishes UMaine release on regenerative tissue database

15 Jun 2018

[MedicalXpress](#) carried a University of Maine news release about a new database for regenerative tissue capabilities in animals, created by researchers at UMaine and the MDI Biological Laboratory in Bar Harbor. The Comparative Models of Regeneration Database, or RegenDbase, can be used by researchers to compare gene expression patterns between animals with different regeneration capacities. The database was created by a research team led by Benjamin King, an assistant professor of bioinformatics at UMaine, and Viravuth Yin from the MDI lab, the release states.

BDN reports on search consultant for UMaine's next AD

15 Jun 2018

The [Bangor Daily News](#) reported that Gene DiFilippo, the managing director of Turnkey Search, will be the consultant for the University of Maine's national search for its next permanent athletics director to replace former AD Karlton Creech. DiFilippo will meet with UMaine officials and staff, including the search committee chair, Vice President for Student Life and Dean of Students, Robert Dana, and the search committee comprising 14 members. DiFilippo has four decades of experience with college sports, having served as the AD for Boston College and Villanova University, and consulted on AD searches for numerous other institutions. The committee will make a recommendation this summer to incoming UMaine President Joan Ferrini-Mundy, the BDN reported. [WorldProNews](#) and [CollegeAD](#) carried the BDN report.

Allan interviewed for Dayton Daily News article on normalization of hazing

15 Jun 2018

The [Dayton Daily News](#) interviewed Elizabeth Allan, a professor of higher education at the University of Maine, for an article on the normalization of hazing. "You hear people rationalize it or dismiss it or minimize it, saying, 'Oh, no, no, that wasn't hazing, that was just an initiation, or that was just a tradition, or that was just for bonding,'" said Allan. Hazing and the laws surrounding it have drawn more attention in light of recent events including the death of a fraternity pledge at Pennsylvania State University and lawsuits against the University of Dayton and the University of Toledo, the article states. Allan, who has been the lead investigator in studies on hazing and has testified in Congress on the issue, told the Dayton Daily News that hazing is widespread and that harmful incidents often go beyond coverage of the law. Ohio's state law classifies hazing as an "initiation" activity, according to the Dayton Daily News. "The definition of hazing is not just to gain membership into a group, but it's also to maintain one's membership. The state laws are very uneven across the board," said Allan. "When you have a law or policy, it's important, but it's not enough. There's just a lot of work to be done to really sharpen the awareness of the general public, of the parents whose kids are going to school, of educators."

Speech pathology graduate students help Special Olympians hear more clearly

15 Jun 2018

Nearly 200 of Maine's Special Olympics athletes received free hearing screenings on June 9 thanks to 18 University of Maine speech pathology graduate students. Compared to the general population, people with intellectual or developmental disabilities are more likely to experience hearing loss or ear problems, and most are cases undetected or under-treated prior to these screenings, according to Amy Booth, a clinical faculty member and audiologist at UMaine. "Hearing loss can have a negative impact on the quality of one's communication ability. This screening detects potential hearing loss and we can then make an appropriate referral to a practitioner near the athlete to receive follow-up care," said Booth. The screenings advance audiologists' understanding and awareness of hearing concerns among patients with special needs. The data collected at this event will be added to the world's largest confidential health database focused on individuals with intellectual disabilities. The experience also gave the student volunteers an opportunity to develop

their clinical and triage skills. “I loved having the opportunity to meet all of the wonderful athletes who came to the Healthy Hearing event and it was so motivating knowing that we were helping to make a difference and provide them with information concerning their health,” said Ashley Green, a graduate student in the Department of Communication Sciences and Disorders. From 2014–24, the Bureau of Labor Statistics anticipates the speech pathology and audiology field will grow 21 percent — three times the national average for job growth overall. In states with rapidly aging populations like Maine, the demand may become even more critical. UMaine is home to the state’s only undergraduate major in speech-language pathology and audiology and Maine’s only accredited master’s program that leads to national certification in speech-language pathology. The students were supervised by Booth and audiologists Mary Ellen Toothaker of Audiology Center of Maine in Ellsworth, and Michael Barnes of Waldo County General Hospital. The screenings were offered as a part of the Special Olympics Healthy Athletes program.

Community invited to engage, explore, experience ocean research at DMC

18 Jun 2018

The Darling Marine Center invites community members to learn how the center helps connect people with the ocean by taking a public tour and attending summer science seminars. Free public tours of the DMC’s waterfront facilities and research labs begin Wednesday, June 27 and occur weekly from July 11 to Aug. 15. There is no tour July 4. Led by student interns, the 90-minute walking tours begin at 10:30 a.m. Attendees have an opportunity to learn about current marine research, collaborative work with businesses and fisheries, and student projects. Pre-registration is [requested](#). The DMC’s Friday Seminars feature researchers and environmental professionals from Maine to New Zealand, and cover topics from natural history to marine conservation and citizen science. A list of speakers and topics is on the DMC [website](#). The free seminars will be held Fridays at 10:30 a.m. from June 29 to Aug. 17 in Brooke Hall on the lower waterfront campus. There is no seminar July 6. Pre-registration is [requested](#). The community also is invited to the annual SEA Fellows Symposium at 2 p.m. Aug. 7. SEA (Science for Economic Impact and Application) Fellows are undergraduate students collaborating with faculty and stakeholders on research projects relating to Maine’s marine economy, coastal communities and ecosystems. The symposium is an opportunity for students to present their research and talk with the public about their work and summer experience. For more information, or to request a reasonable accommodation, call 207.563.3146.

Hargest gives summer gardening advice on Maine Public’s ‘Maine Calling’

18 Jun 2018

Pamela Hargest, a horticulture professional with the University of Maine Cooperative Extension, was a recent guest on [Maine Public](#)’s “Maine Calling” radio show. The show focused on summer gardening, and Hargest offered tips on planting and early season pruning.

Kirby quoted in Press Herald article on chemical-free pest management

18 Jun 2018

The [Portland Press Herald](#) quoted Clay Kirby, an associate scientist and insect diagnostician with the University of Maine Cooperative Extension, in an article on ways to manage pests without chemical-based pesticides. The use of synthetic pesticides on private property is now banned in South Portland, creating an opportunity for the public to learn more about alternatives. Even in areas where the law does not prohibit the chemicals, avoiding them can reduce risks for people and wildlife, according to the Press Herald. The solution is not swapping a chemical product for an organic one, but an effort to cultivate healthy soil that discourages pests through natural methods. Starting with a soil test can help people identify what nutrients are missing and whether or not the soil is acidic, which can inform actions to make the soil healthier and suitable for desirable plants rather than weeds and pests, the article states. UMaine’s Cooperative Extension offers soil test kits to anyone in the state of Maine, which can be picked up at an Extension office or ordered through their website. Samples can then be sent to the extension’s lab for testing. Kirby offered specific tips on removing insects from plants individually, including holding a coffee can under the insect and moving your hand toward it so it will fall off. “Hand-picking bugs can be great therapy after a long day at the office,” said Kirby, who also

recommended using row covers to protect flowers and vegetables from insects, and keeping the garden clean and tidy to discourage pests from nesting in debris.

UMaine to create transportation infrastructure center using federal award, AP reports

18 Jun 2018

The Associated Press reported the University of Maine received a \$14 million award from the U.S. Department of Transportation, which will be used in the creation of the new Transportation Infrastructure Durability Center. The center will improve the longevity of infrastructure like bridges, roads and railways to save public funds. The award was given to a UMaine-led coalition of schools including the University of Rhode Island, the University of Connecticut, the University of Massachusetts at Lowell, the University of Vermont and Western New England University. The [Bangor Daily News](#), [News Center Maine](#), [Boston.com](#), [U.S. News & World Report](#) and [WABI](#) (Channel 5) carried the AP report, and [WVII](#) (Channel 7) and [Civil + Structural Engineer](#) magazine also reported on the award.

BDN speaks with Fitzgerald on starting a last-minute summer garden

18 Jun 2018

The [Bangor Daily News](#) interviewed Caragh Fitzgerald, an associate extension professor and gardening expert with the University of Maine Cooperative Extension, for an article on planting a last-minute summer garden. Beginning a garden toward the end of spring is possible, but requires specific strategies for success, the article states. Fitzgerald recommends consulting the Maine Organic Farmers and Gardeners Association's planting calendar, which lists faster-growing and heat-loving plants that will have optimal results when started in mid-June, including green beans, radishes, beets, cilantro and dill, among others. She also gave specific tips for growing carrots, lettuce and tomatoes and adapting to challenges that arise when they are planted later than is ideal. "With any seedlings, when you're moving from indoors to outdoors, you need to give them some time to harden off," said Fitzgerald. "Get them gradually used to being outside, with stronger sunlight and drying winds. Get them accustomed to being outdoors before you put them in the ground."

Kirkmann interviewed for Maine Public report on women in construction

18 Jun 2018

[Maine Public](#) interviewed Meredith Kirkmann, an assistant professor of construction engineering technology at the University of Maine, for a report on women in the construction industry. The construction workforce, like Maine's workforce overall, faces a labor shortage. The industry is primarily white and male, and is aging as well. But half the potential workforce is female, making that a potential resource for addressing the shortage. Construction companies can recruit more women for construction jobs, and make the work environment more welcoming for them by shedding stereotypes and outdated attitudes, the report states. UMaine and other schools partner with construction companies to provide recent graduates with jobs and benefit those companies at the same time. "We need people, and we need women, and we need people of different backgrounds. I think it's well known that a more diverse workforce leads to better projects and better outcomes," said Kirkmann.

Fifty-five college students interning with state, municipal governments

19 Jun 2018

The Maine Government Summer Internship Program opened its 2018 session May 29 with 55 students interning with the state and with municipal governments. The Margaret Chase Smith Policy Center at the University of Maine administers the program, which offers a full-time, 12-week, paid work experience to undergraduate and graduate students in all fields of study who reside in Maine or attend a school in the state. The program offers unique opportunities for talented college students to work within government, providing valuable assistance to state agencies and municipal governments while gaining professional and practical skills in their respective fields of study. The 103rd Maine Legislature established the program in 1967 to attract and select college students with ambition and talent for temporary internships. A total of 1,750 students have participated since then. This year, 214 students applied. The 2018

interns are: Mike Adams of Portland, Maine, who attends the University of Maine School of Law, is a consumer credit protection legal intern with the Department of Professional & Financial Regulation — Bureau of Consumer Credit Protection. Rebecca Archer of Gray, Maine, who attends the University of Maine, is a Community Development Office intern with the Town of Gray. Adam Barre of Waterville, Maine, who attends Loyola University Maryland, is a research and data analyst with the Department of Education — School Finance and Funding. Adelaide Beeman-White of Bath, Maine, who attends the University of Puget Sound, is an emissions inventory and outreach specialist with the Department of Environmental Protection — Air Quality. Wyatt Bisbee of Winterport, Maine, who attends the University of Maine, is a solid waste data management assistant with the Department of Environmental Protection — Bureau of Remediation and Waste Management/Sustainable Materials Management Division. Matt Bourque of South China, Maine, who attends St. Olaf College, is a standards and instructional support intern with the Department of Education — Office of Learning Systems, Standards and Instructional Support Team. Adam Bovie of Vassalboro, Maine, who attends the University of New Hampshire, is an intern with the Department of Education Commissioner's Office. Racquel Bozzelli of Dover-Foxcroft, Maine, who attends the University of Maine, is an assistant to the finance director with the Town of Dover-Foxcroft. Patrick Breslin of Kittery, Maine, who attends the University of Maine School of Law, is an advocate assistant with the Workers' Compensation Board. Emily Buell, of Otisfield, Maine, who attends Central Maine Community College, is a laboratory assistant with the Department of Agriculture, Conservation and Forestry — Quality Assurance and Regulations. Trevor Burns of Alfred, Maine, who attends the University of Maine at Farmington, is an education data analyst with the Department of Education — School Finance and Operations. James Costigan of Charlestown, Rhode Island, who attends the University of Maine, is a bridge inspection program assistant with the Department of Transportation — Bridge Maintenance Division. Emma Cota of Falmouth, Maine, who attends Mount Holyoke College, is a planning and rezoning intern with the City of Saco. Henry Dodge of Cambridge, Massachusetts, who attends Colby College, is a hydropower assistant with the Department of Environmental Protection — Bureau of Land Resources. Erin Dovinsky of Monmouth, Maine, who attends Husson University, is an assistant to the city manager with the Town of Hallowell. Anh Duong of Westbrook, Maine, who attends the University of Southern Maine, is a traffic engineering intern with the Department of Transportation — Bureau of Maintenance & Operations. Lydia Elwell of Hartland, Maine, who attends the University of Maine, is a cemetery & property intern with the Town of Kennebunkport. Victoria Forkus of Bryant Pond, Maine, who attends the University College Dublin, is an island project communications assistant with the Town of Rumford. Casey Fournier of South Portland, Maine, who attends the University of Maine, is an intern with the Office of Professional and Occupational Regulation, Attorney Office. John Freeman of Presque Isle, Maine, who attends Colby College, is a state capability assessment intern with the Department of Defense, Veterans and Emergency Management — Maine Emergency Management. Joshua Furgeson of Topsham, Maine, who attends the University of New Hampshire, is an energy manager assistant with the Department of Defense, Veterans and Emergency Management — Maine Army National Guard. Cameron Goodwin of Windham, Maine, who attends the University of Southern Maine, is a legal assistant with the Office of the Public Advocate. Josie Griffin of Slidell, Louisiana, who attends the University of Maine at Machias, is an agricultural technical services assistant with the Department of Agriculture, Conservation, Forestry — Agricultural Resources Development. Patrick Groening of Belfast, Maine, who attends the University of Maine, is a municipal intern with the Town of Union. Rodger Heidgerken of Bad Soden am Taunus, Germany, who attends Bowdoin College, is an administrative intern with the Town of Bowdoinham. Chase Hewitt of South Portland, Maine, who attends the University of Southern Maine, is an executive office intern with the City of South Portland. Ericka Hutchinson of Portland, Maine, who attends the University of Southern Maine, is a lake and stream assessment assistant with the Department of Environmental Protection — Water Quality/Environmental Assessment/Watershed Management. Safiya Khalid of Lewiston, Maine, who attends the University of Southern Maine, is a summer intern with the Department of Labor — Bureau of Rehabilitation Services. David Kimmel of Westbrook, Maine, who attends the University of Maine at Farmington, is a network operations specialist with the City of Portland. Elizabeth Kolle of Freeport, Maine, who attends Bowdoin College, is a research surveyor with MaineHousing — Asset Management. Briana Littlefield of Freedom, Maine, who attends the University of Maine, is a transportation planning intern with the Department of Transportation — Planning, Scoping Division. Alexander Lyon of Yarmouth, Maine, who attends Beloit College, is a land assistant with the Department of Environmental Protection — Land Division. Alexander Mihalov of Milford, Connecticut, who attends the University of Maine School of Law, is a hydrogeology assistant with the Department of Environmental Protection — Remediation/Technical Services. Lindsey Moran of Clementon, New Jersey, who attends the University of Maine, is a communications intern with the Department of Labor — Office of the Commissioner. Sarah Mount of Scarborough, Maine, who attends Wesleyan University, is a resource analyst with the Department of Transportation — Bureau of Planning. Jennifer Munson of Livermore, Maine, who attends the University of Maine, is a library intern with the Maine

State Library — Collections Development. Cooper Nelson of Dover-Foxcroft, Maine, who attends the University of Maine, is an architectural engineering assistant with the Department of Administrative and Financial Services — Bureau of Real Estate Management. Ethan Oliver of Mansfield Center, Connecticut, who attends Unity College, is a stream barrier survey technician with the Department of Agriculture, Conservation and Forestry — Maine Forest Service. Macy Palmer of Hodgdon, Maine, who attends Husson University, is a Maine education finance intern with the Department of Education — School Finance. Anthony Pinnette of Waterville, Maine, who attends the University of Maine, is a solid waste engineering unit assistant with the Department of Environmental Protection — Remediation and Waste Management/Technical Services. Lauren Porter of Naples, Maine, who attends the University of Southern Maine, is a standards and instructional support intern with the Department of Education — Office of Learning Systems, Standards and Instructional Support Team. Wyatt Ray of Poland, Maine, who attends the University of Maine at Machias, is a vehicle emissions program assistant with the Department of Environmental Protection — Bureau of Air Quality. Alexis Richards of Old Orchard Beach, Maine, who attends Clark University, is a planning and rezoning intern with the City of Saco. Tyler Rollins of China, Maine, who attends the University of Maine, is a school finance media content creator with the Department of Education — School Finance. Renée Roundy of Lewiston, Maine, who attends Colgate University, is an intern with the Department of Education — Office of Learning Systems, Standards and Instructional Supports Team, Learning Through Technology Group. Morgan Rush of Farmingdale, Maine, who attends the University of Maine at Farmington, is an intern with the Department of Education — Office of Learning Systems, Standards and Instructional Supports Team, Learning Through Technology Group. Dillan Schmidt of Marstons Mills, Massachusetts, who attends Unity College, is a stream barrier survey technician with the Department of Agriculture, Conservation and Forestry — Maine Forest Service. Baily Thomas of Dixfield, Maine, who attends Elmira College, is a GIS planning field assistant with the Town of Bethel. Emily Turner of Charleston, Maine, who attends the University of Maine, is a communications intern with MaineHousing — Communications and Planning. Alanna Wacome of Skowhegan, Maine, who attends the University of Maine, is a remediation project manager assistant with the Department of Environmental Protection — Bureau of Remediation and Waste Management/Division of Remediation. Maeve Weggler of Searsmont, Maine, who attends the University of Maine School of Law, is an advocate assistant with the Workers' Compensation Board, Portland. Joshua Winters of Gardiner, Maine, who attends the University of Maine at Farmington, is an actuarial analyst with the Department of Professional & Financial Regulation — Bureau of Insurance. Richard Wyman of Searsmont, Maine, who attends the University of Maine, is a GIS field assistant with the Town of Rockport Public Works Department. Asher Yusim of Scarborough, Maine, who attends the University of Maine, is a properties database development assistant with the Town of Bridgton. Nikki Caroline Yutuc of Saipan, Mariana Islands, who attends the University of Maine, is a grants management system assistant with the Department of Public Safety — Bureau of Highway Safety. For more information about the program, contact Peggy McKee, internship director, at margaret.mckee@maine.edu or visit the [website](#). Contact: Peggy McKee, 207.581.1644

Baycka Voronietzky passes away

19 Jun 2018

Baycka Voronietzky, a former associate professor of piano at the University of Maine, passed away June 1. After moving to Corea, Maine in 1978, she began teaching at UMaine and would continue to do so for the next 35 years, according to her [obituary](#).

Rebar recent guest on WGAN's 'Positively Maine' podcast

19 Jun 2018

John Rebar, the executive director of the University of Maine Cooperative Extension and the new Diagnostic and Research Laboratory, was a recent guest on [WGAN](#)'s "Positively Maine" podcast. Rebar discussed the new lab facility and some of the ways it will help the people of Maine — such as identifying the species of a tick and what diseases, if any, it carries — and the benefits of new technology and collaboration between the different labs within the facility to improve the services the lab can provide.

Press Herald quotes Stoll in article on lobster tariff

19 Jun 2018

The [Portland Press Herald](#) interviewed Joshua Stoll, a research professor in marine sciences at the University of Maine, for an article on the impact that China's proposed tariff on U.S. lobster could have on Maine. The 25 percent tariff would drive down prices of U.S. lobster, affecting everyone connected to the industry — which in Maine is a significant part of the population, the Press Herald reports. Stoll cautioned that the Chinese lobster market can be unpredictable, using the example of the Norwegian Nobel Committee giving the Peace Prize to Liu Xiaobo, a Chinese dissident, in 2010, which was followed by the collapse of Norway's share of the Chinese salmon market. Stoll said the same thing could happen in the United States, reducing prices on lobster and negatively impacting Maine residents. [The Keene Sentinel](#) published the Press Herald article.

President Hunter reflects on time at UMaine in BDN interview

19 Jun 2018

The [Bangor Daily News](#) interviewed outgoing University of Maine President Susan J. Hunter in an article on her time at the university and what's in store for her next. Hunter spent 30 years working at UMaine, beginning as a part-time instructor in zoology and moving to a tenure-track position four years later. She continued up the ranks to become department chair, then associate provost and undergraduate dean, then provost, and finally vice chancellor for academic affairs in 2013 before becoming president, according to the BDN. In 2014, Hunter became UMaine's first woman president and the 20th to hold the position overall. The role will be taken over by incoming President Joan Ferrini-Mundy, the former chief operating officer of the National Science Foundation. "The job just isn't done behind that desk," said Hunter, who could often be seen all over campus and beyond. "You have to get out and explore the state. Go up Mount Katahdin, drive Down East, go to Fort Kent, go to Rangeley, get to know the people. This is a relationship job." Hunter's time in office was marked by a number of accomplishments, including increasing out-of-state enrollment and consolidating the fundraising system. After retiring officially by July 1, Hunter will lead the reaccreditation team at the University of Massachusetts at Amherst, an unpaid professional volunteer position, and rekindle her love for activities like kayaking and golf. But she will miss the campus, and does not think it will be the last time she will set foot here. "This isn't easy," Hunter told the BDN. "It's just the right time."

Pen Bay Pilot publishes UMaine release on students interning with government

20 Jun 2018

The [Penobscot Bay Pilot](#) carried a University of Maine news release about 55 undergraduate and graduate students in the Maine Government Summer Internship Program. The students live in Maine or attend a school in the state, and will complete a full-time, 12-week paid internship with state or municipal governments. The program is operated by the Margaret Chase Smith Policy Center at UMaine, the release states.

Hildebrandt among poets to read work June 27, MD Islander reports

20 Jun 2018

The [Mount Desert Islander](#) reports five local poets will read from their work at an event in Bar Harbor, including a poet from the University of Maine. Leonore Hildebrandt, a lecturer of English, will read from her new collection of poetry, "Where You Happen To Be." The free event will take place at Northeast Harbor Library at 5:30 p.m. June 27, the article states.

Crandall quoted in BDN article on turnaround in forestry market

20 Jun 2018

The [Bangor Daily News](#) quoted Mindy Crandall, an assistant professor of forest landscape management and economics at the University of Maine, in an article on changes in the forestry market, including increasing prices and demand. Wood prices have doubled in the past six months, resulting from several factors like a buildup in the demand for new

housing after the recession, forest fires that resulted in mill closures, a trade dispute between the United States and Canada, and extreme weather events that caused damage requiring repairs, according to the BDN. Mills are making efforts to meet the increase in demand by increasing production, raising wages and adding jobs. “The price signals are very good. It looks like a [forestry market] rebound. And employment overtime in the sawmill industry is ticking up,” said Crandall.

Social media spotlight: Emily Lavertu

20 Jun 2018

Hometown: Frenchville, Maine Food science and human nutrition student Emily Lavertu is on a mission to help others with Type 1 diabetes like herself. She is the junior camp coordinator at Cary Medical Center’s Camp Adventure, a camp for Type 1 diabetics ages 13–17. Emily plans to graduate in 2020, and her goal is to become a registered dietitian and certified diabetes educator. “I learned early on how important it was to put your health first. The statement ‘food is medicine’ has always rung true to me. Understanding firsthand the mental and physical strain of diabetes makes me truly respect the knowledge and care that I can give to future patients. Cary Camp Adventure shows teens that your disease doesn’t have to control your life. It taught me leadership skills, independence and confidence. Without it I would never have realized that my true passion lies in helping others through physical activity and proper nutrition. I enjoy all forms of exercise — the gym, hiking, running, and yoga — reading, volunteering at Cary Medical Center and challenging myself to create healthier versions of comfort foods. UMaine has a community feeling. All the teachers have taught me much more than just course material. UMaine has given me a deeper understanding of the world of nutrition, and the drive to work harder to make a difference.” See posts featuring Lavertu on UMaine’s [Facebook](#) and [Instagram](#) pages.

Social media spotlight: Abigayl Novak

20 Jun 2018

Hometown: Hampden, Maine Third-year ecology and environmental sciences student Abigayl Novak, who has a dual concentration in ecosystem ecology and sustainability, environmental policy and natural resource management, is a summer lab technician intern in Alicyn Smart’s new Plant Disease Diagnostic Lab. “My passion is for plant physiology with a focus on plant hormones, but in my undergraduate studies I wanted a well-rounded foundation before getting specific. Anthropology 101 got me interested in the human dimensions of how we evolved on Earth, which is in line with my sustainability concentration. My ecosystems concentration gives me a more science-based focus, which is in line with what I plan to do after I graduate. I hope to attend graduate school for either my master’s, Ph.D. or both for a degree in plant ecophysiology with a focus on plant hormones that will lead me into a position where I will hopefully work in a lab, like the one I am working in currently. I love to draw, see my friends for lunch or dinner, watch Netflix, and sometimes I’ll go to the gym. If you are driven and motivated to achieve your goals, UMaine will guide you the right way.” See a post featuring Novak on UMaine’s [Facebook](#) page.

Retirement reception for Gallant, Ford June 27

21 Jun 2018

A retirement reception for Willi Gallant and Caren Ford from the University of Maine Athletics Department will be held at 1 p.m., June 27 in Alford Family Lounge. Between them, the two have dedicated more than 66 years to the University of Maine, including 31 years of service to the Athletics Department.

Wahle, Acheson quoted in New York Times story on climate change and lobster industry

21 Jun 2018

The [New York Times](#) quoted Richard Wahle, a professor at the School of Marine Sciences at the University of Maine, and James Acheson, a professor of anthropology at UMaine, in a story on climate change and its effects on the lobster industry. Climate change has caused the Gulf of Maine to warm since the 1980s to an ideal temperature for lobsters,

contributing to a boom in the industry. But as the ocean continues to warm, the habitat will cease to be ideal for the lobsters, which will move northward, and the industry will decline, the article states. Once water temperatures exceed 70 degrees Fahrenheit, “their system starts shutting down, one organ after another,” said Wahle of the lobsters. This results in “mass mortality,” according to Wahle, requiring action by those in the industry to adapt to the changes to come. “Conservation works,” said Acheson, noting that lobstermen are “strongly, strongly in favor” of laws that require practices like throwing back egg-bearing female lobsters and those that are too small. Acheson has [written](#) about lobstering and conservation, the Times reports. [The Daily Galaxy](#) and the Independent Recorder adapted the Times story.

Lobster Institute statistics cited in WMTW report on rare yellow lobster

21 Jun 2018

[WMTW](#) (Channel 8) cited statistics from the Lobster Institute at the University of Maine in a report on a rare yellow lobster. The lobster was caught by the F/V Short Fuse, of Bremen, off the Maine coast June 20, according to the Maine Coast Fishermen’s Association, WMTW reports. The odds of catching a yellow lobster are about one in 30 million, and the odds of catching a blue lobster are one in 2 million, according to the Lobster Institute. [103.7 The Peak](#) also reported on the discovery, citing Lobster Institute statistics.

Maine Public interviews Bayer for article on steel tariff, lobster industry

21 Jun 2018

[Maine Public](#) interviewed Robert Bayer, the executive director of the Lobster Institute at the University of Maine, for an article on the impacts the recently imposed steel tariff will have on the lobster industry, specifically on the production of traps. Nearly 100 percent of lobster traps are made of steel mesh, so the raw material will be subject to the tariff. This will have a direct impact on manufacturers and consumers of the traps, according to Maine Public. The price of the steel wire has almost doubled since the first quarter of the year, and there is a 25 percent tariff on Canadian steel. But even when the price of making traps increases, lobstermen cannot raise the prices of their catch to compensate. “The price of lobster is based on supply and demand. And it’s not related to your costs as a fisherman,” said Bayer. “It’s going to hurt a lot of people.” [WGBH](#) (NPR Boston) and [Rhode Island Public Radio](#) carried the Maine Public report.

MOU signed with Academic Bridge Program in Qatar

21 Jun 2018

The University of Maine has signed a memorandum of understanding with the Academic Bridge Program (ABP) in Doha, Qatar, a postgrad initiative that prepares students for university study. The agreement will assist students in the transition from ABP to UMaine in all majors, with a special focus on construction engineering technology, surveying engineering, human dimensions of climate change, new media, international affairs, marine sciences and more. ABP, a branch of Qatar Foundation, is in its 18th year of operations and has graduated almost 3,000 students. “The agreement between the ABP and the University of Maine is an exciting one for us. An increasing number of ABP students are interested in studying in the U.S. and the agreement provides lots of great opportunities for strong ABP graduates. The majors covered by the agreement are closely aligned with Qatar’s 2030 National Vision to help transform the nation into a knowledge-based economy,” says Mark Newmark, ABP’s assistant director for academic affairs. “We are very pleased to partner with ABP,” says Orlina Boteva, director of UMaine’s Office of International Programs. “We look forward to developing a deep and long-lasting relationship with ABP, and look forward to welcoming ABP graduates to campus. International students contribute so much to our university, and we’re proud to be home to a diverse group of students who gain valuable experience in the classroom and across campus.”

Talk on growing tomatoes June 26 at Rogers Farm

22 Jun 2018

University of Maine Cooperative Extension vegetable specialist Mark Hutton will give a free public talk, “Growing

Great Tomatoes,” at 6 p.m., June 26 at UMaine’s Rogers Farm, 914 Bennoch Road, Old Town. The talk is offered by UMaine Extension Master Gardener Volunteers (MGV). Participants will learn tips and tricks to improve success in growing one of the most beloved vegetables in the home garden. Hutton will demonstrate tomato trellising, staking and pruning methods. He’ll also discuss important topics such as selecting the right varieties, managing insect pests and minimizing disease pressure. The UMaine Extension Penobscot County MGV Demonstration Garden — which features 30 theme gardens — is open to the public during daylight hours at Rogers Farm. Open house sessions continue weekly Tuesday evenings throughout the growing season. All programs are free and take place rain or shine. Registration is not required. For more information or a reasonable accommodation, contact Kate Garland, 207.942.7396; katherine.garland@maine.edu.

UMaine scientists: Understanding immune response to flu virus key to developing new treatments

22 Jun 2018

This past flu season in Maine was the worst in at least five years, according to the Centers for Disease Control, with 9,018 reported cases, 82 deaths and 1,750 hospitalizations. Each year in the United States, 21,000–49,000 people die due to seasonal flu and its complications, and 95,000–172,000 people are hospitalized, according to CDC estimates. Because it’s difficult to predict year-to-year effectiveness of influenza vaccines, University of Maine scientists believe novel treatments that are independent of vaccine effectiveness are vital. The Bill & Melinda Gates Foundation concurs. One of its “Grand Challenges” — initiatives that foster innovation to solve global health and development problems — is a call to develop a universal influenza vaccine to end the pandemic threat. This challenge was issued this year, the 100-year anniversary of the 1918 flu pandemic that killed an estimated 50 million people on Earth. To develop effective new treatments, a better understanding of the immune response to the flu virus infection is needed, say Carol Kim, professor of microbiology; Paul Millard, associate professor of chemical and biological engineering; and Con Sullivan, assistant research professor of molecular and biomedical sciences. Toward that end, the UMaine team will utilize a \$435,166 award from the National Institutes of Health (NIH) to examine the immune response to flu infection, as well as factors that control optimum antiviral activity. Influenza A virus infections originate in epithelial cells (sometimes called safety shields) that line the respiratory tract. Symptoms of the virus frequently include fever, chills, a cough, sore throat, muscle aches and a runny nose. At times, the contagious infection can become systemic, resulting in multi-organ failure and death. During an infection, a person’s innate antiviral immune response is activated, which initiates a feedforward loop leading to the recruitment of excess neutrophils, or white blood cells. The neutrophils, or first responders, play a key role in a person’s immune response to bacterial and fungal infections. The influx of white blood cells is crucial to eliminate the flu virus. But the influx also can trigger a dangerous hyperinflammatory response, sepsis, for example — that damages multiple organ systems and can result in death. The UMaine team will look for the so-called immunologic tipping point between infection elimination and a hyperinflammatory response that results in organ failure and death. The researchers also will explore mechanisms for reducing hyperinflammatory responses initiated by viral infections. Kim, Millard and Sullivan will use zebrafish from the UMaine Zebrafish Facility as flu virus models. The freshwater fish is nearly transparent in the larval stage, has a similar genetic structure to humans and, like people, is a vertebrate with the same major organs and tissues. Zebrafish and humans also respond to infections and vaccinations in similar ways and zebrafish neutrophils have many similarities to human neutrophils. UMaine scientists have used zebrafish for health-related research since 1999, when Kim established the Zebrafish Facility in Hitchner Hall with state and federal funds. The facility’s 1,100 tanks can hold as many as 36,800 zebrafish. In 2014, The Kim Lab was the first to develop the human influenza infection model in zebrafish, which is documented in the journal “Disease Models and Mechanisms.” “The emergence of strains of influenza virus with the potential for causing widespread disease of pandemic proportions is a real concern,” says Kim. “In the zebrafish, we have a powerful model system to help us understand the infection process and immune response to human diseases such as influenza.” The NIH also believes the development of a universal influenza vaccine is a high priority. Its National Institute of Allergy and Infectious Diseases is interested in learning from researchers using novel flu virus models — including zebrafish — “that more closely mimic human immune responses to influenza infection or vaccination.” Contact: Beth Staples, 207.581.3777

Jeremy Camp to perform at CCA July 1

22 Jun 2018

Singer, songwriter and storyteller Jeremy Camp will take the stage at the Collins Center for the Arts at the University of Maine at 6 p.m. Sunday, July 1. Last fall, Jeremy Camp released “The Answer,” his 15th album in 15 years. He has been named Male Vocalist of the Year twice, Songwriter of the Year four times, and received a Grammy nomination. He has toured the world to perform his songs full of faith and hope, and brings them to the CCA for an evening of music and stories. Musician Natasha Owens will also perform. This event is presented in conjunction with The Lighthouse Events. For more details, a complete season schedule, and to purchase tickets, visit the CCA [website](#).

Brewer quoted in AP report on ranked-choice voting

22 Jun 2018

The Associated Press reported on the outcome of the use of ranked-choice voting in Maine’s primary election, quoting Mark Brewer, a professor of political science at the University of Maine. Ranked-choice voting in the Maine primary “went off without a hitch,” and its success could inspire the use of the system in other states and in some races in Maine’s general election in November, according to the report. “What happened in Maine is absolutely going to spur further interest,” said Brewer. The Tampa Bay Times carried the AP report.

Gallandt, Mallory to speak at agricultural workshop, Ravalli Republic reports

22 Jun 2018

[Ravalli Republic](#) included talks by Eric Gallandt, a professor of weed ecology at the University of Maine, and Ellen Mallory, an assistant professor of sustainable agriculture and an associate extension professor at UMaine, in a preview of an upcoming workshop. The talks are part of the 2018 Organic Principals Review workshop held by the Montana State University Western Agricultural Research Center and Montana’s Organic Advisory and Education Council in Corvallis, Montana July 11. The workshop will focus on topics related to integrated weed management in organic systems.

BDN quotes Hopkins in article on rethinking sugar labeling

22 Jun 2018

The [Bangor Daily News](#) quoted Kathy Hopkins, a maple syrup expert and extension educator at the University of Maine Cooperative Extension, in an article on the FDA’s reconsideration of changes in sugar labeling. The initial proposal would have required maple syrup and honey producers to label their pure products as containing added sugar to comply with updated nutrition guidelines recommending lowering sugar intake to reduce the risk of health problems. Members of the maple syrup and honey industries have expressed concerns over the proposed change, which they say would confuse consumers about the contents of a pure product naturally high in sugar and do more harm than good. The FDA plans to revise its approach to the labeling change in response to this feedback, according to the BDN. Hopkins clarified that the proposed label indicating maple syrup and honey have “added sugar” would really mean they contain “excess sugar over the recommended amount” established by the FDA. [WGME](#) (Channel 13 in Portland) carried the BDN article.

New Diagnostic and Research Lab holds open house, WABI reports

22 Jun 2018

[WABI](#) reported that the new University of Maine Cooperative Extension Diagnostic and Research Laboratory held an open house June 22, and quoted John Rebar, the lab’s executive director. The \$8 million lab will improve the quality of scientific research done on site, and will provide educational opportunities for students. “We’ve supported crops, livestock, and we’ve done that with outdated facilities. Now we’re going to be able to do things with full-sized animals that we couldn’t do before because we couldn’t bring them into our lab. Now we can,” Rebar told WABI.

Gosse interviewed for Healthline article on triclosan

22 Jun 2018

[Healthline](#) interviewed Julie Gosse, an associate professor of biochemistry at the University of Maine, for an article on triclosan and its effects on health. Triclosan is an antibacterial ingredient commonly occurring in cosmetics, clothing, kitchenware and other products. The FDA has banned it from some soaps and body washes, since the ingredient is not effective enough in those products to merit its inclusion, but it is still used in some toothpastes. Gosse's most recent research on triclosan shows that the ingredient disrupts mitochondrial function and mast cell signaling in human and mouse cells, which could negatively affect cell processes and the immune system, Healthline reports. "We've also found inflammation caused by triclosan in cell culture, in primary human skin cells, which are directly exposed when humans come into skin contact with triclosan-containing products," said Gosse. An [article](#) she published reported triclosan is associated with cancer development and decreased cardiovascular function in mice. Gosse and others have called for further research on the topic, based on several studies suggesting triclosan has negative effects on human health, the article states. "Our job is to do the best science we can do and make people aware. As scientists, we communicate our findings, and the public, companies, or government decides what they should do," said Gosse.

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A taste of the Maine woods is brewing in Orono

25 Jun 2018

The University of Maine's forestry faculty have teamed up with Black Bear Brewing Company and Marsh Island Brewing to serve up Green Growth, a spruce tip pale ale, this July. The idea was originally conceived by Daniel Hayes and Aaron Weiskittel of UMaine's School of Forest Resources. They were planning to host a boreal forest research conference, and thought it would be fun to serve a beer at the event featuring spruce, which grows in boreal forests. The conference was later canceled, but the idea for the beer stuck. "We wanted to help our local community appreciate Maine's forests in a different way. So this sort of became a pet project, to convince a local brewery to make our idea happen," Hayes said. In 2017, Hayes found his brewer in Tim Gallon, owner of Black Bear Brewing Company, and the resultant Maine Spruce Beer sold out in just three short months. This year, Marsh Island Brewing joined the group, and offered to brew the 2018 batch in its new system. "It was fun to be involved with other people sharing what they're passionate about with us, to learn what kind of trees to pick from, and evaluate the pliability of the needles," said Clay Randall, head brewer of Marsh Island Brewing. The tips were gathered from Norway spruce trees in UMaine's Dwight B. Demeritt Forest under the guidance of forestry faculty who helped the brewers identify the correct trees, and sustainably harvest the freshly sprouted tips. The spruce pale ale will be available at Black Bear Brewing Company and Marsh Island Brewing in time for the Fourth of July holiday. Both breweries will donate \$1 for every pint of Green Growth sold to support building a new sugar house in the Demeritt Forest. The brewers also froze extra spruce tips that they will use to brew a spiced holiday ale this winter. Contact: Erin Miller, 207.581.3204

Tajvidi receives TAPPI Nanotechnology Mid-Career Award

25 Jun 2018

Mehdi Tajvidi, an assistant professor of renewable nanomaterials in the School of Forest Resources, received the TAPPI Nanotechnology Mid-Career Award at the 2018 TAPPI International Conference for Nanotechnology of Renewable Materials in Madison, Wisconsin June 13. The award is intended to recognize an individual who has made outstanding contributions to advance nanotechnology of renewable material with less than 20 years past the date of their most recent degree work. TAPPI is an international organization that provides a forum for engineers, scientists and other professionals involved in the pulp, paper and certain types of packaging industry.

Explore the beauty, benefits of biodiversity with Dan Perlman at DMC

25 Jun 2018



[caption id="attachment_61486" align="alignright" width="223"] Dan Perlman[/caption] Taking time to explore nature with an inquisitive mind can be an excellent break from today's technology-driven lifestyle. Dan Perlman's seminar, "Nature and natural history through an ecologist's lens," will be held at 10:30 a.m. June 29, in Brooke Hall at University of Maine Darling Marine Center, at 193 Clarks Cove Road, Walpole. Perlman, an ecologist and avid photographer, will take attendees on an exploration of ecosystems around the planet. His seminar is a window into how one ecologist draws sustenance from the natural world and explores the beauty and benefits of biodiversity in nature. Perlman earned his Ph.D. from Harvard University's Department of Organismic and Evolutionary Biology. He's now associate provost of innovation in education and directs the Center for Teaching and Learning at Brandeis University. He has co-authored three textbooks and developed EcoLibrary.org, which provides free online teaching materials related to ecology and environmental studies. Perlman's talk is part of the DMC's science seminar series. These free Friday seminars are open to the public and provide a space to discuss current marine research. To preregister and for a list of other speakers and topics featured this summer, visit the DMC [website](#). For more information about the seminar series or to request a reasonable accommodation, call 207.563.3146.

Glover recent guest on WGAN's 'Inside Maine' podcast

25 Jun 2018

Rob Glover, an associate professor of political science at the University of Maine, was a recent guest on [WGAN's](#) "Inside Maine" podcast. Glover discussed the current situation regarding U.S. immigration policy and the controversy surrounding it, including the role of deterrence in some decisions on policy action at the federal level.

Extension fact sheet cited in Press Herald article on wild strawberries

25 Jun 2018

The [Portland Press Herald](#) cited a University of Maine Cooperative Extension [fact sheet](#) in an article on wild strawberries. Wild strawberry, or Virginia strawberry, is a native, herbaceous (non-woody) plant that normally flowers in late May and early June and produces fruit soon after, according to the fact sheet. The small, flavorful berries can be difficult to find, and the article recommends enjoying them while they last.

Fried, Glover write piece on ranked-choice voting for The American Prospect

25 Jun 2018

Amy Fried, a professor and chair of the Department of Political Science at the University of Maine, and Rob Glover, an associate professor of political science at UMaine, wrote a piece on ranked-choice voting for [The American Prospect](#). More than a dozen U.S. cities use ranked-choice voting, but Maine is the first state to implement it, having done so in the recent primary election. Proponents of ranked-choice voting have argued that the system better represents the popular will, and will ensure that candidates receive a majority of votes rather than a plurality, though the issue became somewhat partisan in Maine and could have unforeseen consequences, according to the article. “It remains unclear whether Maine’s innovative democratic experiment could travel to other states. Its partial adoption here has been driven by Maine’s political idiosyncrasies,” the article states. “The shift is rooted in a political culture that values and encourages participation.” Ranked-choice voting could increase “civility and moderation” in the election process, but it is too early to ascertain for sure the larger impacts this could have. Fried and Glover write that primary elections tend to draw more active and knowledgeable voters, so until ranked-choice voting is used in a general election its true effects will still be undetermined. However, they say, “this experiment in Maine’s ‘laboratory of democracy’ provides a crucial test case for states and localities seeking to transform their electoral processes to better reflect the will of the people.”

BDN article on mowing, bobolinks quotes Kersbergen

25 Jun 2018

The [Bangor Daily News](#) quoted Richard Kersbergen, a University of Maine Cooperative Extension professor of sustainable dairy and forage systems, in the article, “Maine farm under fire after mowing nesting fields for declining bird species.” A farmer at Hart Farm in Holden recently mowed open fields to make hay to feed the farm’s dairy cows. But those fields were home to a number of bobolinks, a bird whose population is declining at an increasing rate and whose chicks were under further threat from the mowing. Birders had advocated for the farmers to postpone mowing to give chicks a better chance of survival, the article states. The situation has tradeoffs on both sides — the farm plays a crucial role in preserving agriculture in Maine but both cows and birds are part of its ecosystem, leaving no easy answer. “If you’re trying to feed a milking cow, you need the best nutrition you can give them. It really is critical for farmers to get that first cutting,” said Kersbergen. The farm’s land has been under threat of development, so prioritizing its dairy cows in the short term will ensure its agricultural survival and preserve the habitat for other species in the long term, according to the BDN.

Bisson quoted in Press Herald report on federal Sea Grant award

25 Jun 2018

The [Portland Press Herald](#) reported on a \$574,691 federal grant given by the National Oceanic and Atmospheric Administration to the Maine Sea Grant Program, which partners with the University of Maine, quoting Beth Bisson, Maine Sea Grant’s interim director. The grant will contribute to research on coastal environmental conservation efforts and the sustainable use of marine resources. UMaine is one of 33 NOAA Sea Grant programs, the Press Herald reports. “These funds will help fill critical gaps in our understanding ... and will help to ensure that Maine’s marine economy will continue to thrive,” said Bisson. “We look forward to working with lobster scientists, the Maine Department of Marine Resources, the Maine lobster industry, and our Sea Grant and resource agency partners throughout the region to make sure that the funds will help answer the most urgent research questions and inform future management.” [Mainebiz](#) also reported on the grant.

Dill interviewed for BDN report on lone star ticks

25 Jun 2018

The [Bangor Daily News](#) interviewed Griffin Dill, a pest management specialist with the University of Maine Cooperative Extension, for a report on lone star ticks. The lone star tick has been spreading into the Northeast region of the United States, with several cases of the tick being found in Maine. Dill and colleagues are trying to figure out whether these are isolated, or if the tick has established breeding populations in the state. “Thus far, we haven’t been able to find more. We’re thinking they’re coming into the state in the spring by migratory birds, then are getting dropped off throughout the state,” said Dill. In addition to potentially carrying life-threatening diseases, the lone star tick is known for transmitting a compound that can cause allergic reactions to red meat in a person who has been bitten by the tick, the BDN reports. Much is still unknown about the allergy, which Dill says requires the tick to “first feed on a different type of mammal in a previous life cycle.” And the issue is just one small part of ongoing research about ticks and their implications for the residents of Maine. [WGME](#) (Channel 13 in Portland) and [The County](#) carried the BDN report. [CBS News](#) and [NECN](#) also reported on the ticks, quoting Dill.

UMaine Extension offers food preservation workshops in July

26 Jun 2018

University of Maine Cooperative Extension will offer hands-on food preservation workshops on consecutive Saturdays in July in three Aroostook County communities. Each workshop will run 1–5 p.m. and cover basics of canning, freezing and drying garden produce, including water bath and pressure canning. Fresh produce and canning jars will be provided. The workshop dates and locations are:

- July 7, Fort Kent Community High School, 84 Pleasant St., Fort Kent
- July 14, Houlton Regional Hospital, 20 Hartford St., Houlton
- July 21, UMaine Extension, 57 Houlton Road, Presque Isle

The \$25 fee covers all materials, and each participant will get a sample jar to take home. Pre-registration is required [online](#). A full refund will be given provided cancellation is done at least 24 hours in advance; a \$10 fee will be retained in the event of a no-show. For more information or to request reasonable accommodation, contact Sharon Paradis, 207.834.3905, 800.287.1421 (in Maine) or sharon.paradis@maine.edu.

Cooperative Extension 4-H Dairy Club holds workshop, Daily Bulldog reports

26 Jun 2018

The [Daily Bulldog](#) reported the University of Maine Cooperative Extension Franklin County 4-H Dairy Club held a showmanship workshop at the 4-H Fair June 16. Fifteen 4-H members from five clubs learned about different aspects and details of showing at the workshop, and ended the day with a showing judged by the workshop's session leader, the article states.

Dill quoted in media reports on lone star tick bite

26 Jun 2018

[WGME](#) (Channel 13 in Portland) reported a Maine woman developed an allergy to red meat after being bitten by a lone star tick, quoting Griffin Dill, a pest management specialist with the University of Maine Cooperative Extension. The tick is not native to Maine, but has been found in the state in a few isolated cases. Since the incident, the woman has been more vigilant, sending ticks to the Extension's Tick Lab for identification and testing, according to WGME. "It's certainly on Maine's doorsteps, so it may be one of those things where it's just kind of a matter of time before we find established populations here as well," said Dill. The [Bangor Daily News](#) published the WGME report, and [WVII](#) (Channel 7), [WABI](#) (Channel 5), [CBS News](#) and [WCAX](#) (Channel 3 in Burlington, Vermont) also reported on the story, quoting Dill.

Sun Journal reports Extension 4-H robotics team competes in California

26 Jun 2018

The [Sun Journal](#) reports the University of Maine Cooperative Extension Oxford Hills Homeschool Robotics 4-H Team returned from an international competition in California. Four team members ages 13 to 15 competed in the FIRST LEGO League California International Open in Carlsbad, California. Their project addressed solutions for water pipes freezing and bursting in cold weather, and received a ranking of "exemplary." The team was recognized for its "professionalism and programming strengths," according to the article.

Climate Change Institute report cited in BDN op-ed

26 Jun 2018

The [Bangor Daily News](#) cited a 2015 University of Maine Climate Change Institute [report](#) on Maine's climate future in the op-ed "Reducing Maine's carbon emissions now will pay off later." The report found flood zones in Maine have expanded, the habitat for lobsters is moving north, and ticks and Lyme disease have an increasing presence in the state, according to the article, which used this evidence to support an argument for reducing carbon emissions to mitigate these and other effects of climate change.

UMaine researchers receive NIH grant to study flu virus, AP reports

26 Jun 2018

The Associated Press reported a team of researchers at the University of Maine received a grant for more than \$430,000 from the National Institutes of Health to study immune system responses to the influenza virus. The research will be used to develop new treatments for the flu, following the worst flu season in Maine in five years, according to AP. Using zebrafish, which have a similar genetic structure to humans, the researchers — Carol Kim, a professor of microbiology, Paul Millard, an associate professor of chemical and biological engineering, and Con Sullivan, an assistant research professor of molecular and biomedical sciences — will investigate immune response to the virus and factors that control antiviral activity, and look for causes of the immune response resulting in death from the infection. The [Portland Press Herald](#), [WABI](#) (Channel 5), [Maine Public](#), [U.S. News & World Report](#), [WAGM](#) (Channel 8 in Presque Isle) and [Seacoast Online](#) carried the AP article. [Medical Xpress](#) posted a UMaine news release about the research.

University of Maine announces spring 2018 Dean's List

27 Jun 2018

The University of Maine recognized 2,214 students for achieving Dean's List honors in the spring 2018 semester. Of the students who made the Dean's List, 1,634 are from Maine, 533 are from 31 other states and 47 are from 21 countries other than the U.S. Listed below are students who received Dean's List honors for spring 2018, 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
Abbotoni	Sarah	Houlton	ME	
Abou-Elias	Jasmine	Orono	ME	
Acheson	Julianna	Andover	MA	

Ackley	Matthew	Rockport	ME	
Adams	Daniel	Norwalk	CT	
Adams	Liam	Sargentville	ME	
Adams	Mary	Gorham	ME	
Adams	Molly	Caribou	ME	
Adams	Oliver	Cumberland Center	ME	
Adams	Sarah	Ellicott City	MD	
Adams	Thomas	Falmouth	ME	
Ahearn	Matthew	Medway	MA	
Aiken	Nicholas	Sheffield	VT	
Alamo	Kylemartin	Boothbay	ME	
Albanese	Joelle	Frenchtown	NJ	
Albano	Michaela	Wells	ME	
Albert	Christopher	Bradford	ME	
Albourn	Steven	Hillsborough	NJ	
Aldrich	Benjamin	Hancock	NH	
Aldrich	Matthew	Windham	ME	
Alessa	Abdulrahman	Orono	ME	
Alexander	Jared	Gardiner	ME	
Alexander	Quinn	Brunswick	ME	
Alexander	Stephanie	New York	NY	
Alexandrou	Rachel	Orono	ME	
Alhammadi	Hussain	Old Town	ME	
Ali	Yousuf	Orono	ME	
Allisot	Sarah	Old Town	ME	
Alsaady	Thoalfakar	Old Town	ME	
Alsamsam	Omar	Bangor	ME	
Alvarez	Nicholas	South Portland	ME	
Aman	William	Lakeville	MA	
Andersen	Emilie	Orono	ME	

Anderson	Alec	Scarborough	ME	
Anderson	Christopher	Lincoln	ME	
Anderson	Gustav	Phippsburg	ME	
Anderson	Sydney	Brunswick	ME	
Andrick	Ryan	Warren	ME	
Angelo	Edward	Troy	ME	
Antz	Thomas	Portland	ME	
Anzurez Uroza	Eduardo	South Portland	ME	
Aquino	Juliette	Beverly	NJ	
Araujo	Celio	Boston	MA	
Archambault	Griffin	Wayland	MA	
Archer	Rebecca	Gray	ME	
Armistead	Dawson	Bangor	ME	
Armstrong	Francesca	Easton	ME	
Arnold	Olivia	Ogunquit	ME	
Arsenault	Lyndsey	Windham	ME	
Arthur	Danielle	Canton	MA	
Artkop	Mikayla	Searsmont	ME	
Arya	Nishchay	Bangor	ME	
Ashley	Bethany	Buxton	ME	
Astle	Samuel	Houlton	ME	
Atchinson	Ashlee	South Paris	ME	
Atchison	Luke	South China	ME	
Aubut	Katlyn	Pembroke	MA	
Audet	Alexander	Pittsfield	ME	
Audet	David	Augusta	ME	
Audibert	Sharon	Bangor	ME	
Auffant	Jason	Chebeague Island	ME	
Auman	Sophia	Kennebunkport	ME	
Austin	Eunyoung	Old Town	ME	

Austin	Jared	Brewer	ME	
Avena	Sydney	East Lyme	CT	
Awalt	Brian	Hancock	ME	
Ayotte	Elizabeth	Old Town	ME	
Ayotte	Stephanie	Saco	ME	
Baber	Makenzie	Veazie	ME	
Bacon	Paige	Hermon	ME	
Baert	Nathan	North Waterboro	ME	
Baez	Alan	Waterville	ME	
Bagley	Grace	Belfast	ME	
Bailey	Alexis	Old Town	ME	
Bailey	Bradley	Randolph	ME	
Bailey	Madelyn	Holden	ME	
Bailey	Nicole	Nepean	ON	Canada
Bailey	Taylor	Vassalboro	ME	
Baird	Sara	Westfield	MA	
Baker	Howard	Cheltenham		United Kingdom
Baker	Joshua	Glenburn	ME	
Baker	Sarah	Glenburn	ME	
Ballard	Brianna	Bangor	ME	
Ballesteros	Samantha	Brewer	ME	
Bamford	Olivia	Rochester	NH	
Barbour	Julia	Rockland	ME	
Barill	Sean	Greensburg	PA	
Barker	Cleo	Portland	ME	
Barnes	Emma	Wexford	PA	
Barnes	Johanna	Orono	ME	
Barnett	Alex	Old Town	ME	
Barnett	Emily	North Monmouth	ME	
Barra	Kira	Dillingen		Germany

Barry	Kyle	Hampden	ME	
Bartash	Bailee	Lincoln	ME	
Bartash	Riley	Lincoln	ME	
Bartlett	Drew	Eliot	ME	
Baxter	Silvia	Cumberland Center	ME	
Bayer	Molly	Tolland	CT	
Beane	Elizabeth	North Reading	MA	
Beaudoin	Nicolas	Woodland	ME	
Beaulieu	Maria	Skowhegan	ME	
Becker	Christiana	Old Town	ME	
Becker	Samuel	Saint Paul	MN	
Beebe	Connor	Reading	PA	
Begin	Noah	Damariscotta	ME	
Behan	Jamie	Seekonk	MA	
Belanger	Dylan	Moscow	ME	
Belanger	Kirstie	Skowhegan	ME	
Belanger	Michael	Amherst	NH	
Belcher	Drew	Reading	MA	
Belisle Haley	Abigail	Yarmouth	ME	
Bellefleur	Alexis	Auburn	ME	
Belleville	Hannah	Salem	CT	
Benedict	Brianna	Vassalboro	ME	
Beneduci	Zachary	Troy	NY	
Beneski	Jessica	Revere	MA	
Benner	Heather	Veazie	ME	
Bennett	Abigail	Oxford	ME	
Bennett	Cooper	Hampden	ME	
Bennett	Drew	Brewer	ME	
Bennett	Eliza	Windham	ME	
Bennett	Kayla	Somers	CT	

Bennett	Madison	Hampden	ME	
Bennoch	Casey	West Bath	ME	
Benson	Brawley	Greenbush	ME	
Berez	Sarah	Camden	ME	
Bergdoll	Abigail	Burnham	ME	
Bergdoll	Eliana	Burnham	ME	
Berger	Brian	Old Town	ME	
Bergeron	Jessalyn	Old Town	ME	
Bergeron	Ryan	Howland	ME	
Bernheim	Lilja	South China	ME	
Bernier	Allen	Waterville	ME	
Bernier	Amy	Orono	ME	
Bernier	Kyle	Sidney	ME	
Bernier	Tyler	Westbrook	ME	
Berrill	Emily	Gorham	ME	
Bertin	Ryan	Gorham	ME	
Bertrand	Marshal	Hubbardston	MA	
Bertwell	Lindsey	Derry	NH	
Berube	Alison	Winthrop	ME	
Bethune	Joshua	Halifax	MA	
Bibbo	Madison	Danvers	MA	
Biela	Kimberly	Southington	CT	
Bilello	Lara	Sayville	NY	
Bilodeau	Juliana	Brewer	ME	
Bilodeau	Katelyn	West Gardiner	ME	
Binette	Dalton	Milan	NH	
Binette	Maliyan	Milford	ME	
Bishop	Jenna	Bangor	ME	
Bisson	Haley	Lewiston	ME	
Bisson	Molly	Brunswick	ME	

Bista	Bivek	Damak		Nepal
Blackdeer	Emma	Madison	WI	
Blaine	Steven	York	ME	
Blake	Harrison	Castine	ME	
Blanchard	Dawsin	Gray	ME	
Blasco	Patrick	New Canaan	CT	
Bleier	Kate	Wells	ME	
Blodgett	Rebecca	Parkman	ME	
Blood	Benjamin	Orono	ME	
Bloom	Jacob	Scarborough	ME	
Bloomer	Timothy	Hopkinton	MA	
Blouin	Ian	Etna	ME	
Bobrova	Victoria	Cornwall on Hudson	NY	
Bock	Christopher	Yarmouth	ME	
Bolduc	Kellie	Waterville	ME	
Bolduc	Samantha	Lisbon Falls	ME	
Bolduc	Samuel	Bangor	ME	
Bonarrigo	Liliana	Rockland	ME	
Bond	Seth	Ludlow	ME	
Bonneville	Lucie	Belfast	ME	
Bonney	Rachel	Oxford	MA	
Boomer	Rebekah	Hampden	ME	
Boomer	Sarah	Hampden	ME	
Boone	Lucy	Beaumont	TX	
Boos	Meghan	Naples	ME	
Borger	Emily	San Angelo	TX	
Boschetto	Christian	Framingham	MA	
Bosdell	Jesse	Fairfield	ME	
Bouchard	Ariel	Bangor	ME	
Bouchard	Hannah	Bar Harbor	ME	

Bouffard	Connor	Biddeford	ME	
Boulos	Jaime	New Gloucester	ME	
Bourgeois	Evan	Williston	VT	
Bourque	Ashlyn	Biddeford	ME	
Boutaugh	Caryn	Millinocket	ME	
Boutilier	Benjamin	Houlton	ME	
Boutot	Hunter	Old Orchard Beach	ME	
Bowden	Katrina	Hudson	ME	
Bowen	Cagney	Thornton	NH	
Bowie	Jordan	Windsor	ME	
Bowker	Jaycob	Eddington	ME	
Boynton	Maylinda	Belfast	ME	
Bozzelli	Racquel	Dover Foxcroft	ME	
Brace	Kayla	Lewis Lake	NS	Canada
Bradshaw	Jacob	Berwick	ME	
Bradstreet	Olivia	Palermo	ME	
Bragdon	Emma	Eddington	ME	
Bragdon	Morgan	Brewer	ME	
Bragg	Lily	Mount Vernon	ME	
Brainerd	Amanda	Bangor	ME	
Brann	Kaylee	Benton	ME	
Braun	Jeremy	Northford	CT	
Brett	Courtney	Portland	ME	
Brickman	Emma	Fort Kent	ME	
Brickman	Lily	Fort Kent	ME	
Bridges	Cole	Baring Plantation	ME	
Bright	Ian-Tor	Cornwall	VT	
Bristol	Genevieve	Etna	NH	
Britton	Alex	Falmouth	ME	
Brochu	Camille	Hardwick	VT	

Broderick	Ava	Lincoln	ME	
Broderick	Jacob	Arnold	MD	
Bromberg	Caroline	Bar Harbor	ME	
Bromley	Alexandria	Voorhees	NJ	
Brooks	Drew	Lyman	ME	
Brooks	Kelsey	Cushing	ME	
Brooks	Rachel	Clifton	ME	
Brown	Aaron	Clinton	ME	
Brown	Caden	Manchester	ME	
Brown	Caeley	Houlton	ME	
Brown	Isiah	Farmington	ME	
Brown	Justin	Ellsworth	ME	
Brown	Kendall	Allison Park	PA	
Brown	Molly	Bar Harbor	ME	
Brown	Noah	Carthage	ME	
Brown	Shannon	Medford	MA	
Brown	Zoe	South Portland	ME	
Brownawell	Hannah	Rockport	ME	
Brunton	Christopher	Old Town	ME	
Budri	George	Portland	ME	
Budri	Mariza	Portland	ME	
Budway	Emma	Scarborough	ME	
Bullard	Andrew	Alfred	ME	
Bullard	Daniel	Alfred	ME	
Bullard	Rebeka	Levant	ME	
Burgason	Emma	Old Town	ME	
Burgess	Reilly	Greene	ME	
Burkard	Alyssa	Searsport	ME	
Burkard	Jay	Stockton Springs	ME	
Burke	Jeffrey	Bangor	ME	

Burke	Nathaniel	North Chelmsford	MA	
Burke-Monsanto	Kiana	Nahant	MA	
Burley	Justin	York	ME	
Burns	Delaney	Gorham	ME	
Burns	Emily	Hermon	ME	
Burris	Amber	Orrington	ME	
Burton	Kaitlyn	Portland	ME	
Bush	Caroline	Holden	ME	
Bush	Matthew	Orono	ME	
Bushey	Margaret	Biddeford	ME	
Bussiere	Jasmine	Jay	ME	
Buswell	Carly	Stetson	ME	
Butler	Andrew	Berwick	ME	
Butler	Cole	Orono	ME	
Butler	Kendall	Harwinton	CT	
Buttarazzi	Jacob	Arundel	ME	
Buzzell	Heather	Brunswick	ME	
Buzzell	Shannon	Monmouth	ME	
Buzzelli	Angelina	Charleston	ME	
Byers	Ryan	Hermon	ME	
Byrne	Emilia	Kittery	ME	
Byrnes	Meaghan	Windham	ME	
Byron	Christopher	North Yarmouth	ME	
Caballero	Anna	Orono	ME	
Cabral	Jillian	East Providence	RI	
Cadorette	Cameron	Saco	ME	
Cadran	Haley	New Gloucester	ME	
Cahoon	Skye	Wrentham	MA	
Cali	Joseph	Henrietta	NY	
Callahan	Emily	Raymond	ME	

Callinan	Andrew	Westerly	RI	
Camarata	Lindsay	Brentwood	NH	
Campbell	Brody	Mariaville	ME	
Campbell	Madison	Dedham	ME	
Campbell	Morgan	Bangor	ME	
Campbell	Rebecca	Sanford	ME	
Campion	Ryan	Kittery	ME	
Campo	John	Toms River	NJ	
Canale	Madison	West Caldwell	NJ	
Cantin	Ethan	Peru	ME	
Caouette	Bayley	Bangor	ME	
Car	Noah	Hobe Sound	FL	
Carey	Autumn	Biddeford	ME	
Carey	Brendan	Lincolnville	ME	
Carey	Quinn	Essex	CT	
Carle	Forrest	Calais	ME	
Carlson	Aidan	Wiscasset	ME	
Carlson	Rachel	Lutz	FL	
Carlton	Inga	South Berwick	ME	
Carotenuto	Amanda	Acton	MA	
Carr	Josh	Calais	ME	
Carr	Thomas	Yarmouth	ME	
Carrier	Grant	Harpswell	ME	
Carroll	Cassandra	Enfield	CT	
Carroll	Nathan	Millville	MA	
Carron	Leah	Detroit	ME	
Carter	Bailey	Fairfield	ME	
Caruso	Paul	Cumberland Center	ME	
Casey	Julia	Brunswick	ME	
Casey	William	Dover Foxcroft	ME	

Cashman	Sean	Old Town	ME	
Cass	Kevin	Cumberland Foreside	ME	
Castiello	Isabella	Lynn	MA	
Castiglia	Elana	Eddington	ME	
Castonguay	Nicole	Livermore Falls	ME	
Castonguay	Rachel	Wayne	ME	
Castro	Anthony	Cape Elizabeth	ME	
Caswell	Kirsten	Orono	ME	
Cates	Ethan	Brewer	ME	
Cedor	Hailey	North Kingstown	RI	
Chadrawi	Amber	Dover Foxcroft	ME	
Chadwick	Bass	Gardiner	ME	
Chadwick	Nicole	Gardiner	ME	
Chalmers	Ashleigh	Chatham		United Kingdom
Chamard	Sara	Falmouth	ME	
Chamberlain	Samuel	Old Town	ME	
Chamberland	Kevin	Winthrop	ME	
Champagne	Elizabeth	Poland	ME	
Chandler	Lauren	Phippsburg	ME	
Chapman	Adam	Gorham	ME	
Chapman	Carroll	Embden	ME	
Chapman	Chelsea	Bangor	ME	
Charest	Sophie	Auburn	ME	
Charles	Michaela	Mercer	ME	
Charles	Sydney	Fryeburg	ME	
Charlton	Amanda	Lexington	MA	
Charpentier	Lily	Naples	ME	
Charrier	Megan	Sanford	ME	
Chartier	Gabrielle	Dixfield	ME	
Chase	Samuel	Bangor	ME	

Chasse	Andre	Bangor	ME	
Chasse	Benjamin	Hampden	ME	
Chasse	Nicole	East Millinocket	ME	
Chen	Minchi	Orono	ME	
Chick	Kaitlyn	Readfield	ME	
Chituck	Nyia	Knox	ME	
Cholod	Kyle	Portland	ME	
Chouinard	Nicholas	Bucksport	ME	
Christiansen	Catherine	Naples	ME	
Christianson	Devin	Seal Cove	ME	
Ciance	Michael	Contoocook	NH	
Cianchette	Erin	Falmouth	ME	
Cifra	Jillian	Everett	MA	
Clark	Elaine	Sanford	ME	
Clark	Emma	Saco	ME	
Clark	Jacob	Scotland	CT	
Clark	Joshua	Brunswick	ME	
Clark	Matthew	Old Town	ME	
Clark	Sally	Hudson	ME	
Clarke	Emily	Acton	ME	
Clarke	Naedia	Randolph	MA	
Claudel	Christina	Palermo	ME	
Claus	Kyle	South Berwick	ME	
Clavette	Nicholas	Greene	RI	
Clavette	Renee	South Berwick	ME	
Cleary	Julia	Wakefield	MA	
Cleary	Spencer	Marstons Mills	MA	
Clemens	Jennifer	Bar Harbor	ME	
Clement	Andrew	Falmouth	ME	
Clifford	Dillon	Lisbon Falls	ME	

Clifford	Jaimi	Augusta	ME	
Cline	Hunter	Gilead	ME	
Closson	Christina	Bernard	ME	
Cloutier	Averie	Greene	ME	
Cloutier	Jacob	Corinna	ME	
Cloutier	Troy	Waterboro	ME	
Cobotic	Samantha	Douglaston	NY	
Coco	Aviana	Merrimack	NH	
Cogley	Peter	Roxbury	ME	
Cohen	Lilyan	Brewer	ME	
Cohen	Sophie	Warren	ME	
Cole	Kelsey	York	ME	
Cole	Nathaniel	Bucksport	ME	
Colfer	Thomas	West Gardiner	ME	
Collier	Caroline	Charlestown	MA	
Collins	Adam	Caribou	ME	
Collins	Claire	Enfield	CT	
Collupy	Jacob	East Waterboro	ME	
Colon-Tarvers	Alexandra	Old Town	ME	
Colter	Emily	Hampden	ME	
Comeau	Austin	Old Town	ME	
Comeau	Stephen	Bangor	ME	
Conant	John	Crofton	MD	
Conant	MacKenzie	Billerica	MA	
Connelly	Joseph	Vassalboro	ME	
Connelly	Katherine	Cape Elizabeth	ME	
Conner	Sarah	Orono	ME	
Connolly	Roger	South Berwick	ME	
Conroy	Ashley	Franklin	MA	
Constantin	Gabriela	Bangor	ME	

Cook	Jacquelyn	Lancaster	PA	
Cook	Joshua	Vergennes	VT	
Cooper	Alexandra	Orono	ME	
Cooper	Ashley	Westport	MA	
Cope	Catherine	Clarkson	WA	Australia
Corbett	Emily	Listowel	ON	Canada
Corey	Taylor	Plainville	MA	
Cormier	Joseph	East Walpole	MA	
Cormier	Maria	Sullivan	ME	
Correale	Jessica	Bangor	ME	
Cosgrove	Kristin	West Gardiner	ME	
Cosgrove	Sydni	Bangor	ME	
Cossette	Emma	Quebec	QC	Canada
Costin	Shea	South Berwick	ME	
Cote	Alexis	Madawaska	ME	
Cote	Jessica	Lewiston	ME	
Cotone	Victoria	Plymouth	MA	
Cotter	Summer	West Barnstable	MA	
Cottle	Justin	Winterport	ME	
Cotton	Katherine	Glenburn	ME	
Coughlin	Erin	Marlborough	MA	
Coulombe	Daniel	Saint Agatha	ME	
Courtois	Shelby	Saco	ME	
Cousins	Brittany	Milford	ME	
Covolo	Sophia	Portsmouth	NH	
Cowan	Grace	Madison	ME	
Cox	Chessie	Boston	MA	
Cox	Ryan	Bar Harbor	ME	
Cox	Thomas	Orono	ME	
Coyle	Cormac	Lebanon	NH	

Coyne	Aidan	Bangor	ME	
Coyne	Emily	North Yarmouth	ME	
Coyne	Sarah	Newtown	PA	
Craig	Gabrielle	Old Town	ME	
Craig	Jovon	Brewer	ME	
Craig	Phillip	Ashland	ME	
Cramer	Andrew	Chatham	NJ	
Crawford	Anthony	Wells	ME	
Crawford	Vincent	Wells	ME	
Cray	Taylor	Readfield	ME	
Crist	Andrew	Bangor	ME	
Crockett-Current	Sophia	Saco	ME	
Croft	Austin	Old Town	ME	
Cronin	Taylor	Naples	ME	
Cropley	Melody	Standish	ME	
Crosby	Sierra	Lisbon Falls	ME	
Cross	Aska	Bangor	ME	
Crouse	Bryan	Westbrook	ME	
Crowell	Dylan	Bath	ME	
Crowley	Kimberly	Old Town	ME	
Crucianelli	Paula	Westbrook	ME	
Cruwys	Ariana	Orono	ME	
Cuddy	Madison	Jackman	ME	
Cullen	Cody	Gray	ME	
Cullen	Meaghan	East Walpole	MA	
Cummings	Claudia	Indian Island	ME	
Cummings	Madison	Belfast	ME	
Cunney	Andrea	Brewer	ME	
Cunningham	Isobel	Raymond	ME	
Curran	Nicolette	Skowhegan	ME	

Curtis	Brooke	Skowhegan	ME	
Curtis	Hunter	Richmond	ME	
Cusato	Felicia	Marlton	NJ	
Cushman	Jaycee	Mercer	ME	
Cyr	Shaylyn	Glenburn	ME	
D'Alessio	Daniel	Rockland	MA	
Dagher	Anna-Maria	Veazie	ME	
Daigle	Courtney	Madawaska	ME	
Daley	Jennie	Sullivan	ME	
Daley	Jordan	Calais	ME	
Dalrymple	Rebecca	Milford	ME	
Dalton	Ann Marie	Hampden	ME	
Daly	Cami	Norwood	MA	
Daly	Courtney	Scarborough	ME	
Damon	Alyssa	Holden	ME	
Damon	Brianna	Sumner	ME	
Damon	Elizabeth	Sumner	ME	
Damsky	Jenya	Salem	MA	
Damuck	Ellie	Stockton Springs	ME	
Dana	Madalyn	Perry	ME	
Danforth	Christopher	West Warwick	RI	
Danner	Alexander	Waterville	ME	
Dapprich	Susanne	Lawrence Township	NJ	
Darling	Adam	Waterford	CT	
Darragh	Jade	Bucksport	ME	
Dassow	Timothy	Orono	ME	
Davis	Michaela	East Millinocket	ME	
Davis	Reed	Dedham	ME	
de Silva	Amy	North Dartmouth	MA	
Dean	Allison	Madison	ME	

Deane	James	Bangor	ME	
Dearborn	Kiana	Old Town	ME	
DeBrock	Spencer	Newtown	CT	
Decker	Christopher	Westbrook	ME	
Deckers	Marshal	Bangor	ME	
Dee	Elizabeth	Reading	MA	
Degen	Tristan	Belgrade	ME	
Degnan	Oscar	Orrington	ME	
DeGone	Anthony	Turner	ME	
DeGone	Brianna	Turner	ME	
DeHaas	Abigail	Carmel	ME	
Del Vecchio	Felix	South Portland	ME	
Delaney	Amber	Livermore	ME	
Delcourt	Meaghan	Old Town	ME	
Delgado	Hebert	Bangor	ME	
Delia	Hannah	Newtown	CT	
DeLisle	Lillian	Rome	ME	
Delp	Taylor	Bangor	ME	
DeMarchi	Christopher	Northvale	NJ	
Demaris	Colleen	Milo	ME	
DeMello	Benjamin	Rochester	MA	
Demers	Megan	Gorham	ME	
Demick	Cassandra	Cumberland Center	ME	
Demosthenes	Jacob	Topsham	ME	
Denery	Keegan	Bath	ME	
Denis	Alex	Topsham	ME	
Densmore	Siobhan	Portland	ME	
Dent	Frances	Waukesha	WI	
Derepentigny	Brennan	Levant	ME	
Derosier	Derek	Orono	ME	

Derrick	Alyssa	Coventry	RI	
DeRusha	Lindsey	Wrentham	MA	
Deschenes	Timothy	Madawaska	ME	
Desgrosseilliers	Michael	Stafford	VA	
DesJardin	Nancy	Winterport	ME	
Despres	Abigail	Fayette	ME	
Despres	Nicole	Berwick	ME	
Detwiler	Rachel	Arrowsic	ME	
Detwiler	Sean	Arrowsic	ME	
Devoe	Marcus	Naples	ME	
DiCaro	Isabella	Annandale	NJ	
Dickens	Sarah	Holden	ME	
Dickson	Caroline	Fairfax	VA	
Dieffenbacher-Krall	Nicholas	Old Town	ME	
DiFederico	Gina	Milford	CT	
Dignan	Jason	Bangor	ME	
Dillingham	Julia	Turner	ME	
DiNitto	Ariana	Bangor	ME	
Dixon	Brandon	Solon	ME	
Doak	Kenneth	Perkasie	PA	
Doak	Sarah	Orrington	ME	
Doan	Henry	Perth	WA	Australia
Docos	Gunnar	Harrison	ME	
Dodge	Morgan	Lee	ME	
Doe	Stewart	Kennebunkport	ME	
Doheny	Catherine	New London	NH	
Doiron	Cara	Bangor	ME	
Dominique	Nicholas	Blaine	ME	
Donadio	Danielle	Narragansett	RI	
Dong	Bingying	Belfast	ME	

Donnelly	Ian	Windham	ME	
Donnelly	Joshua	Brewer	ME	
Donnelly	Samuel	Hampden	ME	
Donovan	Corey	Billerica	MA	
Donovan	Zoe	Brunswick	ME	
Doody	Kevin	Canton	MA	
Dooling	Katie	South Portland	ME	
Dore	Kelsey	Aberdeen	SD	
Dorr	Madeline	McLean	VA	
Dorransoro	Vanessa	Walpole	MA	
Doty	Emily	Lyndonville	VT	
Doualeh	Souban	Lewiston	ME	
Dougherty	Anastasia	Brooklyn	CT	
Douglass	Derek	Bridgton	ME	
Dow	Sophia-Caleigh	Millinocket	ME	
Dowd	Shannon	Mendon	MA	
Downing	Xavier	Boothbay	ME	
Doyle	Abigail	South Berwick	ME	
Doyon	Eedy	Portland	ME	
Doyon	Laura	Hampden	ME	
Drake	Hunter	Hudson	MA	
Drewrey	Kevin	Medway	ME	
Drinkwater	Maggie	South Thomaston	ME	
Drinkwater	Nicholas	North Billerica	MA	
Driscoll	Anna	Scarborough	ME	
Driscoll	Killian	Peabody	MA	
Driscoll	Megan	Chelmsford	MA	
Driscoll	Sean	Haverhill	MA	
Dubay	Cameron	Auburn	ME	
Dube	Kaitlyn	Woolwich	ME	

Dube	Katherine	Arundel	ME	
Dubuc	Hannah	Taunton	MA	
Duff	Samantha	Saratoga Springs	NY	
Duffield	Charles	Old Town	ME	
Duffin	Sarah	Pawtucket	RI	
Duffy	Shannah	Brunswick	ME	
Dugas	Joshua	Windham	ME	
Dullaert	Emma	South Burlington	VT	
Dumas	Jazlyn	Lewiston	ME	
Dumond	Nicole	Old Town	ME	
Dumont	Emilie	Windham	ME	
Duncan	Cameron	Changewater	NJ	
Dunning	Michael	Orrington	ME	
Dunson-Todd	Malcolm	Belfast	ME	
Duperry	Ryan	Clinton	ME	
Duplissie	Mason	Milford	ME	
Dupont	Taylor	North Berwick	ME	
DuPont	Tyler	Bucksport	ME	
Durrah	Abigail	Hampden	ME	
Dustin	Zane	Hebron	ME	
Dutton	Kyle	Westford	MA	
Dye	Jarod	Hallowell	ME	
Dyer	Alexandra	Belgrade	ME	
Dyer	Guthrie	Portland	ME	
Dyer	Rachael	Westbrook	ME	
Earl-Johnson	Dylan	Topsham	ME	
East	Alyson	Calais	ME	
Eaton	Miles	Kennebunkport	ME	
Ebihara	Tomohiro	Lexington	MA	
Edgar	William	South Portland	ME	

Edmondson	Mimi	North Yarmouth	ME	
Egeland	Dylan	Scarborough	ME	
Elkin	Daeghan	Sidney	ME	
Elkins	Abigail	Hampden	ME	
Elliott	Abigail	Bangor	ME	
Elliott	Allysah	South Paris	ME	
Elliott	Samuel	Blue Hill	ME	
Ellis	Micaela	Brooks	ME	
Elmiligy	Asmaa	Norwood	MA	
Elwell	Lydia	Hartland	ME	
Elz Hammond	Emma	Old Town	ME	
Emerich	Rachel	Lincoln Park	NJ	
Emerson	Andrew	Bangor	ME	
Emerson	Brandon	Augusta	ME	
Emerson	Kourtney	Hermon	ME	
Emerson	Kyle	Dexter	ME	
Emmons	Cameron	Richmond	ME	
Engholm	Jack	York	ME	
Eno	Stephen	Brunswick	ME	
Enrico	Blake	Freeport	ME	
Epstein	Zachary	Madawaska	ME	
Erlandson	Tatum	Durham	ME	
Esposito	Joseph	Portland	ME	
Estes	Alan	Newburyport	MA	
Etro	Isabella	Eliot	ME	
Evangelista	Shania	Old Orchard Beach	ME	
Evans	Jesse	Cross Junction	VA	
Evans	Sean	Kittery Point	ME	
Everett	Emma	Presque Isle	ME	
Everett	Tyler	Waterboro	ME	

Fahey	Amy	Bangor	ME	
Falkie	Hanna	Orono	ME	
Falkin	Amy	Roswell	GA	
Farragher-Gemma	Laura	Millis	MA	
Farrell	Kensington	Framingham	MA	
Farrin	Abigail	Jefferson	ME	
Farrington	Adam	Brewer	ME	
Farrington	Cierra	West Baldwin	ME	
Farrington	Grace	Millinocket	ME	
Farrington	Keegan	Lincoln	ME	
Farrington	Koby	Lincoln	ME	
Farrington	Shawn	Brewer	ME	
Farstad	Benjamin	Schenectady	NY	
Fasano	Julia	Jefferson	ME	
Faucher	Megan	Falmouth	ME	
Feenstra	Rachel	Ellington	CT	
Feeny	Chloe	Cochranville	PA	
Feero	Keegan	Old Town	ME	
Fekete	Lelia	Crystal	ME	
Feldman	Daniel	Bowdoinham	ME	
Felix	Nicole	Lynn	MA	
Fellows	Mitchell	Readfield	ME	
Ferguson	Julianna	Sandwich	MA	
Ferguson	Quinn	Poland	ME	
Fernald	Ian	Phippsburg	ME	
Ferrante	Noah	Portland	ME	
Ferrara	Jack	Stratford	CT	
Ferruolo	Nicholas	Wallingford	CT	
Ferris	Brooke	Brookfield	CT	
Fickett	Joshua	Orono	ME	

Fielding	Cassidy	South Portland	ME	
Finnemore	Kate	Caribou	ME	
Fischer	Anna	Arlington	VT	
Fishburn	Hannah	Charleston	ME	
Fisher	Zachary	Old Town	ME	
Fitzpatrick	Julianne	Wells	ME	
Flaherty	Brendan	Acton	MA	
Flaherty	Chase	Saint George	ME	
Flanagan	Benjamin	Brunswick	ME	
Flanders	Ashley	Belfast	ME	
Flannery	Alexander	Hampden	ME	
Flannery	Miranda	Presque Isle	ME	
Flegel	Gabriel	Bucksport	ME	
Flessen	Ivy	Batavia	IL	
Fletcher	Nicole	Winslow	ME	
Flubacher	Liam	Winter Harbor	ME	
Fluet	Zoe	Cumberland Center	ME	
Flynn	Jillian	Caribou	ME	
Flynn	Liam	Raymond	ME	
Fogarty	Kelly	Walpole	MA	
Fogarty	Trevor	Dexter	ME	
Foley	Aine	Montville	ME	
Foley	Jackson	Eliot	ME	
Folger	Hannah	South Berwick	ME	
Follansbee	Katherine	Scarborough	ME	
Fong	Tristan	Hope	ME	
Ford	Elena	Presque Isle	ME	
Ford	Katelyn	Presque Isle	ME	
Fortier-Brown	Adam	Randolph	ME	
Foss	Allyn	Solon	ME	

Foss	Jacob	Livermore	ME	
Fossier	Mitchell	Alpharetta	GA	
Fournier	Emma	Turner	ME	
Fournier	Jordan	Buxton	ME	
Fournier	Nicholas	Bangor	ME	
Fox	Jacob	Enfield	NH	
Foye	Madison	Kittery	ME	
Frank	Samantha	Windham	ME	
Franklin	Amy	Bath	ME	
Fraser	Darcey	Plymouth	ME	
Fratzke	Emily	Murrieta	CA	
Freedman	Jamison	Eddington	ME	
Freeman	Emma	Scarborough	ME	
Freudenberger	Laura	Palmyra	ME	
Friars	Abbey	Port Williams	NS	Canada
Frisard	Meghan	Worcester	MA	
Fudge	Cameron	Farmingdale	ME	
Furrow	Trudy	Bangor	ME	
Gagne	Cassidy	Barrington	NH	
Gagne	Emily	Raymond	ME	
Gagne	Tyler	South Portland	ME	
Gagner	Amelia	Durham	CT	
Gagner	Kayla	Gorham	ME	
Gallagher	Colleen	Attleboro	MA	
Gallant	Austin	Gray	ME	
Gallant	Cole	Brookline	NH	
Galli	Michael	South Hamilton	MA	
Ganz	Finley	Union	ME	
Ganzel	Tabetha	Linneus	ME	
Garand	Melissa	Manchester	ME	

Gardner	Christianna	Easthampton	MA	
Gardner	Faith	Walpole	NH	
Gardner	Hope	Walpole	NH	
Gardner	Ryan	Brewer	ME	
Garfield	Jeffrey	Lowell	ME	
Garfield	Nicholas	Lowell	ME	
Garland	Roy	Scarborough	ME	
Garmony	Raquel	Hillside	NJ	
Garner	Emma	Sandown	NH	
Garuti	Anthony	Nashua	NH	
Gautrau	Margaret	Old Town	ME	
Gayer	Nicholas	Vassalboro	ME	
Gayton	Dominic	Calais	ME	
Gayton	Kayla	Sabattus	ME	
Gazura	Kaylie	Setauket	NY	
Geary	Sean	Exeter	NH	
Gebhart	Jacob	Cranston	RI	
Geffken	Maximilian	Orono	ME	
Geiser	Breannah	Dedham	ME	
Georges	Marie-France	Orono	ME	
German	Laurine	South Portland	ME	
Ghikas	Olivia	North Andover	MA	
Giffault	Paige	Stonington	CT	
Gifford	Miranda	Bradley	ME	
Giglio	Mary	Falmouth	ME	
Giguere	Arianna	Westbrook	ME	
Gilbert	Matthew	Hollis Center	ME	
Gilbert	Shanay	Hallowell	ME	
Gilboe	Austin	Jay	ME	
Giles	Mitchell	Gray	ME	

Gillen	Elizabeth	Blaine	ME	
Gillert	Nicholas	Yarmouth	ME	
Gilmore	Emily	Holden	ME	
Gilmour	Alyssa	Cato	NY	
Girardin	Alicia	Worcester	MA	
Girgis	Jacob	Madison	ME	
Girgis	Joshua	Madison	ME	
Giroux	Brendon	Richmond	VT	
Glatter	Ella	Houlton	ME	
Gleason	Kyle	Sidney	ME	
Glidden	Abigail	Lee	ME	
Glidden	Abigail	Palermo	ME	
Gluchanicz	Alice	New Harbor	ME	
Gluckman	Danielle	Deerfield	IL	
Godbout	Nathan	Hebron	ME	
Godin	Melodie	Orono	ME	
Godino	Caley	Revere	MA	
Goff	Brandon	Monmouth	ME	
Gogan	David	Houlton	ME	
Goins	Faythe	Elgin	SC	
Gold	Daniele	Southwick	MA	
Gonyar	Allison	Bangor	ME	
Gonyea	Keely	Hermon	ME	
Gonzalez	Emma	Maryville	TN	
Good	Elyse	Walpole	MA	
Goodenough	Bryant	Eliot	ME	
Goodine	Devanne	Warwick	RI	
Goodwin	Chelsie	Alfred	ME	
Gordon	Connor	Orono	ME	
Gordon	Jannelle	Lawrence	MA	

Gorney	Emily	Sanbornville	NH	
Gottwalt	Catherine	Mound	MN	
Gould	Antyna	Washington	ME	
Goulding	Jennifer	Groton	MA	
Goulet	Sadie	Wales	ME	
Goulette	Spencer	York	ME	
Graham	Rachel	Walpole	MA	
Graham	Vanessa	Bangor	ME	
Grallert	Sophia	Lewiston	ME	
Gramse	Matthew	Falmouth	ME	
Gramse	Michael	Falmouth	ME	
Granquist	Sojourn	West Farmington	ME	
Grant	Allison	Berwick	ME	
Grass	Meagan	Orrington	ME	
Grassa	Allison	Milton	MA	
Grau	Stefanie	Eschach		Germany
Gray	Anthony	Orono	ME	
Gray	Chloe	Saco	ME	
Gray	Kayla	Verona Island	ME	
Greaton	Stephanie	Hermon	ME	
Greco	Clifford	Greene	ME	
Green	Adam	Bangor	ME	
Green	Adam	Winslow	ME	
Green	Kendra	Old Town	ME	
Green	Sydney	Manchester	ME	
Greenawalt	Kayla	Orono	ME	
Greene	Aoife	Waterford		Ireland
Greenlee	Aidan	Cumberland Center	ME	
Greenlee	Liam	Cumberland Center	ME	
Greenwood	Luke	Livermore	ME	

Grennon	Christopher	Cape Elizabeth	ME	
Gresh	John	Raymond	ME	
Grey	Audrey	Cape Elizabeth	ME	
Greystone	Garrett	Andover	MA	
Griffin	Avry	Bethel	ME	
Griffin	Joseph	Middleton	MA	
Griffin	Sara	Parlin	NJ	
Griffith	Thomas	Orono	ME	
Grindle	Ila	Bucksport	ME	
Grindle	Kaylee	Bucksport	ME	
Groening	Patrick	Belfast	ME	
Grogan	John	Holden	MA	
Grondin	Sarah	Falmouth	ME	
Grover	Hayle	Swanville	ME	
Gudde	Madeline	Caribou	ME	
Guiggey	Olivia	Carmel	ME	
Guillemette	Mair	Manchester	ME	
Guimond	Andrew	Saint Agatha	ME	
Guimond	Dominic	Portland	ME	
Gundlach	Chelsey	Norwood	MA	
Guy	Brianna	Fitchburg	MA	
Guzman	Silvia	Milford	ME	
Haas	Derek	Old Town	ME	
Hacker	Benjamin	Beverly	MA	
Haded	Rebecca	Burlington	MA	
Hafner	Justin	Queensbury	NY	
Hagin	Amber	Warren	ME	
Haines	Savannah	Westport	MA	
Hale	Zachary	Fairfield	ME	
Haley	Casco	Amherst	ME	

Hall	Allana	New Milford	CT	
Hall	Jacob	Old Town	ME	
Hall	Rachael	Brewer	ME	
Hall	Ronald	Cushing	ME	
Haller	Jack	Easton	CT	
Hallowell	Angela	Presque Isle	ME	
Hallowell	Sydney	Cape Elizabeth	ME	
Hamalainen	Natalie	Camden	ME	
Hamblet	Trevor	Fairfield	ME	
Hamel	Ryan	Palermo	ME	
Hamilton	Joshua	Alton	ME	
Hamm	Taylor	Orono	ME	
Hammes	Theresa	Millersville	PA	
Hammond	Brooke	Frankfort	ME	
Hammond	Sarah	Auburn	ME	
Hammontree	Ryan	Falmouth	ME	
Hanafin	Thomas	Burlington	MA	
Hanley-Miller	Annie	Durham	NH	
Hannan	Alicia	Buxton	ME	
Hanscom	Darren	Orrington	ME	
Hansen	Jens	Augusta	ME	
Hanson	Emily	Gray	ME	
Hanson	Thomas	Brunswick	ME	
Hanzl	Evan	Lebanon	ME	
Harding	Marcus	Wells	ME	
Hargreaves	Abigayle	Concord	CA	
Harling	Mitchell	Durham	NH	
Harmon	Natalie	Fayette	ME	
Harmon	Rachel	Hodgdon	ME	
Harmon	Sierra	Winslow	ME	

Harnden	Alexandra	Strong	ME	
Harper	Josephine	Maxfield	ME	
Harriman	Emily	Belfast	ME	
Harriman	John	Orrington	ME	
Harrington	Kayla	Pelham	NH	
Harrington	Raegan	Orono	ME	
Harris	Bryan	Lake Hopatcong	NJ	
Harris	Carli	Shrewsbury	MA	
Harris	Jacquelyn	Gorham	ME	
Harris	Justin	South China	ME	
Harris	Tyler-Ann	Milford	ME	
Harrison	Leah	Freeport	ME	
Hartin	Mataya	Crystal	ME	
Hartt	Dale	Veazie	ME	
Hartwell	Abigail	Billerica	MA	
Hase	Niklas	Buxton	ME	
Hashmi	Mohammad	Veazie	ME	
Hatch	Peter	Acton	MA	
Hatfield	MacKenzie	Danville	NH	
Hatt	Rebecca	Lincoln	ME	
Haughton	Austin	Kingston	MA	
Haverly-Johndro	Brody	Newport	ME	
Havey	Heather	Franklin	ME	
Haviland	Lucan	Norway	ME	
Hayden	Thomas	Litchfield	ME	
Hayes	Emily	Auburn	ME	
Hayes	Emily	New Hyde Park	NY	
Hayes	Kaylee	North Waterboro	ME	
Heath	Emmitt	Belgrade	ME	
Heath	Josie	Augusta	ME	

Hebert	Evan	Madawaska	ME	
Hebert	Taylor	Windham	ME	
Hedrick	Tina	Delta	PA	
Heffernan	Courtney	Biddeford	ME	
Hein	Jill	Holden	ME	
Hellum	Melinda	Searsport	ME	
Henderson	Jessup	Old Town	ME	
Hepburn	Chlothilde	Eliot	ME	
Hepler	Irja	Orono	ME	
Herbert	Alexander	Westbrook	ME	
Hermann	Daniel	Houlton	ME	
Herrschaft	Gene	Portland	ME	
Herzog	Marta	Presque Isle	ME	
Hess	Katie	Danville	PA	
Heyden	Deborah	Carmel	ME	
Hichens	Emma	Eliot	ME	
Hickey	Lauren	Westbrook	CT	
Hicks	Tyler	Gray	ME	
Higgins	Alexandrea	Bangor	ME	
Hill	Alexandria	Millis	MA	
Hill	Cassidy	Searsmont	ME	
Hill	Connor	New Haven	VT	
Hill	Ethan	Old Town	ME	
Hillery	Caitlin	Glenburn	ME	
Hilliard	Willem	Blue Hill	ME	
Hilt	Alexia	Friendship	ME	
Hindle	Emily	Orono	ME	
Hindley	Zachery	Freeport	ME	
Hines	Emma	Portland	ME	
Hodge	Emma	East Hampstead	NH	

Hodgkins	Anna	Hallowell	ME	
Hofacker	Nicole	Greene	ME	
Hoffman	Colleen	Jim Thorpe	PA	
Hogan	Audrey	Tomball	TX	
Holbrook	Victoria	Amesbury	MA	
Hollstein	Jeffrey	Pembroke	MA	
Holman	Zachary	Mount Vernon	ME	
Holmberg	David	Orono	ME	
Holmes	Kailey	Eddington	ME	
Holt	Samuel	Orono	ME	
Holyoke	Emelynn	Brewer	ME	
Holyoke	Kyle	Brewer	ME	
Hong	Donghui	Guangzhou		China
Hooke	Steven	Bangor	ME	
Horne	Joshua	Jay	ME	
Horovitz	Jane	Washington	ME	
Horrigan	Shae	Sanford	ME	
Horton	Camilla	North Yarmouth	ME	
Horton	Haley	South Berwick	ME	
Houdlette	Taylor	Dresden	ME	
Hougham	Jacob	Limerick	ME	
Houp	Ashley	Saco	ME	
Houp	Lindsay	Brewer	ME	
Houp	Megan	Hampden	ME	
Howe	Abigail	Southwick	MA	
Howe	David	Stow	MA	
Howell	Megan	Mount Desert	ME	
Howes	Lanie	Athens	ME	
Hoyle	Audrey	Alfred	ME	
Hoyle	Faith	Alfred	ME	

Hubbard	Lauren	Augusta	ME	
Huff	James	Sullivan	ME	
Hughes	Amanda	Eddington	ME	
Hughes	Krista	Bangor	ME	
Hughes	Mariah	Dexter	ME	
Hunt	Kimberly	Corea	ME	
Hunter	Michael	Caribou	ME	
Huntley	Emma	Machiasport	ME	
Hurley	Breana	Chester	NH	
Hurley	Madison	Arlington	MA	
Hurley	Patrick	Medford	NJ	
Hurrell	Megan	Saco	ME	
Hussey	Karah	Hudson	ME	
Hutchins	Andrew	Alna	ME	
Hutchinson	Courtney	Bangor	ME	
Hutchinson	Emma	Topsham	ME	
Hutchinson	Jessie	Wilton	ME	
Huth	Kendra	Beverly	MA	
Huynh	Nguyen	Corinna	ME	
Hyde	Courtney	Veazie	ME	
Iasenytska	Iaryna	Kyiv		Ukraine
Ingalls	Colin	Bowdoin	ME	
Ingalls	Rachel	Hermon	ME	
Ingram	Matthew	Winthrop	ME	
Irvine	Abigail	Seal Cove	ME	
Irvine	Clara	Farmingdale	ME	
Iverson	Erin	Levant	ME	
Jackson	Carly	Amherst	NS	Canada
Jackson	Emily	Otisfield	ME	
Jackson	Madalyn	Old Town	ME	

Jackson	Marcilla	Old Town	ME	
Jackson	Stephen	Orono	ME	
Jacobs	Morgan	Topsham	ME	
Jacques	Jessica	North Reading	MA	
Jacques	Miranda	Manchester	NH	
Jakamo	Mintesenot	Orono	ME	
James	Matthew	Milton	MA	
Jameson	Mitchell	Bangor	ME	
Jammeh	Amanda	Brewer	ME	
Jarosz	Danielle	Wells	ME	
Jasenski	Jessica	Tolland	CT	
Jawad	Ali	Multan		Pakistan
Jeffrey	Benjamin	Orrington	ME	
Jenkins	Jordan	Greenville	RI	
Jennings	Leah	Holden	ME	
Jensen	Nicholas	Kennebunk	ME	
Jeppson	Jon	Durham	ME	
Jerome	Evangeline	Orono	ME	
Jiang	Yujie	Orono	ME	
Jipson	Kaylee	Auburn	ME	
Johnson	Alexis	Lebanon	CT	
Johnson	Cassandra	Warren	PA	
Johnson	Cory	Camden	ME	
Johnson	Dean	Springvale	ME	
Johnson	Garrett	Bangor	ME	
Johnson	Kirsten	Orono	ME	
Johnson	Michael	Orono	ME	
Johnson	Rachel	South Thomaston	ME	
Johnson	Samuel	Mount Desert	ME	
Joliat	Melody	Holden	ME	

Jolicoeur	Marisa	Waterville	ME	
Jonasson	Chloe	Rockland	ME	
Jones	Ezra	Bangor	ME	
Jones	Jamie	Bangor	ME	
Jones	Maria	East Machias	ME	
Jones	Zachary	Bangor	ME	
Jordan	Hanna	Surry	ME	
Jordan	Katelyn	Hampden	ME	
Jordan	Nathaniel	Scarborough	ME	
Jordan	Nicholas	Waltham	ME	
Jorge	Madalyn	Ayer	MA	
Joseph	Sophie	Kennebunk	ME	
Josselyn	Courtney	Mechanicsburg	PA	
Jourdain	Emmaeve	Becket	MA	
Joy	Jarrold	Brewer	ME	
Judkins	Jordyn	Deer Isle	ME	
Judkins	Robert	Hampden	ME	
Jurlina	Antonio	Old Town	ME	
Juszczak	Allison	York Beach	ME	
Justice	Braden	Ogunquit	ME	
Kalmus	Jordan	Brookfield	CT	
Kane	Ian	Fairport	NY	
Karam	Abram	Bangor	ME	
Karam	Gabriel	Bangor	ME	
Karas	Hanna	Sheffield	MA	
Karchenes	Tanager	Stratton	ME	
Karparis	Daniel	Plympton	MA	
Karris	Alexander	Hampden	ME	
Karunasiri	Chathu	Caribou	ME	
Karunasiri	Chaya	Caribou	ME	

Kasavicha	Hayden	Blythewood	SC	
Kashkooli	Maryam	Bangor	ME	
Kasperek	Catherine	Milford	NH	
Kauppila	Wesley	Newburgh	ME	
Kavanah	Camille	Readfield	ME	
Kavanah	Grace	Readfield	ME	
Kay	John	Hingham	MA	
Kayser	Ashley	Kennebunk	ME	
Keaton	Joanna	North Reading	MA	
Keegan	Colleen	Kennebunk	ME	
Keeley	Anna	Kents Hill	ME	
Keezer	Kyle	Winthrop	ME	
Keiper	Amelia	Brunswick	ME	
Kelleher	Bradley	Amesbury	MA	
Keller	Frank	Scarborough	ME	
Kelley	Brian	Windham	ME	
Kelley	Grace	Winfield	IL	
Kelley	Kaitlin	Glenburn	ME	
Kemble	Peter	Bangor	ME	
Kendezi	Petrit	Yarmouth	ME	
Kennedy	Alexander	Plaistow	NH	
Kennedy	Kelli	Milbridge	ME	
Kent	Stephen	Bowdoin	ME	
Kerrigan	Kaitlyn	Monmouth	ME	
Kershner	Noah	Newport	ME	
Kerwin	Jillian	Peabody	MA	
Ketch	Jacob	Bradley	ME	
Keydel	Oscar	South Burlington	VT	
Khiyara	Ines	Crisnee		Belgium
Kiah	Robert	Holden	ME	

Kieu	Khoa	Da Nang		Viet Nam
Kiidli	Taaniel	South Portland	ME	
Kimble	Madeline	Avon	OH	
King	Ali	Old Town	ME	
King	Bryan	Stillwater	ME	
King	Jessica	Fairfax	VT	
King	Kristina	Bar Harbor	ME	
King	Samantha	Fairfield	ME	
Kirbach	Anastasia	Bangor	ME	
Klebon	Kathryn	Newark	DE	
Kleinhouse-Goldman	Tal	Nir Moshe		Israel
Kleisinger	Shayla Rose	Winnipeg	MB	Canada
Klose	Rachael	Bethlehem	PA	
Knafl	Meija	Ann Arbor	MI	
Knarr	Derek	Old Town	ME	
Knight	Dustin	Berwick	ME	
Knight	Rachel	Dixfield	ME	
Knowlton	Brandin	Oxford	ME	
Kocik	Joshua	Hampden	ME	
Kolenovic	Deanna	Montclair	NJ	
Kolesnikova	Elena	Moscow		Russian Federation
Koller	Angus	Monmouth	ME	
Kollman	Reginald	Bangor	ME	
Koneff	Caleb	Alton	ME	
Korpaczewski	Summer	Sanford	ME	
Kowash	Christopher	Saco	ME	
Kowash	Michael	Saco	ME	
Koza	Dylan	Raymond	ME	
Krause	Thomas	Fort Fairfield	ME	
Kraushaar	Aspen	Newtown	CT	

Krichels	Stephen Thomas	Surry	ME	
Kriebisch	Annalena	Hennef		Germany
Krull	Jacob	Westbrook	ME	
Kucera	Brittany	Toronto	ON	Canada
Kucia	Samuel	Farmington	CT	
Kugell	Julia	Oxford	ME	
Kukk	Kora	Brookfield	CT	
Kulinski	Anna	Monmouth	ME	
Kurmin	Andrew	Marshfield	MA	
Kuusela	Branden	Gorham	ME	
Kwiatkowski	Zane	Marietta	GA	
Labbe	Desiree	North Waterboro	ME	
Labelle	Makayla	Corinth	ME	
Labun	Michael	Hampden	ME	
Lacadie	Tyler	Old Town	ME	
Ladderbush	Emily	Lynn	MA	
Lafevers	Orie	Hampden	ME	
LaFrance	Garrett	Alfred	ME	
LaFrance	Joanna	Alfred	ME	
LaFrance	Sophia	Alfred	ME	
Lagerstrom	Emily	Presque Isle	ME	
Lagerstrom	Lindsey	Presque Isle	ME	
LaGross	Ryan	Palmyra	ME	
Lajeunesse	Peter	South Berwick	ME	
LaJoie	Nicholas	Van Buren	ME	
Lamb	Jada	Poland	ME	
Lambert	Parker	Presque Isle	ME	
Lambrecht	Mark	Kittery Point	ME	
Lammers Lisnet	Natalie	Bangor	ME	
Lamonica	Bria	Blackwood	NJ	

Lamoureux	Briana	Kittery	ME	
Lamphear	Westley	Inlet	NY	
Lancaster	Joseph	Scarborough	ME	
Landry	Dylan	Weare	NH	
Landry	Taylor	Auburn	ME	
Lane	Anna	York	ME	
Lang	Tyler	Manchester	ME	
Langlois	Connor	Scarborough	ME	
Lanham	Taylor	Orono	ME	
Laperle	John	Berlin	VT	
LaPiere	Teagan	Bangor	ME	
Laplante	Erica	Scarborough	ME	
Lapointe	Brandon	Skowhegan	ME	
LaPointe	Evan	Minot	ME	
Lappin	Olivia	Scarborough	ME	
Larence	Ciara	Northbridge	MA	
Larochelle	Katherine	Brewer	ME	
Laszlo	Cheyenne	Woodland	ME	
Latario	Sarah	Groton	MA	
Lau	Jordan	Auburn	ME	
Lauria	Autumn	Armonk	NY	
Laverdiere	Amanda	Orono	ME	
Lavigueur	Beatrix	Newport	RI	
Lavina	Antonia	Georgetown	MA	
Lavoie	Lydia	Winthrop	ME	
Lavoie	Matthew	Wells	ME	
Lavway	Ryan	Mapleton	ME	
Lawler	Marshall	Pittsfield	ME	
Lawrence	Rochelle	Hampden	ME	
Le	Jasmin	Lisbon	ME	

Leach	Madison	Easton	ME	
Leary	Benjamin	Saco	ME	
Leavitt	Jesse	Standish	ME	
Leber	Lauren	Orono	ME	
LeBlanc	Christina	Wells	ME	
LeBlanc	Forest	Oakland	ME	
LeBlond	Joseph	Scarborough	ME	
LeClair	Aidan	Newtown	PA	
LeClair	Allison	Winslow	ME	
Leclair	Joseph	Fairfield	ME	
Leclerc	Nicholas	Camden	ME	
Lee	Andrew	East Waterboro	ME	
Lee	Brooke	Bangor	ME	
Lee	Gabriella	Bangor	ME	
Lee	Jacynda	Bangor	ME	
Lee	Jennifer	Framingham	MA	
Lee	Vanessa	Richmond	ME	
Leerburger	Kaitlyn	Riva	MD	
Lees	Charles	Saco	ME	
Legere	Jenna	Milford	ME	
Leighton	Wendy	New Gloucester	ME	
Lelievre	Jacob	Lebanon	ME	
Lelio	Danielle	Lee	NH	
Leman	Ava	South Berwick	ME	
Lemoine	Owen	Saco	ME	
Lenentine	Taylor	Sidney	ME	
Lenfest	Eben	Smithfield	ME	
Lengyel	Maddison	South Portland	ME	
Lenson	Samuel	Natick	MA	
Leonard	Erika	Rocky Hill	CT	

Leonard	Kaitlynn	Rutland	MA	
Leonard	Sarah	Brewster	MA	
Lessard	Makayla	Unity	ME	
Lessard	Trevor	Greene	ME	
Lester	Nicole	Winterport	ME	
Levasseur	Eric	Medway	ME	
Levesque	Christine	Bowdoin	ME	
Levy	Ethan	Saco	ME	
Lewis	Alexandra	Raymond	ME	
Lewis	Alyssa	Scarborough	ME	
Lewis	Emily	Liberty	ME	
Lewis	Nadine	Ellsworth	ME	
Leydon	Connor	Kingston	MA	
Libby	Alyssa	Buxton	ME	
Libby	Sadie	Skowhegan	ME	
Libby	Thomas	Camden	ME	
Ligon	Stella	Hancock	ME	
Lilley	Tessa	Hampden	ME	
Lilly	Chloe	Monmouth Beach	NJ	
Lima	Kyle	Ellsworth	ME	
Limewood	Alexyss	Bonaire	GA	
Lin	Wei	Millinocket	ME	
Lindblad	Emma	Russell	ON	Canada
Lindsay	Alexis	Orrington	ME	
Lindsay	Benjamin	Scarborough	ME	
Lindsley	Spencer	Bath	ME	
Lindsley	Tessa	Bath	ME	
Ling	Thomas	Bangor	ME	
Linkletter	Zachary	Athens	ME	
Little	Laya	Orono	ME	

Littlefield	Briana	Freedom	ME	
Livingston	Makayla	Danville	NH	
Loewen	Matthew	Farmington	ME	
Logan	Madeline	Buxton	ME	
Long	Jordyn	Limington	ME	
Longfellow	Steven	Farmingdale	ME	
Lord	Rebecca	Gorham	ME	
Lord	Thomas	Yarmouth	ME	
Loseby	Justin	White River Junction	VT	
Love	Delaney	Old Town	ME	
Loveless	Noah	Granby	CT	
Lovely	Emmaline	Lebanon	ME	
Lovley	Jamie	Owls Head	ME	
Lowry	Heather	Alstead	NH	
Luc	Rachel	Bangor	ME	
Luce	Sean	Gorham	ME	
Lueders	Emma	Canton	ME	
Luksevish	Sage	Burlington	VT	
Lunn	Johanna	Bangor	ME	
Lunn	Nicholas	Old Town	ME	
Lupien	Claire	Waldoboro	ME	
Luther	Alanna	Skowhegan	ME	
Lydick	Victoria	Saint John	IN	
Lynes	Brady	Westbrook	ME	
Lynn	Joshua	Wilbraham	MA	
Lyons	Amy	Brunswick	ME	
Lyons	Felicia	New Gloucester	ME	
MacCallum	Jacqueline	Presque Isle	ME	
Mace	Kelby	Readfield	ME	
MacGregor	Molly	Peabody	MA	

Machesney	Leala	Southwick	MA	
Macneil	Brenna	Harrison	ME	
Macomber	Colin	Kittery Point	ME	
MacVane	William	Sykesville	MD	
Madden	Erik	Oxford	CT	
Madden	Patrick	Washington	ME	
Maddix	Hannah	Saco	ME	
Magee	Sarah	Gilmanton	NH	
Magnan	Maria	Enosburg Falls	VT	
Magnani	Ralph	Southwest Harbor	ME	
Magnuson	Lauren	South Portland	ME	
Mahoney	Ashley	Hampden	ME	
Mahoney	Erin	Portland	ME	
Maier	Michael	Thornton	NH	
Mailman	Jason	Essex Junction	VT	
Maines	Nicole	Portland	ME	
Malfitano	Nicolette	Watertown	CT	
Mallett	Samuel	Lee	ME	
Maloy	Maggie	Biddeford	ME	
Malpica	Henrick	North Haledon	NJ	
Malvin	Jacqueline	Greenbush	ME	
Mandeville	April	Hooksett	NH	
Manley	Mary-Margaret	Manchester	ME	
Mann	Courtney	Greenville	ME	
Manson	Hillary	Corinna	ME	
Mansour	Isaiah	Fairfield	CT	
Manter	Kerrigan	Caribou	ME	
Mantoni	Michael	Blackstone	MA	
Manzo	Katelyn	Etna	ME	
Marchi	Andrew	Falmouth	ME	

Marcotte	Jonathan	Bangor	ME	
Margerison	Heather	Durham	ME	
Marin	Trevor	Benton	ME	
Maroon	Cody	Winslow	ME	
Marques	Nicole	Ellington	CT	
Marshall	Charles	White Hall	MD	
Marshall	Evan	Bangor	ME	
Martel	Andrew	Steep Falls	ME	
Martell	Spencer	Guilford	ME	
Martin	Chelsea	Poland	ME	
Martin	Corinne	Belmont	ME	
Martin	Elijah	Manassas	VA	
Martin	Joshua	Farmington	CT	
Martin	Lauren	Bradley	ME	
Martin	Paige	Bath	ME	
Martin	Rachel	Bradley	ME	
Martin	Tennyson	Bangor	ME	
Mascarenhas	Cassandra	Mississauga	ON	Canada
Mason	Clayton	Rutland	MA	
Mason	Ethan	Orange	CT	
Massaad	Patrick	Machiasport	ME	
Masse	Libbey	Brunswick	ME	
Mathieu	Ethan	Sanford	ME	
Matson	Katherine	Englewood	CO	
Matson	Samantha	Needham Heights	MA	
Mattson	Gregory	Westminster	MA	
Maurer	Jonathan	Old Town	ME	
May	Miriam	Dennis	MA	
Mayberry	Mikayla	Portland	ME	
Mayers	BrieAnn	Damascus	PA	

Mayo	Douglas	Bridgton	ME	
Mazur	Kaitlyn	Sorrento	ME	
McCarthy	Logan	South Portland	ME	
McCaslin	Hunter	Winslow	ME	
McCurdy	Annalise	Lawrence	KS	
McDonald	Catherine	Jonesport	ME	
McEachern	Courtney	Medfield	MA	
McGillivray	Megan	Regina	SK	Canada
McGilvery	Reilly	North Berwick	ME	
McGinty	Ryan	Cumberland Center	ME	
McGlynn	Alyssa	Westwood	NJ	
McGrath	Nicole	Old Town	ME	
McInnis	Tim	Portland	ME	
McKay	Quinn	Bangor	ME	
McKay	Reyleigh	Scarborough	ME	
McKay	Riley	Bangor	ME	
McKinney	Marc	Belfast	ME	
McKinney	Tracey	Belfast	ME	
McLaughlin	Benjamin	Manchester	ME	
McLaughlin	Emily	Hudson	MA	
McLaughlin	Kalee	Old Town	ME	
McLean	Cyrus	Chebeague Island	ME	
McLellan	Connor	Freeport	ME	
McLeod	Ryann	Rutland	VT	
McMillan	Anna	Brunswick	ME	
McMinis	Bennie	Wells	ME	
McNally	Michael	Moscow	ME	
McNally	Nicole	Kittery	ME	
McNally II	Jeffrey	Gorham	ME	
McNutt	Nathaniel	Norway	ME	

McPhail	Quinn	Windham	ME	
Meade	Julia	Skowhegan	ME	
Medeiros	Edward	Rehoboth	MA	
Medeiros	Max	Taunton	MA	
Meidahl	Hannah	Clinton	ME	
Menter	Alexander	Berwick	ME	
Merchant	Erin	Windham	ME	
Merchant	Taylor	Franklin	ME	
Merriam	Nicholas	Bar Harbor	ME	
Merrifield	Hilary	West Rockport	ME	
Merrill	Kaelie	Norridgewock	ME	
Merrill	Logan	Norridgewock	ME	
Merrow	Kevan	South Portland	ME	
Meserve	Arianna	South Paris	ME	
Meserve	Kayla	Jay	ME	
Messerman	Taylor	Brunswick	ME	
Messina	Nicholas	Derry	NH	
Meuse	Zachary	Atkinson	NH	
Michaud	Andrew	Presque Isle	ME	
Michaud	Rebecca	Carmel	ME	
Michaud	Sahvannah	Hermon	ME	
Mickiewicz	Jackman	South Portland	ME	
Mickles	John	Orono	ME	
Midura	Parker	Chelmsford	MA	
Miers	Jennifer	Ellsworth	ME	
Milan	Olivia	Brewer	ME	
Mildrum	Hannah	Falmouth	ME	
Mildrum	Samuel	Falmouth	ME	
Miles	Daniel	Acton	ME	
Miller	Caleb	Bowdoinham	ME	

Miller	Cassandra	Pittsfield	ME	
Miller	Cole	Hiram	ME	
Miller	Dylan	Auburn	ME	
Miller	Emily	Bowdoin	ME	
Miller	Hayden	Parkville	MD	
Miller	Michelle	Bangor	ME	
Miller	Nicole	Hudson	MA	
Millett	Jacob	Austin	TX	
Millett	Robert	Orono	ME	
Milliken	Brigitte	Bowdoinham	ME	
Milliken	Gregory	Orono	ME	
Mills	Matthew	Wiscasset	ME	
Milner	Carrie	Lincolntonville	ME	
Miner	Jordan	East Baldwin	ME	
Mininni	Anna	Biddeford	ME	
Misner	Alexander	Waterville	ME	
Mitchell	Sarah	Camden	ME	
Mitchell	Shawn	Minot	ME	
Mitman	Ivy	Strong	ME	
Molinero	William	Bangor	ME	
Molt	Logan	Orono	ME	
Monahan	Katarina	Eddington	ME	
Monk	Reid	Bangor	ME	
Montibello	Sean	Londonderry	NH	
Monto	Noah	Sanford	ME	
Moody	Briana	Mattawamkeag	ME	
Mooers	Patric	Lincolntonville	ME	
Moon	Molly	Bar Harbor	ME	
Mooney	Emily	Portland	ME	
Moore	Emily	Wrentham	MA	

Moore	Jessica	Radcliffe On Trent		United Kingdom
Moore	Samantha	Brunswick	ME	
Moran	Andrew	Randolph	ME	
Moran	Joshua	New Gloucester	ME	
Moran	Lindsey	Orono	ME	
Moreira	Alexander	Stillwater	ME	
Morgan	Abigail	Bowdoin	ME	
Morgan	Cara	Exeter	ME	
Morgan	Caroline	Reading	MA	
Morin	Allison	Parkman	ME	
Morin	Blaine	Sanford	ME	
Morin	Charis	Parkman	ME	
Morin	Megan	Hampden	ME	
Morin	Mikayla	South Paris	ME	
Morneault	Katherine	Hampden	ME	
Morneault	Madison	Winslow	ME	
Morneault	Sarah	Mapleton	ME	
Morrill	Aidan	Kittery	ME	
Morrill	Coulter	Gainesville	VA	
Morrill	Haley	Rangeley	ME	
Morris	Alexandra	East Walpole	MA	
Morrison	Blake	Ebeemee Township	ME	
Morrison	Tessali	Springvale	ME	
Morrison	Tian	Springvale	ME	
Morton	Kaeleigh	Yarmouth	ME	
Moseley	Kody	North Berwick	ME	
Mosher	Brianna	Monmouth	ME	
Moulton	Emma	Ipswich	MA	
Mount	Trevor	Long Valley	NJ	
Moyer	Nathaniel	Old Town	ME	

Muchemore-Allen	Steele	West Newfield	ME	
Muehlbauer	Keith	Apple Valley	MN	
Mulligan	Graham	Oakland	NJ	
Mundinger	Stephen	Smithtown	NY	
Munro-Ludders	Elijah	Standish	ME	
Munroe	William	Dunstable	MA	
Murchison	Carrie	Orono	ME	
Murdaugh	Shaina	East Machias	ME	
Murphy	Hannah	Trenton	ME	
Murphy	Olivia	Hudson	NH	
Murray	Lydia	Orono	ME	
Murray	Michaela	Orono	ME	
Murray	Theresa	Burlington	MA	
Musor	Jonathan	Bangor	ME	
Nadeau	Andrew	Alfred	ME	
Nadeau	Kaitlyn	Caribou	ME	
Nadeau	Samantha	Orono	ME	
Naglestad	Beate	Son		Norway
Nagy	Jason	Orono	ME	
Naisbitt	Lara	Blue Hill	ME	
Nason	Erin	Ellsworth	ME	
Nazar	Eleanor	Readfield	ME	
Neal	Irene	Aurora	ME	
Neil	Samuel	Mattawamkeag	ME	
Nelson	Cooper	Dover Foxcroft	ME	
Nelson	Haley	Scarborough	ME	
Nelson-Lee	Meryl	Jamestown	RI	
Neumann	Carson	Biddeford	ME	
Newcomb	David	Eatontown	NJ	
Nguyen	Duc	Ho Chi Minh City		Vietnam

Nguyen	Samantha	Bangor	ME	
Nichols	Annalyse	Bangor	ME	
Nichols	Emma	York	ME	
Nichols	Sarah	Brentwood	NH	
Nichols	Stephanie	Windham	ME	
Nickerson	Amanda	South Orleans	MA	
Nickerson	Gabrielle	Holden	ME	
Nickerson	Hannah	Holden	ME	
Nickerson	Shelby	Orono	ME	
Niehoff	Erin	Blue Hill	ME	
Nightingale	Lauren	Bangor	ME	
Nilsen	Leah	Little Egg Harbor Township	NJ	
Nisbet	Leanne	Swampscott	MA	
Nixon	Julia	Wells	ME	
Noble	Charlee	Norway	ME	
Noble	Sarah	Kittery	ME	
Nolan	Alison	Waldoboro	ME	
Nolan	Andrew	New Rochelle	NY	
Nolette	Victoria	Readfield	ME	
Norman	Justin	Sanford	ME	
Norris	Braydon	Holden	ME	
Norris	Emily	Orrington	ME	
Nutter	Lindsay	Plymouth	ME	
Nutting	Jared	Fairfield	ME	
Nygaard	Zane	Old Town	ME	
O'Brien	Aidan	Nobleboro	ME	
O'Brien	Shannon	Bradenton	FL	
O'Dowd	Kelly	Millis	MA	
O'Malley	Clíodhna	Stockport		United Kingdom
O'Neill	Meghan	Frisco	TX	

O'Rourke	Madison	Philadelphia	PA	
O'Shea	Miranda	Pownal	ME	
Oakes	Nichole	Brewer	ME	
Oberink	Sarah	Yarmouth	ME	
Oesterlin	Emilie	New Portland	ME	
Ohland	Lila	Camden	ME	
Oleson	Ashley	Ellsworth	ME	
Olivari	Meredith	Orono	ME	
Ollhoff	Stephanie	Niantic	CT	
Olmstead	Emma	Veazie	ME	
Olmsted	William	Warren	ME	
Olsen	Anna	Pittsfield	ME	
Olver	Thomas	Winterport	ME	
Ordway	Seth	New Gloucester	ME	
Oriente	Jessica	Jamison	PA	
Orlov	Alexander	Wayland	MA	
Orrego	Julie	Orono	ME	
Osborn	Jazzy	Bangor	ME	
Osborne	Annabelle	Hermon	ME	
Osmond	Damon	Bath	ME	
Ouellette	Emily	Fort Kent	ME	
Outwater	Timothy	Millbrook	NY	
Ovenden	Matthew	Groton	MA	
Overturf	Kaj	Corinth	ME	
Overturf	Tuuli	Corinth	ME	
Owens	Robert	Milford	ME	
Oyugi	Joshua	Orono	ME	
Ozog	James	Bangor	ME	
Pacholski	Maxwell	South China	ME	
Pacifico	Lindsey	Westford	MA	

Paetow	Sabrina	Topsham	ME	
Palangas	Thomas	Weare	NH	
Palken	Gregory	Northborough	MA	
Pallin	Monica	Freeport	ME	
Palmer	Kylie	Dixfield	ME	
Palmeter	Joshua	Orono	ME	
Palmeter	Zechariah	Orono	ME	
Pappalardo	Jake	Salem	NH	
Pappas	Jane	Bangor	ME	
Paradie	Emma	Auburn	ME	
Paradis	Alex	New Canada	ME	
Paradis	Daniel	Sidney	ME	
Parent	Isabel	Hamlin	ME	
Parent	Ryun	Raymond	ME	
Paris	Jonah	Falmouth	ME	
Paris	Nathan	Milford	ME	
Parker	Keith	Bangor	ME	
Parker	Serena	Farmingdale	ME	
Parkin	William	Turner	ME	
Parks	Jordan	Orono	ME	
Partyka	Samuel	Lexington	MA	
Passalacqua	Melina	Solon	ME	
Passarelli	Joshua	Scarborough	ME	
Patton	Joseph	Topsham	ME	
Paul	Ashley	Saco	ME	
Paul	Jenna	Arundel	ME	
Payal	Berkay	South Portland	ME	
Pazdziorko	Andrew	Winthrop	ME	
Peacock	Aidan	Pittsfield	ME	
Peacock	Mackenzie	Weare	NH	

Pearson	Courtney	Holden	ME	
Pease	Zachary	York	ME	
Peavey	Cameron	Raymond	ME	
Pedersen	Cory	Whitefield	ME	
Pelletier	Justin	Frenchville	ME	
Pelletier	Miles	Industry	ME	
Pelletier	Nicole	Brunswick	ME	
Penney	Sarah	South Thomaston	ME	
Peoples	Kyle	Gorham	ME	
Pepin	Taylor	Sanford	ME	
Perez	Faith	Clinton	MA	
Perkins	Bailey	Winterport	ME	
Perkins	Chandler	Exeter	ME	
Perkins	Christopher	Wiscasset	ME	
Perley	Emily	Carmel	ME	
Perrone	Estella	Cos Cob	CT	
Perry	Alexandra	Bangor	ME	
Perry	Ember	Orrington	ME	
Perry	Hailey	Hermon	ME	
Perry	Julia-Nicole	Mexico	ME	
Perry	Kathleen	Bow	NH	
Perry	Kayla	Eliot	ME	
Perry	Michael	Bow	NH	
Perry	Nathan	Eddington	ME	
Perry	Richard	Orrington	ME	
Perry	Simon	Keller	TX	
Peters	Hannah	Yarmouth	ME	
Peterson	Emma	Houlton	ME	
Petty	Jadon	Gray	ME	
Phillips	Micaela	Glenburn	ME	

Phillips	Sterling	Brewer	ME	
Phillips	Thomas	Elverson	PA	
Piccininni	Stephanie	Colonia	NJ	
Pierce	Emily	Barre	VT	
Pietri	Brooke	Old Town	ME	
Pike	Megan	Brewer	ME	
Pina	Jason	Monson	ME	
Pine	Alexis	Owls Head	ME	
Pinnette	Anthony	Waterville	ME	
Pinnette	Nicole	Waterville	ME	
Piper	Kathryn	Manchester	MD	
Pirruccello-McClellan	Aidan	Foster	RI	
Plescia	Alexander	Monroe	CT	
Plourde	Ethan	Bangor	ME	
Plourde	Kaitlin	Portland	ME	
Plunkett	Sarah	Old Town	ME	
Pluntke	Morgen	Solon	ME	
Poirier	Sarah	Biddeford	ME	
Poissonnier	Taylor	Sidney	ME	
Poland	Joshua	Augusta	ME	
Pollard	Mark	Old Town	ME	
Pontius	Kate	Portland	ME	
Poole	Nathaniel	South Berwick	ME	
Pooler	Emma	Fort Kent	ME	
Pooler	Renee	Caribou	ME	
Portante	Ariana	Brewster	NY	
Porter	Gianna	Whiting	ME	
Porter	Tate	Cumberland Center	ME	
Postell	Hanna	Presque Isle	ME	
Poulin	Ciera	Fairfield	ME	

Poulin	James	South China	ME	
Pratt	Mitchell	Hampden	ME	
Pratt	Richelle	Orono	ME	
Pratt-Holt	Nathan	Farmington	ME	
Preble	Lucas	Jay	ME	
Preble	Rachel	Safety Harbor	FL	
Prescott	Katherine	Houlton	ME	
Prescott	William	Orrington	ME	
Preston	Reese	Windham	ME	
Prevost	Nola	Brewer	ME	
Prewitt	Connor	York	ME	
Protheroe	Emily	South Thomaston	ME	
Pucci	Nicholas	Bangor	ME	
Pullano	Christopher	North Haven	CT	
Pullen	Michael	Oakland	ME	
Pumphret	Megan	Shrewsbury	MA	
Pushard	Benjamin	Brewer	ME	
Pushard	Matthew	Brewer	ME	
Pyke	Christopher	Sandwich	MA	
Quinlivan	John	Shrewsbury	MA	
Quirion	Briana	Benton	ME	
Raffalli	Jordan	North Andover	MA	
Raffier	Kaitlyn	Jacksonville	FL	
Rainey	Zoe	Manchester	NH	
Ramsay	William	South Berwick	ME	
Rand	Colby	Orrington	ME	
Raymond	Cameron	Lewiston	ME	
Raymond	Chloe	Glenburn	ME	
Raymond	James	Brewer	ME	
Raymond	Kaylyn	Hermon	ME	

Raymond	Kendra	Fort Kent Mills	ME	
Rea	Jackson	Pepperell	MA	
Reading	Liam	Bangor	ME	
Redding	Aidan	Bangor	ME	
Reddish	Courtney	Canton	MA	
Reed	Eva	Augusta	ME	
Reed	Joseph	Topsham	ME	
Reese	Helen	Bath	ME	
Reese	Olivia	Pittsford	NY	
Regan	Aidan	Cumberland Center	ME	
Regan	Julia	Quincy	MA	
Reichel	Melissa	Hampden	ME	
Renfro	Brian	Old Town	ME	
Reno	Emma	Brunswick	ME	
Rettig	Sarah	Londonderry	NH	
Reynolds	Abigail	Bangor	ME	
Reynolds	Ashley	Dexter	ME	
Reynolds	Emma	Frankfort	ME	
Rheinhardt	Jonathan	Succasunna	NJ	
Rhoads-Doyle	Jamison	Holden	ME	
Rhyder	Madison	Coplay	PA	
Ricciardi	Kimberly	Hermon	ME	
Richard	Samantha	Standish	ME	
Richards	Jordan	Orono	ME	
Richards	Kirsten	Trenton	ME	
Richardson	Jeremiah	Rumford	ME	
Richardson	Julia	Windham	ME	
Ricker	Samantha	Winterport	ME	
Rideout	Jack	Portland	ME	
Ridge	Leah	Gray	ME	

Ridgell	Colin	Arlington	VA	
Ridley	Corey	Jay	ME	
Ridley	Kendra	Ottawa	ON	Canada
Riley	Madison	Williamsport	MD	
Ring	Marie	Topsham	ME	
Rinne	Claire	Walpole	MA	
Rioux	Brady	Gorham	ME	
Ritchey	Nicole	Coralville	IA	
Ritter	Tyler	Jay	ME	
Roach	Mason	Scarborough	ME	
Robbins	Lindsey	Trenton	ME	
Roberts	Gwyneth	Cape Elizabeth	ME	
Roberts	Laura	Brandon	VT	
Roberts	Miranda	Hermon	ME	
Roberts	Nicholas	Arundel	ME	
Robertson	William	South China	ME	
Robichau	Benjamin	Monmouth	ME	
Robinson	Abbie	Skelmersdale		United Kingdom
Robinson	Garrett	Eliot	ME	
Robinson	Haley	Hollis Center	ME	
Robinson	Kaitlyn	Frankfort	ME	
Robinson	Kaleb	Thomaston	ME	
Robinson	Morganne	Palmyra	ME	
Rocha	Timothy	Kensington	NH	
Rocheleau	Daniel	Saint Albans	VT	
Rock	Samuel	Peru	ME	
Roderick	Alexandra	Brunswick	ME	
Roderka	Meredith	Dexter	ME	
Rodriguez	Sethany	Veazie	ME	
Rogers	Casey	Farmington	ME	

Rogers	Chyanne	Boothbay Harbor	ME	
Rogers	Harley	Lincoln	ME	
Rogers	Mariah	Glenburn	ME	
Rogers	Mikayla	Saint Paul	MN	
Rogorzenski	Callie	Marstons Mills	MA	
Rollins	Tyler	South China	ME	
Romanoski	Reilly	Strong	ME	
Romich	Rebecca	Groton	MA	
Romick Barrell	Joseph	Milford	CT	
Romprey	Alicyn	Saco	ME	
Rondeau	David	West Springfield	MA	
Roney	Ethan	Freeport	ME	
Rooms	Caitlyn	Woodbridge	VA	
Roos	Taylor	Orono	ME	
Roosa	Breann	Milford	ME	
Rose	Helen	Farmington	CT	
Rosenthal-Baxter	Andrew	West Hartford	CT	
Rossow	Avery	Greenwood	ME	
Rotter-Weller	Nicholas	Rolling Hills Estates	CA	
Roussell	Josephine	Orono	ME	
Rowell	Olivia	Eliot	ME	
Roy	Charles	Bangor	ME	
Roy	David	Fort Kent	ME	
Roy	Mikayla	Howland	ME	
Roy	Nash	Carmel	ME	
Roy	Patrick	Elkridge	MD	
Roy	Taylor	Holden	ME	
Rubin	Emily	Melrose	MA	
Ruggiero	Lindsey	Orrington	ME	
Rule	Jessica	Orono	ME	

Rumsey	Genevieve	Orono	ME	
Ruopp	Paul	Monmouth	ME	
Russell	Ashley	Readfield	ME	
Russell	Sophie	York	ME	
Russo	Vincent	Poland	ME	
Rutter	Hayley	Hermon	ME	
Ryan	Carolyn	Melrose	MA	
Ryan	Timothy	Holliston	MA	
Ryckman	Matthew	Hampden	ME	
Saar	Dor	Maanit		Israel
Sainsbury	Chelsea	Watertown	CT	
Salafia	Anthony	Portland	ME	
Salisbury	Corey	Old Town	ME	
Sampson	Evan	Portland	ME	
Sanchez	Tatyana	Haverhill	MA	
Sands	Gabrielle	Plymouth	ME	
Sands	Rebekah	Hampden	ME	
Sargent	Jamie	South Portland	ME	
Sarra	Ashley	Fleming Island	FL	
Saucier	Desiree	Eagle Lake	ME	
Saucier	Haley	Milford	ME	
Saucier	Samantha	Saco	ME	
Savage	Jacob	Union	ME	
Savage	Owen	Holliston	MA	
Savage	Spencer	Caribou	ME	
Sawicki	Mary	Aurora	CO	
Sawyer	Stacy	Orland	ME	
Schaab	Anna	Farmingdale	ME	
Schaff	Benjamin	Oakland	ME	
Schaff	Joshua	Oakland	ME	

Schaffer	Claire	Berlin	MA	
Schena	Christopher	Middleton	MA	
Scherer	Devin	Damariscotta	ME	
Schnee	Julia	Rome	ME	
Schneider	Julia	Durham	ME	
Schneider	Lydia	Bowdoinham	ME	
Schneiderat	Alexis	Brunswick	ME	
Schneier	Joshua	Kittery	ME	
Schnetzer	Michael	Belfast	ME	
Schnorr	Ming Feng	Dixfield	ME	
Schrader	Joseph	Denmark	ME	
Schram	Kaela	Red Hook	NY	
Schrecengost	Alyx	Hackettstown	NJ	
Schreiber	Elizabeth	Naples	ME	
Schuman	Rebecca	Topsham	ME	
Schumann	Anna	Moers		Germany
Scillia	Aaron	Ellsworth	ME	
Scofield	Connor	Orono	ME	
Scontras	Theodore	York	ME	
Scott	Gabriella	Peru	ME	
Scott	Grace	Abingdon	VA	
Scott	Rachel	Presque Isle	ME	
Scott	Sidney	Hampton	NH	
Scoville	Jordan	Orono	ME	
See	Isabelle	Yarmouth	ME	
Seekins	John	Belfast	ME	
Seeley	Kassidy	Jonesboro	ME	
Segee	Samuel	Old Town	ME	
Segovia	Remy	Wiscasset	ME	
Seguin	Caroline	Newburgh	ME	

Seile	Nicholas	Augusta	ME	
Seitz	Sarah	Orono	ME	
Semmel	Sierra	Dedham	ME	
Semosky	MaryBeth	Newtown	CT	
Seneres	Kenneth	Saco	ME	
Seneres	Kent	Saco	ME	
Senesac	Calvert	Colchester	CT	
Sereyko	Kasha	Lowell	ME	
Severson	Kristi	Waldoboro	ME	
Sewall	Erin	Cape Elizabeth	ME	
Sewell	Marissa	Eliot	ME	
Shaheen	Baron	Harborside	ME	
Shane	Andrea	Vinalhaven	ME	
Shaughnessy	Brian	Colonia	NJ	
Shaw	Christine	Greenville Junction	ME	
Shaw	Marielle	Mapleton	ME	
Shaw	Nathanael	South Paris	ME	
Shea	Austyn	Concord	NH	
Shea	Lexington	Montpelier	VT	
Sheehy	Matthew	Princeton	MA	
Shen	Zhecheng	Orono	ME	
Shepley	Christopher	Winchester	VA	
Sherman	Hannah	Hodgdon	ME	
Sherman	Tyler	Hodgdon	ME	
Shibles	Tate	Indian Island	ME	
Shipsey	Olivia	Arrowsic	ME	
Shunk	Nathan	State College	PA	
Shusda	Jocelyn	Swanton	VT	
Sikora	Cowan	Sandyston	NJ	
Silknitter	Kodey	Goldsboro	NC	

Silliboy	Erica	Orono	ME	
Sillsby	Alexandria	Kittery Point	ME	
Silver	Maya	Bangor	ME	
Silvernail	Sara	Dalton	MA	
Simmons-Brown	Bailey	Chicago	IL	
Simonds	Meaghan	Hampden	ME	
Simone	Laurel	Portland	ME	
Simons	Airikah	Norway	ME	
Simpson	Bentley	Orono	ME	
Simpson	Taylor	Bangor	ME	
Sinclair	Megan	Blackwood	NJ	
Sincyr	David	Skowhegan	ME	
Siraco	Josef	Eliot	ME	
Sirois	Jonathan	Hermon	ME	
Sizeler-Fletcher	Asher	Montville	ME	
Skop	Madeline	Falmouth	ME	
Skvorak	Katherine	Windham	ME	
Sky	Lindsay	Cherry Hill	NJ	
Slaven	Michael	Beverly	MA	
Sloan	Kevin	South Portland	ME	
Slocum	Caitlin	Old Town	ME	
Small	Jessica	Winterport	ME	
Small	Stanley	Hampden	ME	
Smat	Petra	Brunswick	ME	
Smestad	Anna	Corinna	ME	
Smith	Alexa	Carlisle	MA	
Smith	Andrew	Saco	ME	
Smith	Brianna	Winthrop	ME	
Smith	Dylan	Saco	ME	
Smith	Emma	Gorham	ME	

Smith	Gabrielle	Mechanic Falls	ME	
Smith	Grace	Holden	ME	
Smith	Haley	Brunswick	ME	
Smith	Jackson	Westborough	MA	
Smith	Javahn	Hartford	CT	
Smith	Justin	Bangor	ME	
Smith	Marissa	Farmingdale	ME	
Smith	Sarai	Amesbury	MA	
Smith	Shannon	Wilmington	MA	
Snyder	Miranda	Brimfield	MA	
Somes	John	Ellsworth	ME	
Sommer	Jasper	Portland	ME	
Sorrentino	Victoria	Old Town	ME	
Sosa	Angela	Corbin	KY	
Soucy	Allison	Van Buren	ME	
Soucy	Ashley	Dunbarton	NH	
Soucy	Nicholas	Harrison	ME	
Soule	Keenan	Hampden	ME	
Southworth	Kailey	Pawtucket	RI	
Souza Cunha	Ana Eliza	Orono	ME	
Spagnolo	Katie	Old Orchard Beach	ME	
Spalla	Arielle	Yorktown	VA	
Spang	Forrest	Orono	ME	
Spangenberg	Caroline	Millis	MA	
Sparks-Willey	Isaac	Scarborough	ME	
Spaulding	Jacob	Brewer	ME	
Speakman	Aaron	Greenwood	ME	
Spear	Elizabeth	Holden	ME	
Spear	Mitchel	Baileyville	ME	
Spencer	Gretchen	Hermon	ME	

Sperber	Jacob	Yarmouth	ME	
Spezia	Sarah	Eliot	ME	
Spicer	Cameron	Erie	CO	
Sprecher	Emily	Dover Foxcroft	ME	
St Hilaire	Katelyn	Monmouth	ME	
St Jarre	Matthew	Randolph	ME	
St Jean	Drew	Stillwater	ME	
St Jean	Jocelyn	Stillwater	ME	
St Peter	Mitchell	Caribou	ME	
St Pierre	Bailey	Caswell	ME	
St-Pierre	Danielle	Clifton Park	NY	
Stahle	Madison	Trevett	ME	
Stanton	Paden	Woolwich	ME	
Staples	Jessica	Topsham	ME	
Staples	Tori	Stockton Springs	ME	
Stark	Samuel	Falmouth	ME	
Stasinos	Evangelos	Peabody	MA	
Stauble	Emily	Amherst	NH	
Steele	Cassandra	Windham	ME	
Stefanic	Zoe	Bangor	ME	
Stenger	Matthew	Sebago	ME	
Stephens	Meredith	Derwood	MD	
Sterchele	Heather	Naperville	IL	
Steva	Benjamin	Saco	ME	
Stevens	Emily	Hampden	ME	
Stevens	Isabelle	Smithfield	RI	
Stevenson	Jason	Wayne	ME	
Stevenson	Olivia	Bangor	ME	
Steward	Austin	Colebrook	NH	
Stewart	Brittany	Milford	ME	

Stewart	James	North Berwick	ME	
Stewart	Liam	Gray	ME	
Stewart	Matthew	Hooksett	NH	
Stimpson	Tyler	Fairfield	CT	
Stinson	McKinley	Brunswick	ME	
Stober	Alyna	Lebanon	CT	
Stock	Christian	Sanbornton	NH	
Stojiljkovic	Ilija	Nis		Republic of Serbia
Stokes	Liam	Augusta	ME	
Stone	Paige	Gardiner	ME	
Stovall	Ryan	Glenburn	ME	
Stover	Austin	Ellsworth	ME	
Stranieri	Danielle	Syosset	NY	
Strasko	Paige	Easton	PA	
Stratton	Hannah	Ashland	ME	
Strauch	Cassandra	Marysville	OH	
Strolie	Caroline	Phoenix	AZ	
Stromvall	Kayla	Winterport	ME	
Stronach	Rachel	Tewksbury	MA	
Stronach	Renee	Lewiston	ME	
Struba	Anna	Belfast	ME	
Stubbs	Jared	Dunstable	MA	
Sturdevant	Taylor	Eliot	ME	
Sudbeck	Casey	Bangor	ME	
Sudbeck	Dakota	Hampden	ME	
Sulinski	Brooke	Old Town	ME	
Sullivan	Amanda	Orono	ME	
Sullivan	Bryan	Chester	NH	
Sullivan	Cameron	Old Town	ME	
Sullivan	Eric	Augusta	ME	

Sullivan	Mark	Holden	ME	
Sulloway	Wesley	Bridgton	ME	
Suniga	Madison	West Boylston	MA	
Sutton	Shannon	Raymond	ME	
Swazey	Jessica	Bucksport	ME	
Sweeney	Jessica	Hampden	ME	
Swengel	Trent	Leeds	ME	
Swett	Sara	Glen Ridge	NJ	
Swett	Shelley	Brewer	ME	
Swett	Zoe	Old Town	ME	
Swift	Willard	Hebron	ME	
Swimm	Olivia	Fayette	ME	
Syphers	Lauren	Windham	ME	
Szewczyk	Thomas	Bangor	ME	
Talon	Ashley	Glenburn	ME	
Tam	Kaylin	Old Town	ME	
Tang	Xiaozhuo	Danyang		China
Tanner	Tiffany	Brunswick	ME	
Tapley	Chase	Lewiston	ME	
Tapley	Sierra	Bar Harbor	ME	
Taquet	Lubett	Windham	ME	
Tatten	Madison	Northborough	MA	
Taylor	Alec	South Berwick	ME	
Taylor	Lindsay	Rockport	ME	
Taylor	Samantha	Brewer	ME	
Taylor	Sara	Anson	ME	
Teed	Alexis	Boxford	MA	
Tefft	Mackenzie	Orrington	ME	
Tereshkina	Daria	Chelyabinsk		Russian Federation
Tero	Benjamin	Portland	ME	

Terrell	Leah	Waterford	CT	
Terry	Jacob	Scarborough	ME	
Thacker	Alexander	Brunswick	ME	
Thadal	Ismael	Topsham	ME	
Thayer	Amanda	New Gloucester	ME	
Theriault	Elizabeth	Saint David	ME	
Thibeau	Austin	Presque Isle	ME	
Thibodeau	Arend	Harmony	ME	
Thibodeau	Gage	Hermon	ME	
Thibodeau	Kathleen	Westbrook	ME	
Thieme	Rachel	Topsham	ME	
Thoman	Todd	Spring Grove	PA	
Thoman-Thurber	Eryk	Foster	RI	
Thomas	Elaine	Hampden	ME	
Thomas	Megan	Tapping	WA	Australia
Thomas	Spencer	Fryeburg	ME	
Thompson	Brody	Vassalboro	ME	
Thompson	Elizabeth	Bangor	ME	
Thompson	Kristen	Colchester	VT	
Throckmorton-Hansford	Phoenix	Somerville	ME	
Tibbetts	Cassidy	Litchfield	ME	
Tierney	Kylie	Cypress	CA	
Tilton-Flood	Lilla	Clinton	ME	
Tims	Kathleen	Cornish	ME	
Tisdale	Denise	Old Town	ME	
Tiuraniemi	Veli-Matti	Oulu		Finland
Tobey	Alison	Colorado Springs	CO	
Todd	Spencer	Portland	ME	
Tolmasoff	Arlena	Bucksport	ME	
Tomascak	Nathan	Portland	ME	

Toothaker	Alec	Ellsworth	ME	
Toothaker	Mallory	Kingfield	ME	
Toothaker	Sareena	Orono	ME	
Toppin	Kayla	Columbia Falls	ME	
Torchia	Brittany	Jewett City	CT	
Torres	Ruben	Santa Cruz	CA	
Toussaint	Raleigh	Madawaska	ME	
Towle	Brittany	Glenburn	ME	
Towle	Tanner	Smithfield	ME	
Towne	Julia	Kennebunk	ME	
Trafford	Cameron	Limington	ME	
Trask	Jacob	Winslow	ME	
Tremblay	Isaac	Mariaville	ME	
Trevisani	Elizabeth	Wellesley Hills	MA	
Treworgy	Anne	Levant	ME	
Triana	Jennifer	Prospect	CT	
Trombley	Alyssa	Mapleton	ME	
Tufts	Catherine	Church Point	NS	Canada
Tufts	Trevor	Litchfield	ME	
Tupper	Jennifer	Old Town	ME	
Turlo	Emma	Hampden	ME	
Turner	Bailey	Windham	ME	
Turner	Benjamin	Warren	ME	
Turner	Danielle	South Portland	ME	
Turner	Dylan	Gorham	ME	
Turner	Jennifer	Hollis Center	ME	
Turner	Natashia	Eddington	ME	
Turner	Olivia	West Gardiner	ME	
Tuttle	Souix-Ann	Bethel	ME	
Twist	Jill	Belgrade	ME	

Tyrina	Anna	Orono	ME	
Upton	Bryanna	Northborough	MA	
Urli	Stephen	Massapequa	NY	
Usilton	Haley	South Royalton	VT	
Uteuova	Aliya	Astana		Kazakhstan
Vaccaro	Isaac	Kennebunk	ME	
Vaillancourt	Sarah	Milford	ME	
Valente	Maria	New Gloucester	ME	
Valle	Kohl	Falmouth	ME	
van der Schaaf	Jane	Union	ME	
Van Duijn	Claudio	Blue Hill	ME	
Van Gorden	Rachel	Stillwater	NJ	
van Kampen	Emma	Brunswick	ME	
Van Steenberghe	Julia	Old Town	ME	
Vanaria	Tatiana	Westford	MA	
Vanasse	David	Niantic	CT	
VanDerburgh	Sophia	Portland	ME	
VanSchalkwyk	Andrew	Londonderry	NH	
Varga	Samuel	Union	ME	
Varney	Hannah	Turner	ME	
Veiga	Max	Durham	NC	
Veilleux	Devyn	Waterville	ME	
Venema	Taylor	Everett	WA	
Verdugo	Yvette	Wenham	MA	
Verrill	Timothy	Carmel	ME	
Vertullo	Louis	Medway	MA	
Vesely	Daniel	Edmeston	NY	
Vesey	Denmark	Portland	ME	
Vibert	Olivia	Unionville	CT	
Vieira	Julia	East Providence	RI	

Viekman	Joshua	Dixmont	ME	
Viola	Gregory	Scarborough	ME	
Vise	Zachary	Boothbay Harbor	ME	
Viselli	Anthony	Bangor	ME	
Wacome	Alanna	Skowhegan	ME	
Wadling	Fanny	Saltsjo-Boo		Sweden
Wagner	Sarah	Westbrook	ME	
Waite	Sierra	Wypitlock	ME	
Wakeland	Linley	Dedham	ME	
Walker	Danica	Caribou	ME	
Walker	Kaylee	Bath	ME	
Walko	Ty	Dedham	MA	
Wallace	Abigail	Wilton	ME	
Wallace	Hadley	Auburn	ME	
Wallace	Ivy	Lamoine	ME	
Wallace	Tyler	Bath	ME	
Waller	Lindsay	Riverside	RI	
Wang	Lu-Hsiang	Taipei City		Taiwan, Province of China
Ward	Emily	Tolland	CT	
Ward	Hannah	Bangor	ME	
Ward	Michelle	Biddeford	ME	
Wardwell	Alyssa	Limerick	ME	
Warner	Ryan	Holden	ME	
Warren	Emily	Oakland	ME	
Warren	Jesse	Buckfield	ME	
Washburn	Glenna	Old Town	ME	
Waterman	Benjamin	Yarmouth	ME	
Watson	Allison	Denmark	ME	
Watson	Corey	Newport	ME	
Watson	Jana	Corinth	ME	

Watson	Julie	Mendon	MA	
Watson	Laura	Presque Isle	ME	
Watson	Olivia	Topsham	ME	
Watson	Robert	Fort Fairfield	ME	
Watson	Slade	Springvale	ME	
Watson	Valerie	Randolph	MA	
Waugh	Elisabeth	South Casco	ME	
Webb	Jarod	Old Town	ME	
Webber	Matthew	Springvale	ME	
Weed	Megan	Deer Isle	ME	
Weeks	Rebecca	Lynnfield	MA	
Weigang	Abigail	Shawmut	ME	
Weitman	Moriah	Hampden	ME	
Welborn	Hannah	Wiscasset	ME	
Welch	Alexis	Boothbay	ME	
Welch	Brianna	Bangor	ME	
Welch	Dayle	Westford	MA	
Welch	Olivia	Farmingdale	ME	
Welcome	Phoebe	North Easton	MA	
Wentworth	Brooke	Penobscot	ME	
West	Bailey	Stockton Springs	ME	
West	Ian	Jackman	ME	
Wheeler	Mickala	Orono	ME	
White	Casey	Walpole	MA	
White	Hadley	Nashua	NH	
White	Kaitlyn	Hampden	ME	
White	Liza	Rumford	ME	
White	Patrick	Waldoboro	ME	
White	Tanner	Baileyville	ME	
Whitlock	Addison	Yarmouth	ME	

Whitman	Nicole	Dixfield	ME	
Whitney	Collin	Searsmont	ME	
Whitney	Laura	Great Pond	ME	
Whitney	Priscilla	Old Town	ME	
Whittaker	Kayla	Orono	ME	
Wibby	Jessica	South Portland	ME	
Wickstrom	Kyle	Caribou	ME	
Wiggins	Breanna	Brunswick	ME	
Wiggins	Justin	Kennebunk	ME	
Wight	Eben	Saint George	ME	
Wilcox	Adam	Warren	ME	
Wilhelm	Ryan	Olney	MD	
Wilkes	Madeline	Durham	ME	
Wilkins	Bradly	Old Town	ME	
Willard	Kendall	North Ridgeville	OH	
Williams	Angharad	Flitwick		United Kingdom
Williams	Benjamin	Cumberland Center	ME	
Williams	Jacob	Orono	ME	
Williams	Jacob	Orono	ME	
Williams	John	Cape Elizabeth	ME	
Williams	Kathleen	Orono	ME	
Williams	Taylor	Presque Isle	ME	
Williamson	Sandra	Kennebunk	ME	
Willis	Justin	Old Town	ME	
Willows	Jake	Auburn	ME	
Wilson	Austin	Salem	NH	
Wilson	Benjamin	Groveland	MA	
Wilson	Brenton	New Gloucester	ME	
Wilson	Bruce	Milford	ME	
Wilson	Joshua	Hermon	ME	

Wilson	Kelly	Westbrook	ME	
Wing	Katherine	Brewer	ME	
Winslow	Byron	Presque Isle	ME	
Winslow	Monica	Hockessin	DE	
Winslow	Stephanie	Mapleton	ME	
Wiseman	Lilli	Bangor	ME	
Witkes	Sophie	Boston	MA	
Wojchowski	Austin	Cape Elizabeth	ME	
Wojciak	Andrew	Merrimack	NH	
Wood	Amelia	Centerville	MA	
Wood	Jessica	Kingston	NH	
Wood	Kirkpatrick	Bangor	ME	
Woodard	Bailey	Parkman	ME	
Woodhouse	Daniel	South Portland	ME	
Woods	Amanda	Wells	ME	
Woods	Stephanie	Wells	ME	
Woodward	Samuel	South Portland	ME	
Woolfolk	Elizabeth	Mount Desert	ME	
Worgull	Maxwell	Bangor	ME	
Wortman	Alecsander	Holden	ME	
Wright	Haleigh	Ticonderoga	NY	
Wright	Jared	Ellsworth	ME	
Wright	Michaela	Sterling	MA	
Wright	Niles	West Haven	CT	
Wyman	Richard	Searsmont	ME	
Wypyski	Molly	Orono	ME	
Xiao	Neng Wen	Bangor	ME	
Yarbrough	Brynn	Wrentham	MA	
Yardley	Kiana	Bangor	ME	
Yochim	Courtney	Point Pleasant Boro	NJ	

Yoder	Jordan	Milford	ME	
Yoder	Tate	Penobscot	ME	
Yoon	Myeongah	Hwaseong-Si		Korea, Republic of
York	Bernard	Jefferson	ME	
York	Mitchell	Portland	ME	
Yost	Rene	Brunswick	ME	
Yost	Sierra	Windham	ME	
Yost	Thilee	Damariscotta	ME	
Young	Benjamin	Thomaston	ME	
Young	Caryl	Cherryfield	ME	
Yusim	Asher	Scarborough	ME	
Yutuc	Nikki Caroline	Saipan		Northern Mariana Islands
Zablotny	Melanie	Steuben	ME	
Zaher	Nicholas	Chelmsford	MA	
Zakian	Maxim	Biddeford	ME	
Zepeda	Sebastian	Dover Foxcroft	ME	
Zink	Marissa	Minot	ME	
Zmistowski	Anna	Veazie	ME	
Zoroya	Zachary	Winterport	ME	
Zuo	Jiahui	Orono	ME	
Zwirner	Christian	Windham	ME	

Spring 2018 Dean's List by Maine counties

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Androscroggin County

Auburn: Alexis Bellefleur, Sophie Charest, Cameron Dubay, Sarah Hammond, Emily Hayes, Kaylee Jipson, Taylor Landry, Jordan Lau, Dylan Miller, Emma Paradie, Hadley Wallace, Jake Willows **Durham:** Tatum Erlandson, Jon Jeppson, Heather Margerison, Julia Schneider, Madeline Wilkes **Greene:** Reilly Burgess, Averie Cloutier, Clifford Greco, Nicole Hofacker, Trevor Lessard **Leeds:** Trent Swengel **Lewiston:** Haley Bisson, Jessica Cote, Souban Doualeh, Jazlyn Dumas, Sophia Grallert, Cameron Raymond, Renee Stronach, Chase Tapley **Lisbon:** Jasmin Le **Lisbon Falls:** Samantha Bolduc, Dillon Clifford, Sierra Crosby **Livermore:** Amber Delaney, Jacob Foss, Luke Greenwood **Livermore Falls:** Nicole Castonguay **Mechanic Falls:** Gabrielle Smith **Minot:** Evan LaPointe, Shawn Mitchell, Marissa Zink **Poland:** Elizabeth Champagne, Quinn Ferguson, Jada Lamb, Chelsea Martin, Vincent Russo **Sabbatus:**

Kayla Gayton **Turner**: Anthony DeGone, Brianna DeGone, Julia Dillingham, Emma Fournier, William Parkin, Hannah Varney **Wales**: Sadie Goulet

Aroostook County

Ashland: Phillip Craig, Hannah Stratton **Blaine**: Nicholas Dominique, Elizabeth Gillen **Caribou**: Molly Adams, Adam Collins, Kate Finnemore, Jillian Flynn, Madeline Gudde, Michael Hunter, Chathu Karunasiri, Chaya Karunasiri, Kerrigan Manter, Kaitlyn Nadeau, Renee Pooler, Spencer Savage, Mitchell St Peter, Danica Walker, Kyle Wickstrom **Caswell**: Bailey St Pierre **Crystal**: Lelia Fekete, Mataya Hartin **Eagle Lake**: Desiree Saucier **Easton**: Francesca Armstrong, Madison Leach **Fort Fairfield**: Thomas Krause, Robert Watson **Fort Kent**: Emma Brickman, Lily Brickman, Emily Ouellette, Emma Pooler, David Roy **Fort Kent Mills**: Kendra Raymond **Frenchville**: Justin Pelletier **Hamlin**: Isabel Parent **Hodgdon**: Rachel Harmon, Hannah Sherman, Tyler Sherman **Houlton**: Sarah Abbotoni, Samuel Astle, Benjamin Boutilier, Caeley Brown, Ella Glatter, David Gogan, Daniel Hermann, Emma Peterson, Katherine Prescott **Linneus**: Tabetha Ganzel **Ludlow**: Seth Bond **Madawaska**: Alexis Cote, Courtney Daigle, Timothy Deschenes, Zachary Epstein, Evan Hebert, Raleigh Toussaint **Mapleton**: Ryan Lavway, Sarah Morneau, Marielle Shaw, Alyssa Trombley, Stephanie Winslow **New Canada**: Alex Paradis **Presque Isle**: Emma Everett, Miranda Flannery, Elena Ford, Katelyn Ford, Angela Hallowell, Marta Herzog, Emily Lagerstrom, Lindsey Lagerstrom, Parker Lambert, Jacqueline MacCallum, Andrew Michaud, Hanna Postell, Rachel Scott, Austin Thibeau, Laura Watson, Taylor Williams, Byron Winslow **Saint Agatha**: Daniel Coulombe, Andrew Guimond **Saint David**: Elizabeth Theriault **Van Buren**: Nicholas LaJoie, Allison Soucy **Woodland**: Nicolas Beaudoin, Cheyenne Laszlo **Wytopitlock**: Sierra Waite

Cumberland County

Bridgton: Derek Douglass, Douglas Mayo, Wesley Sulloway **Brunswick**: Quinn Alexander, Sydney Anderson, Molly Bisson, Heather Buzzell, Julia Casey, Joshua Clark, Zoe Donovan, Shannah Duffy, Stephen Eno, Benjamin Flanagan, Thomas Hanson, Amelia Keiper, Amy Lyons, Libbey Masse, Anna McMillan, Taylor Messerman, Samantha Moore, Nicole Pelletier, Emma Reno, Alexandra Roderick, Alexis Schneiderat, Petra Smat, Haley Smith, McKinley Stinson, Tiffany Tanner, Alexander Thacker, Emma van Kampen, Breanna Wiggins, Rene Yost **Cape Elizabeth**: Anthony Castro, Katherine Connelly, Christopher Grennon, Audrey Grey, Sydney Hallowell, Gwyneth Roberts, Erin Sewall, John Williams, Austin Wojchowski **Chebeague Island**: Jason Auffant, Cyrus McLean **Cumberland Center**: Oliver Adams, Silvia Baxter, Paul Caruso, Cassandra Demick, Zoe Fluet, Aidan Greenlee, Liam Greenlee, Ryan McGinty, Tate Porter, Aidan Regan, Benjamin Williams **Cumberland Foreside**: Kevin Cass **East Baldwin**: Jordan Miner **Falmouth**: Thomas Adams, Alex Britton, Sara Chamard, Erin Cianchette, Andrew Clement, Megan Faucher, Mary Giglio, Matthew Gramse, Michael Gramse, Sarah Grondin, Ryan Hammontree, Andrew Marchi, Hannah Mildrum, Samuel Mildrum, Jonah Paris, Madeline Skop, Samuel Stark, Kohl Valle **Freeport**: Blake Enrico, Leah Harrison, Zachery Hindley, Connor McLellan, Monica Pallin, Ethan Roney **Gorham**: Mary Adams, Emily Berrill, Ryan Bertin, Delaney Burns, Adam Chapman, Megan Demers, Kayla Gagner, Jacquelyn Harris, Branden Kuusela, Rebecca Lord, Sean Luce, Jeffrey McNally II, Kyle Peoples, Brady Rioux, Emma Smith, Dylan Turner **Gray**: Rebecca Archer, Dawsin Blanchard, Cody Cullen, Austin Gallant, Mitchell Giles, Emily Hanson, Tyler Hicks, Jadon Petty, Leah Ridge, Liam Stewart **Harpwell**: Grant Carrier **Harrison**: Gunnar Docos, Brenna Macneil, Nicholas Soucy **Naples**: Meghan Boos, Lily Charpentier, Catherine Christiansen, Taylor Cronin, Marcus Devoe, Elizabeth Schreiber **New Gloucester**: Jaime Boulos, Haley Cadran, Wendy Leighton, Felicia Lyons, Joshua Moran, Seth Ordway, Amanda Thayer, Maria Valente, Brenton Wilson **North Yarmouth**: Christopher Byron, Emily Coyne, Mimi Edmondson, Camilla Horton **Portland**: Thomas Antz, Cleo Barker, Courtney Brett, George Budri, Mariza Budri, Kaitlyn Burton, Kyle Cholod, Siobhan Densmore, Eedy Doyon, Guthrie Dyer, Joseph Esposito, Noah Ferrante, Dominic Guimond, Gene Herschaft, Emma Hines, Erin Mahoney, Nicole Maines, Mikayla Mayberry, Tim McInnis, Emily Mooney, Kaitlin Plourde, Kate Pontius, Jack Rideout, Anthony Salafia, Evan Sampson, Laurel Simone, Jasper Sommer, Benjamin Tero, Spencer Todd, Nathan Tomascak, Sophia VanDerburgh, Denmark Vesey, Mitchell York **Pownal**: Miranda O'Shea **Raymond**: Emily Callahan, Isobel Cunningham, Liam Flynn, Emily Gagne, John Gresh, Dylan Koza, Alexandra Lewis, Ryun Parent, Cameron Peavey, Shannon Sutton **Scarborough**: Alec Anderson, Jacob Bloom, Emma Budway, Courtney Daly, Anna Driscoll, Dylan Egeland, Katherine Follansbee, Emma Freeman, Roy Garland, Nathaniel Jordan, Frank Keller, Joseph Lancaster, Connor Langlois, Erica Laplante, Olivia Lappin, Joseph LeBlond, Alyssa Lewis, Benjamin Lindsay, Reyleigh McKay, Haley Nelson, Joshua Passarelli, Mason Roach, Isaac Sparks-Wiley, Jacob Terry, Gregory Viola, Asher Yusim **Sebago**: Matthew Stenger **South Casco**: Elisabeth Waugh **South Portland**: Nicholas Alvarez, Eduardo Anzures Uroza, Zoe Brown, Felix Del Vecchio, Katie Dooling, William Edgar, Cassidy Fielding, Tyler Gagne, Laurine German, Taaniel Kiidli, Maddison Lengyel, Lauren Magnuson, Logan McCarthy, Kevan Merrow, Jackman Mickiewicz, Berkay Payal, Jamie Sargent, Kevin Sloan, Danielle Turner, Jessica Wibby, Daniel Woodhouse, Samuel Woodward **Standish**: Melody Crolepy, Jesse Leavitt, Elijah Munro-Ludders, Samantha Richard **Steep Falls**: Andrew Martel **West Baldwin**: Cierra Farrington **Westbrook**: Tyler Bernier, Bryan Crouse, Paula Crucianelli, Christopher Decker, Rachael Dyer, Arianna Giguere, Alexander Herbert, Jacob Krull, Brady Lynes, Kathleen Thibodeau, Sarah Wagner, Kelly Wilson **Windham**: Matthew Aldrich, Lyndsey Arsenault, Eliza Bennett, Meaghan Byrnes, Ian Donnelly, Joshua Dugas, Emilie Dumont, Samantha Frank, Taylor Hebert, Brian Kelley, Quinn McPhail, Erin Merchant, Stephanie Nichols, Reese Preston, Julia Richardson, Katherine Skvorak, Cassandra Steele, Lauren Syphers, Lubett Taquet, Bailey Turner, Sierra Yost, Christian Zwirner **Yarmouth**: Abigail Belisle Haley, Christopher Bock, Thomas Carr, Nicholas Gillert, Petrit Kendezi, Thomas Lord, Kaeleigh Morton, Sarah Oberink, Hannah Peters, Isabelle See, Jacob Sperber, Benjamin Waterman, Addison Whitlock

Franklin County

Farmington: Isiah Brown, Matthew Loewen, Nathan Pratt-Holt, Casey Rogers **Industry**: Miles Pelletier **Jay**: Jasmine Bussiere, Austin Gilboe, Joshua Horne, Kayla Meserve, Lucas Preble, Corey Ridley, Tyler Ritter **Kingfield**: Mallory Toothaker **Rangeley**: Haley Morrill **Stratton**: Tanager Karchenes **Strong**: Alexandra Harnden, Ivy Mitman, Reilly Romanoski **West Farmington**: Sojourn Granquist **Wilton**: Jessie Hutchinson, Abigail Wallace

Hancock County

Amherst: Casco Haley **Aurora**: Irene Neal **Bar Harbor**: Hannah Bouchard, Caroline Bromberg, Molly Brown, Jennifer Clemens, Ryan Cox, Kristina King, Nicholas Merriam, Molly Moon, Sierra Tapley **Bernard**: Christina Closson **Blue Hill**: Samuel Elliott, Willem Hilliard, Lara Naisbitt, Erin Niehoff, Claudio Van Duijn **Bucksport**: Nicholas Chouinard, Nathaniel Cole, Jade Darragh, Tyler DuPont, Gabriel Flegel, Ila Grindle, Kaylee Grindle, Jessica Swazey, Arlena Tolmasoff **Castine**: Harrison Blake **Corea**: Kimberly Hunt **Dedham**: Madison Campbell, Reed Davis, Breannah Geiser, Sierra Semmel, Linley Wakeland **Deer Isle**: Jordyn Judkins, Megan Weed **Ellsworth**: Justin Brown, Nadine Lewis, Kyle Lima, Jennifer Miers, Erin Nason, Ashley Oleson, Aaron Scillia, John Somes, Austin Stover, Alec Toothaker, Jared Wright **Franklin**: Heather Havey, Taylor Merchant **Great Pond**: Laura Whitney **Hancock**: Brian Awalt, Stella Ligon **Harborside**: Baron Shaheen **Lamoine**: Ivy Wallace **Mariaville**: Brody Campbell, Isaac Tremblay **Mount Desert**: Megan Howell, Samuel Johnson, Elizabeth Woolfolk **Orland**: Stacy Sawyer **Penobscot**: Brooke Wentworth, Tate Yoder **Sargentville**: Liam Adams **Seal Cove**: Devin Christianson, Abigail

Irvine **Sorrento:** Kaitlyn Mazur **Southwest Harbor:** Ralph Magnani **Sullivan:** Maria Cormier, Jennie Daley, James Huff **Surry:** Hanna Jordan, Stephen Thomas Krichels **Trenton:** Hannah Murphy, Kirsten Richards, Lindsey Robbins **Verona Island:** Kayla Gray **Waltham:** Nicholas Jordan **Winter Harbor:** Liam Flubacher

Kennebec County

Augusta: David Audet, Jaimi Clifford, Brandon Emerson, Jens Hansen, Josie Heath, Lauren Hubbard, Joshua Poland, Eva Reed, Nicholas Seile, Liam Stokes, Eric Sullivan **Belgrade:** Tristan Degen, Alexandra Dyer, Emmitt Heath, Jill Twist **Benton:** Kaylee Brann, Trevor Marin, Briana Quirion **Clinton:** Aaron Brown, Ryan Duperry, Hannah Meidahl, Lilla Tilton-Flood **Fairfield:** Trevor Hamblet, Samantha King, Joseph Leclair, Jared Nutting **Farmingdale:** Cameron Fudge, Clara Irvine, Steven Longfellow, Serena Parker, Anna Schaab, Marissa Smith, Olivia Welch **Fayette:** Abigail Despres, Natalie Harmon, Olivia Swimm **Gardiner:** Jared Alexander, Bass Chadwick, Nicole Chadwick, Paige Stone **Hallowell:** Jarod Dye, Shanay Gilbert, Anna Hodgkins **Kents Hill:** Anna Keeley **Litchfield:** Thomas Hayden, Cassidy Tibbetts, Trevor Tufts **Manchester:** Caden Brown, Melissa Garand, Sydney Green, Mair Guillemette, Tyler Lang, Mary-Margaret Manley, Benjamin McLaughlin **Monmouth:** Shannon Buzzell, Brandon Goff, Kaitlyn Kerrigan, Angus Koller, Anna Kulinski, Brianna Mosher, Benjamin Robichau, Paul Ruopp, Katelyn St Hilaire **Mount Vernon:** Lily Bragg, Zachary Holman **North Monmouth:** Emily Barnett **Oakland:** Forest LeBlanc, Michael Pullen, Benjamin Schaff, Joshua Schaff, Emily Warren **Randolph:** Bradley Bailey, Adam Fortier-Brown, Andrew Moran, Matthew St Jarre **Readfield:** Kaitlyn Chick, Taylor Cray, Mitchell Fellows, Camille Kavanah, Grace Kavanah, Kelby Mace, Eleanor Nazar, Victoria Nolette, Ashley Russell **Rome:** Lillian DeLisle, Julia Schnee **Sidney:** Kyle Bernier, Daeghan Elkin, Kyle Gleason, Taylor Lenentine, Daniel Paradis, Taylor Poissonnier **South China:** Luke Atchison, Lilja Bernheim, Justin Harris, Maxwell Pacholski, James Poulin, William Robertson, Tyler Rollins **Vassalboro:** Taylor Bailey, Brianna Benedict, Joseph Connelly, Nicholas Gayer, Brody Thompson **Waterville:** Alan Baez, Allen Bernier, Kellie Bolduc, Alexander Danner, Marisa Jolicoeur, Alexander Misner, Anthony Pinnette, Nicole Pinnette, Devyn Veilleux **Wayne:** Rachel Castonguay, Jason Stevenson **West Gardiner:** Katelyn Bilodeau, Thomas Colfer, Kristin Cosgrove, Olivia Turner **Windsor:** Jordan Bowie **Winslow:** Nicole Fletcher, Adam Green, Sierra Harmon, Allison LeClair, Cody Maroon, Hunter McCaslin, Madison Morneau, Jacob Trask **Winthrop:** Alison Berube, Kevin Chamberland, Matthew Ingram, Kyle Keezer, Lydia Lavoie, Andrew Pazdzioro, Brianna Smith

Knox County

Camden: Sarah Berez, Natalie Hamalainen, Cory Johnson, Nicholas Leclerc, Thomas Libby, Sarah Mitchell, Lila Ohland **Cushing:** Kelsey Brooks, Ronald Hall **Friendship:** Alexia Hilt **Hope:** Tristan Fong **Owls Head:** Jamie Lovley, Alexis Pine **Rockland:** Julia Barbour, Liliana Bonarrigo, Chloe Jonasson **Rockport:** Matthew Ackley, Hannah Brownawell, Lindsay Taylor **Saint George:** Chase Flaherty, Eben Wight **South Thomaston:** Maggie Drinkwater, Rachel Johnson, Sarah Penney, Emily Protheroe **Thomaston:** Kaleb Robinson, Benjamin Young **Union:** Finley Ganz, Jacob Savage, Jane van der Schaaf, Samuel Varga **Vinalhaven:** Andrea Shane **Warren:** Ryan Andrick, Sophie Cohen, Amber Hagin, William Olmsted, Benjamin Turner, Adam Wilcox **Washington:** Antyna Gould, Jane Horovitz, Patrick Madden **West Rockport:** Hilary Merrifield

Lincoln County

Alna: Andrew Hutchins **Boothbay:** Kylemartin Alamo, Xavier Downing, Alexis Welch **Boothbay Harbor:** Chyanne Rogers, Zachary Vise **Damariscotta:** Noah Begin, Devin Scherer, Thilee Yost **Dresden:** Taylor Houdlette **Jefferson:** Abigail Farrin, Julia Fasano, Bernard York **New Harbor:** Alice Gluchanicz **Nobleboro:** Aidan O'Brien **Somerville:** Phoenix Throckmorton-Hansford **Trevett:** Madison Stahle **Waldoboro:** Claire Lupien, Alison Nolan, Kristi Severson, Patrick White **Whitefield:** Cory Pedersen **Wiscasset:** Aidan Carlson, Matthew Mills, Christopher Perkins, Remy Segovia, Hannah Welborn

Oxford County

Bethel: Avry Griffin, Souix-Ann Tuttle **Buckfield:** Jesse Warren **Canton:** Emma Lueders **Carthage:** Noah Brown **Denmark:** Joseph Schrader, Allison Watson **Dixfield:** Gabrielle Chartier, Rachel Knight, Kylie Palmer, Ming Feng Schnorr, Nicole Whitman **Fryeburg:** Sydney Charles, Spencer Thomas **Gilead:** Hunter Cline **Greenwood:** Avery Rossow, Aaron Speakman **Hebron:** Zane Dustin, Nathan Godbout, Willard Swift **Hiram:** Cole Miller **Mexico:** Julia-Nicole Perry **Norway:** Lucan Haviland, Nathaniel McNutt, Charlee Noble, Airikah Simons **Otisfield:** Emily Jackson **Oxford:** Abigail Bennett, Brandin Knowlton, Julia Kugell **Peru:** Ethan Cantin, Samuel Rock, Gabriella Scott **Roxbury:** Peter Cogley **Rumford:** Jeremiah Richardson, Liza White **South Paris:** Ashlee Atchinson, Allysay Elliott, Arianna Meserve, Mikayla Morin, Nathanael Shaw **Sumner:** Brianna Damon, Elizabeth Damon

Penobscot County

Alton: Joshua Hamilton, Caleb Koneff **Bangor:** Omar Alsamsam, Dawson Armistead, Nishchay Arya, Sharon Audibert, Brianna Ballard, Jenna Bishop, Samuel Bolduc, Ariel Bouchard, Amanda Brainerd, Jeffrey Burke, Morgan Campbell, Bayley Caouette, Chelsea Chapman, Samuel Chase, Andre Chasse, Stephen Comeau, Gabriela Constantin, Jessica Correale, Sydni Cosgrove, Aidan Coyne, Andrew Crist, Aska Cross, James Deane, Marshal Deckers, Hebert Delgado, Taylor Delp, Jason Dignan, Ariana DiNitto, Cara Doiron, Abigail Elliott, Andrew Emerson, Amy Fahey, Nicholas Fournier, Trudy Furrow, Allison Gonyar, Vanessa Graham, Adam Green, Alexandria Higgins, Steven Hooke, Krista Hughes, Courtney Hutchinson, Mitchell Jameson, Garrett Johnson, Ezra Jones, Jamie Jones, Zachary Jones, Abram Karam, Gabriel Karam, Maryam Kashkooli, Peter Kemble, Anastasia Kirbach, Reginald Kollman, Natalie Lammers Lisnet, Teagan LaPiere, Brooke Lee, Gabriella Lee, Jacynnda Lee, Thomas Ling, Rachel Luc, Johanna Lunn, Jonathan Marcotte, Evan Marshall, Tennyson Martin, Quinn McKay, Riley McKay, Michelle Miller, William Molinero, Reid Monk, Jonathan Musor, Samantha Nguyen, Annalyse Nichols, Lauren Nightingale, Jazzy Osborn, James Ozog, Jane Pappas, Keith Parker, Alexandra Perry, Ethan Plourde, Nicholas Pucci, Liam Reading, Aidan Redding, Abigail Reynolds, Charles Roy, Maya Silver, Taylor Simpson, Justin Smith, Zoe Stefanic, Olivia Stevenson, Casey Sudbeck, Thomas Szweczyk, Elizabeth Thompson, Anthony Viselli, Hannah Ward, Brianna Welch, Lilli Wiseman, Kirkpatrick Wood, Maxwell Worgull, Neng Wen Xiao, Kiana Yardley **Bradford:** Christopher Albert **Bradley:** Miranda Gifford, Jacob Ketch, Lauren Martin, Rachel Martin **Brewer:** Jared Austin, Samantha Ballesteros, Drew Bennett, Juliana Bilodeau, Morgan Bragdon, Ethan Cates, Lilyan Cohen, Jovon Craig, Andrea Cunney, Joshua Donnelly, Adam Farrington, Shawn Farrington, Ryan Gardner, Rachael Hall, Emelynn Holyoke, Kyle Holyoke, Lindsay Houpp, Amanda Jammeh, Jarrod Joy, Katherine Laroche, Olivia Milan, Nichole Oakes, Sterling Phillips, Megan Pike, Nola Prevost, Benjamin Pushard, Matthew Pushard, James Raymond, Jacob Spaulding, Shelley Swett, Samantha Taylor, Katherine Wing **Carmel:** Abigail DeHaas, Olivia Guiggey, Deborah Heyden, Rebecca Michaud, Emily Perley, Nash Roy, Timothy Verrill **Charleston:** Angelina Buzzelli, Hannah Fishburn **Clifton:** Rachel Brooks **Corinna:** Jacob Cloutier, Nguyen Huynh, Hillary Manson, Anna Smestad **Corinth:** Makayla Labelle, Kaj Overturf, Tuuli Overturf, Jana Watson **Dexter:** Kyle Emerson, Trevor Fogarty, Mariah Hughes, Ashley Reynolds, Meredith Roderka

Dixmont: Joshua Viekman **East Millinocket:** Nicole Chasse, Michaela Davis **Eddington:** Jaycob Bowker, Emma Bragdon, Elana Castiglia, Jamison Freedman, Kailey Holmes, Amanda Hughes, Katarina Monahan, Nathan Perry, Natasha Turner **Etna:** Ian Blouin, Katelyn Manzo **Exeter:** Cara Morgan, Chandler Perkins **Glenburn:** Joshua Baker, Sarah Baker, Katherine Cotton, Shaylyn Cyr, Caitlin Hillery, Kaitlin Kelley, Micaela Phillips, Chloe Raymond, Mariah Rogers, Ryan Stovall, Ashley Talon, Brittany Towle **Greenbush:** Brawley Benson, Jacqueline Malvin **Hampden:** Kyle Barry, Cooper Bennett, Madison Bennett, Rebekah Boomer, Sarah Boomer, Benjamin Chasse, Emily Colter, Ann Marie Dalton, Samuel Donnelly, Laura Doyon, Abigail Durrah, Abigail Elkins, Alexander Flannery, Megan Houpp, Katelyn Jordan, Robert Judkins, Alexander Karris, Joshua Kocik, Michael Labun, Orie Lafevers, Rochelle Lawrence, Tessa Lilley, Ashley Mahoney, Megan Morin, Katherine Morneau, Mitchell Pratt, Melissa Reichel, Matthew Ryckman, Rebekah Sands, Meaghan Simonds, Stanley Small, Keenan Soule, Emily Stevens, Dakota Sudbeck, Jessica Sweeney, Elaine Thomas, Emma Turlo, Moriah Weitman, Kaitlyn White **Hermion:** Paige Bacon, Emily Burns, Ryan Byers, Kourtney Emerson, Keely Gonyea, Stephanie Greateon, Rachel Ingalls, Sahvannah Michaud, Annabelle Osborne, Hailey Perry, Kaylyn Raymond, Kimberly Ricciardi, Miranda Roberts, Hayley Rutter, Jonathan Sirois, Gretchen Spencer, Gage Thibodeau, Joshua Wilson **Holden:** Madelyn Bailey, Caroline Bush, Alyssa Damon, Sarah Dickens, Emily Gilmore, Jill Hein, Leah Jennings, Melody Joliat, Robert Kiah, Gabrielle Nickerson, Hannah Nickerson, Braydon Norris, Courtney Pearson, Jamison Rhoads-Doyle, Taylor Roy, Grace Smith, Elizabeth Spear, Mark Sullivan, Ryan Warner, Alesander Wortman **Howland:** Ryan Bergeron, Mikayla Roy **Hudson:** Katrina Bowden, Sally Clark, Karah Hussey **Indian Island:** Claudia Cummings, Tate Shibles **Lee:** Morgan Dodge, Abigail Glidden, Samuel Mallett **Levant:** Rebeka Bullard, Brennan Derepentigny, Erin Iverson, Anne Treworgy **Lincoln:** Christopher Anderson, Bailee Bartash, Riley Bartash, Ava Broderick, Keegan Farrington, Koby Farrington, Rebecca Hatt, Harley Rogers **Lowell:** Jeffrey Garfield, Nicholas Garfield, Kasha Sereyko **Mattawamkeag:** Briana Moody, Samuel Neil **Maxfield:** Josephine Harper **Medway:** Kevin Drewrey, Eric Levasseur **Milford:** Maliyan Binette, Brittany Cousins, Rebecca Dalrymple, Mason Duplissie, Silvia Guzman, Tyler-Ann Harris, Jenna Legere, Robert Owens, Nathan Paris, Breann Roosa, Haley Saucier, Brittany Stewart, Sarah Vaillancourt, Bruce Wilson, Jordan Yoder **Millinocket:** Caryn Boutaugh, Sophia-Caleigh Dow, Grace Farrington, Wei Lin **Newburgh:** Wesley Kauppila, Caroline Seguin **Newport:** Brody Haverly-Johndro, Noah Kershner, Corey Watson **Old Town:** Hussain Alhammadi, Sarah Allisot, Thoalfakar Alsaady, Eunyoung Austin, Elizabeth Ayotte, Alexis Bailey, Alex Barnett, Christiana Becker, Brian Berger, Jessalyn Bergeron, Christopher Brunton, Emma Burgason, Sean Cashman, Samuel Chamberlain, Matthew Clark, Alexandra Colon-Tarvers, Austin Comeau, Gabrielle Craig, Austin Croft, Kimberly Crowley, Kiana Dearborn, Meaghan Delcourt, Nicholas Dieffenbacher-Krall, Charles Duffield, Nicole Dumond, Emma Elz Hammond, Keegan Feero, Zachary Fisher, Margaret Gautrau, Kendra Green, Derek Haas, Jacob Hall, Jessup Henderson, Ethan Hill, Madalyn Jackson, Marcilla Jackson, Antonio Jurlina, Ali King, Derek Knarr, Tyler Lacadie, Delaney Love, Nicholas Lunn, Jonathan Maurer, Nicole McGrath, Kalee McLaughlin, Nathaniel Moyer, Zane Nygaard, Brooke Pietri, Sarah Plunkett, Mark Pollard, Brian Renfro, Corey Salisbury, Samuel Segee, Caitlin Slocum, Victoria Sorrentino, Brooke Sulinski, Cameron Sullivan, Zoe Swett, Kaylin Tam, Denise Tisdale, Jennifer Tupper, Julia Van Steenberghe, Glenna Washburn, Jarod Webb, Priscilla Whitney, Bradly Wilkins, Justin Willis **Orono:** Jasmine Abou-Elias, Abdulrahman Alessa, Rachel Alexandrou, Yousuf Ali, Emilie Andersen, Johanna Barnes, Amy Bernier, Benjamin Blood, Matthew Bush, Cole Butler, Anna Caballero, Kirsten Caswell, Minchi Chen, Sarah Conner, Alexandra Cooper, Thomas Cox, Ariana Cruwys, Timothy Dassow, Derek Derosier, Hanna Falkie, Joshua Fickett, Maximilian Geffken, Marie-France Georges, Melodie Godin, Connor Gordon, Anthony Gray, Kayla Greenawalt, Thomas Griffith, Taylor Hamm, Raegan Harrington, Irja Hepler, Emily Hindle, David Holmberg, Samuel Holt, Stephen Jackson, Mintesenot Jakamo, Evangeline Jerome, Yujie Jiang, Kirsten Johnson, Michael Johnson, Taylor Lanham, Amanda Laverdiere, Lauren Leber, Laya Little, John Mickles, Robert Millett, Gregory Milliken, Logan Molt, Lindsey Moran, Carrie Murchison, Lydia Murray, Michaela Murray, Samantha Nadeau, Jason Nagy, Shelby Nickerson, Meredith Olivari, Julie Orrego, Joshua Oyugi, Joshua Palmeter, Zechariah Palmeter, Jordan Parks, Richelle Pratt, Jordan Richards, Taylor Roos, Josephine Roussell, Jessica Rule, Genevieve Rumsey, Connor Scofield, Jordan Scoville, Sarah Seitz, Zhecheng Shen, Erica Silliboy, Bentley Simpson, Ana Eliza Souza Cunha, Forrest Spang, Amanda Sullivan, Sareena Toothaker, Anna Tyrina, Mickala Wheeler, Kayla Whittaker, Jacob Williams, Jacob Williams, Kathleen Williams, Molly Wypyski, Jiahui Zuo **Orrington:** Amber Burris, Oscar Degnan, Sarah Doak, Michael Dunning, Meagan Grass, Darren Hanscom, John Harriman, Benjamin Jeffrey, Alexis Lindsay, Emily Norris, Ember Perry, Richard Perry, William Prescott, Colby Rand, Lindsey Ruggiero, Mackenzie Tefft **Plymouth:** Darcey Fraser, Lindsay Nutter, Gabrielle Sands **Stetson:** Carly Buswell **Stillwater:** Bryan King, Alexander Moreira, Drew St Jean, Jocelyn St Jean **Veazie:** Makenzie Baber, Heather Benner, Anna-Maria Dagher, Dale Hartt, Mohammad Hashmi, Courtney Hyde, Emma Olmstead, Sethany Rodriguez, Anna Zmistowski

Piscataquis County

Dover Foxcroft: Racquel Bozzelli, William Casey, Amber Chadrawi, Cooper Nelson, Emily Sprecher, Sebastian Zepeda **Ebeemee Township:** Blake Morrison **Greenville:** Courtney Mann **Greenville Junction:** Christine Shaw **Guilford:** Spencer Martell **Milo:** Colleen Demaris **Monson:** Jason Pina **Parkman:** Rebecca Blodgett, Allison Morin, Charis Morin, Bailey Woodard

Sagadahoc County

Arrowsic: Rachel Detwiler, Sean Detwiler, Olivia Shipsey **Bath:** Dylan Crowell, Keegan Denery, Amy Franklin, Spencer Lindsley, Tessa Lindsley, Paige Martin, Damon Osmond, Helen Reese, Kaylee Walker, Tyler Wallace **Bowdoin:** Colin Ingalls, Stephen Kent, Christine Levesque, Emily Miller, Abigail Morgan **Bowdoinham:** Daniel Feldman, Caleb Miller, Brigitte Milliken, Lydia Schneider **Phippsburg:** Gustav Anderson, Lauren Chandler, Ian Fernald **Richmond:** Hunter Curtis, Cameron Emmons, Vanessa Lee **Topsham:** Jacob Demosthenes, Alex Denis, Dylan Earl-Johnson, Emma Hutchinson, Morgan Jacobs, Sabrina Paetow, Joseph Patton, Joseph Reed, Marie Ring, Rebecca Schuman, Jessica Staples, Ismael Thadal, Rachel Thieme, Olivia Watson **West Bath:** Casey Bennoch **Woolwich:** Kaitlyn Dube, Paden Stanton

Somerset County

Anson: Sara Taylor **Athens:** Lanie Howes, Zachary Linkletter **Detroit:** Leah Carron **Embden:** Carroll Chapman **Fairfield:** Jesse Bosdell, Bailey Carter, Zachary Hale, Ciera Poulin **Harmony:** Arend Thibodeau **Hartland:** Lydia Elwell **Jackman:** Madison Cuddy, Ian West **Madison:** Grace Cowan, Allison Dean, Jacob Girgis, Joshua Girgis **Mercer:** Michaela Charles, Jaycee Cushman **Moscow:** Dylan Belanger, Michael McNally **New Portland:** Emilie Oesterlin **Norridgewock:** Kaelie Merrill, Logan Merrill **Palmyra:** Laura Freudenberger, Ryan LaGross, Morganne Robinson **Pittsfield:** Alexander Audet, Marshall Lawler, Cassandra Miller, Anna Olsen, Aidan Peacock **Shawmut:** Abigail Weigang **Skowhegan:** Maria Beaulieu, Kirstie Belanger, Nicolette Curran, Brooke Curtis, Brandon Lapointe, Sadie Libby, Alanna Luther, Julia Meade, David Sincyr, Alanna Wacome **Smithfield:** Eben Lenfest, Tanner Towle **Solon:** Brandon Dixon, Allyn Foss, Melina Passalacqua, Morgen Pluntke

Waldo County

Belfast: Grace Bagley, Lucie Bonneville, Maylinda Boynton, Madison Cummings, Bingying Dong, Malcolm Dunson-Todd, Ashley Flanders, Patrick

Groening, Emily Harriman, Marc McKinney, Tracey McKinney, Michael Schnetzer, John Seekins, Anna Struba **Belmont:** Corinne Martin **Brooks:** Micaela Ellis **Burnham:** Abigail Bergdoll, Eliana Bergdoll **Frankfort:** Brooke Hammond, Emma Reynolds, Kaitlyn Robinson **Freedom:** Briana Littlefield **Knox:** Nyia Chituck **Liberty:** Emily Lewis **Lincolnvill:** Brendan Carey, Carrie Milner, Patric Mooers **Montville:** Aine Foley, Asher Sizeler-Fletcher **Palermo:** Olivia Bradstreet, Christina Claudel, Abigail Glidden, Ryan Hamel **Searsmont:** Mikayla Artkop, Cassidy Hill, Collin Whitney, Richard Wyman **Searsport:** Alyssa Burkard, Melinda Hellum **Stockton Springs:** Jay Burkard, Ellie Damuck, Tori Staples, Bailey West **Swanville:** Hayle Grover **Troy:** Edward Angelo **Unity:** Makayla Lessard **Winterport:** Justin Cottle, Nancy DesJardin, Nicole Lester, Thomas Olver, Bailey Perkins, Samantha Ricker, Jessica Small, Kayla Stromvall, Zachary Zoroya

Washington County

Baileyville: Mitchel Spear, Tanner White **Baring Plantation:** Cole Bridges **Calais:** Forrest Carle, Josh Carr, Jordan Daley, Alyson East, Dominic Gayton **Cherryfield:** Caryl Young **Columbia Falls:** Kayla Toppin **East Machias:** Maria Jones, Shaina Murdaugh **Jonesboro:** Kassidy Seeley **Jonesport:** Catherine McDonald **Machiasport:** Emma Huntley, Patrick Massaad **Milbridge:** Kelli Kennedy **Perry:** Madalyn Dana **Steuben:** Melanie Zablotsky **Whiting:** Gianna Porter

York County

Acton: Emily Clarke, Daniel Miles **Alfred:** Andrew Bullard, Daniel Bullard, Chelsie Goodwin, Audrey Hoyle, Faith Hoyle, Garrett LaFrance, Joanna LaFrance, Sophia LaFrance, Andrew Nadeau **Arundel:** Jacob Buttarazzi, Katherine Dube, Jenna Paul, Nicholas Roberts **Berwick:** Jacob Bradshaw, Andrew Butler, Nicole Despres, Allison Grant, Dustin Knight, Alexander Menter **Biddeford:** Connor Bouffard, Ashlyn Bourque, Margaret Bushey, Autumn Carey, Courtney Heffernan, Maggie Maloy, Anna Mininni, Carson Neumann, Sarah Poirier, Michelle Ward, Maxim Zakian **Buxton:** Bethany Ashley, Jordan Fournier, Alicia Hannan, Niklas Hase, Alyssa Libby, Madeline Logan **Cornish:** Kathleen Tims **East Waterboro:** Jacob Collupy, Andrew Lee **Eliot:** Drew Bartlett, Isabella Etro, Jackson Foley, Bryant Goodenough, Chlothilde Hepburn, Emma Hichens, Kayla Perry, Garrett Robinson, Olivia Rowell, Marissa Sewell, Josef Siraco, Sarah Spezia, Taylor Sturdevant **Hollis Center:** Matthew Gilbert, Haley Robinson, Jennifer Turner **Kennebunk:** Nicholas Jensen, Sophie Joseph, Ashley Kayser, Colleen Keegan, Julia Towne, Isaac Vaccaro, Justin Wiggins, Sandra Williamson **Kennebunkport:** Sophia Auman, Stewart Doe, Miles Eaton **Kittery:** Emilia Byrne, Ryan Campion, Madison Foye, Briana Lamoureux, Nicole McNally, Aidan Morrill, Sarah Noble, Joshua Schneier **Kittery Point:** Sean Evans, Mark Lambrecht, Colin Macomber, Alexandria Sillsby **Lebanon:** Evan Hanzl, Jacob Lelievre, Emmaline Lovely **Limerick:** Jacob Hougham, Alyssa Wardwell **Limington:** Jordyn Long, Cameron Trafford **Lyman:** Drew Brooks **North Berwick:** Taylor Dupont, Reilly McGilvery, Kody Moseley, James Stewart **North Waterboro:** Nathan Baert, Kaylee Hayes, Desiree Labbe **Ogunquit:** Olivia Arnold, Braden Justice **Old Orchard Beach:** Hunter Boutot, Shania Evangelista, Katie Spagnolo **Saco:** Stephanie Ayotte, Cameron Cadorette, Emma Clark, Shelby Courtois, Sophia Crockett-Current, Chloe Gray, Ashley Houpp, Megan Hurrell, Christopher Kowash, Michael Kowash, Benjamin Leary, Charles Lees, Owen Lemoine, Ethan Levy, Hannah Maddix, Ashley Paul, Alicyn Romprey, Samantha Saucier, Kenneth Seneres, Kent Seneres, Andrew Smith, Dylan Smith, Benjamin Steva **Sanford:** Rebecca Campbell, Megan Charrier, Elaine Clark, Shae Horrigan, Summer Korpaczewski, Ethan Mathieu, Noah Monto, Blaine Morin, Justin Norman, Taylor Pepin **South Berwick:** Inga Carlton, Kyle Claus, Renee Clavette, Roger Connolly, Shea Costin, Abigail Doyle, Hannah Folger, Haley Horton, Peter Lajeunesse, Ava Leman, Nathaniel Poole, William Ramsay, Alec Taylor **Springvale:** Dean Johnson, Tessali Morrison, Tian Morrison, Slade Watson, Matthew Webber **Waterboro:** Troy Cloutier, Tyler Everett **Wells:** Michaela Albano, Kate Bleier, Anthony Crawford, Vincent Crawford, Julianne Fitzpatrick, Marcus Harding, Danielle Jarosz, Matthew Lavoie, Christina LeBlanc, Bennie McMinis, Julia Nixon, Amanda Woods, Stephanie Woods **West Newfield:** Steele Muchemore-Allen **York:** Steven Blaine, Justin Burley, Kelsey Cole, Jack Engholm, Spencer Goulette, Anna Lane, Emma Nichols, Zachary Pease, Connor Prewitt, Sophie Russell, Theodore Scontras **York Beach:** Allison Juscak [Back to full list](#)

The Maine Edge publishes UMaine release on spruce pale ale project

27 Jun 2018

[The Maine Edge](#) carried a University of Maine news release about a partnership between faculty in the School of Forest Resources at UMaine, Black Bear Brewing Company and Marsh Island Brewing to create a pale ale using spruce tips. The brew, named “Green Growth,” is made with tips from Norway spruce trees from UMaine’s Dwight B. Demeritt Forest. The ale will be sold at both breweries for the Fourth of July, and \$1 from each pint will be donated to support the construction of a new sugar house in the forest, the release states.

Handley recent guest on Maine Public’s ‘Maine Calling’

27 Jun 2018

David Handley, a vegetable and small fruit specialist and cooperating professor of horticulture with the University of Maine Cooperative Extension, was a recent guest on [Maine Public](#)’s “Maine Calling” radio show. The show’s topic was Maine winemaking, including different vineyards in the state and the industry’s contribution to Maine’s culture and economy.

WVII covers first season harvest for Black Bear Food Guild

27 Jun 2018

[WVII](#) (Channel 7) covered the first harvest of the season for the Black Bear Food Guild, the University of Maine’s community-supported agriculture (CSA) share program. A university-owned farm in Old Town is run by three students from UMaine’s sustainable agriculture program. Local residents can buy a share of the season’s crops, and attended June 26 to pick up freshly harvested, sustainably grown produce. The CSA share program is in its 24th season, according to WVII.

Enrollment Management launches campus map on Concept3D, PR Newswire reports

27 Jun 2018

University of Maine Enrollment Management has launched an interactive 3-D campus map on the platform Concept3D, according to the company’s press

release published on [PR Newswire](#). The detailed 3-D map is an engaging and mobile-friendly way to explore the campus and its many features, which are labeled when the user selects a certain filter category, such as educational facilities, points of interest and student housing. Ideal for virtual tours, the platform also gives the option to view 360-degree panoramas of key locations. It also has a Content Management System with different levels of access for students, staff and departments on campus, allowing them to add temporary layers with information for closures and events, such as first-year move-in day. [Campus Technology](#) also reported on the map.

Media interview Beal for reports on Downeast Institute expansion

27 Jun 2018

[WABI](#) (Channel 5), [News Center Maine](#) and [The Ellsworth American](#) interviewed Brian Beal, a professor of marine ecology at the University of Maine at Machias and the director of research at the Downeast Institute, for reports on the construction for a \$6.6 million expansion to the institute. “What we do here at DEI is to try to improve the economic wellbeing of communities and individuals,” said Beal. The addition will include a new, modernized shellfish hatchery, several new labs and a residence hall to facilitate learning opportunities for students from colleges and local schools. The updated facilities will enhance research on razor clams, mussels and soft shell clams, and will help local fisheries by allowing them to farm shellfish during the winter. “It’s a world-class facility. It’s a small facility, but it’s nice,” Beal told WABI. “Every student comes here and learns about the ocean, learns about the rocky shore, learns about science, and their own community.” Construction is scheduled for completion in August. [Mainebiz](#) also reported on the expansion.

Popular lobster video surpasses 1 million views

28 Jun 2018

A 2012 YouTube video, “[Lobster Cooking and Eating](#),” by University of Maine Cooperative Extension and the UMaine Lobster Institute has been viewed more than 1 million times. The video, featuring Lobster Institute executive director Bob Bayer and Jason Bolton, UMaine Extension food safety specialist and associate Extension professor, identifies distinctive lobster characteristics, and shows how to safely boil, steam and grill Maine’s most famous seafood.

VillageSoup advances shell midden field trip led by Kelley

28 Jun 2018

[VillageSoup](#) advanced a field trip to shell middens on the Medomak River led by Alice Kelley, an instructor in the School of Earth and Climate Sciences and a research associate professor with the Climate Change Institute at the University of Maine. Kelley will guide field trip participants and educate them on current knowledge of the middens, which are an important resource for archaeologists and environmental scientists to learn about native life thousands of years ago. She will also discuss work being done to document and preserve middens as they are being lost to sea level rise, as well as a new citizen science program she initiated, according to the article. The trip is the result of a partnership between UMaine, Medomak Valley Land Trust, Friends of Hog Island and Maine Coast Heritage Trust. It will take place from 10 a.m.—1 p.m. July 11. Participants will be transported to Hog Island by boat, and should bring water and a packed lunch and be prepared to hike about three miles. The trip is free, but preregistration is required. Contact info@medomakvalley.org or 207.832.5570 for more information or to register.

Coastal Journal quotes Beal, mentions UMaine research in report on green crab summit

28 Jun 2018

The [Coastal Journal](#) quoted Brian Beal, a professor of marine ecology at the University of Maine at Machias, and referenced University of Maine research in a report on the Green Crab Working Summit in Portland June 6–7. The summit brought together a variety of people from different research, business and consumer backgrounds to discuss creative solutions to the problem of invasive green crabs that threaten local native shellfish populations, the journal reports. Bouhee Kang, a graduate research assistant with the Sustainable Ecological Aquaculture Network (SEANET) at UMaine, presented nutritional benefits of the crabs — isolated green crab proteins can be used as supplements to regulate blood glucose levels, and have antioxidant properties to counteract the effects of damaging free radicals. UMaine researchers also created a mechanical separator to produce green crab mince for culinary purposes, the article states. “We can eat them, but we can’t eat them to death. We can trap them, but we can’t trap them to death,” said Beal. “We need to adapt.” Beal suggested protecting and enhancing the population of soft-shell clams, in addition to focusing on ways to reduce the green crab population, according to the article.

Thomas quoted in Hakai Magazine article on puffins

28 Jun 2018

[Hakai Magazine](#) quoted Andrew Thomas, a professor of oceanography at the University of Maine, in an article on puffins and the challenges they face following reintroduction to the Gulf of Maine. Atlantic puffins were wiped out in the Gulf of Maine in 1887, and reintroduced slowly beginning in the 1970s. But now the birds face new threats related to climate change. In the Gulf of Maine, the water is warming faster than 99 percent of the world’s oceans, according to a 2016 research [report](#) cited in the article, on which Thomas was a co-author. “The summer months are warming much faster than the winter months,” said Thomas, whose research found that summer-level temperatures are lasting for an extra two days per year. Atlantic puffins, like other sea birds, are not projected to adjust well to ocean temperature increase, according to the article.

Transportation Research News profiles Rubin

28 Jun 2018

[Transportation Research News](#) profiled Jonathan Rubin, a professor of economics and the director of the Margaret Chase Smith Policy Center at the University of Maine. Rubin studies the economics of transportation energy and greenhouse gas emissions. His recent research has focused on cellulosic biofuels, specifically low-carbon biofuels derived from woody biomass, and how to make them more economical by producing biochemical coproducts at the same time, the article states. Rubin has also studied the environmental impacts of autonomous vehicles, and the social implications of these impacts, which can influence people’s opinions of their time spent in vehicles. “It is important to design robust policies that can allow the market development of autonomous

vehicles to take advantage of the vehicles' private benefits and to establish incentives for beneficial environmental and social outcomes," Rubin told TR News. Rubin also serves as chair of the Transportation Research Board's Environment and Energy Section, and has been involved in numerous other committees and project panels related to transportation. "No single technological fix will both reduce transportation's environmental footprint and maintain an acceptable mobility of goods and people. This means that we need to be open to learning from and working with a wide range of disciplines and viewpoints," said Rubin.

UMaine grad students create website with 'tips and tricks' for first-year teachers

28 Jun 2018

The first few years of a teacher's career are arguably the most important. As with any profession, they lay the foundation for the habits and routines that lead to success down the road. In Maine, school districts are required to provide mentorship to first-year teachers to help them transition to the job. But what that mentorship looks like varies from district to district. "Teacher induction programs are probably the most important programs we have when it comes to retaining teachers, and currently schools are all over the map in terms of what they do for induction," says Bobby Deetjen, assistant director at Mid-coast School of Technology in Rockland and a master's student in educational leadership at the University of Maine. Deetjen says some schools may offer a special orientation program or additional professional development to new teachers, but it's not required. To help fill in some of the gaps in what individual schools and districts offer, Deetjen and his classmates in the educational leadership program's Midcoast cohort created a [website](#) on the online publishing platform Weebly offering advice to first-year teachers. "Welcome to your first year!" says the headline on the site's homepage. "On this website you will find helpful tips, tricks, and resources that may not have been covered in your staff handbook or during your staff orientation." The website is the end result of a month-long May term class, "Leading Effective Task Groups in Schools," taught in three locations around the state. The Midcoast cohort met in Belfast, another group met in Ellsworth, and a third in Bangor. Each cohort was given the assignment to create a product that would be useful to educators in Maine. The groups in Ellsworth and Bangor created YouTube videos addressing issues of trauma and poverty in schools. The Midcoast group went a different route. "Fairly early on we came up with the idea of wanting to do something to support first-year teachers," says Iris Eichenlaub, librarian and technology integrator at Camden Hills Regional High School in Rockport and another member of the Midcoast educational leadership cohort. "We wanted to get to tips and tricks, things you wouldn't have known, that you wouldn't even necessarily know to ask a question about," says Eichenlaub, the 2017 Knox County Teacher of the Year. The site features five sections:

- "What's On Your Plate?" is a guide to staying organized, including tips for how to set up a classroom and how to structure the school day.
- "Making Connections" discusses how to get to know the different people who work at a school, ranging from department heads to custodians.
- "How to Handle Situations" dives into how to manage routines and expectations with students, parents and other members of the school community.
- "What's Coming Up?" provides a detailed overview of the school year, with helpful tips about what to expect each month. For example, Eichenlaub says longtime educators in Maine know that March is an especially long month: "It's right between February break and April break, and sometimes it coincides with state testing. Psychologically it's just long for teachers and for students."
- Finally, "Tools and Tech" offers some tips for using the various devices available to teachers, ranging from laptops to tablets, as well as advice for using social media and other communication tools.

The open-endedness of the assignment and the compressed timeline of the May-term course made producing the website a challenge, according to Eichenlaub and Deetjen. The cohort broke into smaller groups to work on each of the sections, which are not meant to be an exhaustive list of tricks and tips, but rather just some advice that resonated with the cohort. The group also debated producing a different final product, such as an e-book. In the end, they compromised by posting a Google doc on the website with the same content, so educators can download and print it out, or add to it with tips and tricks specific to their districts or schools. Assistant professor of educational leadership Ian Mette, who taught the Belfast cohort, says the site reflects the course goals of figuring out the most effective way to lead small groups, including establishing group norms and decision-making processes. "These are things we embed into all of our courses, but it's probably one of the more experiential classes that we offer," Mette says. "We provide a framework for the group, and it's up to them to figure out how to work together." Although the website is aimed at teachers in Maine, both Deetjen and Eichenlaub say it could have wider appeal. "Just about everything here teachers anywhere will be able to use," says Deetjen. As a non-classroom teacher, Eichenlaub thinks the "Making Connections" section will especially resonate with first-year teachers. "Relationships are so much at the heart of our work as educators, but we're so darn busy that there's not always time to connect," she says. "What I always tell new teachers is 'Find your people. Learn about the people in your building and make an effort to reach out.'" Contact: Casey Kelly, 207.581.3751

Neurobiology professor awarded NIH grant to study communication between brain, fat tissue

28 Jun 2018

The National Institutes of Health has awarded Kristy Townsend, an assistant professor of neurobiology at the University of Maine, nearly \$713,000 for a two-year study investigating brain-adipose communication and how peripheral nerves in fat tissue function. Townsend is interested in how the brain talks to fat tissue because nerves are important for proper control of metabolic processes, as chemical and surgical denervation experiments in fat, or adipose tissue, have demonstrated. "Peripheral nerves are understudied in general," Townsend says. "The majority of neuroscience research focuses on the brain, but the brain communicates with our tissues and organs through peripheral nerves, and when that communication is blunted, such as with degeneration of the nerves, then our physiological homeostasis can be adversely impacted." Metabolic disorders that stem from excess and unhealthy body fat are occurring at pandemic levels, according to Townsend. Currently, Maine is the most obese state in New England, and obesity is linked to other metabolic conditions, such as Type 2 diabetes and cardiovascular disease. Unhealthy adipose tissue, such as tissue that lacks proper innervation, may exacerbate these conditions, Townsend says. The brain can regulate metabolism and burn calories in adipose tissues through peripheral nerve communication, and Townsend's team believes the function of adipose nerves can be regulated at the tissue level, in part through the local release of neurotrophic factors that help keep the nerves healthy. Townsend's team also hypothesizes, based on tests with humans and mice, that in a chronically inflamed adipose depot, such as with obesity or diabetes, that there is a state of adipose neuropathy, or a loss of nerve supply in the fat tissue. The team found while nerves die in cases of obesity, diabetes and aging, they also can grow back with cold exposure or exercise. However, many questions about adipose nerves remain, Townsend says. The main goal of the Research Project Grant (R01) is to determine the mechanisms by which fat tissue nerves experience plasticity and neuropathy, which Townsend and students in her lab have observed experimentally, and to better understand what nerve types are found in fat tissue and how the products released from those nerve cells affect metabolic function in fat tissue. The team has identified a specific nerve growth factor secreted in fat tissue upon stimulation by cold exposure, a factor which is important for keeping nerves healthy and alive. When it is deleted from the immune cells that reside in fat tissue, the nerve supply is lost, and the fat tissue becomes enlarged, unhealthy and inflamed. They hope to learn more about that system to potentially develop new therapies for obesity. Findings from the

study, according to Townsend, could help establish a new area of research for adipose biology, focused on the cellular cross-talk mediating neural dynamics in fat tissue to regulate energy balance. The ability to repave any lost brain-adipose communication highways also could provide new therapeutic strategies, she says. Other UMaine researchers involved in the project are Magdalena Blaszkiewicz, a doctoral candidate in the Graduate School of Biomedical Science and Engineering, and Cory Johnson, a master's student in the School of Biology and Ecology. Collaborators are James Godwin, a research scientist at The Jackson Laboratory in Bar Harbor, Maine; Lei Cao at Ohio State University; and Maribel Rios at Tufts University. Earlier this year, Townsend received a \$750,000 Collaborative Sciences Award from the American Heart Association for a three-year study looking at the aging of fat tissue and its effects on cardiovascular and metabolic conditions. The awards are complementary, Townsend says, and together should uncover new knowledge about how nerves and fat tissue interact to affect metabolic health. Contact: Margaret Nagle, 581.3745

Social media spotlight: Hope Kohtala

28 Jun 2018

Hometown: Poland, Maine Hope Kohtala, a parks, recreation and tourism student, who will graduate in 2019, just spent a semester in Northern Wales. "Living in Northern Wales was an amazing experience for me. It not only opened up new opportunities, such as learning a new language or playing a new sport called Gaelic football, but it also helped me connect with people from all over the world. Bangor University is a very international college and studying abroad showed me how small the world can be! With a beautiful location set between the mountains of Snowdonia National Park and the Irish Sea, Bangor, Wales is the ideal location for any student who is looking to spend most of their time outdoors. My major lets me explore all different areas of study by incorporating both forestry and business classes. Outside of school, I enjoy traveling and hiking and hope to find a job that not only incorporates my interests but also gets me involved in improving Maine's tourism economy as well." See posts featuring Kohtala on UMaine's [Facebook](#) and [Instagram](#) pages.

School of Food and Agriculture research published in Foods journal

29 Jun 2018

Thomas Mellette, Kathryn Yerxa, Mona Therrien and Mary Ellen Camire, "[Whole grain muffin acceptance by young adults.](#)" Foods, 7(6):91, 2018. The paper is based on the 2015 thesis research of Mellette, now a registered dietitian.

Enjoy berry season with UMaine Extension bulletins

29 Jun 2018

With the official arrival of summer, Maine's berry season is in full swing. Strawberries, and their culinary companion rhubarb, are being harvested and enjoyed, and preserved for the months to come. Raspberries, blackberries and blueberries aren't far behind. University of Maine Cooperative Extension has several publications suitable for the season, including [Growing Strawberries](#); [Growing Rhubarb in Maine](#); [Vegetables and Fruits for Health: Strawberries, Wild Blueberries](#), and [Raspberries and Blackberries](#); and [Let's Preserve Series](#). UMaine Extension bulletins may be ordered or downloaded from the [publications catalog](#), or by calling 207.581.3792; email extension.orders@maine.edu.

Camire quoted in Outside magazine article on nutrition for all ages

29 Jun 2018

[Outside magazine](#) quoted Mary Ellen Camire, a professor of food science and human nutrition at the University of Maine, in the article "The Foods You Should be Eating at Every Age." The article gives nutrition recommendations for people at different ages from their 20s and up, focusing on specific changes to "support long-term performance" in athletic activities. When people reach their 40s, they begin to lose muscle and bone mass, according to Camire. To combat this, the article recommends adding more lean or plant-based protein to your diet, along with anti-inflammatory foods like leafy greens and berries to improve athletic recovery. And protein is even more important for those age 60 and older. "The classic recommended daily allowance for protein intake — about seven grams per 20 pounds of body weight in a sedentary person — may not be enough to help older adults maintain muscle mass," said Camire.

WVII interviews Kim about flu virus research

29 Jun 2018

[WVII](#) (Channel 7) interviewed Carol Kim, a professor of microbiology at the University of Maine, about her research on the immune response to the influenza virus using zebrafish. A team of UMaine researchers received a grant for more than \$400,000 from the National Institutes of Health for the research. The team's goal is to develop therapies to help people improve the immune system response and clear the influenza infection, the report states. This past flu season was the worst in Maine in five years. Since the strain changes every year, people must receive a new vaccination annually. "So this past year the vaccine was not that protective. It only protected about a 30 percent rate rather than an 80 or 90 percent rate as it usually does in every year," said Kim. The research aims to develop treatments outside of vaccines. "The zebrafish are a great animal model for a human disease. We can actually take the virus that infects humans and we can infect the zebrafish," Kim told WVII. "The grant is for three years and so hopefully in that time frame we'll have a better idea of the immune response to influenza infection."

WABI reports UMaine spin-off receives Health and Human Services funding for sleep monitoring invention

29 Jun 2018

[WABI](#) reported news of a \$500,000 U.S. Department of Health and Human Services award, given to a University of Maine spin-off company for research on memory loss in older adults, that was [announced](#) by Senators Susan Collins and Angus King. The funding will support a home-based sleep monitoring invention developed by UMaine researchers that has the potential to detect early symptoms of mild cognitive impairment and Alzheimer's disease. Activas Diagnostics LLC, founded by UMaine professors Marie Hayes and Ali Abedi in 2009 and based in the UpStart Center for Entrepreneurship in Orono, develops noninvasive wireless sensor system and software products for diagnostics of traumatic brain injury. This award focuses on bringing the spin-off company's patented SleepMove product to market as a new approach to diagnostics and monitoring in early stage neurological disease.

Tijerina, Cody quoted in Press Herald report on trade war with Canada

02 Jul 2018

The [Portland Press Herald](#) quoted Stefano Tijerina, a professor of political science at the University of Maine, and Howard Cody, a professor emeritus of political science at UMaine, in an article about the effects of Canadian tariffs on Maine exports. The tariffs, a response to tariffs placed on Canadian steel and aluminum by the Trump administration and set to go into effect July 1, will impact about \$67 million worth of Maine products, according to the Press Herald. But these cover less than 6 percent of Maine's total export value to Canada in 2017, avoiding critical goods such as lumber, lobsters and pulp and paper products, leaving Maine mostly unaffected by the trade war. "Businesses that are always looking for cutting costs would not be willing to play the 'nationalist' game; they are more interested in playing the game of the market," said Tijerina. "At the end of the day, it is hard to dismantle all these little pieces that have been building an interdependent economy between the two since the 1850s." While some businesses primarily selling products affected by the tariffs will suffer, there is a long-standing relationship between Maine and Canada that is unlikely to dissolve or turn sour over the dispute. "The economic integration between Maine and Canada is probably greater than just about any other state, I'd have to say," said Cody. "There is this sense that Canada and Maine have always had a close connection, ancestrally as well as economically, and in a sense culturally." Cody was also quoted in a [Kennebec Journal and Morning Sentinel](#) opinion column on relationships between Maine and Canada, and the people of both places.

Yarborough interviewed for Press Herald article on wild blueberry price drop

02 Jul 2018

David Yarborough, a wild blueberry specialist with the University of Maine Cooperative Extension and a professor in the UMaine School of Food and Agriculture, was interviewed for a [Portland Press Herald](#) article on the drop in price of wild blueberries, which is at its lowest in more than 30 years. The article cited UMaine data showing the price for Maine wild blueberries last year was 26 cents per pound, the lowest price since 1985. This is a result of competition from Canadian blueberry production and the cultivated blueberry industry, the article states. "The issue really has been that we have had several good years of very high production. We are a victim of our own success," said Yarborough. "We were increasing productivity faster than the markets could bear the fruit, and we have competition that we haven't had before." The [Sun Journal](#) published the Press Herald article.

SimpleMost quotes Bayer in lobster facts article

03 Jul 2018

[SimpleMost](#) quoted Robert Bayer, the executive director of the Lobster Institute at the University of Maine, in an article on facts about lobsters. The article listed some less well-known facts about the crustaceans, including that they are a good source of several vitamins and minerals and that the Maine lobster industry began as early as the 1600s. If a lobster loses a claw or leg, it can grow back the missing part — and a one-pound lobster takes about five years to regrow a claw to the same size, Bayer said. The article also cited Lobster Institute [research](#) stating lobster used to be so abundant that it was eaten by those living in poverty and fed to livestock. The [Sioux City Journal](#) published the SimpleMost article.

Machado's food safety research highlighted by Penn State News

03 Jul 2018

[Penn State News](#) highlighted research led by Robson Machado, a food science specialist and assistant extension professor with the University of Maine Cooperative Extension. Machado was a doctoral student at Pennsylvania State University while conducting the research, which investigated the sanitation, personal hygiene and food safety practices at 17 small-scale cheesemaking businesses to inform better practices for food safety training. The researchers concluded that low-tech training options are still effective for certain industries and audiences.

Study finds better visual acuity is associated with less decline in cognitive functioning over time

03 Jul 2018

Lower visual acuity is associated with both lower cognitive function and greater declines in cognitive functioning over a five-year period, according to a new University of Maine study. The longitudinal research by Peter Dearborn and co-investigators affiliated with the UMaine Graduate School of Biomedical Science and Engineering, and the Department of Psychology found lower vision was associated with test performance scores for Global Cognitive functioning, Visual-Spatial Organization and Memory, and Verbal-Episodic Memory. However, visual acuity scores were unrelated to Working Memory, Scanning and Tracking and Executive Functioning domains. Decreased sensory abilities such as vision and hearing are common with advancing age and associated with decreased quality of life, including engagement in reading, social activities and physical activity. Studies prior to this investigation have related decreased visual acuity to cognitive ability, but with two distinct differences from the UMaine study: Only a few measures of cognitive ability were examined and prior studies did not control for a range of cardiovascular disease risk factors or events (e.g., acute stroke, heart disease, diabetes mellitus, kidney disease, hypertension) that are positively correlated with loss of visual acuity. The UMaine study, published in the *Journal of the International Neuropsychological Society* (2018: 24, 1–9), employed data from the sixth (2001–06) and seventh (2006–10) waves of the Maine Syracuse Longitudinal Study (MSLS). There were 655 study participants free from acute stroke, dementia and kidney dialysis. The participants were followed over approximately five years with a comprehensive battery of cognitive tests. Using the basic Snellen Eye Test, visual acuity was measured before and after the longitudinal follow-up in persons with normal uncorrected vision or corrective lenses. Relations between visual acuity and cognitive function were adjusted for variables found to be related to visual acuity and cognition: age, education, gender, ethnicity, depressive symptoms, physical functioning deficits, chronic kidney disease, plasma homocysteine levels, systolic blood pressure and hypertension. The UMaine research team hypothesized that cognitive abilities that placed heavier demands on vision would exhibit the highest magnitude of associations between vision and cognitive test performance. Surprisingly, this hypothesis was not confirmed. Longitudinal analyses (change in performance from wave six to wave seven) found no associations between visual ability and the cognitive domain placing heaviest demands on vision, Scanning and Tracking. Moreover, visual acuity was significantly associated with Verbal Episodic Memory, a domain measured by tests that do not involve visual stimuli. The study was limited in the following ways that need to be addressed in future studies: The physiological mechanisms relating low visual acuity to cognition were not studied, albeit vision-related cardiovascular disease and functional

disabilities were controlled; and the Snellen Eye Test is a simple screening test for vision, as compared to other tests and an exhaustive ophthalmological examination. The UMaine research team hopes that the study will promote future investigations that take advantage of the most sophisticated technologies in measurement of visual acuity, and examine possible physiological mechanisms explaining the relation between lower vision ability and lowered cognitive performance in some cognitive domains. Immediately following the Dearborn et al. paper, an article examining retinal thickness (a correlate of acuity) in relation to dementia was published online by JAMA Neurology (June 25). Thinning of the neural fiber retina was associated with increased risk of developing dementia. The JAMA paper strongly supports the need for further investigation of physiological mechanisms relating visual acuity to lower cognitive performance. UMaine researchers point out that the social-psychological hypothesis also needs to be examined. Visual impairment reduces the range and quality of social, work and leisure activities that permit exposure to intellectual tasks that facilitate retention of intellectual acumen, the team notes, but many possible mechanisms relating visual impairment and cognition have yet to be explored. The UMaine investigators are all affiliates of the Graduate School of Biomedical Science and Engineering: Both Peter Dearborn and Kevin J. Sullivan received the Ph.D. in psychology from UMaine in 2017; Merrill F. (Pete) Elias and Michael A. Robbins are faculty members in the Department of Psychology; and Carla Sullivan is a graduate student. Data collection was supported in part by the National Heart, Lung and Blood Institute (R01HL67358, R01HL81290) and the National Institute on Aging (R01AG03055) of the National Institutes of Health. These granting institutions do not take responsibility for conclusions reached in the study. Contact: Merrill Elias, 207.244.1127; mfelias@maine.edu

Sleep monitoring invention that could help detect early symptoms of Alzheimer's receives \$1 million NIH award

05 Jul 2018

A home-based sleep monitoring invention developed by University of Maine researchers that has the potential to help detect early symptoms of mild cognitive impairment and Alzheimer's disease in elders has received a \$1 million Small Business Innovation Research Award from the National Institute of Health's Institute on Aging. The two-year NIH Phase II award to Activas Diagnostics LLC, founded by UMaine professors Marie Hayes and Ali Abedi, focuses on bringing the spin-off company's patented SleepMove product — a fitted mattress undersheet instrumented with 16 hybrid wireless sensors — to market as a new approach to diagnostics and monitoring in early stage neurological disease, including Alzheimer's disease. Activas Diagnostics' SleepMove technology allows for home-based, nonintrusive recording that integrates wireless sensing technology, signal processing and statistical inference software to identify two novel biomarkers of sleep disorder that complement standard actigraphy, and new level of accuracy for out-patient sleep recording. Adults living independently will perform a seven-day sleep study and overnight memory testing to evaluate sleep-wake and respiratory status during sleep. The funding will focus on proof of concept — through clinical testing and device development to validate the SleepMove device's predictive power — and execute early stage commercialization plan. The goal is to move the technology into clinical trials and establish approval from the U.S. Food and Drug Administration. The biotechnology innovation provides an assessment of respiratory signals and small sleep movements, including arousals, to evaluate mild cognitive impairment (MCI). Older people with MCI are at greater risk for developing Alzheimer's, according to the National Institute on Aging website, but to date, biomarkers to help determine the severity of MCI, a recognized prodrome to dementias, remain elusive. Sleep-related movement arousals are deficient in individuals with underlying sleep debt from sleep disorders, a common prodrome in neurological disease. In ongoing clinical research, participants age 65–85 without sleep disorders show robust movement arousal-respiratory coupling and normal cognitive performance. In contrast, MCI patients reported more sleep fragmentation, and had fewer and less robust movement arousals that failed to reliably upregulate respiration rate. The movement arousal-respiratory mechanism may protect the sleeping brain from hypoxemia and neuronal loss implicated in neurological decline. Activas Diagnostics, established in 2009 and based in the UpStart Center for Entrepreneurship in Orono, develops noninvasive wireless sensor system and software products for diagnostics of traumatic brain injury. The company started with funding from the Department of Defense, which is interested in the potential of the SleepMove technology to aid individuals with traumatic brain injury in Phase I. Through the years, other funding sources have included NASA, Maine Economic Improvement Fund, the Maine Technology Institute and NIH. Hayes, a professor of psychology, and Abedi, professor of electrical and computer engineering, have been collaborating on the technology for almost 10 years. Hayes' longitudinal sleep research with the role of high-frequency sleep movements in individuals affected by neurological and brain injury began with high-risk newborns affected by prematurity, pharmacological treatment for apnea, opioid and alcohol exposures prenatally and consequences such as neonatal abstinence syndrome. She has established the role of psychiatric alleles of COMT and OPRM1 in severity of neonatal abstinence and plans to examine genetic corollary especially in MCI disease progression in the ongoing study. Hayes also is a faculty member in the UMaine Graduate School of Biomedical Science and Engineering. Abedi's wireless communications research ranges from coding and information theory to wireless sensor networks. In the NASA inflatable lunar habitat module on campus, Abedi and his team are developing wireless sensors for leak detection. In 2016, a prototype of the wireless leak detector technology was sent to the International Space Station, where astronauts installed it to send data to Abedi's team for analysis. In their collaborative research, Hayes and Abedi are investigating the pattern and rhythm of sleep-related spontaneous movements and associated respiratory functions in relation to sleep disorders, neurodegenerative diseases such as Alzheimer's and traumatic brain injury, and sudden infant death syndrome. Their preliminary findings have revealed that high-risk individuals, including infants prenatally exposed to opiates, can exhibit reduced or compromised primate arousal system that can reduce the amount of oxygen to the brain. Through the years, their research has brought together UMaine undergraduate and graduate psychology and electrical and computer engineering students, two postdoctoral researchers and health care collaborators from the community. Today psychology students with backgrounds in clinical neuroscience work and quantitative analysis and engineering students with backgrounds in communications and signal processing meet as part of the ongoing research. The patent for a "system and method for early detection of mild traumatic brain injury" was issued in 2015, and the company is in the licensing agreement process. The research that led to this technology has been presented at Wireless Sensor Systems Conference, June 2012 in the United Kingdom, the Traumatic Brain Injury Conference, April 2015 in Washington, D.C. and the Society for Research in Biological Rhythms in 2014. Most recently, the researchers were invited to present their research at the annual international meeting for sleep medicine, hosted by the American Professional Sleep Societies, June 2–8 in Baltimore and the Sleep and Circadian Rhythms Symposium of the International Psychogeriatric Association in September 2018. Contact: Margaret Nagle, 207.581.3745

Lord Hall Gallery hosts two exhibitions this summer

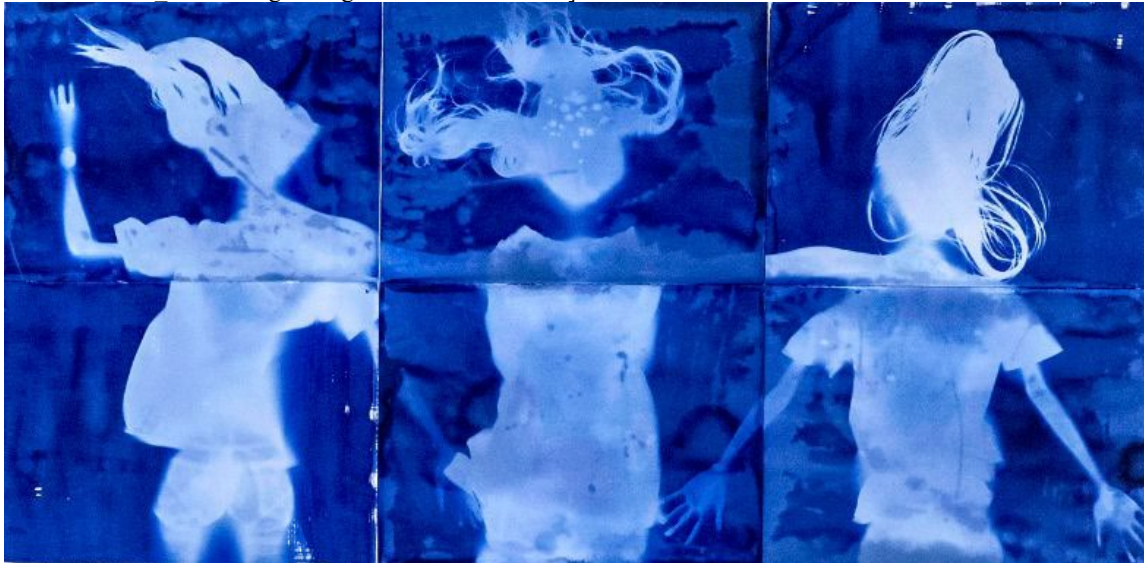
05 Jul 2018

Two exhibitions that speak to historical and contemporary human concerns will be on display July 20 through Sept. 21 in Lord Hall Gallery at the University of Maine. [caption id="attachment_61614" align="center" width="750"]



Mussels, 2018 (detail) by Andy

Mauery[/caption] The exhibition “desolve” features selected works by Andy Mauery, a UMaine associate professor of art. Mauery describes her work as “unheroic: quieter, contemplative, more likely to offer questions than provide answers.” Working with hair and hair-like fibers, wax and paper, Mauery creates pieces that often reference the body, while others are more memoirs of nurture (or lack thereof) within the context of nature. [caption id="attachment_61617" align="center" width="750"]



Grandchildren of Hiroshima, 2018

(detail) by elin o'Hara slavick[/caption] “Blue Traumas” is an exhibition of cyanotypes by elin o'Hara slavick, a professor of art at the University of North Carolina at Chapel Hill. Her images respond to and tell stories associated with the dropping of the atomic bomb on Hiroshima, Japan, in 1945. These photographic images are attempts to visually, poetically and historically address the magnitude of what disappeared as a result of this event — and to consider what remained. Closing the exhibition will be an artists’ reception and gallery talk. Mauery and o'Hara slavick will speak about specific pieces included in the exhibition, and the foundational concepts and processes of their creative practices. The free public reception for the artists is from 5:30–7 p.m. Friday, Sept. 21 in the Lord Hall Gallery. 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.

Fried quoted in American Prospect article on Sen. Collins’ role in Supreme Court nomination

05 Jul 2018

[The American Prospect](#) quoted Amy Fried, a professor and chair of the Department of Political Science at the University of Maine, in an article on Senator Susan Collins and her potential actions related to President Donald Trump’s nomination for the next Supreme Court Justice. Sen. Collins has suggested she will not focus on “ideological litmus tests,” such as whether or not the nominee would support or oppose rolling back *Roe v. Wade*, saying that she would support someone who valued “established decisions, established law,” according to the article. “At this point it looks more likely that she [Collins] will end up voting for a nominee,” said Fried, drawing on the voting history of Sen. Collins, who has “been under more scrutiny for her votes lately, and under more pressure,” according to Fried.

Cooperative Extension fact sheet cited in BDN article on freshwater creatures

05 Jul 2018

The [Bangor Daily News](#) cited a University of Maine Cooperative Extension fact sheet in the article, “10 monsters that dwell in Maine’s waterways.” The article presented different freshwater creatures living in Maine that people might be unfamiliar with, including the fishing spider. The largest spider native to

Maine, it hunts by walking over land and water to find insects and small fish. However, they are not aggressive toward humans and “they’d rather flee than fight,” according to the fact sheet.

Ellsworth American interviews Yarborough about blueberry business

05 Jul 2018

[The Ellsworth American](#) interviewed David Yarborough, a wild blueberry specialist with the University of Maine Cooperative Extension, for a report on the production and value of blueberries. Both production and value of the crop declined in 2017 — the U.S. Department of Agriculture reported a drop in production of 33 percent and a drop in price of 2 cents per pound — and this foreshadows further declines to come, according to The Ellsworth American. Factors such as the weather, a shortage of pollination and the presence of mummy berry disease, which kills berries and causes them to shrivel and harden, contributed to the decline, Yarborough said. To address these obstacles, 11,000 new beehives were put in place in Maine to increase pollination, but other persisting factors mean that might not be enough to boost production to the desired level. “There was a big frost in Nova Scotia, and in some of the northern townships in Maine. We have to see how many of those acres can be salvaged,” said Yarborough. [Mainebiz](#) also reported on the blueberry business, quoting Yarborough.

MedicalXpress publishes UMaine release on visual acuity and cognitive function

05 Jul 2018

[MedicalXpress](#) carried a University of Maine news release about a study by UMaine researchers on visual acuity and cognitive functioning. The study found that lower visual acuity is linked with lower cognitive function and decline in cognitive functioning over a period of five years, according to the release. Contrary to their hypothesis, the researchers found no association between visual acuity and participants’ test scores in the domain of Scanning and Tracking, which places the most significant demands on vision. There was an association between visual acuity and Verbal Episodic Memory, which is not measured by tests involving visual stimuli, the release states. The researchers hope their work will encourage further investigations to examine physiological mechanisms related to visual ability and cognitive performance. The UMaine researchers are all affiliated with the Graduate School of Biomedical Science and Engineering, and include Peter Dearborn and Kevin Sullivan, recipients of the Ph.D. in psychology from UMaine; Merrill Elias and Michael Robbins, faculty members in psychology; and Carla Sullivan, a graduate student.

Kirby interviewed for BDN article on beneficial household bug

05 Jul 2018

The [Bangor Daily News](#) interviewed Clay Kirby, an insect diagnostician with the University of Maine Cooperative Extension, for an article on a beneficial household arthropod, the centipede. While centipedes can be creepy and startling to some, Kirby insists they are harmless and are actually predators of other pests that could live in your home, including ants, beetle larvae and spiders. Centipedes do not cause damage to houses and are afraid of humans, keeping mostly to basements and other cool, humid areas with lots of cover, according to the BDN. If seen in large numbers, they can be discouraged by sealing up cracks in the house’s foundation, removing clutter, using a dehumidifier and consulting a pest management professional to eliminate other pest populations they could be using for food. But Kirby hopes humans and centipedes can peacefully coexist. “If [people] knew the benefits of house centipedes, they would think twice about smashing it with a fly swatter. It’s really worth getting the word out,” said Kirby. “And they really are a very striking organism.” [WGME](#) (Channel 13 in Portland) carried the BDN article.

Call for submissions by new Franco-American journal Résonance

05 Jul 2018

Résonance, a new digital, curated Franco-American literary journal that will showcase, distribute and encourage creative works by established and emerging writers, is accepting submissions for its inaugural issue. The journal, which will be published in the University of Maine’s [Digital Commons](#), is intended to provide a literary outlet for the cultural work of Franco-American and other writers focused on topics related to this community. UMaine’s Franco American Programs publishes a bilingual quarterly journal, Le Forum, that connects communities and cultivates awareness by encompassing history, literature, poetry and book reviews. Résonance will complement the journal by focusing on peer-reviewed literature and art and including all French-language communities. Résonance’s editorial group wanted to launch the journal before the 2018 American Council for Québec Studies (ACQS) Biennial Conference, where Franco-American, Acadian, Cajun, Creole and Haitian creatives will connect with scholars. These creatives and their works showcase a diverse array of backgrounds and methods of expression, says Susan Pinette, director of UMaine Franco-American Studies. “Some Franco creatives work in any of a great number of forms of North American French, often closely related to the mother tongue of their home and upbringing. Some Franco creatives have English as their mother tongue, with French as a sort of ghost tongue that whispers at unexpected moments, often to the surprise even of the utterer. Some Franco creatives have English as their mother tongue, without any direct or indirect experience with the French language, but nevertheless live the ethnic markers of Franco heritage,” says Pinette, the journal’s general editor. “Some creatives engage issues which resonate deeply with Francos, though the ethno-cultural context may be utterly distinct.” Potential themes of the works to be featured in the journal include those related to ethnic markers, such as language, the concept of home, the question of place, communities within communities, assimilation and rootedness, as well as themes related to specific North American Franco groups and genres. This journal aims to “foster and promote a wide variety of established and emerging Franco voices and visions, to become a publication with high status throughout francophone North America and beyond, and to collaborate with the University of Maine and other partners beyond borders to provide periodic programming celebrating the francophone fait créatif,” according to the editorial board. Rather than emphasizing narratives of loss and assimilation, the board hopes the journal will forge a pathway through literature to a new future for Franco culture. “A new future would provide more integrative ways of engaging ethno-cultural differences without the need to define and defend turf. In that sense, we aim to transform the cultural dialogue between Franco-American culture and the larger, dominant cultures throughout North America,” Pinette says. “The future cannot be maintained or preserved. It must be created. To do that, we must ask questions, embrace change, take chances, be different, explore the banned and the damned, discard as needed, and embrace — as it benefits who we want to be. These are all things that maintenance and preservation will not allow us to do. So with Résonance, we are clearing a space and making room for Franco future-makers to create,” says Greg Chabot, the publication’s drama editor. The editors of Résonance welcome submissions of new and existing works in a wide range of literary genres, including reviews and translations. The submission guidelines are [online](#). Contact: Cleo Barker, 207.581.3729

Marine scientists to examine plankton in Pacific Ocean's 'twilight zone'

05 Jul 2018

University of Maine scientists are part of an interdisciplinary research team equipped with advanced underwater robotics and analytical instrumentation that will set sail in August from Seattle to the northeastern Pacific Ocean. They'll examine the life and death of plankton — microscopic organisms that are the base of the ocean food web and play a key role in removing carbon dioxide from the atmosphere and oceans. The researchers seek to better understand how the planet is changing in response to the increasing amount of greenhouse gases. UMaine professor emerita Mary Jane Perry, professor Emmanuel Boss, associate professor Lee Karp-Boss and oceanography doctoral candidate Nils Haentjens are participating in the project supported by NASA and the National Science Foundation called the [Export Processes in the Ocean from Remote Sensing \(EXPORTS\)](#) oceanographic campaign. Boss and Haentjens will be aboard the *Roger Revelle* and Perry will be on the research vessel *Sally Ride*. From these seaborne laboratories, they'll examine plankton as well as the chemical and physical properties of the ocean from the surface to 3,200 feet in depth. That's called the twilight zone, a region with little to no sunlight, where carbon from plankton can be kept out of the atmosphere for decades to thousands of years. Boss and Karp-Boss, who are co-principal investigators of an Oregon State University-led portion of the project, will examine with Haentjens how phytoplankton community properties determine the movement of organic carbon from the ocean surface to the twilight zone. They'll apply the data to improve NASA's satellite measurements of carbon export. "We apply state-of-the-art imaging and optical sensors to study phytoplankton communities, building on capacities that we developed for another NASA-funded study (North Atlantic Aerosols and Marine Ecosystems Study/NAAMES) in the North Atlantic Ocean," says Karp-Boss. "Now we have the opportunity to study a contrasting system in the Pacific Ocean, so I'm very excited about this opportunity." Boss says the project could yield exciting, new perspectives and that researchers could learn in ways they didn't anticipate prior to being at sea for nearly a month. The data, he says, are likely to improve models, including those in the Intergovernmental Panel on Climate Change reports. "It is hoped the public and politicians may make decisions based on these models to mitigate climate change," Boss says. Perry, the former director of the Darling Marine Center, is a co-chief scientist on the project. She's been involved with planning EXPORTS since 2014, soon after its inception. Perry's a co-principal investigator on a University of Washington-led portion of the project. "My science role is to coordinate calibration of the autonomous robots that will be deployed a month before the August cruise and that will continue to make measurements for months after the ships head home," she says. For additional details, read the [National Science Foundation release](#) or the [NASA release](#). Contact: Beth Staples, 207.581.3777

Hutton to help lead walk and talk farming workshop, VillageSoup reports

06 Jul 2018

[VillageSoup](#) reported Mark Hutton, an associate professor of vegetable crops and extension vegetable specialist with the University of Maine Cooperative Extension, will help lead a free walk and talk workshop at Goranson Farm in Dresden. The event will focus on the benefits and challenges of low-till farming practices and cover crops in organic vegetable production, will be hosted by Rob and Carl Johanson of Goranson Farm from 5—6:30 p.m. July 23, and will be followed by a potluck. To register for the workshop, contact the Knox-Lincoln Soil and Water Conservation District at 596.2040, info@knox-lincoln.org or knox-lincoln.org/beginning-farmer. Those interested in attending the potluck are asked to bring a dish to share and utensils.

Adirondack Almanack advances lecture by Stager

06 Jul 2018

The [Adirondack Almanack](#) advanced a lecture by Curt Stager, the Draper-Lussi endowed Chair of Paleoecology and Lake Ecology at Paul Smith's College and a research associate with the University of Maine's Climate Change Institute. The lecture, titled "Gardens: Weather or Not," is part of a public meeting of the Adirondack Garden Club at the Crowne Plaza Resort in Lake Placid at 2 p.m. July 17. The lecture will be followed by a question and answer session, refreshments will be served and copies of Stager's books will be available for purchase.

WABI interviews Kanoti for report on spruce tip beer

06 Jul 2018

[WABI](#) (Channel 5) interviewed Keith Kanoti, manager of the University Forests at the University of Maine, for a report on the development of a beer made with spruce tips. UMaine partnered with local Marsh Island Brewing to develop the brew, echoing a traditional recipe made by the original colonial settlers, according to the report. Marsh Island and Black Bear Brewing Co. will be serving the beer, and donating \$1 per pint to UMaine's School of Forest Resources to help fund a new sugar house. "This is a traditional way of beer making to use spruce tips. It goes back a long, long way," said Kanoti. "We like to showcase different products from the forest. We also make maple syrup and lumber, and sell logs and all those things. It's just another gift from the forest, so to speak."

Mount Desert Islander previews talk by Miller

06 Jul 2018

The [Mount Desert Islander](#) previewed a talk by Jessica Miller, a professor and chair of the Department of Philosophy at the University of Maine and staff clinical ethicist at Eastern Maine Medical Center. Miller's talk, part of the series "You: A Novel Gene Story" sponsored by the Jesup Memorial Library in Bar Harbor and the Jackson Laboratory, will cover the ethics surrounding genetic testing, including at-home genetic tests. The talk will be held at the library at 7 p.m. July 10.

Lichtenwalner, Knight recent guests on Maine Public's 'Maine Calling'

06 Jul 2018

Anne Lichtenwalner, director of the University of Maine Cooperative Extension Veterinary Diagnostic Lab, associate professor of animal and veterinary science and extension veterinarian; and Colt Knight, assistant extension professor at UMaine and the state livestock specialist; were recent guests on [Maine Public's](#) "Maine Calling" radio show. The show focused on the benefits and challenges of raising chickens, including the steps involved and health and safety issues.

Mitchell Center helps Katahdin region assess its economic and community resilience

06 Jul 2018

In March 2016, University of Maine community psychologist Linda Silka wrote an op-ed in the Bangor Daily News describing the deep commitment of many UMaine faculty and students to work with towns and cities in tackling complex or “wicked” problems at the intersection of economic, sociocultural and environmental issues. Jessica Masse, a community leader in the Millinocket region and member of the Katahdin Revitalization Group, read the op-ed and invited Silka, a senior fellow at UMaine’s Senator George J. Mitchell Center for Sustainability Solutions, to come and talk about “how we might be able to use UMaine research, particularly the ‘knowledge-to-action’ work at the Mitchell Center, to help our community tackle our transition from a papermaking community to a diversified economy that can flourish in the globalized economy.” Today, the Mitchell Center is supporting research for the Katahdin region by an interdisciplinary team of UMaine students and faculty, led by Adam Daigneault, assistant professor of forest, conservation and recreation policy and a Mitchell Center fellow. Additional support for the project is being provided by the Elmina B. Sewall Foundation and The Nature Conservancy. Community leaders and residents in the region’s eight towns — Millinocket, East Millinocket, Medway, Sherman, Stacyville, Patten, Mount Chase and Island Falls — asked the team to provide an unbiased assessment of the economic and social well-being of their communities. A full story about the Mitchell Center research project is [online](#).

Emergency preparedness exercise on campus July 17

09 Jul 2018

On July 17, Holmes Hall will be the site of a Vigilant Guard training exercise from 7 a.m. to 4 p.m. That day, the Holmes Hall parking lot will be closed to accommodate the participants and their equipment. Nationwide, Vigilant Guard exercises focus on emergency preparedness. For more information, contact Will Biberstein, Conferences and Institutes, 581.4091.

Morning Ag Clips previews Extension food preservation workshops

09 Jul 2018

[Morning Ag Clips](#) previewed a series of hands-on food preservation workshops offered by the University of Maine Cooperative Extension in Skowhegan in July and August. The workshops will cover basic techniques for canning and freezing green beans and tomatoes. Fresh produce and jars will be provided, and are covered by the \$10 registration fee. The workshop dates and locations are July 24 and Aug. 28 at the UMaine Extension office in Skowhegan. Workshops run from 5:30–8:30 p.m. [Preregistration](#) is required.

Vachon speaks to WABI about closing of Maine Girls’ Academy

09 Jul 2018

Amy Vachon, the head coach for women’s basketball at the University of Maine, spoke to [WABI](#) (Channel 5) about the closing of the Maine Girls’ Academy in Portland, the state’s only private all-female school. The school, formerly Catherine McAuley High School, recently announced its closing due to low enrollment resulting in lack of revenue, WABI reports. Vachon coached basketball at the school in 2011. “It really had a profound impact on me, just going into the school and seeing how these girls could be themselves. And it was just a really, really special place for young girls in the state of Maine,” said Vachon. “It’s just sad.”

Media feature Climate Reanalyzer map in reports on worldwide heat records

09 Jul 2018

The University of Maine Climate Change Institute’s Climate Reanalyzer was featured in a [Washington Post](#) article about all-time heat records across the globe. Temperatures in Northern Siberia were up to 40 degrees above normal, and the highest temperature ever measured in Africa, 124 degrees, was recorded in Algeria, both on July 5. The majority of that week was marked by a heat wave across much of the United States and Canada, with temperatures soaring to records above 100 degrees in parts of California and Colorado, and Montreal reaching a new overall record high temperature of 97.9 degrees, the article states. Humidity was extreme as well — Ottawa recorded its most extreme combination of heat and humidity on July 1. The heat has been named the cause of 54 recent deaths in southern Québec, according to the report. The heat wave was not confined to North America. Glasgow, Scotland reached a record high temperature of 89.4 degrees, and Quriyat, Oman experienced the world’s hottest low temperature ever recorded at 109 degrees. These extreme temperatures are especially unusual for normally mild climates such as the ones found in Scotland and Canada, according to the article. The Climate Reanalyzer map posted with the article shows the heat wave is unusual because most of the world is warmer than the average for early July. The Climate Reanalyzer also was featured in articles by the [The Barents Observer](#), [London Evening Standard](#), [Daily Mirror](#), [PBS](#), [Irish Examiner](#), [The Sun](#), [Daily Express](#), [news.com.au](#), [Daily Mail](#), [Evening Echo](#), [The Logical Indian](#) and Brinkwire.

Lancaster Farming quotes Yarborough in article on highbush blueberries

09 Jul 2018

[Lancaster Farming](#) quoted David Yarborough, a wild blueberry specialist with the University of Maine Cooperative Extension and a professor in the UMaine School of Food and Agriculture, in an article on highbush blueberry production that mentions challenges in the corresponding lowbush blueberry industry. The article tells the story of highbush blueberry production on Goss Berry Farm in Mechanic Falls. Mike Goss, the only full-time employee on his parents’ farm, said the farm is expanding but they are not focusing on growing their blueberry production because “prices have been pretty stagnant,” Goss said. Wild blueberry producers and their industry have been facing challenges this season. An early frost was the first time in 50 years that temperatures dropped to below freezing when the blueberries were still vulnerable and damaged crops, according to Yarborough. “Certain fields won’t probably be able to be harvested at all. Otherwise, going into the season we had a fairly mild winter,” said Yarborough. “In Maine, there isn’t a major highbush or cultivated industry, but there is major wild blueberry production,” said Yarborough.

Social media spotlight: Kathleen Brown

09 Jul 2018

Hometown: Portsmouth, Rhode Island Kathleen Brown is a rising senior majoring in ecology and environmental sciences. She studied in Greenland and Iceland in spring 2018 through a University of Maine and School for International Training (SIT) scholarship. Brown investigated the ecological impact of invasive flatfish at the University of Iceland's Research Centre in the Westfjords, and took courses on natural and anthropogenic drivers of climate change, climate modeling, Arctic ecosystem science and research ethics. She also boated through one of the world's largest fjord systems in Greenland, skied in Ísafjörður, flew to Grimsey Island on the Arctic Circle and saw the northern lights. "Through field work and cultural immersion, this study abroad experience really solidified my passion and fascination for the Arctic ecosystem. The starkly beautiful treeless and snow-covered landscapes are what initially drew me to the Arctic. However, as I traveled through this region I learned how truly dynamic and vulnerable this ecosystem is, and how fast it is evolving due to climate change. My passion for my studies stems from my desire to contribute to the preservation of these ecologically and culturally significant areas. My time in Iceland and Greenland opened my mind to the idea of seriously pursuing my interest for polar ecology in graduate school. In my downtime, I am usually hanging in my hammock enjoying a good book or podcast. Besides that, I spend my weekends kayaking, hiking and camping around Maine with my friends. I love the way the UMaine campus experiences and embraces all four seasons. The transformation from the fall foliage to a winter wonderland is truly breathtaking, but being here in the full bloom and lush of spring and summer is something quite special, too, if you get the chance." See posts featuring Brown on UMaine's [Facebook](#), [Twitter](#) and [Instagram](#) pages.

Wellness across different dimensions shown to facilitate independence in older adults

10 Jul 2018

Maintaining wellness across different dimensions contributes to older adults' sense of independence, according to a University of Maine research team. The team, led by Kelley Strout, a UMaine School of Nursing professor, conducted a [study](#) involving a random sample of 128 male and female U.S. residents age 65 and older living in communities in 22 states from national data. Wellness of the individuals in the sample was measured using a Wellness Assessment Tool (WEL), which allows the individual to express interest in or intention to participate in wellness activities. Following a one-on-one assessment, the individuals were given the option to identify wellness priorities. These data were analyzed using a qualitative approach based on Hettler's Six Dimensions of Wellness. The analysis found that older adults value and prioritize the dimensions of physical, social and emotional wellness over the dimensions of intellectual, occupational and spiritual wellness. Improving wellness in all dimensions contributes to older adults' sense of and ability to maintain independence, "a lifestyle quality manifested vis-a-vis personal priorities related to the 6 original dimensions of wellness," according to the study. The study found that wellness in even one dimension contributes to facilitating independence. For example, engaging in walking as a physical wellness activity facilitates the ability to walk independently. "Independence represented the ability to engage socially with family and friends; to live according to their current standards; to remain at home, and to enjoy life," the article states. The research recommends implementing community-based wellness interventions to support aging in place for older adults, focusing on marketing the interventions toward improving independence, rather than wellness, to reflect the adults' priorities and encourage participation. The study on older adults' wellness priorities was published in Healthy Aging Research, an open-access journal that publishes articles on research advances in the understanding of the processes responsible for and associated with aging. Other members of the research team were UMaine professors Fayeza Ahmed and Karyn Sporer; professor Elizabeth Howard at Northeastern University; professor Elizabeth Sassatelli at the University of Tampa; and nurse practitioner Kristen McFadden, Massachusetts General Hospital. Contact: Cleo Barker, 207.581.3729

Pasture walk series begins July 11

10 Jul 2018

This summer's pasture walk series begins July 11, from 5–7 p.m., at Farm in the Woods, 245 Steward Road, Monson. Farm co-owner Gretchen Huettner will host. University of Maine Cooperative Extension, Maine Organic Farmers and Gardeners Association and the Maine Grass Farmers Network sponsor the series. Pasture walks are designed to be a peer-to-peer learning experience. Experienced graziers share their knowledge while walking through their pastures and explaining their management styles. Participants learn new techniques, and also share their experiences and challenges in managing a productive pasture system. The event is free; an optional potluck dinner will follow the walk. For more information or to request a reasonable accommodation, contact Richard Kersbergen, 207.342.5971, richard.kersbergen@maine.edu. The next pasture walk will be July 25 at Wolfe's Neck Center for Agriculture and the Environment in Freeport. A complete listing of pasture walks this summer is [online](#).

Media report on sleep monitoring invention

10 Jul 2018

[Sleep Review](#) magazine carried a University of Maine news release about an invention developed by UMaine researchers that can detect early symptoms of mild cognitive impairment and Alzheimer's disease. Activas Diagnostics LLC has received a \$1 million Small Business Innovation Research Award from the National Institute of Health's Institute on Aging, according to the release. Activas Diagnostics, founded by UMaine professors Marie Hayes and Ali Abedi in 2009 and based in the UpStart Center for Entrepreneurship in Orono, develops noninvasive wireless sensor system and software products for diagnostics of traumatic brain injury. This award focuses on bringing the spin-off company's patented SleepMove product to market as a new approach to diagnostics and monitoring in early stage neurological disease. [Maine Public](#) and [Mainebiz](#) also reported on the invention and corresponding grant.

Extension fact sheet cited in AP article on ladybugs

10 Jul 2018

The Associated Press cited a University of Maine Cooperative Extension [fact sheet](#) in an article on ladybugs and other pest-controlling insects. The article cautions against releasing non-native ladybugs, and recommends other pest-control measures including adding plants that appeal to beneficial insects like ladybugs at different life stages. The San Francisco Chronicle, Plainview Daily Herald, [Post Register](#) and [Philippine Canadian Inquirer](#) carried the AP article.

Piscataquis Observer previews talk by Fuller

10 Jul 2018

The [Piscataquis Observer](#) previewed a talk by David Fuller, an agriculture and non-timber forest products professional with the University of Maine Cooperative Extension. The talk, titled “Forest foods: what’s in the woods besides timber and firewood?,” will cover edible forest products including sap, ramps, spruce gum and others, and will include a tasting of some products. Hosted by Dexter Dover Area Towns in Transition, an organization working to help local communities become more independent, the talk will take place at the Abbott Memorial Library in Dexter from 10 a.m.—noon July 14.

Lobster Institute Statistics cited in Newport Daily News report on blue lobster

10 Jul 2018

The [Newport Daily News](#) cited statistics from the Lobster Institute at the University of Maine in a report on a blue lobster caught in Rhode Island and kept for temporary public viewing. The bright blue lobster is being held at The Lobster Shack in Newport, Rhode Island where it will be on display for a week until it is released back into the ocean, according to the article. The odds of catching a blue lobster are one in 2 million, according to Lobster Institute statistics. But Dave Spencer, the manager of The Lobster Shack, thinks every fisherman has caught one at some point. The co-op market and restaurant previously housed a yellow lobster that was later given to the University of Rhode Island. The odds of catching a yellow lobster are one in 30 million, according to the Lobster Institute. The [Providence Journal](#) carried the Newport Daily News article, and [WTIC](#) (Channel 61 in Hartford, Connecticut) also reported on the lobster, citing Lobster Institute statistics.

Hargest interviewed for Press Herald article on saving money while gardening

10 Jul 2018

The [Portland Press Herald](#) interviewed Pamela Hargest, a horticulture professional with the University of Maine Cooperative Extension, for an article on ways to save money while growing a home garden. The article provides innovative ways to enhance a home garden while keeping costs low, suggesting using repurposed objects in place of expensive products designed for a specific purpose. Hargest said she met a man in Portland during a gardening event who used leftover wood from various sources to create a step garden. “Any leftover wood can work. You would want to be careful about using treated wood, but it doesn’t have to be fancy,” said Hargest. The resulting garden was a “beautiful and peaceful place” in addition to providing food, according to Hargest, who recommends following his example and reducing, re-using and recycling to enhance a garden while saving money.

Sporer receives award for journal article

10 Jul 2018

Karyn Sporer of the University of Maine Department of Sociology and Paige Toller of the School of Communication at the University of Nebraska have received the Rose B. Johnson Southern Communication Journal Article of the Year Award, 2018, presented by the Southern States Communication Association, for their March 23, 2017 article: "Family Identity Disrupted by Mental Illness and Violence: An Application of Relational Dialectics Theory" in Southern Communication Journal.

Thomas, Klein videos online as part of Maine Science Festival playlist

11 Jul 2018

The 5-Minute Genius videos from this year’s Maine Science Festival are [online](#). The playlist includes the presentations of two members of the University of Maine community — Andrew Thomas of the School of Marine Sciences, talking about “Tracking Ocean Climate Change,” and Sharon Klein of the School of Economics on “The Many Sciences of Solar Energy.” The Maine Science Festival is an annual, four-day event dedicated to exploring and celebrating the science, technology, engineering and mathematics taking place in Maine every day.

This year's 'Catch' is in

11 Jul 2018

Maine Sea Grant has published Volume VI of "[The Catch](#): Writings from Downeast Maine," a literary journal produced in association with Fogler Library and the Downeast Fisheries Trail. The volume features an oral history with Pat Shepard of Maine Center for Coastal Fisheries; an interview with Robin Alden; poetry by Mary Lyons, Matt Bernier, Jerry George, Carl Little and Patricia Ranzoni; a short story by Robin Hansen and essays by Christina Gillis and Aliya Uteuova. “The Catch” publishes works of poetry, fiction, essay and other nonfiction prose inspired by the fisheries and coastal heritage of Down East Maine.

UMMA featured in USA Today’s 10Best article on Maine Art Museum Trail

11 Jul 2018

USA Today’s [10Best](#) featured the University of Maine Museum of Art in the article, “10 reasons you need to travel the Maine Art Museum Trail.” The trail encompasses the state’s nine leading art museums within a day’s drive of each other, allowing visitors to experience the state’s natural settings along the way that inspired some of the works in the museums, according to the article. Steve Bartlett’s gallery, “Works from 2013-2018,” located at the UMMA in Bangor, was included in the list of must-see highlights for visitors. Bartlett’s exhibited works include a variety of abstract wooden sculptures with which he “simply hopes to engage and provoke the imagination.” The museum is the only publicly owned institution in the state that has a permanent collection of fine arts, featuring more than 3,500 original works, according to the article. [News Center Maine](#) carried the 10Best article.

Socolow writes piece for Boston Globe about Thai rescue coverage

11 Jul 2018

Michael Socolow, an associate professor of journalism at the University of Maine, wrote an opinion piece for [The Boston Globe](#) about media coverage of the rescue of members of the soccer team trapped in caves in Thailand, and other “baby-in-the-well” stories. Coverage of the current event reflects a pattern of stories that recur historically, and includes Baby Kathy Fiscus in 1949 and Baby Jessica McClure in 1987, according to Socolow. While the facts change, they are almost irrelevant as the audience fixates on the story’s dramatic, emotional flow and inevitable outcome of either life or death. “It’s a story of survival — told to us in real time — that will hopefully culminate in relief and gratitude,” wrote Socolow. These stories weave together elements of live broadcasting, scripted suspense, and entertainment as well as journalism. “They’re undeniably thrilling but they also build community and make us realize that life and death and heroism and courage are all a daily part of existence.” The stories transcend technological and other changes in journalism and keep the audience engaged by focusing on the narrative. The column also was cited in a [Columbia Journalism Review](#) piece.

The secret life of lobster (trade): Could we be in hot water?

11 Jul 2018

In a paper published in [Frontiers in Marine Science](#), researchers, including lead author Joshua Stoll of the University of Maine School of Marine Sciences and the Mitchell Center for Sustainability Solutions, map the global trade routes for lobster and quantify the effect they have on obscuring the relation between those who catch the valuable crustacean and those who ultimately eat it. The team’s findings indicate that in today’s hyper-connected world, a growing number of nations are acting as “middlemen” in the supply chain. This makes it increasingly difficult to trace where seafood goes and difficult to anticipate changes in market demand. “Our research shows that the Asian market for lobster, China in particular, appears to be considerably larger than we previously thought,” says Stoll. “This means that if the region’s appetite for it were to change — through a trade war, for example — it has the potential to trigger a larger-than-expected change in demand.” The world is witnessing unprecedented levels of global seafood trade as a result of increasingly pro-trade policies and advancements in technology and logistical capacity. Such trade is often associated with increased wealth production, employment opportunities and food security, but growing reliance on international markets also can expose fishermen to distant disturbances that can negatively affect market prices and trigger social, economic and environmental crises at local levels. Given that China recently announced lobster is on its list of retaliatory tariffs, this could wreak havoc on Maine’s \$1.5 billion-a-year lobster industry. “We have more than 6,000 people in Maine who fish for lobster alone and they are engaged in the most valuable fishery in the United States,” Stoll says. “Even small drops in demand can be problematic.” Trade conflict like the one currently brewing between the U.S. and nations around the globe has a long history of being disruptive. In 2012, for example, a trade conflict with Canada arose in connection with an ocean-warming event in the Gulf of Maine. That summer, lobster molted early, which drove the price for lobster down precipitously — so much so The Boston Globe ran a story proclaiming the price of lobster was nearly as low as hot dogs. “More attention to the complex trade routes among nations is needed to reduce the impacts that global trade has on coastal communities,” Stoll says. “We don’t want to find ourselves in hot water.” Contact: Joshua Stoll, 509.637.5795, joshua.stoll@maine.edu

UMaine named among ‘best and most interesting’ by 2019 ‘Fiske Guide’

11 Jul 2018

The University of Maine is one of the more than 300 “best and most interesting” colleges in the United States, Canada, Great Britain and Ireland, according to the “Fiske Guide to Colleges 2019” out this week. The guide’s profile of UMaine notes that undergraduates “help themselves to a range of strong academic programs at a reasonable cost.” Highlighted are UMaine’s marine sciences, engineering and honors programs, as well as some of the university’s other Signature Areas of Excellence such as the Climate Change Institute. Among the most popular majors cited: business management, nursing, psychology and mechanical engineering. Undergraduate research and real-world experience are “woven into many areas of the curriculum,” the profile notes. A communication major cited professors that are “very thorough, passionate and enthusiastic” about their subjects. A third-year student told the “Fiske Guide”: “Here at UMaine, there seems to be a widely accepted and shared value of the opportunity to further one’s education.” Another undergraduate described UMaine students as “laid back, but also exhibit(ing) a love for learning.” “The atmosphere is very relaxed and allows for a more comfortable exploration of your education,” another third-year student noted. Other undergraduates told the “Fiske Guide” that the “campus feels incredibly safe” and that UMaine “does a good job of making anyone feel welcome and at home.” The profile calls UMaine “a sleeper choice for out-of-staters” and cites the importance of the Flagship Match program, that allows nonresident students to pay the same in-state tuition as they would at their state’s flagship universities. Also noted are UMaine’s housing and dining options, the range of student entertainment and activities offerings, and the state’s only Division I athletics program. UMaine is “a medium-sized school with a small-school atmosphere,” concluded the “Fiske Guide” profile. “Combine the state’s natural beauty with an increased emphasis on top-quality facilities and more intimate student/faculty interaction, and it’s no surprise that this campus draws more die-hard ‘Maine-ia(c)s’ each year.” “Fiske Guide” was founded 35 years ago by former “New York Times” education editor Edward Fiske. Contact: Margaret Nagle, 207.581.3745

Medical Xpress publishes release on older adult wellness study

12 Jul 2018

[Medical Xpress](#) carried a University of Maine news release about a study by UMaine researchers about the wellness priorities of older adults. The study, led by nursing professor Kelley Strout and drawing on Hettler’s Six Dimensions of Wellness, found that maintaining wellness across different dimensions contributes to older adults’ sense of independence. The research recommends implementing community-based wellness interventions to support aging in place for older adults, focusing on marketing the interventions toward improving independence, rather than wellness, to reflect the adults’ priorities and encourage participation. Other UMaine members of the research team were psychology professor Fayeza Ahmed and sociology professor Karyn Sporer.

BDN previews ‘Birdscaping Your Yard’ talk by Roth Sept. 14

12 Jul 2018

The [Bangor Daily News](#) previewed a talk by Amber Roth, an assistant professor of forest wildlife management. Her talk, “Birdscaping Your Yard,” will focus on planning and other aspects of landscaping, keeping birds and their habitats in mind. It will take place at Moore Community Center on State Street in Ellsworth at 7 p.m. Sept. 14.

Media carry UMaine release about lobster trade research

12 Jul 2018

[EurekAlert](#), [ScienceDaily](#) and [Technology Networks](#) carried a University of Maine news release about a paper by researchers, including lead author Joshua Stoll of the School of Marine Sciences and the Mitchell Center for Sustainability Solutions, focusing on global trade related to the lobster industry. The paper maps the global trade routes for lobster, focusing on the obscured relationships between those who catch lobsters and those who consume them. Researchers found that an increasing number of countries are mediating trade between other countries, making it more difficult to track seafood across the supply chain and anticipate changes in demand. Stoll called for more attention toward complex trade routes to reduce “the impacts that global trade has on coastal communities.”

News Center Maine quotes Yarborough in report on blueberry industry

12 Jul 2018

[News Center Maine](#) quoted David Yarborough, a wild blueberry specialist with the University of Maine Cooperative Extension and a professor in the UMaine School of Food and Agriculture, in an article about decline in the wild blueberry industry. With both production and prices decreasing, Maine’s wild blueberry growers face a difficult year ahead. The 2017 crop was the smallest since 2005, News Center Maine reports. “Certainly in the current price situation those [Wyman’s of Maine] fields are no longer viable for production at the prices we have now. They have to look at the productivity of the land and what’s competitive in the current situation,” said Yarborough. A recent frost in northern Maine led Yarborough to predict a challenging year for wild blueberry growers, but he “is optimistic the industry will bounce back,” according to the report.

Innovative bridge system exceeds expectations during testing

13 Jul 2018

The University of Maine unveiled an innovative, rapidly deployable bridge system Thursday, July 12 at the Advanced Structures and Composites Center. Engineers, Maine Department of Transportation officials, business leaders, investors, researchers, staff and representatives from Advanced Infrastructure Technologies (UMaine’s licensee for the original “Bridge-in-a-Backpack”) attended the event, at which a composite bridge girder was strength-tested using computer-controlled hydraulic equipment that simulates the heaviest highway truck loads. The strength test was conducted for the first time to confirm the design modeling predictions, and demonstrate the bridge system can withstand the truck load specified in the American Association of State Highway and Transportation Officials (AASHTO) Bridge Design Specifications. The patent-pending system, developed at the UMaine Composites Center, utilizes composite material girders and precast concrete deck panels to reduce the time and logistics to build a bridge. The lightweight highway bridge superstructure can be built in 72 hours, a considerable improvement on the time it normally takes to build a bridge. In addition to significantly reducing construction time and logistics, the new bridge girders are designed to last 100 years, and the precast concrete deck is designed to be easily removed and replaced. The bridge system can be used for highway bridges, pedestrian bridges and military applications. The design is targeted for short- to medium-span bridge applications, up to 80-foot unsupported spans. “Today’s bridge test exceeded our expectations. The composite bridge withstood forces equivalent to more than 80 cars stacked on top of each other, and more than five times the HL-93 design load specified by AASHTO,” said Habib Dagher, executive director of the UMaine Advanced Structures and Composites Center. “The composite bridge girder exceeded twice the collapse strength of steel and concrete girders. Today was truly a remarkable engineering achievement made possible by research sponsored by the U.S. Army Corps of Engineers and the dedication and hard work of university researchers. “This bridge system takes advantage of the unique properties of both composite materials and precast concrete, and it is designed with construction logistics in mind. The bridge girders weigh only 1-2 tons for 40- to 80-foot spans, so that they can be erected with locally-sourced common rental cranes, making them easy to deploy in most locations. “The unique girder shape was designed to be nesting and stackable. As a result, three to four bridges can be transported on a single flatbed. This bridge system continues the University of Maine’s commitment to be a world leader in developing advanced, innovative solutions to address our nation’s infrastructure challenges. We thank the U.S. Army Corps of Engineers for sponsoring the research work.” Brit Svoboda, chairman and CEO of AIT Bridges, commented on the successful results. “As the commercialization partner of the Center’s composite arch bridge system, today’s event allowed us to showcase this new technology with potential investors as well as DOT partners and executives. We’re ready to go to market,” said Svoboda. U.S. Sens. Susan Collins and Angus King issued a joint statement about the bridge system test. “We are delighted to see the University of Maine preparing to test yet another important innovation on July 12,” they wrote. “Maine, New England, and our nation need innovative technologies that will accelerate bridge construction, reduce traffic disruptions, increase the lifespan of infrastructure, and decrease costs to the taxpayer. The private sector partners and DOT officials attending the test will help to ensure that such critical technologies are quickly brought to market. As longtime supporters of UMaine R&D, we applaud the University for its continued leadership in transportation and infrastructure innovation.” Contact: Josh Plourde, 207.907.0069

Effects of storm surge focus of three public presentations in July

13 Jul 2018

Three public presentations to learn about the effects of storm surge — rising water levels generated by storms — in three Maine estuaries will be held in Mount Desert, Belfast and Castine in July, led by University of Maine researchers. The interactive data sharing events, led by University of Maine professors Kim Huguenard and Laura Rickard, will showcase results of an ongoing, National Science Foundation-funded citizen science project to measure storm surge in estuaries of Bass Harbor and Southwest Harbor, and the Penobscot and Bagaduce rivers. Results will highlight data collected by local community members, including storm surge levels during recent storms. Discussion will focus on how this information can help communities plan for future coastal development and climate change adaptation. Presentations will be held 5–7 p.m. July 18 at Somes Meynell Wildlife Sanctuary in Mount Desert and July 19 at the Hutchinson Center in Belfast. The July 26 event will be 4–6 p.m. at Witherle Library in Castine. For more information or to request a disability accommodation, contact Laura Rickard, sensingsurge@gmail.com.

Woodruff to discuss sea level, extreme floods at DMC

13 Jul 2018

Winter 2018 in New England was one for the record books in terms of coastal flooding. Portland, Maine recorded high-water levels not experienced since the Blizzard of 1978. University of Massachusetts associate professor Jon Woodruff will talk about “High water, extreme floods and coastal systems” at 10:30 a.m. July 20 in Brooke Hall at the University of Maine Darling Marine Center. Woodruff will discuss how changes in tides, sea level and storm activity have influenced flooding in the region the last two centuries. He has evaluated impacts of 2018 storm events on beaches, marshes and estuaries in southern New England, highlighting the important role of storms in the evolution of coastal landscapes. Woodruff, a faculty member in the UMass Department of Geosciences, specializes in sediment dynamics in coastal, estuarine and fluvial systems, studying how storms and floods are recorded within rocks of the Earth’s crust. The talk is part of the DMC’s free, public Friday science seminars. To preregister and for a description of other seminars and speakers, visit the [DMC website](#). For more information or to request a reasonable accommodation, call 207.563.3146.

Fried quoted in AFP article on Supreme Court pick

13 Jul 2018

Agence France-Presse quoted Amy Fried, a professor and chair of the political science department at the University of Maine, in an article about Brett Kavanaugh, President Donald Trump’s nominee for the U.S. Supreme Court. Some have expressed concerns about his stance on issues including women’s rights and health care. Kavanaugh’s confirmation could depend on key votes from Sens. Susan Collins (R-Maine) and Lisa Murkowski (R-Alaska), “pro-choice moderates with a penchant for rebellion,” according to the article. But Fried expects Sen. Collins to vote for the nominee, as she has typically done in the past. Sens. Collins and Murkowski, along with several Democratic senators in primarily Republican states, face a challenging decision. “They’re in a difficult situation. You don’t want to make your own base angry,” said Fried. [Yahoo News](#), [News18](#) (CNN in India) and [NDTV](#) (New Delhi Television) carried the AFP report.

BDN reports UMaine a partner in career network to attract, retain employees

13 Jul 2018

The [Bangor Daily News](#) reported the University of Maine is partnering with Maine Career Connect to create a network to help attract and retain employees at Maine businesses. Maine Career Connect (MCC) is a nonprofit organization working with businesses to ease the transition into Maine for those hired from out-of-state, according to the BDN. The Dual Career Network educates businesses on how to attract and retain employees and help their families transition to Maine. The network will host free monthly workshops beginning July 18. Michelle Hale, senior human relations partner at UMaine and a project leader for the network, told the BDN the first meeting will focus on MCC’s Partner Accommodation Program and how businesses can implement it. Following meetings will be determined by members’ interests.

Fiddlehead Focus previews Extension ‘Cooking for Crowds’ workshops

13 Jul 2018

[Fiddlehead Focus](#) previewed a University of Maine Cooperative Extension workshop series, “Cooking for Crowds.” The hands-on workshops will focus on methods to safely prepare, handle and serve food to large groups, and are aimed at volunteers who serve food for group functions. The workshops meet Good Shepherd Food Bank food safety training requirements. Workshops will be held at the Madawaska Safety Complex 1–4 p.m. Aug. 14; at the Van Buren Community Center 1–4 p.m. Aug. 16; and at the Fort Kent Community High School 6–9 p.m. Aug. 21.

Media report on testing of new bridge at Advanced Structures and Composites Center

13 Jul 2018

[WABI](#) (Channel 5), [News Center Maine](#), [WVII](#) (Channel 7) and [Engineering.com](#) reported on the July 12 reveal and testing of a composite bridge project at the University of Maine Advanced Structures and Composites Center. The event was a test of the bridge’s capacities, with a goal to load the bridge with up to 120,000 pounds without breaking it. Students and faculty in civil engineering designed and built the product. It’s intended to be constructed within 72 hours and last for 100 years with little to no maintenance, both increasing the efficiency of the process and reducing costs. “It’s made with a composite girder and a concrete deck on top of it. The composite girder weighs less than two tons on a large span which makes it very easy to build,” said Habib Dagher, executive director of the Composites Center. “We can put up to four two-lane bridges on one flatbed truck with this technology, and we only need a small crane to build the bridge.” The goal is to produce the bridges in Maine, which will create jobs, then sell them throughout the country. [The Maine Edge](#) carried a UMaine release about the project, and [Composites Manufacturing](#) magazine and [Construction Equipment Guide](#) adapted the release. [Construction Dive](#) and [Global Construction Review](#) also reported on the project.

BDN interviews Garland for article on chemical-free pest control

13 Jul 2018

The [Bangor Daily News](#) interviewed Kate Garland, a horticultural professional with the University of Maine Cooperative Extension, for an article about chemical-free pest control. The article offered “simple, eco-friendly and effective” solutions to pest problems in gardens. Garland recommends above all to visit your own garden on a regular basis to become aware of problems as soon as they emerge. The next step is to identify a specific pest so it can be targeted strategically. People can try this on their own using identification guides, or send samples to Cooperative Extension or the Maine Organic Farmers and

Gardeners Association for professional consultation. Recommendations for eliminating pests organically include picking them off plants by hand, using barriers such as row covers, cleaning up debris, spraying plants with water and other chemical-free tactics. “Oftentimes people are surprised at how simple the solution is once they identify it and work with us,” said Garland.

Sociologist uses Twitter to research criminological behavior online

16 Jul 2018

In the modern era of social media, more than 300 million people use Twitter to share news and engage in online conversations. This provides a glimpse into the minds of a diverse public, making Twitter a useful tool for researchers to study people who sympathize and promote extreme violence. Karyn Sporer, University of Maine assistant professor of sociology, is analyzing a subsample of more than 4,300 tweets looking for emerging themes that justify violence. One of her goals is to help agencies find strategies to counter violent extremism and radicalization. The project, “Justifications for violence: How jihadist sympathizers rationalize terrorism and mass murder,” focuses on related tweets occurring within 24 hours surrounding three separate mass-casualty events: the Paris coordinated event in November 2015, and the Orlando Pulse Nightclub event and Nice cargo truck event in June and July 2016, respectively. The three were chosen because of their similarly high number of casualties, intense media focus and social response. The UMaine project is one of six awarded Summer Faculty Research Funds by the UMaine Office of the Vice President for Research and Dean of the Graduate School. A full story about Sporer’s research is [online](#). Contact: Christel Peters, 581.3571

Shanghai social work students visit UMaine

16 Jul 2018

Eight undergraduates and one professor from the social work department of Shanghai Ocean University (SHOU) in Shanghai, China are here for a three-week exchange with the University of Maine School of Social Work and the Intensive English Institute (IEI) July 1—20. The students are receiving English language support from Erin-Kate Sousa of the IEI and social work lectures from Nancy Kelly, field education director in the School of Social Work. They will also tour various local social work organizations including the Department of Health and Human Services, the Maine Red Cross in Bangor, the Phillips-Strickland House (an assisted living facility), the Health Equity Alliance, the YMCA and the Game Loft in Belfast. The group will also engage in cultural activities including visits to Acadia National Park, Bangor’s Fourth of July festivities, the outlets of Freeport, UMaine’s Hudson Museum, Page Farm and Home Museum, ice skating in the Alford Arena and eating lobster. This is the second year students from SHOU have come to UMaine.

Beal quoted in Press Herald article on new, aggressive green crab variant

16 Jul 2018

The [Portland Press Herald](#) quoted Brian Beal, a professor of marine ecology at the University of Maine at Machias, for an article on a new, more aggressive variant of invasive green crabs. As coastal currents carry these new crabs down into Maine waters from Nova Scotia, they pose an additional threat to soft-shell clams and eelgrass that have already been decimated by the crabs’ less aggressive relatives, the Press Herald reports. Researchers at the University of New England are studying both varieties in an attempt to learn more about them and inform possible solutions to the invasion. It is almost impossible to tell the difference between the varieties just by looking at them, the article states. But the differences in behavior are striking — a video made by the researchers shows a Maine green crab running away from a researcher’s finger, while the crab from Nova Scotia attempted to attack the camera before the researchers attempted to approach the animal themselves. Efforts have been made to trap green crabs and use them for food and other purposes, but Beal said a large-scale commercial green crab fishery in Maine has limited potential and would not be economically efficient enough for fishermen to invest their efforts. The only solution so far seems to be adaptation. “All that I am seeing says that as seawater temperatures continue to warm, we are going to see higher rates of predation simply because these organisms’ metabolism and their behavior changes with temperature,” said Beal. The [Kennebec Journal and Morning Sentinel](#) carried the Press Herald article.

BDN interviews Lichtenwalner for article about livestock parasites

16 Jul 2018

The [Bangor Daily News](#) interviewed Anne Lichtenwalner, an associate professor of animal and veterinary sciences and the director of the University of Maine Veterinary Diagnostic Laboratory, for an article about livestock parasites. In Maine, the two most common zoonotic parasites — those able to move between livestock and humans — are *Ascaris suum* (roundworm) and *Cryptosporidium* (a microscopic parasite commonly found in cows), according to the BDN. Preventive measures include avoiding the use of pig or cow manure as fertilizer for crops, always washing hands after touching manure and washing fresh vegetables before consumption, as well as washing hands after touching any farm animal. “You are protected by your innate and acquired immune system. When you are healthy and practice good hygiene there are not too many things that can get you, but you do need to be savvy and protect yourself,” said Lichtenwalner. “Check and clear your animals for worms before bringing them home and keep up with a worming program. And always, always wash your hands after working with them or working in the garden.

MD Islander, VillageSoup preview storm surge talks

16 Jul 2018

The [Mount Desert Islander](#) and [VillageSoup](#) previewed talks by University of Maine researchers Kim Huguenard and Laura Rickard about the effects of storm surge July 18 and 19. The first talk will take place at the Somes-Meynell Wildlife Sanctuary from 5—7 p.m. July 18, according to the MD Islander. The second talk will take place at the UMaine Hutchinson Center from 5—7 p.m. July 19, VillageSoup reports. The interactive data-sharing events will showcase results of an ongoing citizen science project funded by the National Science Foundation to measure storm surge in three Maine estuaries. The discussion will involve how this information can help communities plan for climate change adaptation and future coastal development. The events are free and open to the public.

Fernandez interviewed for BDN article on Maine soil

16 Jul 2018

The [Bangor Daily News](#) interviewed Ivan Fernandez, a professor of soil science at the University of Maine, for an article on Maine soil. Above all, Fernandez emphasizes that soil is not dirt — there is so much more to it. With a classification system identifying 23,000 different series across the country and 119 in Maine, soil has a diverse array of forms and serves many purposes, from agriculture to storing water and antibiotics. The soils in Maine are relatively young, dating back to the last ice age about 10,000 years ago, Fernandez told the BDN. Glaciers deposited clay, clay mixtures, silt, sand, gravel and boulders across the state in different combinations and distributions. The soil in Aroostook County, for example, contains more calcium carbonates that supply nutrients to plants, making it an ideal place for the region's well-known agriculture. Maine even has an official soil, the Chesuncook series, which is widely distributed throughout the state and is a very deep, moderately well-drained soil formed by glacial till. Fernandez said people should know their soil, and for soil that is too sandy or too full of clay, he recommends adding fresh organic materials to help sandy soil hold water and nutrients, and to help clay-like soil drain better. Soil can play a role in climate change as well by storing carbon. "If we do things that add carbon to the soil by adding manures and sustainable cropping and sustainable forestry, the soil has a tremendous capacity to increase its carbon content [and] that is a way to address greenhouse emissions as we deal with climate change," Fernandez said, noting the importance of caring for soil. "It won't take much to degrade [the soil] if we stop paying attention to it, and that will cost us all."

MAIER receives funding renewal from Maine Department of Education

17 Jul 2018

The Maine Autism Institute for Education and Research (MAIER) at the University of Maine has received an \$849,000 grant from the Maine Department of Education to continue its Early Start Maine program. Early Start Maine is an early intervention model that provides training, consultation and ongoing support statewide to providers working with young children ages 1 to 4 who are on the autism spectrum and their families. The program is based on the Early Start Denver program from Colorado. The Maine Department of Education grant is a renewal of funding the Maine Autism Institute has received since 2015 for the Early Start Maine program. Additional funding this year came from federal funds, passed through the state Department of Education, intended to provide services for children from birth to age 2. MAIER director Deborah Rooks-Ellis says there is strong support from both the executive branch — the Department of Education and the Governor's Office — as well as the Maine Legislature for early intervention services to address emerging or already developed signs of autism. To date, 254 children and their families have received Early Start Maine intervention services and 32 primary service providers across the state have been trained and supported on the model. On average, the program serves 60 children and families at a given time.

Eos: Earth and Space Science News reports on study by UMaine grad student

17 Jul 2018

[Eos: Earth and Space Science News](#) reported on a study led by Amanda Gavin, an ecology and environmental sciences graduate student at the University of Maine. The study investigated the effects of acid rain and climate change on freshwater lakes. The researchers analyzed a subset of high-elevation Maine lakes, which are more sensitive to environmental change than lower-elevation lakes and are considered sentinel sites that could warn of further changes. The study tracked the fluctuations in concentrations of dissolved organic carbon (DOC) resulting from environmental changes over a 30-year period. DOC is naturally occurring, but its presence and distribution have been increasing as a result of climate change. The study's results established a baseline for the sensitivity of northeastern U.S. lakes to climate change and suggested that broader change could be coming.

Rhode Island Public Radio interviews Bayer about blue lobsters

17 Jul 2018

[Rhode Island Public Radio](#) interviewed Robert Bayer, the executive director of the Lobster Institute at the University of Maine, for a report on blue lobsters. A bright blue lobster was recently caught in Rhode Island and kept temporarily for public viewing at The Lobster Shack, a co-op market and restaurant in Newport, Rhode Island. It has now been released back into the ocean, according to the report. While about one in 2 million lobsters is blue, according to the Lobster Institute, Bayer said they are seen every year. "It seems to be a simple genetic trait. We have bred blue lobsters, male to female, and of course, all of their offspring are going to be blue," said Bayer.

Haigh speaks to WABI about call for volunteers for senior mood change study

17 Jul 2018

Emily Haigh, an assistant professor of psychology at the University of Maine and the director of the Maine Mood Disorders Lab, spoke to [WABI](#) (Channel 5) about an upcoming study at the lab and called for volunteers. The Department of Psychology is looking for volunteers age 60 or older who are willing to travel to the UMaine campus for study sessions. The paid research study will investigate emotional and physiological responses to mood changes, and will consist of three sessions. The sessions include an interview, a physiological recording while completing a computer task and a questionnaire. Each session also is accompanied by financial compensation. For more information or to sign up, contact 518.8089 or mainemooddisorderslab@gmail.com.

Bayer quoted, Lobster Institute cited in media reports on white lobster

17 Jul 2018

[Newsweek](#) quoted Robert Bayer, the executive director of the Lobster Institute at the University of Maine, and the [Irish Times](#) cited Lobster Institute statistics in reports on a white lobster caught in West Cork, Ireland. Only one in 100 million lobsters is white, according to the Lobster Institute. Fisherman Donagh O'Connor caught the white female lobster, and when learning how rare they are, he and his crew decided to donate it to the Oceanworld Aquarium in Dingle, Ireland in hopes of breeding more white lobsters. "We've never had the chance to breed albino lobsters. They're generally donated and not usually for sale. The most important thing about lobster conservation is protecting the breeding population," Bayer told Newsweek, adding that the white lobster would be the only variation that "doesn't turn colors when you cook it."

Social media spotlight: Sara Shelley

17 Jul 2018

Hometown: Westchester County, New York Sara Shelley is a rising senior wildlife ecology major. She's considering a career working to conserve endangered species. She wants to spread awareness about the importance of all species and educate the public about ways it can help. Shelley's a member of the UMaine Dance Team and has taken supplies to families in Peru with Blue For Peru. This summer, she's volunteering at The Rhino Orphanage in South Africa. "Some nights I sleep with the smallest baby rhino, Ray (who's about 3 months old and weighs about 200 pounds). Other nights, I wake up every three hours to make milk and bring it to the many other rhinos here at the orphanage. Baby rhinos think about milk 24/7; I'm convinced even when they're sleeping. First thing in the morning, I usually take Ray for a walk in the bush, so he can be stimulated and learn how to eat grass like a big rhino. They're like big dogs — they think they can fit on your lap, and they want to sleep with you on your bed. They're very curious about the world around them and follow your every step. We're standing in as their moms, so the smaller rhinos rely on us. Every single animal has its own personality, and it's rewarding learning how each of them thinks, and gaining their trust and helping them grow to be independent individuals ready to be released back into the wild. At UMaine, I love the sense of community. UMaine is filled with students who are open-minded, outdoorsy, dedicated and fun. I enjoy being outside, exploring everything the world has to offer and spending nights with friends. I also really like food." See posts featuring Shelley on UMaine's [Facebook](#), [Twitter](#) and [Instagram](#) pages.

Retired UMFK professor Steven Selva donates lichens to UMaine Herbarium

17 Jul 2018

Thousands of specimens from the state's largest collection of lichens, curated by world-renowned lichenologist Steven Selva at the University of Maine at Fort Kent, have been moved to the University of Maine Herbarium. Additional specimens from the collection are expected to be offered to the New York Botanical Garden. <https://www.youtube.com/watch?v=VvsBfK7Rn-U> [Read transcript](#) Selva, a member of the University of Maine at Fort Kent faculty from 1976 until his retirement in 2013, established a [lichen research program](#) and herbarium. The herbarium contained the largest collection of lichens in Maine (almost 75,000 specimens), including the largest collection of calicioid lichens and fungi in northeastern North America and the largest collection in the world of lichens from old-growth forests of northeastern North America's Acadian Forest Ecoregion, according to the herbarium's website. These lichen collections were part of Selva's investigation into the role lichens play in assessing forest continuity. The addition of about 11,000 Selva lichen specimens will more than double the size of the lichen collection in the [University of Maine Herbarium](#) in Winslow Hall. According to Jim Hinds, a member of the herbarium advisory group and an expert on lichens, these added specimens are important for UMaine's lichen collection because they are from northern Maine, which is under-represented in UMaine's current collection. UMaine's herbarium, which is affiliated with the School of Biology and Ecology, documents the flora of Maine with nearly 100,000 specimens and an [online database](#). Its collections of algae, fungi, lichens, mosses and vascular plants support UMaine teaching, research and service missions. Contact: Cleo Barker. 207.581.3729, cleo.barker@maine.edu

Transcript

Chris Campbell: We're in the University of Maine Herbarium, which has been around at least as long as the university. We have collections that predate the formation of the University of Maine here. In this facility that houses five different collections, vascular plants, the higher plants — trees and flowers — algae, fungi, mosses and the collection that we're focusing on today. We're the beneficiaries of an amazing collection of lichens from northern Maine that include lichens that we have not got well-represented in our collection. **Steven Selva:** We brought a collection of lichens that are all from Maine — Maine lichens that we had in our collection — and there's roughly 2,000. A lichen as a group, they are classified with the fungi. All fungi need carbon, like all living things do, and they get it from what they're growing on. **James Hinds:** I would say it's magnificent because he's a world-class collector of stubble lichens and our collection was extremely weak stubble lichens. He's got better coverage of the crust and we've got better coverage of macro lichens and when you put them together, we've got a really excellent collection for all groups. This has become the go-to place for anybody wanting to know where lichens are in the country and which species are where. **Chris Campbell:** We're heavily dependent on the natural world, what's out there. We may think we can do everything on our own, but we're heavily dependent on plants, trees, all sorts of aquatic organisms, and the only way you know about them is to study them. The Herbarium is a storage facility that enhances the understanding of this natural world and its study. [Back to post](#)

Rescheduled: American Unagi founder to talk at DMC about eel aquaculture

26 Jul 2018



[caption id="attachment_61829" align="alignright" width="223"] Sara Rademaker[/caption] *Editor's note: This event has been rescheduled for Aug. 17.* Elvers are a valuable fishery in Maine, but a lot of the catch is shipped to Asia, grown to maturity, then sold back to U.S. markets. But Sara Rademaker, founder of American Unagi, keeps some profit here in Maine. Using business incubator facilities at the University of Maine

Darling Marine Center, she grows locally sourced wild elvers to market size for the restaurant industry. In her talk, "Growing eels in Maine," Rademaker will share her experience about building her business from basement startup to future commercialization. The seminar begins at 10:30 a.m. Aug. 17 in Brooke Hall at the DMC in Walpole. Rademaker earned a degree in fisheries and aquaculture at Auburn University and participated in Auburn's USAID program in Uganda developing commercial aquaculture. She came to Maine as an AmeriCorps volunteer at the Herring Gut Learning Center in St. George. Through American Unagi, Rademaker has deepened her Maine roots by connecting the local elver fishery to the growing aquaculture industry. Rademaker's talk is part of the DMC's science seminar series. The free, public Friday seminars provide opportunities to discuss current marine research. Visit dmc.umaine.edu/seminars to preregister and for the list of other featured speakers and topics. For more information, or to request a reasonable accommodation, call 207.563.3146.

Gerbi named associate dean for research

18 Jul 2018



[caption id="attachment_61833" align="alignright" width="223"] Christopher Gerbi Christopher Gerbi has been named associate dean for research in the College of Natural Sciences, Forestry, and Agriculture, and associate director of the Maine Agricultural and Forest Experiment Station. Gerbi joined the School of Earth and Climate Sciences as faculty in 2007 and will be promoted to the role of professor on Sept. 1. He will retain his faculty position part time, continuing with both teaching and research. The college plans to announce a second part-time associate dean for research this summer. Gerbi succeeds Jessica Leahy, who served as interim associate dean and director following Frederick Servello's promotion to dean of the college and director of the experiment station. In his new role, Gerbi will work with Servello on strategic initiatives to enhance the college's research scope, quality and capacity. "I look forward to working with the college's units and facilitating interdisciplinary research across campus to expand and strengthen our wonderful research programs. The faculty, staff and students within the college already contribute a great deal to the state, and even more opportunities are on the horizon," Gerbi said. Gerbi's teaching and research focus on the material properties of rocks and ice, with recent field sites in Maine, Ontario and Alaska. He has also worked on teams to develop modeling software that calculates the properties of polycrystalline materials. In 2014, he received the college's graduate mentor award. Prior to joining UMaine's faculty, Gerbi was a visiting assistant professor at Bowdoin College and Norwich University. He earned his doctorate at the University of Maine, his master's degree from University of California, Davis, and his bachelor's degree from Amherst College.

Fiske Guide names UMaine among 300 best colleges, MaineBiz reports

18 Jul 2018

[MaineBiz](#) reported the University of Maine was named one of 300 "best and most interesting" colleges in the 2019 Fiske Guide to Colleges. The guide evaluates colleges in the United States, Canada, Great Britain and Ireland. The guide's report on UMaine highlights aspects of the institution including the Flagship Match scholarship program for out-of-state students; the state's only Division I athletics program; academic programs including marine sciences, engineering and honors; and the range of options for housing, dining and student activities on campus.

WVII quotes Rebar in report on new state laws

18 Jul 2018

[WVII](#) (Channel 7) quoted John Rebar, the executive director of the University of Maine Cooperative Extension, in a report on new Maine laws. After the end of the current special legislative session, bills approved by lawmakers will become law within 90 days, including initiatives to require fingerprinting and background checks for childcare workers, WVII reports. Another bill requires at least 20 percent of state government food to be purchased locally by 2025. The University of Maine system has already surpassed that statistic, but has no plans to hold back. "It certainly could be more than the 23 percent where we're at. That represents about \$1.5 million into the food-based economy of Maine," said Rebar. "And we want to see that number grow."

UMaine researchers to receive funding for lobster research, media report

18 Jul 2018

The [Portland Press Herald](#), [Fish Information and Services](#), [The Weekly Packet](#), [The Ellsworth American](#) and the Associated Press reported several research projects at the University of Maine will receive funding obtained by the Maine Department of Marine Resources from the sale of lobster license plates. The funding will go to five UMaine projects led by professors in the School of Marine Sciences, one project at the Gulf of Maine Research Institute and several mini grants. Data from the projects will be shared through a research collaborative to address the impact of the changing ocean environment on Maine's lobster industry, according to the Press Herald. Yong Chen will receive three grants for \$190,000 to investigate the impacts of conservation management, project changes in lobster habitat driven by climate change and evaluate state monitoring programs that document habitat changes. Richard Wahle will receive

\$40,000 to study the relationships between lobster larvae and zooplankton. Robert Steneck will receive \$10,000 to research connections between lobster larvae settlement, kelp forests and density near shore of different size lobsters. The UMaine recipients of \$5,000 mini grants are Jeffrey Runge, a professor of oceanography, and Damian Brady, an assistant research science professor. [WABI](#) (Channel 5), [News Center Maine](#) and the [Bangor Daily News](#) carried the AP report.

WABI, WVII interview Sporer about research on terrorism, Twitter

18 Jul 2018

[WABI](#) (Channel 5) and [WVII](#) (Channel 7) interviewed Karyn Sporer, an assistant professor of sociology at the University of Maine, about her research on the role of Twitter in terrorists' justification of violence. Sporer began the research and analysis of the tweets when she was at the University of Nebraska, and continued the project when she came to UMaine, according to WABI. She looks for tweets posted within 24 hours of mass casualty terrorist attacks, analyzing any themes present that are used to justify violence. These include justifications also used to defend crimes such as theft and abuse, like ideology and hypocrisy. "The main point was to see how the internet played a role in that process of spreading propaganda, disseminating various information, like training guides," Sporer said. Sporer hopes her research will raise awareness around the issue and help agencies develop strategies to counter extremism and radicalization through counter-messages. She uses the research in the classroom as well. "One thing that's important for students or anyone in general to realize is that terrorism isn't just Islam, radical Islam, but we have terrorism here in the U.S. Far-right extremists, drug wars, paramilitary violence, all of these fall under the threshold of what is terrorism, what is violence," said Sporer. [Phys.org](#) and [The Maine Edge](#) carried a UMaine release about the research.

Team awarded \$1.17M to help protect forest workers from tick-borne illnesses

19 Jul 2018

A team of University of Maine researchers has been awarded \$1.17 million from the U.S. Department of Agriculture to develop and test land management practices to protect Maine forest workers from exposure to tick-borne diseases. The three-year project, "Developing adaptive forest management practices to mitigate impacts of climate change on human health," is being led by Allison Gardner, an assistant professor of arthropod vector biology, and Carly Sponarski, an assistant professor of human dimensions of wildlife and fisheries conservation. Other UMaine researchers involved in the study are Jessica Leahy, a professor of human dimensions of natural resources, and Anne Lichtenwalner, a professor, veterinarian and director of the Animal Health Laboratory. Laura Kenefic, a research forester with the U.S. Forest Service Northern Research Station, also is working on the project. By integrating natural and social science research, extension and education, the team aims to develop and test adaptive land management practices to protect private forest owners, foresters and loggers against exposure to tick-borne diseases. They also hope their recommendations will manage the spread and persistence of tick-borne diseases in Maine's forests. "Our forest management decisions can have dramatic effects on the abundance and behavior of vertebrate hosts of tick-borne pathogens and also the abiotic conditions that influence tick survival during the large proportion of the tick life cycle spent off-host," Gardner says. "Because our state is dominated by forest land cover, it is important that Mainers understand the numerous ecosystem services provided by healthy forests, including buffering zoonotic disease transmission." Maine has experienced a fivefold increase in Lyme disease cases over the past decade, likely due to climate change and land use change, according to the researchers. The increase in cases combined with the high percentage of nonindustrial private land ownership in southern Maine, they say, provides an urgent need and a unique socio-ecological context to investigate the effects of forest management on infectious disease transmission. "A lot of land is privately owned in Maine, creating a unique context for large landscape management practice," Sponarski says. "We need to work together with private landowners to come to creative solutions on how to mitigate disease spread and keep people healthy." Forest workers are at particularly high risk of contracting tick-borne illnesses due to their frequent exposure to ticks. The team plans to conduct applied ecological research to understand the impact of timber harvesting on risk of exposure to tick-borne diseases. They also plan to conduct applied social science research to understand the economic, environmental and production factors that influence private forest landowners' decision-making processes related to land management and tick-borne disease prevention. Results will be used to inform practical recommendations to mitigate the impacts of climate change on tick-borne disease transmission that are based on scientific data and compatible with landowners' economic interests. Other long-term goals of the study include understanding how land management can alter infectious disease transmission in the context of an urgent public health problem in the country; analyzing and forecasting how landowner decision-making may alter risk of human exposure to infectious disease on the front lines of climate change; and developing place-based, interdisciplinary education models to engage students and forest workers in promoting resilient agroecosystems and protecting community health while sustaining a robust forest product supply chain. Funding for the project comes from the USDA's National Institute of Food and Agriculture (NIFA) and is made possible through NIFA's Agriculture and Food Research Initiative (AFRI) program, authorized by the 2014 Farm Bill. Contact: Margaret Nagle, 581.3745

Frey to demonstrate basketmaking at Hudson Museum artist showcase

19 Jul 2018

Gabriel Frey will demonstrate the ancient tradition of brown ash and sweetgrass basketry at an artist showcase 10–11 a.m. Aug. 1, in the Hudson Museum at the Collins Center for the Arts. Frey, a 13th-generation Passamaquoddy basketmaker, also will share new directions that he's taking the tradition. Frey specializes in pack and utility baskets. He integrates his style — including incorporating leather straps and leather liners — with techniques and lessons he learned from his grandfather, Fred Moore. The artist showcase is free and open to the public. For more information, visit the Hudson Museum [website](#). Also for more information or to request a reasonable accommodation, call 207.581.1904. To learn more about Frey, here's a [story](#) written just prior to the 2016 Maine Indian Basketmakers Holiday Market.

Howard recent guest on MPR News

19 Jul 2018

Michael Howard, a professor of philosophy at the University of Maine, was a recent guest on [Minnesota Public Radio](#)'s "MPR News with Kerri Miller" radio show. The show's topic was the practical aspects and challenges of implementing universal basic income in the United States, and whether or not it could be a solution to poverty.

Fiddlehead Focus previews Extension Aroostook field day Aug. 8

19 Jul 2018

[Fiddlehead Focus](#) previewed the University of Maine Cooperative Extension's Agricultural Field Day at UMaine's Aroostook Research Farm in Presque Isle. The free event, from 8 a.m.–3 p.m. Aug. 8, is open to all agricultural providers and will include presentations on topics like potato cultivation, nutrient management and late blight control, Fiddlehead Focus reports. UMaine presenters include Jay Hao, an assistant professor of plant pathology, Andrei Alyokhin, a professor of entomology, Gregory Porter, a professor of agronomy, and Sukhwinder Bali and Lakesh Sharma, extension assistant professors of sustainable agriculture at the University of Maine at Presque Isle. For more information or to request a reasonable accommodation, contact Sharma at 207.498.0316 or lakesh.sharma@maine.edu.

The Qualitative Report publishes research by De Urioste-Stone, Daigle, Silka

19 Jul 2018

University of Maine faculty members Sandra De Urioste-Stone, an assistant professor of nature-based tourism, John Daigle, an associate professor of forest recreation management, and Linda Silka, a senior fellow at the Senator George J. Mitchell Center for Sustainability Solutions, were co-investigators on the study, "[Understanding the Perceived Effectiveness of Applying the Visitor Experience and Resource Protection \(VERP\) Framework for Recreation Planning: A Multi-Case Study in U.S. National Parks](#)," published in The Qualitative Report (Vol. 23 No. 7; 2018).

UMaine Extension offers hay directory to growers, buyers

20 Jul 2018

University of Maine Cooperative Extension offers the online [Maine hay directory](#) as a means to connect buyers and sellers of Maine hay products. "It is important for livestock farmers to find quality feed for their animals," says Rick Kersbergen, Extension professor of sustainable dairy and forage systems. "Quality forages are the backbone of any feeding program for ruminants and horses, and is the cheapest source of nutrients as compared to grain and grain by-products." Consumers should always understand quality and use a forage test when available, especially since hay prices continue to rise. It is important to know what you are buying and how to feed it for profitable livestock farming. The hay directory lists products for sale by county, and links to more information about testing hay quality. Buyers can search for local sources and sellers can list their products with a description, including type and quality if tested. To get your products listed, visit the [website](#) or contact Sonia Antunes, sonia.antunes@maine.edu, or BillieJo Pendleton, billiejo.pendleton@maine.edu, or call 207.342.5971.

AP reports on USDA grant awarded to UMaine for tick research

20 Jul 2018

The Associated Press reported on a \$1.17 million grant awarded to University of Maine researchers by the U.S. Department of Agriculture for research on protecting forest workers from tick-borne diseases. The grant will fund the development and testing of land management practices to protect forest workers, who are members of key industries in Maine but are at a greater risk of exposure to ticks and the diseases they carry, AP reports. The project is being led by Carly Sponarski, an assistant professor of human dimensions of wildlife and fisheries conservation, and Allison Gardner, an assistant professor of arthropod vector biology. [Maine Public](#) and [WABI](#) (Channel 5) carried the AP article, and [Mainebiz](#), [LymeDisease.org](#) and [Morning Ag Clips](#) carried a UMaine release about the grant.

Extension a partner in upcoming policy meetings, Fiddlehead Focus reports

20 Jul 2018

[Fiddlehead Focus](#) reports the University of Maine Cooperative Extension is one of a number of organizations partnering to create an agriculture policy platform with input from farmers. The goal is to create a policy platform that will create farmer profitability and retention, and inform the next governor and the legislature about the needs of farmers for successful agriculture. The organizations are developing activities including town meeting-style gatherings and webinars, and would like input from farmers on scheduling, according to Fiddlehead Focus. Agricultural producers can provide input on preferred meeting times through a [survey](#) available until July 27. [The County](#) also posted the Extension announcement.

Study supports Maine's current management practices for ruffed grouse hunting

20 Jul 2018

Maintaining current hunting regulations for ruffed grouse will help ensure sustainable population management in the state, according to a new University of Maine study. Ruffed grouse live in Maine's forests year-round and are popular quarry among hunters, including a substantial number of non-resident hunters who travel to Maine to pursue the birds each year. The Maine Department of Inland Fisheries and Wildlife (MDIFW) sets hunting regulations for ruffed grouse during a season that is held from October through December. The study was led by graduate student Samantha Davis, and was conducted in collaboration with MDIFW biologists. It is the first such study to compile state-specific population information for ruffed grouse, including survival and harvest rates. The researchers tracked 248 radio-marked ruffed grouse in two areas in central Maine between 2014 and 2016, and used these data to analyze how survival rates of ruffed grouse differed among age- and sex-classes and throughout the year. The team also evaluated the rate of ruffed grouse harvest by hunters during the three-month hunting season. In Maine, ruffed grouse are relatively abundant and appear to have stable populations, compared with other regions of the United States where habitat loss and forest succession are often implicated in population declines. However, there have been local concerns in Maine about the length of the hunting season for ruffed grouse, especially during December when late-season hunting may overlap with the birds' natural transition from ground foraging to budding in trees during the winter as a survival strategy. Understanding how timing of harvest related to survival during the bird's annual cycle was a primary goal of the research. The analysis revealed that survival was the lowest during October, at the beginning of the hunting season, and this was primarily due to harvest. In contrast, hunter harvest during November and December was much lower. Substantial mortality unrelated to harvest occurred during the winter months after the hunting season ended. Other factors, including migration of raptors (a predator of grouse), weather and snow conditions likely contributed to these seasonally changing patterns in survival. The researchers concluded that late-season harvest of ruffed grouse was

not excessive, and recommend maintaining the current hunting season and using additional monitoring to evaluate population responses to any future changes in harvest rates. “Our results are comparable to other range-wide studies and suggest that current hunting regulations for ruffed grouse in Maine are consistent with sustainable population management,” according to the researchers, whose findings were published in *The Journal of Wildlife Management*. Other researchers who contributed to the study include UMaine graduate student Joelle Mangelinckx; Erik Blomberg, an assistant professor in the Department of Wildlife, Fisheries, and Conservation Biology at UMaine; and Brad Allen and Kelsey Sullivan, biologists with MDIFW. Contact: Cleo Barker, 207.581.3729

New study finds short- and long-term depressive symptoms associated with cardiovascular disease

23 Jul 2018

Short- and long-term depressive symptoms can predict the occurrence of cardiovascular events, according to a new study by University of Maine researchers. In addition, short-term or baseline depressive symptoms increase risk for cardiovascular events for up to 15 years, and chronic depressive symptoms for up to 10 years. The study by the UMaine research team — Emily Haigh, Olivia Bogucki, Peter Dearborn, Michael Robbins and Merrill Elias — published in the *Journal of Health Psychology* (published online ahead of print June 26, 2018) explored the prospective relationship between baseline and chronic depressive symptoms, and the development of cardiovascular disease over a 15-year period. Depression has been identified as a risk factor for cardiovascular disease and much of the research conducted to date has focused on depressive symptoms assessed at a single time point over a short follow-up period. However, this approach fails to capture the chronic nature of depression and the long-term effects of depression on cardiovascular health, according to the UMaine researchers. Haigh and colleagues found that both baseline and chronic depressive symptoms predict the occurrence of cardiovascular events, including chest pain, heart attack, heart disease, heart failure, mini stroke and acute stroke. Chronic depressive symptoms were found to be a risk factor for cardiovascular events up to 10 years later. The finding that baseline depressive symptoms increase risk for cardiovascular events up to 15 years later contradicts a recent meta-analysis that failed to find a relationship between depressive symptoms and future cardiovascular events when a long follow-up period (i.e., 15 years or longer) was employed. The results of this study suggest that both transient and chronic depressive symptoms are an independent risk factor for cardiovascular events. Cardiovascular disease is one of the most common medical conditions and the leading cause of death worldwide. One potential way to reduce the occurrence of cardiovascular disease is by focusing on the identification and treatment of depressive symptoms. Each member of the research group is an investigator on the Maine-Syracuse Longitudinal Study (MSLS) and employed data from that study in this investigation. The MSLS was supported by grants from the National Heart, Lung, and Blood Institute (grants no: R01HL67358 and R01HL81290) and a research grant from the National Institute on Aging (grant no: R01AG03055). The content of the paper does not necessarily reflect the official views of the National Institutes of Health. All investigators are faculty or graduate students in the Department of Psychology, the University of Maine. Professors Elias, Haigh and Robbins are collaborating professors in the Graduate School of Biomedical Science and Engineering. Contact: Emily Haigh, emily.a.haigh@maine.edu or Merrill F. Elias, mfelias@maine.edu

School of Economics study cited in BDN article on craft breweries

23 Jul 2018

The [Bangor Daily News](#) cited a March 2017 study from the School of Economics at the University of Maine in an article on craft breweries in Maine. The Maine Beer Box, a cargo container fitted with 78 taps, will be shipped to the Leeds International Beer Festival in the United Kingdom. The box brings Maine craft brews to other countries, and returns with craft beer from its destination. It was shipped to Reykjavik, Iceland last year for its debut, the Bangor Daily News reports. The study was conducted by the School of Economics and released by the Maine Brewers’ Guild. During the past decade, an average of six craft breweries opened every year statewide, according to the study. The groups are collaborating on a new study to be released this fall. A [BDN](#) article about the impact of steel and aluminum tariffs on the craft brewing industry cited the same statistic from the study.

Sun Journal quotes Howard in article on carbon tax

23 Jul 2018

The [Lewiston Sun Journal](#) quoted Michael Howard, a professor of philosophy at the University of Maine, in an article on a resolution in the House of Representatives to condemn the proposal of a carbon tax to combat climate change. Maine’s House Reps. Bruce Poliquin and Chellie Pingree split votes on the resolution. Poliquin was the only representative in New England to support the resolution, according to the Sun Journal. Howard said any increased cost to families caused by a carbon tax could be offset by a dividend plan to return revenue to taxpayers. The [Portland Press Herald](#) also published the article.

BDN cites School of Economics study in article on new compost service

23 Jul 2018

The [Bangor Daily News](#) cited a 2011 study from the School of Economics at the University of Maine in an article on ScrapDogs Community Compost, a new Maine compost collection business. ScrapDogs is the latest of several compost collection services in Maine, which are working to reduce household garbage by composting organic material and turning it into fertilizer, benefiting the environment and the economy. The company targets places from Belfast to Rockland, according to the Bangor Daily News. The study by the School of Economics found that 43 percent of garbage thrown out by Mainers is actually compostable, and two thirds of that is food waste.

Pelletreau included in National Geographic article on photosynthetic sea slugs

23 Jul 2018

[National Geographic](#) mentioned the work of Karen Pelletreau, a researcher and the manager of Workshops, Programs, and Training at the University of Maine’s Center for Innovation in Teaching and Learning, in an article about photosynthetic sea slugs. Living off the East Coast of the United States, the sea slug defies traditional rules that animals do not photosynthesize. It takes chloroplasts into its skin, turning it a bright green and allowing it to derive energy from sunlight as plants do, going up to nine months or more without eating. Scientists hope research on the slugs could yield insights in the fields of immunology and gene therapy, according to National Geographic. But the slugs are becoming rare. Pelletreau used to work extensively with the slugs, but had only found them at Martha’s Vineyard and a place in Nova Scotia. Searching locations in Maine where they had been found previously yielded nothing. Pelletreau’s research team has raised the slugs in captivity, but the process is complex and difficult enough that finding them in the wild is actually easier.

Further research would require scientists to find a way to raise a large number of the animals, the article states.

Maine Public rebroadcasting UMM documentary July 26, 28

24 Jul 2018

Maine Public Television is rebroadcasting the University of Maine at Machias documentary “Whatever Works: Exploring Opiate Addiction” at 10 p.m. July 26 and 11 a.m. July 28. The film is a production of the UMM Down East documentary class, led by fine arts faculty member Alan Kryszak. It premiered at UMM Feb. 9, 2017. The documentary features interviews with dozens of local community members, including recovered addicts, therapists, police and medical responders.

Fried quoted in Huffington Post article on Supreme Court nominee

24 Jul 2018

The [Huffington Post](#) quoted Amy Fried, a professor and chair of the political science department at the University of Maine, in an article about promotion and marketing of Brett Kavanaugh, the nominee for the U.S. Supreme Court. The article focuses on behind-the-scenes marketing efforts to promote Kavanaugh as impartial and moderate, appealing to those on both ends of the political spectrum and everywhere in between. Much of this effort is attributed to CRC Public Relations, which has a history of promoting conservative causes. But most political influencer groups, regardless of their alignment, employ these strategies to mobilize support and supply information to the media, the article states. The difference lies in recent events. The scale of such efforts on the political right has increased significantly in recent years, Fried said, using the example of financial support for the Tea Party movement. “It’s not as if the Koch brothers were paying people to be in the Tea Party. But there was a strong, well-funded set of institutions that helped organize the Tea Party and promote their message,” said Fried. “That’s not happening to the same extent on the left. It’s a much more loosely organized grassroots type of organization. They work together, but it’s more spontaneous.” The Herdon Gazette carried the Huffington Post article.

Medical Xpress publishes UMaine release on depressive symptoms, cardiovascular disease

24 Jul 2018

[MedicalXpress](#) carried a University of Maine news release about a recent study that found an association between short- and long-term depressive symptoms and cardiovascular disease. Depressive symptoms can predict the occurrence of cardiovascular events. Short-term or baseline depressive symptoms increase the risk of cardiovascular events for up to 15 years, and chronic depressive symptoms increase the risk for up to 10 years, the release states. Focusing on the identification and treatment of depressive symptoms could reduce the occurrence of cardiovascular diseases. The study by UMaine researchers Emily Haigh, Olivia Bogucki, Peter Dearborn, Michael Robbins and Merrill Elias was published in the Journal of Health Psychology. [Malay Mail](#) also reported on the study.

Jacobs interviewed for Maine Public report on getting kids outside

24 Jul 2018

[Maine Public](#) interviewed Lauren Jacobs, a lecturer in kinesiology and physical education at the the University of Maine, for a report on how to increase the time children spend outdoors. Children today are spending far less time outdoors than their parents and grandparents did, reducing their sense of connection to nature, which for a largely rural state like Maine can pose issues related to their interest and investment in the state’s future. Visits to the North Maine Woods have declined by more than one third over the past decade, and children represent a shrinking number of visitors. Children spend an average of 12 minutes per day playing outside, and more than 10 hours being inactive indoors, according to a study by the Seattle Children’s Research Institute quoted by Maine Public. Jacobs thinks many factors contribute to this tendency to avoid the outdoors. “Do they [families] live in a place where there’s outdoor space available? Do children and adults, whether justified or not, feel that outdoors is a safe place?” Jacobs said. Jacobs is helping to coordinate a minor program in outdoor leadership at UMaine, beginning in the fall, to help address the issue and equip adults to help guide others to discover, or rediscover, nature. She said schools also have an important role. “How are we prioritizing time? Are we making access democratic? Public school — that’s accessible to every kid. So how can we make sure that kids in public schools are getting time outdoors so that we know that every kid is getting access?” said Jacobs.

Media report on new Bangor mural by student artist

24 Jul 2018

The [Bangor Daily News](#), [News Center Maine](#), [WABI](#) (Channel 5), [WVII](#) (Channel 7) and [Q106.5fm](#) reported on the completion of a new mural in Bangor painted by artist and University of Maine undergraduate student Liam Reading. Spanning two walls of the Together Place Peer Run Recovery Center at 150 Union St., the mural depicts famous Maine residents and was partially funded by a grant from the Stephen and Tabitha King Foundation, the BDN reports. The figures include Maine athletes, writers, artists and historical figures, including Louis Sockalexis, a 19th century Major League Baseball player from the Penobscot Indian Island Reservation, and Dorothea Dix, a Civil War nurse from Hampden who was an important mental health civil rights advocate. “I get to honor her [Dix]. Because of her the world is an infinitely better place and most people don’t even know about her,” Reading told News Center Maine. The mural is his largest and most time-consuming piece to date, according to WABI. “It’s like an ode to the people of Maine who are influential and inspiring,” said Reading. “Just a little bit of color and inspiration for people walking by.” The center provides support for adults with mental illnesses or substance use disorders, and is based on a peer-run model, according to the BDN. “I believe in sort of cosmic alignment like the world gives you what you put out there, and it’s really just telling me I’m on the right track as an artist because a lot of people don’t believe in themselves as artists, and this is really just the first self-affirming moment in my career,” said Reading.

Birch, Wieck to perform in Opus 288 & Friends season finale concert

24 Jul 2018

University of Maine faculty members Kevin Birch, organ player and instructor of organ and harpsichord, and Anatole Wieck, violin player and professor of

music, violin/viola and orchestra, will perform as part of the group Opus 288 & Friends in a season finale concert for St. John's Organ Society's 26th season. The group will perform Josef Rheinberger's "Suite for Organ, Violin, and Cello, Opus 149." The concert will take place at St. John's Catholic Church at 207 York St. in Bangor at 7:30 p.m. Aug. 30.

UMaine mourns the loss of first-year student-athlete Darius Minor

24 Jul 2018

Darius Minor, a first-year University of Maine student-athlete and political science major from Locust Grove, Virginia, collapsed and died during a preseason football workout in Alfond Stadium on campus July 24. He was 18 years old. Darius, a defensive back, was in the third week of UMaine's Freshman Workout and taking a Summer University course when the incident occurred. "The Athletics Department, our student-athletes and the entire campus mourn the loss of this bright and promising member of our community. We ask all to keep him, his family and his friends in your thoughts," says UMaine President Joan Ferrini-Mundy. "UMaine Athletics is devastated. We extend our deepest condolences to the family during this difficult time and ask that their privacy be respected," says UMaine Interim Athletics Director James Settele. "Words cannot express the grief we have following this tragic loss," says UMaine head coach Joe Harasymiak. "Our thoughts and prayers go out to Darius' family and friends during this terrible time." Darius was one of 17 first-year student-athletes taking part in the Freshman Workout. He collapsed on the field at approximately 1:15 p.m., 15 minutes into a supervised light workout. Campus athletics training staff and local first responders were unable to resuscitate him. Darius was a 2017 All-Central Virginia first-team wide receiver and second-team defensive back at Orange County High School in Orange, Virginia. A four-year varsity starter, Darius helped the Hornets to the postseason in three consecutive seasons. As a senior wide receiver in 2017, he caught 57 passes for 763 yards and 13 touchdowns, leading the Jefferson District in all three categories. He earned All-Jefferson District first-team honors at both wide receiver and defensive back last season. "This afternoon the CAA was deeply saddened to learn of the passing of University of Maine football student-athlete Darius Minor," says CAA Commissioner Joe D'Antonio. "On behalf of the entire CAA family we extend our deepest sympathies to the University of Maine and Darius' family. Please know that you are in our thoughts and prayers during this difficult time."

Contact: Margaret Nagle, 207.581.3745

Alumnus joins staff of EMMC University Medicine — Cutler Health Center

25 Jul 2018

Family nurse practitioner and alumnus Sean Sibley has joined the staff of [EMMC University Medicine — Cutler Health Center](#) at the University of Maine. Sibley received a master of science degree in nursing from UMaine while working as a registered nurse in the intensive care unit of Eastern Maine Medical Center. His advanced practice clinical experience is in family medicine, with interests in LGBT and men's health. Clinical services at Cutler Health Center are provided by Eastern Maine Medical Center and available to all members of the UMaine community. They include allergy shots, acute and chronic care management, physical exams, women's health and physical therapy. On-site laboratory and X-ray services also are available. EMMC University Medicine — Cutler Health Center is open Monday–Friday, 8 a.m.–5 p.m. Call 207.581.4000 for an appointment, to establish a primary care physician or for more information.

Media report on Extension's hay directory

25 Jul 2018

[Morning Ag Clips](#) and the [Kennebec Journal & Morning Sentinel](#) published a University of Maine announcement about an online Maine hay directory offered by the UMaine Cooperative Extension. Consumers can use the resource "to find quality feed for their animals," said Rick Kersbergen, an Extension professor of sustainable dairy and forage systems, and sellers can list their hay by location and description, including if the hay has been tested for quality.

LaBouff recent guest on Maine Public's 'Maine Calling'

25 Jul 2018

Jordan LaBouff, an associate professor of psychology at the University of Maine, was a recent guest on [Maine Public](#)'s "Maine Calling" radio show. The show focused on why it is difficult for people to admit when they are wrong, and how that relates to conflict and divisiveness in modern society.

Blomberg interviewed for BDN article on ruffed grouse study

25 Jul 2018

The [Bangor Daily News](#) interviewed Erik Blomberg, an assistant professor of wildlife, fisheries and conservation biology at the University of Maine, for an article about a recent study of ruffed grouse. Blomberg was a collaborator on the study, along with biologists from the Maine Department of Inland Fisheries and Wildlife (MDIFW) and other UMaine researchers. The study, led by UMaine graduate student Samantha Davis, found that the MDIFW's management plan for the birds was sustainable and did not result in excessive mortality of the birds in November and December, when the birds perch in trees to feed and are more vulnerable, according to the BDN. "There was a concern, at least among some hunters, that [grouse sitting in trees that have no leaves to hide them] could lead to overharvest during that later part of the season," Blomberg said. Seventy percent of the birds die per year, but much of that is a result of predation rather than hunting, and the birds make up for the population loss. "Our overall harvest rate, when you look at all the birds we marked over the course of three years, at two study sites, was 16 percent," said Blomberg. "On the reproductive side of the coin they can offset those losses by just being highly productive." [Phys.org](#) and The Penobscot Times published a UMaine news release about the study, and the Associated Press reported on the study. [U.S. News & World Report](#), WRAL (Channel 5 in Raleigh, North Carolina) and [Outdoor News](#) carried the AP report.

New portrait schedule for UMaine community members

26 Jul 2018

Effective Aug. 1, the Division of Marketing and Communications will offer studio portrait sessions for faculty, staff and students twice a month. Portrait photos can be scheduled between 8–9 a.m. on the first Tuesday of every month, and between 4–5 p.m. the first Wednesday of every month. The Marketing and Communications photo studio is in 213 Alumni Hall. To schedule a portrait, which is free to members of the UMaine community, contact Jeannine Hashey, jhashey@maine.edu; 581.3758. Those having portraits taken are asked to come dressed in attire suitable for a professional photo. Each portrait session takes under 10 minutes. There is a \$20 fee for subsequent portrait sessions in the same academic year. Digital copies of portraits will be provided. They also are added to the Marketing and Communications photo database. For more information, contact Ron Lisnet, manager of visual media, 581.3779.

Blog by School of Marine Sciences professors now available

26 Jul 2018

A blog chronicling the recent international teaching experience of two professors in the University of Maine School of Marine Sciences is now available [online](#). Lee Karp-Boss and Emmanuel Boss just returned from teaching in the Sentinel North International Ph.D. School at the Université Laval in Québec City, Canada July 12–24. Students and mentors from 12 universities explored the role of light in arctic marine food webs, ecosystem services and human health in native societies through the interdisciplinary training program.

UMM a partner in flood protection project, Machias Valley News Observer reports

26 Jul 2018

The [Machias Valley News Observer](#) reported the University of Maine at Machias is a partner in a project to protect downtown Machias from increasing flooding events. The other partners are the Town of Machias and the Washington County Council of Governments. Members of the public learned about the Machias Waterfront Resilience & Renewal Study at a presentation June 27, the report states.

News Center Maine features Climate Reanalyzer map in reports on heat records worldwide

26 Jul 2018

The University of Maine Climate Change Institute's Climate Reanalyzer was featured in [News Center Maine](#) and [Daily Express](#) reports on heat records worldwide. Nearly the entire planet was labeled red this week, meaning most of the world experienced hotter-than-average temperatures for late July. The effects of the heatwave include wildfires in Greece, forest fires in Sweden, and an uptick in heat-related deaths in Japan, according to the Daily Express. The Climate Reanalyzer also was featured in an article by [Metro Newspaper UK](#).

The Forecaster interviews Dill for article on lone star tick 'activist'

26 Jul 2018

[The Forecaster](#) interviewed Griffin Dill, a pest management specialist with the University of Maine Cooperative Extension, for an article on a woman who has become an educational activist after being bitten by a lone star tick and developing a red meat allergy. Patty O'Brien Carrier was bitten by the tick in August while working in her garden, and after severe allergic reactions and testing discovered the source of her ailment. The lone star tick is usually found in the Southern United States, but it has been identified in several isolated cases in Maine and other parts of New England. The Cooperative Extension has offered a free tick identification service to the public for the past five or six years, according to Dill. O'Brien Carrier first heard about Dill's work when she saw him on a TV news program. She decided to meet him and since then has been sending him tick samples from her property at least once a week, the article states. No other lone star ticks have been identified. But she is still taking precautions and educating others. "What we think is going on with the tick is it's brought in on migratory birds. For the most part we think it's these isolated incidents where that's happening," said Dill. "So when someone finds one and it was acquired here we really try to follow up and do some field surveys."

WMTW quotes Birkel, Mallory in report on Maine's climate future

26 Jul 2018

[WMTW](#) (Channel 8 in Portland) quoted Sean Birkel, Maine's state climatologist and a research assistant professor at the University of Maine, and Ellen Mallory, an associate professor with the Cooperative Extension and the School of Food and Agriculture at UMaine, in a report on Maine's climate future. The average temperature in Maine has risen by two degrees over the last 100 years, according to the report. What this means for the state is more variation and more extremes in weather caused by the changing climate. "So, it's really a mixed bag," said Birkel, who uses data to map out gradual changes in climate over time. He predicts the state will experience more extreme rainfall events and rising low temperatures. Adapting to these changes is important for Maine's farmers. "We can look at how those crops might be vulnerable to different changes, higher temps, changes in rainfall patterns. Changes that we are expecting to see," said Mallory.

Trickey, Dwyer quoted in BDN article on impact of dry spell on crops

26 Jul 2018

The [Bangor Daily News](#) quoted Linda Trickey, a livestock specialist with the University of Maine Cooperative Extension, and Jim Dwyer, a crops specialist with the Cooperative Extension, in an article on the impact of this season's dry spell on crops. The northern part of Aroostook County is experiencing abnormally dry conditions. Temperatures have been above normal for July, and the total rainfall for the month so far is under 1.5 inches, compared to the average of 3.08 inches, the article states. Heavier snow earlier in the year, followed by the dry spell, is a bad combination that spelled disaster for strawberries and other crops. "Things are not growing. It's affected a lot of crops," said Trickey. "The farmers I've talked to have told me they are getting half the hay they generally get. That's going to have an impact." As for potatoes, Dwyer said the next month is critical to their growth, which requires good growing conditions including a sufficient supply of water. The rains that have come have been mostly brief downpours that are not enough to saturate the soil, according to the BDN. But Dwyer is optimistic. "Last year, we were dry, too, but got yields better than anticipated and high quality. We are hoping we will get some [rain] and

a good crop to harvest,” Dwyer said. Some farmers plan to try again next season, while others are hoping for a turnaround. For those still holding out, conservation of water is key.

Social media spotlight: Abby Elkins

26 Jul 2018

Hometown: Hampden, Maine Abby Elkins is a third-year elementary education student interning with EPSCoR this summer. “I’ve always loved going to school and had a passion for learning. My teachers always inspired me, and I wanted to be able to give back and teach future generations. I love helping others and teaching new things. This summer, I am working with EPSCoR to develop and test middle school and high school science toolkits about sustainability and aquaculture. We have activities designed to help students learn about the tragedy of the commons, DNA, natural selection, ocean acidification, pollution and so much more in a fun way. My favorite moments are when I get to go to surrounding communities or attend campus events and teach youth about how cool science can be! Outside the classroom, I teach dance, where I combine my love for dancing and for teaching. I’m also in marching band and pep band, which is a really fun way to be involved on campus and to show my love for the UMaine community. My favorite part about UMaine is the diversity, opportunities and community! There’s so much to do and so many activities to choose from. There’s something for everyone.” See posts featuring Elkins on UMaine’s [Facebook](#) and [Instagram](#) pages. *About EPSCoR*: EPSCoR stands for the Established Program to Stimulate Competitive Research, a federal program directed at states that have historically received smaller portions of federal research and development funding. EPSCoR develops partnerships between higher education institutions, industry, government, and others to effect lasting improvements in research capacity, innovation, and economic development. For more information, visit umaine.edu/epscor.

Extension offers corn weed guide, American Agriculturist reports

27 Jul 2018

The University of Maine Cooperative Extension has a new guide for conventional and organic field corn growers on how to control weeds, [American Agriculturist](#) reports. The publication offers guidelines for both chemical and nonchemical methods of weed management. “New England Guide to Weed Control in Field Corn” was developed by John Jemison, a professor of soil and water quality with the UMaine Extension, and Prasanta Bhowmik of the University of Massachusetts. “Pesticide information changes constantly, and we took this on in response to requests from agencies and the public,” said Jemison. The guide can be purchased for \$3 by calling 800.287.0274, or downloaded free from the [website](#).

The Free Press quotes Bayer in article on tariffs, lobster industry

27 Jul 2018

[The Free Press](#) quoted Robert Bayer, the director of the Lobster Institute at the University of Maine, in an article about tariffs from China and their effects on the lobster industry. The Chinese tariff on Canadian lobster is 7 percent, while the corresponding tariff on U.S. lobster is 40 percent for live lobster and 35 percent for processed lobster, the article states. The tariff was put in place in June as a response to President Donald Trump’s tariff on Chinese products, but has not yet had significant impact on the industry. The article estimates no more than 10 Maine lobster dealers have deals with China, but that those are the result of significant investment efforts. These deals could suffer if China turns to other countries for cheaper lobster imports. Lobster harvesters are also affected by tariffs on steel, since lobster traps are made of steel wire. Bayer said the largest potential impact of the tariffs on Maine lobster dealers will be on live lobsters shipped abroad, but that it is impossible to know for sure until the end of summer, when dealers have final sales numbers. “We’re at a real competitive disadvantage,” said Bayer.

Media preview Extension class on harvesting, drying garlic Aug. 6

27 Jul 2018

The [Daily Bulldog](#) and [Kennebec Journal & Morning Sentinel](#) previewed a University of Maine Cooperative Extension class on harvesting and drying wild garlic. The class will be held from 5–6 p.m. Aug. 6 at the Hope Harvest Garden in Farmington, the Daily Bulldog reports. It will be led by Extension agriculture and non-timber forest products specialist Dave Fuller and Laura Quynn of the Healthy Community Coalition. To register or request a reasonable accommodation, call 778.4650 or email tiffany.wing@maine.edu.

Baker, Norman interviewed for BDN report on Bangor State Fair

27 Jul 2018

The [Bangor Daily News](#) interviewed Barbara Baker, an associate professor with the University of Maine Cooperative Extension, and Sheila Norman, a community education assistant for the Cooperative Extension, for a report on the Bangor State Fair. This year’s fair, located at Bass Park and running July 27—Aug. 5, is a family-friendly event featuring many classic fair favorites. The Cooperative Extension’s 4-H club will host events every day of the fair, the BDN reports. “They have done a lot of things throughout the year, a lot of 4-H projects in their clubs, worked very, very hard, so you can see some of their results,” said Baker. The projects cover a range of topics including science, cooking and photography, and are on display in the 4-H barn. There will also be an area called Little Farmers, aimed at younger children. “Kids can come and play, learn about the food system cycle, learn about how things grow and become food, that kind of thing. A little about business and health, but it’s all fun,” Baker said. A live auction will take place Aug. 3, where 4-H participants will sell the animals they have raised. “There are usually a few tears, but it’s also learning the reward of that work,” said Norman. [WABI](#) (Channel 5) also reported on the involvement of Cooperative Extension 4-H in the fair.

WABI covers volunteer effort by Upward Bound students

27 Jul 2018

[WABI](#) (Channel 5) reported on volunteer work by Upward Bound students from the University of Maine July 26. The students partnered with Welcome to Housing Home Goods Bank and stood outside Shaw’s in Bangor asking shoppers to donate items, with the goal to fill an entire U-Haul van. “I was really

looking for ways to expand the definition of community service, to include ways that we can all become better citizens,” Robyn Young, a graduate assistant working with Upward Bound, told WABI. “Things like this are really skills that are going to allow our young people to move forward in the world, thinking about our interconnectedness and what makes us better and stronger together.”

Public invited to SEA Fellows Symposium on Aug. 7 at DMC

30 Jul 2018

Students, researchers, fishermen, aquaculture entrepreneurs and other marine professionals will gather at the University of Maine Darling Marine Center 2-4:30 p.m. Aug. 7 for the third annual SEA Fellows Symposium. UMaine and University of Maine at Machias President Joan Ferrini-Mundy will welcome participants to the student-centered symposium at 2 p.m. in Brooke Hall on the waterfront campus. SEA (Science for Economic Impact & Application) Fellows is an innovative program developed by UMaine and UMM to catalyze university-industry partnerships. The program encourages use-inspired research related to Maine's marine economy and the ecosystems and coastal communities that support it. “The goal of SEA Fellows is to enable undergraduate students conducting applied marine research to communicate their findings to diverse audiences, including interested citizens and marine industry professionals,” says Heather Leslie, director of the DMC and co-founder of the program. “The symposium is open to everyone interested in research, development and technology transfer related to Maine's coast and ocean.” The symposium will feature poster presentations by 22 undergraduates working throughout Maine, who hail from UMaine, UMM and University of New England, among other institutions. The fellows have collaborated with academic researchers and marine industry professionals on topics ranging from impacts of coastal water quality on shellfish production and growth to the health of charismatic Maine species, including lobsters and seals, in the face of changing environmental conditions. After the student poster and networking session, this public event will conclude with an optional tour of the DMC shellfish hatchery, business incubation facilities and waterfront. All interested community members are invited to attend. Follow the SEA Fellows link on the [DMC website](#) to access the online RSVP form and for a list of student projects. The program is funded by the University of Maine System's Research Reinvestment Fund, the National Science Foundation award to Maine EPSCoR at the University of Maine, and in-kind support from the Darling Marine Center and UMM's marine science field station, the Downeast Institute.

Neurobiology professor aims to engage more biomedical students with \$1M NSF CAREER award

31 Jul 2018

Understanding the creation of new nerve cells in adult brains while engaging more Maine college students in biomedical research is the focus of a five-year study being led by a University of Maine researcher. Kristy Townsend, an assistant professor of neurobiology at the University of Maine, is leading the research that will focus on adult neural plasticity and neurogenesis. The broader impact goals of the project are to expand a capstone course for seniors to conduct original biomedical research, and the development of an outreach program and summer fellowship with community colleges and other underrepresented groups in Maine in order to engage students in research and increase access to biomedical careers. The National Science Foundation (NSF) recently awarded Townsend a \$1 million CAREER grant for the project, “Novel Mechanisms of Adult Neurogenesis.” “The fun thing about this project is that we get to combine our basic biology research about the adult neural stem cells in the brain that are important for energy balance regulation with our passion for training students in biomedical research, which is the other main focus of our lab's work,” Townsend says. “Biotechnology and biopharma are two growing industries in Maine, and given our close proximity to Boston (the nation's ‘hub’ for biomedical research) and our critical mass of brainpower in academic institutions and industry in Maine, it only makes sense to ensure our college students across the state gain a strong education in biomedical research, so their training can serve as a foundation for and springboard to biotech/biopharma jobs here in Maine. We need to be part of the pipeline that keeps this industry growing in Maine, encouraging students to stay here or come back here for their careers, which will also serve to enhance our own research here at UMaine.” Townsend, a UMaine alumna, recently joined the Board of Directors for the nonprofit Bioscience Association of Maine (BioME), and looks forward to bridging academic and industry interests to advocate for biomedical work in Maine, while also supporting the association's goals for workforce development, another integral focus for NSF and the CAREER award. In early 2017, Townsend created a weeklong biomedical course for students from Southern Maine Community College (SMCC), the largest school in the Maine Community College System (MCCS) and the only one with a biological/biotechnology program. The course, which was offered again in January 2018, led to the initiation of the outreach program with community college and other underrepresented students in Maine, with the goal of increasing biomedical training and supporting community college students to transition to UMaine. The course focused on investigating fatty liver disease and took students through common cell and molecular techniques that would be used in biomedical research. Professional development and biomedical career topics also were covered. The new program will allow students statewide who normally would not easily gain access to biomedical research fellowships to apply to take part in a summer fellowship in Townsend's lab at UMaine. It also would allow UMaine graduate and undergraduate students to lead research seminars at the MCCS schools and serve as mentors for community college students transitioning to UMaine. “Our goal is not only to boost Maine's workforce, but to also increase access to biomedical research careers,” Townsend says. To provide greater opportunities for UMaine students interested in biomedical or neuroscience research, Townsend also aims to enhance her existing Capstone course, “Biomedical Research: Neuroscience and Energy Balance,” which involves students in original biomedical research in the Townsend Lab. NSF funding will allow the curriculum for this course to be formalized and to increase the supply budget for students working on capstone projects in the lab. The research portion of Townsend's CAREER project aims to better understand how human brains make new nerve cells as adults, and specifically will examine cellular and molecular mechanisms for adult neurogenesis in regions of the brain that control appetite and calorie-burning capabilities. “If we can better understand how new neurons are made in the parts of the brain that are supposed to tell us to eat less, or eat more healthy foods, or burn more calories by communicating with our fat tissues through our peripheral nerves, that knowledge about adult neural plasticity could translate into knowledge about how healthy metabolism is controlled,” Townsend says. The experimental design, techniques and data analysis stemming from the project will be translated into the curriculum of Townsend's courses on neuroscience and cell biology, and will serve to enhance her existing capstone course. “Students in our lab and in my classrooms will benefit from seeing real data and learning about how and why it was collected, as well as the meaningfulness of this new knowledge for the research fields we are studying in class,” she says. In addition to bridging research and teaching in the classroom and in her laboratory, Townsend also is involved in strengthening neuroscience on campus and in the state by leading or working with several groups for undergraduate and graduate students, as well faculty members. Those efforts — the Student Neuro Club, Neuro Journal Club and Maine Society for Neuroscience — will continue during the NSF-CAREER period, according to Townsend. Earlier this year, Townsend received a \$750,000 Collaborative Sciences Award from the American Heart Association for a three-year study looking at the aging of fat tissue and its effects on cardiovascular and metabolic conditions. She also was awarded \$792,000 from the National Institutes of Health for a project investigating brain-adipose communication and how peripheral nerves in fat tissue function. The awards are complementary, Townsend says, and together should uncover new knowledge about how nerves and fat tissue interact to affect metabolic health. The NSF Faculty Early Career Development (CAREER) Program offers the foundation's most prestigious awards in support of the early career-development activities of those teacher-scholars who most effectively integrate research and education within the context of the mission of their organization. More about the NSF CAREER Program is [online](#). Contact: Margaret Nagle, 581.3745

Exhibition of Barbara Toothpick and Alan Horseradish books and paintings opens at University of Maine at Machias

31 Jul 2018

An exhibit of books and paintings of [Barbara Toothpick and Alan Horseradish](#) will be on display Aug. 3 through Sept. 28 in the University of Maine at Machias Art Gallery in Powers Hall. A free public opening reception will be held from 5–7 p.m., Aug. 3. For more information or to request a reasonable accommodation, contact Bernie Vinzani, 255.1279; bvinzani@maine.edu. Gallery hours are noon–5 p.m., Monday through Friday. Toothpick and Horseradish, of Pembroke, Maine and Philadelphia, Pennsylvania, have shown in numerous venues in both states. Toothpick, a graduate of Ball State University, does experimental works in book formats. She writes of her work: “I work in the interface between composing soundscapes, painting (acrylic and watercolor) on triangular canvases and poetic writing of all kind. Using InDesign and Photoshop, I create art books in an effort to bring these three art forms together in one object. I hope that the interactions between ... me and the object and you ... will bridge the gaps between us.” Horseradish, a graduate of the University of Pennsylvania and the Pennsylvania Academy of Fine Arts, writes about his work: “I try to excite the eye by twisting colours. I try to let my hand please my eye.”

DMC to host talk about citizen science, estuarine monitoring

31 Jul 2018

To understand and promote the ecological health of Maine’s estuaries and coastal watersheds, residents organized the Maine Coastal Observing Alliance (MCOA). Alliance leaders Kathleen Thornton and Sarah Gladu will share success stories and findings during their talk titled “Working together for Maine’s Estuaries: Citizen Science Groups Collaborate with University of Maine Scientists” at 10:30 a.m. Aug. 3 in Brooke Hall at the Darling Marine Center. The MCOA comprises 10 citizen science monitoring groups that monitor water quality indicators in coastal and estuarine waters. Their research provides an assessment of water quality in individual estuaries as well as insights into coastwide trends. Thornton is a research specialist at the DMC. Gladu, who chairs MCOA, also is education and environmental monitoring director for the Damariscotta River Association. This talk is part of the DMC’s science seminar series that provides opportunities to discuss current marine research. Visit the [DMC website](#) to preregister and to view upcoming featured speakers and topics. For more information or to request a reasonable accommodation, call 207.563.3146.

BDN interviews Kirby for article on discouraging earwigs

31 Jul 2018

The [Bangor Daily News](#) interviewed Clay Kirby, a pest management specialist with the University of Maine Cooperative Extension, for an article on earwigs and ways to discourage the pests. “With the fierce appearance of these things, they certainly have some stigma associated with them,” Kirby said. The article clarifies that concerns about the insects burrowing into people’s brains through their ears are based on a myth and that they are actually harmless to humans. However, they can damage gardens and be a nuisance. Earwigs are nocturnal, and prefer to hide in damp, dark areas during the day, according to the BDN. One way to get rid of them is to set traps by placing items that can provide shelter — such as a wooden board or rolled up damp newspaper — in an infested area. The insects will crawl under the traps, which can be picked up and shaken over a bucket of soapy water to drown them. “If you repeat this, eventually you’ll suppress their numbers,” said Kirby. “I think if people strive to diminish their numbers to tolerable levels, that’s more of a realistic goal than getting rid of every last one.” Prevention measures include sealing up cracks around a house’s foundation, windows and doors, checking items that have been outside before bringing them in, and keeping the house clean to discourage pests. [WGME](#) (Channel 13 in Portland) carried the BDN article.

Wilson, Townsend, Steneck quoted in Free Press article about future of Penobscot Bay

31 Jul 2018

[The Free Press](#) quoted several University of Maine faculty members in an article on the future of the Penobscot Bay: James Wilson, a professor emeritus of marine science and economics, David Townsend, an oceanographer, and Robert Steneck, a professor in the School of Marine Sciences. Penobscot Bay has a history of boom-and-bust cycles across different types of resources. Wilson attributes “a serious disorganization of the system” to harvesting of one species after another. “What we’ve done to the ecosystem [in terms of harvesting and pollution] has overpowered the effects of climate change,” said Wilson. Townsend said as a result of interactions related to melting of Arctic ice caps, waters from the Gulf Stream are infiltrating the Gulf of Maine, and that “it’s all very speculative” what impact this could have. The article mentioned a recent Belfast talk by Steneck, “Penobscot Bay: An Ecosystem Colliding with the Anthropocene,” in which he invited the audience to look not to the future of the bay and the effects of climate change, but to the distant past for keys to what shapes the bay, the article states. Steneck said the bay’s ecosystem had been disrupted so significantly that the species diversity of previous eras is difficult to even imagine. Now the bay is closer to a “lucrative monoculture,” according to Steneck, who referred to Maine’s lobster industry as a “socio-economic time bomb.” The future of the bay is uncertain, and even the experts are hesitant to make predictions. “Those with decades of professional experience studying the bay’s dynamic ecology have themselves more questions than answers,” the article states, thought they have speculations.

UMaine research included in Mainebiz article on green crabs

31 Jul 2018

A [Mainebiz](#) article on the potential uses for invasive green crabs mentioned research from the University of Maine. Food scientists at UMaine tested green crab empanadas last summer, and found that two-thirds of testers approved them, according to MaineBiz. The article also referenced a UMaine news release quoting Brian Beal, a professor of marine ecology at the University of Maine at Machias and director of research at the Downeast Institute. Beal said in the release that juvenile soft-shell clams are not surviving to adulthood because of predation by green crabs, contributing to a decline in Maine’s soft-shell clam population.

VillageSoup previews talk by Riordan Aug. 8

31 Jul 2018

[VillageSoup](#) previewed a talk by Liam Riordan, a professor of history at the University of Maine, titled, “Past and Present Perspectives on Maine Statehood.” The illustrated lecture will explore the process of Maine statehood, focusing on four themes spanning 200 years. Organized by the Rockport Public Library and the Maine Humanities Council, the talk will take place at the Rockport Opera House at 6 Central St. at 6:30 p.m. Aug. 8.

Undercurrent News quotes Wahle in article on tariffs, lobster industry

31 Jul 2018

[Undercurrent News](#) quoted Rick Wahle, a research professor at the University of Maine’s Darling Marine Center, in an article on the impact of tariffs on Maine’s lobster industry. Tariffs and the related trade war with China will likely hurt the industry, especially if harvest is decreased. The harvest in 2016 was a record high, while the 2017 harvest showed a 16 percent reduction from the previous year, according to the article. Wahle has been studying lobster settlements for 30 years and charting expected numbers seven years in the future, when the lobsters usually reach harvestable size. His research team predicted the 2017 harvest decline and expects another one for 2018, though he noted his predictions are not always accurate and many factors can influence the outcome. “It ain’t over until the fat lady sings, until we compare to what we see in actual landings. This has proven to be a wacky fishery with all of these ups and downs that weren’t necessarily anticipated. But I think we are getting a better handle on it,” Wahle said.

UMaine doctoral students team up to direct STEM summer camp in Bangor

31 Jul 2018

Barbara Clewley and Martha Gladstone bleed University of Maine blue. The longtime educators both have multiple degrees from UMaine, and are currently pursuing doctoral studies in prevention and intervention studies through the College of Education and Human Development. Gladstone and Clewley met about seven years ago as members of an educational leadership cohort at the university. The bond they formed in the classroom soon became a working partnership as co-directors of [Camp Invention](#) in Bangor. The national science summer camp program for kids in kindergarten through sixth grade was developed by the National Inventors Hall of Fame. It involves a variety of hands-on activities designed to promote problem solving, teamwork, entrepreneurship and innovation. “I remember talking with Martha several times during our graduate work and realizing that our philosophy of teaching and working with learners was so similar,” Clewley recalls. “When I decided to apply for Camp Invention I did not know that Martha had applied at the same time. When I was asked if I would mind being a co-director because the host district could not decide which candidate would be the best choice, I asked who the other candidate was. That is when I found out it was Martha. It made my decision extremely easy,” she says. This year, the weeklong Camp Invention was held in July at William S. Cohen School in Bangor. More than 100 students from throughout Maine and a few from out of state attended. Gladstone and Clewley say they put their UMaine education to work every day running the camp. “We combine our love of teaching STEM with positive behavior supports so that all students, regardless of ability may attend and have a successful week,” says Gladstone. “We work with families to create a welcoming, safe, experience for their child whether the child has autism, an emotional or behavioral need, is transgender, or needs a physical accommodation such as wheelchair accessibility and service dog. No child is turned away,” she says. **Hometowns** Barbara: Bangor Martha: Northeast Harbor, but have lived in Bangor since 1982 **Hobbies/interests/activities** Barbara: I love spending time with my three mini Australian shepherds. We go on walks and hikes in the woods. I enjoy training them. My husband and I also travel around the state meeting up with other owners of mini Aussies to have play dates. Martha: Educating children, children’s books, bird watching, and chicken gardening. **Previous educational experience** Barbara: I have a bachelor’s degree from UMaine in elementary education with a concentration in special education and a master’s degree in educational leadership. Martha: Bachelor’s degree in elementary education, master’s degree in literacy education, and certificate of advanced study in educational leadership, all from UMaine. **What graduate degree are you pursuing and when do you expect to graduate?** Barbara: I’m in the doctoral program in prevention and intervention, going part-time and hoping to be finished by 2021 or 2022. Martha: I’m also currently in the doctoral program in prevention and intervention at UMaine. Not sure when I will be finished. Coursework will be complete spring 2019. **What were you doing before pursuing your graduate degree?** Barbara: I am and have been an elementary teacher for 32 years. I have taught first, second and third grades. I am also a mentor teacher for pre-service and beginning teachers. Martha: In 1981, I taught for a year in a rural three-room school in Maine. After marrying and moving to Bangor, I operated a family child care business in my home for 14 years while my own children were growing up. During that time, I worked on my master’s degree. In 1997, I became a kindergarten literacy tutor, Title I teacher, and kindergarten teacher and first grade teacher for the Bangor School Department. In 2016, I left my teaching position to pursue a Ph.D. full-time. I am a full-time graduate student, graduate assistant and instructor in the College of Education and Human Development. I also serve as one of the advisers to the Student-MEA and volunteer with the Maine Autism Institute for Education and Research. **Describe Camp Invention and your role in it** Barbara: Camp Invention is a national science day camp developed by the National Inventors Hall of Fame in partnership with the United States Patent and Trademark Office. It is a weeklong experience for children entering grades K–6, which provides hands-on challenges requiring campers to be innovative problem-solvers. Some challenges are focused on fostering teamwork in campers. New curriculum is introduced each year, inspired by the Inductees of the National Inventors Hall of Fame. This is my seventh year as co-director of Camp Invention. Martha and I are responsible for everything. We arrange with our host district — the Bangor School Department — for our camp location. We partner with Camp Invention for promotion. We hire the teachers, recruit leadership interns and counselors-in-training. Martha and I also do fundraising for scholarships. During the week of camp we set up the schedule, support our teachers, take care of discipline, communicate with parents, and coordinate with the staff of the host school. Martha: Barbara and I met through the educational leadership cohort at UMaine. Even though we taught in the same school system, we had never connected because of the large size of the Bangor School Department. While we were in the cohort, our assistant superintendent attended a conference where Camp Invention was highlighted. She put a call out for an employee interested in getting this started in our area. Barbara and I both responded and have worked together as co-directors of Camp Invention for the past seven years. Barbara and I both taught in schools in low-income areas of the city, so we made it our mission to raise scholarship money to send any child with an interest and financial need to camp. We raise money through presentations to the Greater Bangor Rotary, an annual camp yard sale, an electronics drive, generous donations from local businesses and individuals, and we have been known to knock on a few doors asking for help when we are down to our last dollars. Over the years, we have helped over 80–100 campers with full and partial scholarships. **How have you applied what you have learned in your UMaine courses as co-directors of Camp Invention?** Barbara: It was because of my master’s degree in educational leadership that I chose to apply for the director position. I had recently graduated and was deciding how to use the new skills I had learned. At the time, I did not want to be a principal, but knew I wanted the chance to lead teachers and provide learning experiences for children that require hands-on problem solving, creativity and innovation. I get to do this during this week of camp. It is also extremely important to me that our camp be a safe and accepting environment. Martha and I believe in a positive behavior approach to managing behavior. We have been able to improve our positive behavior approach by implementing many new understandings from our doctoral classes in prevention and intervention. Martha: I can connect all my learning at UMaine with the success of Camp Invention. Through educational leadership I learned how to communicate effectively with staff and organize opportunities for staff development and family activities. Positive Behavior Intervention Supports (PBIS) and childhood trauma courses throughout my doctoral program have allowed me focus on helping children learn the tools that will help them navigate the difficult waters of education and society. **Why UMaine?** Barbara: I grew up in Bangor and UMaine was my first choice. I did not

want to leave the state due to my desire to stay close to family. Due to the connections I made through my graduate classes and being a mentor for pre-service teachers, it only made sense to continue my doctoral studies with educators I have come to know and trust. Martha: I guess you could say I'm a UMaine junkie. As an undergrad, I wanted to be close to home and UMaine was a perfect fit. Raising a family and completing a master's degree at UMaine was not simply convenient, but also inspiring. During my graduate studies, I have particularly enjoyed the opportunities to network with educators from Presque Isle to Southern Maine, face-to-face in my courses.

New publication about bees and their New England habitats available

01 Aug 2018

Researchers in the Maine Agricultural and Forest Experiment Station and their colleagues from neighboring institutions published a report called "Bees and Their Habitats in Four New England States" this summer. The report includes previously unpublished information and a synthesis of literature relevant to Massachusetts, Maine, New Hampshire and Vermont. The report also offers recommendations for bee habitat improvement, summarizes new information about the economics of pollinator habitat improvements, and identifies knowledge gaps to help prioritize future research directions. Over 400 species of bees have been documented in these four states. Most are native to the region, but little is known about the ecology, life history, population dynamics and host plant relations for most species. Bees face threats from habitat loss, pests and pathogens, pesticides and climate change, and some species are in documented decline. Due to the difficulty of quantifying bee populations, the authors focused on their habitats, because people can manipulate features such as flowers for bee forage and pesticide use. The publication lists 15 bee habitats with natural and anthropogenic features, and suggests 40 plant taxa that may be effective in plantings for bees. Potential habitat improvements noted in the publication include planting suitable flowers and mowing less intensively to improve food availability, and minimizing pesticide use. The publication's recommendations, if adopted, could help bee conservation and pollination security, and aid in protecting pollination of native flora and crops like lowbush blueberries, cranberries, squashes and apples. The report was authored by Alison Dibble, Francis Drummond, Kalyn Bickerman-Martens, Sara Bushmann, Aaron Hoshide, Megan Leach and Eric Venturini of the University of Maine; Anne Averill and Kim Skyrn of the University of Massachusetts; Sidney Bosworth and Annie White of the University of Vermont. To download a copy, visit the [Maine Agricultural and Forest Experiment Station's website](#). The report is also available in print thanks to a sponsorship from the Northeastern Integrated Pest Management Center of Ithaca, New York. Contact: Francis Drummond, fdrummond@maine.edu

Join President Ferrini-Mundy for community pancake breakfast Aug. 7

01 Aug 2018

President Joan Ferrini-Mundy will host a free Maine blueberry pancake breakfast for the UMaine community from 8:30—9:30 a.m. Aug. 7 on the Mall. Rain location is Wells Conference Center. The blueberries and maple syrup are locally sourced from Circle B Farms in Caribou.

Scholarships funds available this fall for Maine adults

01 Aug 2018

The University of Maine System's Adult Degree Completion Scholarship has funds available for Maine adults wishing to resume courses this fall toward a college degree. Scholarship aid, combined with expanded credit transfer among Maine's universities and community colleges and prior learning credit for work experience and military service, could make the path to a college degree fast and affordable. Approximately 200,000 adult Maine learners have invested time and money into a college education without earning a credential or college degree. The University of Maine System Adult Degree Completion Scholarship provides as much as \$4,000 annually to help adults with demonstrated financial need resume coursework and earn a college degree at any of Maine's public universities. Applications will be accepted through the start of the fall 2018 semester. Interested adults are encouraged to visit maine.edu/adult for application materials and information, or call 207.621.3428. Student support specialists will help adult learners find a path to a degree, including online courses that can be accessed from anywhere to accommodate working adults. Any Maine resident who has earned at least 30 college credits toward a first baccalaureate degree and been away from class for at least three years could be eligible for financial support to resume coursework through any of Maine's public universities. The Adult Degree Completion Scholarship, which does not need to be repaid, is awarded based on financial need and course load. Since its launch in fall 2014, the University of Maine System Adult Degree Completion Scholarship Program has awarded nearly \$1.8 million in scholarship aid, helping more than 450 adult learners get back on track toward a degree. In the last academic year, the scholarship helped fund 366 semesters of college completion work with an average award of \$1,386 per semester. To date, 117 Maine adults have earned a college degree with the help of Maine's Adult Degree Completion Scholarship. Online programming and access points provided by UMA's [centers and sites](#) eliminate proximity to campus as a barrier to earning a degree. Last year's 190 individual recipients resided in 120 different Maine communities. "Far too many Mainers have invested time and money into an education but had to stop short of their goal of graduating with a college degree. Fortunately, it is never too late to finish that degree," says James H. Page, Chancellor of the University of Maine System. "Adult learners account for one-third of our students at Maine's public universities, where we make it a priority to provide lifelong, affordable access to public higher education as part of our work to build a stronger Maine workforce."

Capital Press interviews Gallandt for field day preview

01 Aug 2018

[Capital Press](#) interviewed Eric Gallandt, a professor of weed ecology at the University of Maine, for a preview of a mechanical cultivation field day. Gallandt's recent discoveries have the potential to significantly improve weed management in organic vegetable production. "Once of the more promising discoveries we've found in the last couple of years is that by using multiple tools in a single pass, or using multiple tools in sequence, is that you often get more than additive improvements in the percentage of weeds you kill. We have evidence of synergy," Gallandt said. He found that using one tool that yields 30 percent weed control with a tool that yields 20 percent weed control does not result in 50 percent weed control, but something closer to 75 percent, Capital Press reports. Gallandt is also researching longer-term weed management strategies, including the use of cover crops. He will speak at the Oregon State University Mechanical Cultivation Field Day at the university's vegetable research farm in Corvallis on Aug. 16. The field day will be held from 10 a.m.—5 p.m., and registration is requested online, according to the article.

Gill polls Twitter users on naming kids after scientific research, Quartz reports

01 Aug 2018

[Quartz](#) reported Jacquelyn Gill, an assistant professor of paleoecology and plant ecology at the University of Maine and a researcher with the Climate Change Institute, asked Twitter “nerds” if they have named children after something related to science or their research topics. Her query received many responses, from Orion and Andromeda for the children of astronomers, to Kestrel, Marten and Fisher for the children of ornithologists and other biologists. These #nerdynames, as Gill called them, seem to be a common phenomenon among the scientific community.

Press Herald reports Wahle, graduate student collaborating on lobster ‘time travel’ research

01 Aug 2018

The [Portland Press Herald](#) reported Rick Wahle, a professor in the School of Marine Sciences at the University of Maine, and UMaine graduate student Maura Niemisto, are collaborating on research with senior research scientist David Fields at the Bigelow Laboratory for Ocean Sciences in East Boothbay. The lab houses a “time machine” device that allows researchers to simulate projected future ocean conditions, including increased temperature and acidity, and study the responses of marine creatures to the changes in their environment. Wahle’s research at Bigelow focuses on baby lobsters and how they develop, feed and survive in the Gulf of Maine. Wahle has been placing lobster settlement traps in the same locations for about 30 years, but recently the baby lobsters have not been settling in them, according to the article. The findings of the research are still in early stages, but the researchers agree that lobster larvae physiology is affected by changes in temperature and carbon dioxide levels in the water.

NRCM reports on Extension’s gardening outreach program with Maine State Prison

01 Aug 2018

[Natural Resources Council of Maine](#) reported on the gardening outreach program partnership between the University of Maine Cooperative Extension and the Maine State Prison. Selected inmates at the prison tend a vegetable garden on the grounds, and the produce is used in the prison’s kitchen or donated to local food banks, NRCM reports. The inmates gain marketable skills, therapeutic benefits and experience working in a team toward a common goal, while the prison saves money by growing food on its own grounds. The program also “involves inmates in helping to reduce climate pollution by localizing a piece of Maine’s food system,” according to the article. The article linked to a UMaine video about the program.

Fishermen’s Voice interviews Stoll about recent lobster trade study

01 Aug 2018

Fishermen’s Voice interviewed Joshua Stoll, an assistant research professor with the School of Marine Sciences at the University of Maine and the Mitchell Center for Sustainability Solutions, for an article about Stoll’s recent research on lobster trade. The study maps global trade routes for lobster and analyzes their effects on the relation between those who catch the lobsters and those who consume them. The researchers found an increasing number of countries are acting as mediators for trade between other countries, making tracking lobster and anticipating changes in demand more difficult. “This results in indirect linkages between nations, creating dependencies that are sometimes difficult to identify ... As a result, they are rarely accounted for in assessments of fisheries resilience or sustainability,” according to the study. The study’s findings inform the possibility of a trade war between the United States and China triggering a larger-than-expected change in demand for lobster, according to Stoll. “One of the challenges of this complex trade route is that we don’t totally understand where the end markets are. And if we don’t understand that and something happens in one of those markets, it could result in negative impacts to the fishing industry here in Maine,” he said. Market demand has an important role in sustaining fisheries, and producer nations that rely on export nations, like the United States does on China, are vulnerable to risk associated with trade, according to the study. “If we’re not understanding where our markets are, then it’s hard to understand potential impacts on the horizon. I think that sets us up for surprise. And surprise isn’t a good thing in a fishery that supports so many coastal communities,” said Stoll.

With fewer types of fish to catch, Maine fishermen may be losing their knowledge of the sea

01 Aug 2018

Maine fishermen have a long history of being involved in fisheries management. Communication between harvesters and policymakers has been instrumental in the development of rules and regulations that have helped to sustain the region’s coastal fisheries — from clams to alewives to lobsters. In part, this success results from the deep understanding of the natural environment held by fishermen. “Local ecological knowledge” is a term used to describe the collective perceptions held by a particular group about their environment, resulting from the transmission of cultural knowledge from one generation to the next, combined with regular and persistent interactions between people and the environment. Fishermen’s experience-derived “local ecological knowledge” can be equally valuable as data gained through modern scientific methods for informing resource management and building community resilience. Yet the very experience that forms the basis for fishermen’s knowledge is being eroded by increasing specialization in Maine’s fisheries, with more harvesters focusing on one or two target species. As fishermen focus on fewer types of fish, they have less access to the environment. Does this mean they are losing environmental knowledge, too? Joshua Stoll, University of Maine assistant research professor of marine policy and cooperating scientist at the Maine Center for Coastal Fisheries, worked with Emily Farr, a recent graduate of Yale University, and assistant professor Christine Beitzl of the Department of Anthropology to study how fishermen’s changing access to fish species over time (which Stoll documented in earlier research) has affected their knowledge of the marine environment. Marina Cucuzza, a student in the UMaine marine science and marine policy dual degree graduate program, assisted with some of the interviews. The results of their research, which was funded by Maine Sea Grant and the Eastern Maine Conservation Initiative, were published in the journal [Ecology and Society](#) in July. While preliminary, the study confirmed that the more diversified a fisherman’s activity, the broader the scope of his or her knowledge. Their in-depth, open-ended interviews with 17 fishermen from 12 coastal towns revealed unique perspectives on the complex interactions between fish and their habitat, providing insights about local fluctuations in water temperature and weather patterns, and animal interactions. Those who fished for more species interacted with more features of the sea, resulting in a more holistic understanding of the marine environment and its dynamics. “As regulatory measures in fisheries management increasingly constrain the ability of individuals to enter diverse fisheries, these findings have significant implications for sustainability and understanding the role that institutions play in shaping local ecological knowledge more generally,” wrote Farr and Stoll in the article. According to Stoll, who is affiliated with UMaine’s School of Marine Sciences and the Mitchell Center for Sustainability Solutions, creation of a more flexible licensing system in Maine that would allow fishermen to shift between fisheries without undermining the sustainability of marine resources represents a significant challenge.

Such a system may help to conserve local ecological knowledge at a time when fishermen's insights about the changing marine environment are needed more than ever. Stoll plans to incorporate this research into a new partnership between UMaine and the Maine Center for Coastal Fisheries, Maine Department of Marine Resources and National Marine Fisheries Service. The Eastern Maine Coastal Current Collaborative is designed to create a new science framework to support ecosystem-based fisheries management in eastern Maine. Contact: Catherine Schmitt, 207.581.1434; 207.944.1587

UMaine faculty members take students to Chile

02 Aug 2018

University of Maine Forest Bioproducts Research Institute faculty members Douglas Gardner and David Neivandt, and Doughty Middle School science teacher Tracy Vassiliev will accompany seven undergraduate students from throughout the country on a weeklong trip to Chile. The trip is the culminating experience of a National Science Foundation Research Experiences for Undergraduates (NSF REU) program, a 10-week summer research experience based at UMaine and funded by NSF. The students have been at UMaine this summer doing research with faculty and graduate mentors who are affiliated with FBRI or the University of Concepción-UDT. The undergraduate students conduct research with faculty members for nine weeks, and then travel to Chile for a weeklong tour of research and industrial centers, and final presentations for their peers. In addition, two UMaine REU students do a nine-week exchange with two students from Concepción during the program. Gardner has been doing collaborative research with the university in Concepción for more than 15 years. Vassiliev has established a collaboration with a counterpart in Chile as a result of the program.

LaBouff writes BDN op-ed

02 Aug 2018

Jordan LaBouff, an associate professor of psychology at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled "'From away' should be celebrated, not scorned." LaBouff 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.

Press Herald quotes Bayer in article on PETA lobster campaign

02 Aug 2018

The [Portland Press Herald](#) spoke to Robert Bayer, the executive director of the Lobster Institute at the University of Maine, for an article about a recent poster campaign in the Portland International Jetport by animal rights group People for the Ethical Treatment of Animals (PETA). PETA bought a month's worth of advertisements at the jetport showing a lobster holding up a sign that reads, "I'm ME, Not MEAT. See the Individual. Go Vegan." Five years ago, PETA conducted an investigation of a processing plant for Linda Bean's Maine Lobster Café, alleging that the company dismembered live lobsters, the Press Herald reports. The lobster industry is currently experiencing decline in total catch as well as facing the trade war with China, which is one of the largest international markets for Maine lobster. The city of Portland says the ads are protected under the First Amendment. Bayer said based on research, the nervous system of a lobster is more like that of an insect than a dog or cat, and lobsters likely do not feel pain. "How do you feel about swatting a mosquito or a fly?" he said. But while research does not support lobsters having advanced capabilities, it is ultimately inconclusive. "There's never going to be an absolute answer. They're not going to tell us," Bayer said of the lobsters. He said lobsters can be placed in fresh water to put them to sleep before cooking, and acknowledged long-running tensions between PETA and the lobster industry. "I don't know why they pick on lobster. I'll cook them any time that I can," Bayer said. [Boston.com](#) also reported on the campaign, quoting Bayer.

Media report on futuristic chopsticks invented by Ranasinghe

02 Aug 2018

[IEEE Spectrum](#) magazine, [Digital Trends](#), [Newsweek](#), [The Telegraph](#), [The Sun](#), [94.9 WHOM](#), [Q97.9](#), [WCYY](#) and [Smithsonian](#) magazine reported Nimesha Ranasinghe, an assistant professor and director of the Multisensory Interactive Media Lab at the University of Maine, has invented a pair of chopsticks with embedded electrodes to simulate flavors in food. The electrodes zap the tongue to simulate flavors such as saltiness, shown through a study to increase the perception of saltiness in test subjects who used the chopsticks to eat unsalted mashed potatoes, according to IEEE Spectrum. "The flavor would be external to whatever you're consuming," said Ranasinghe, who hopes the technology could allow people to alter the flavor of their food while maintaining a healthy diet that is not too high in salt. Ranasinghe has simulated sourness and bitterness in other projects as well. However, two of the electrodes on the chopsticks must touch the tongue to impart the flavor, which presents limitations. But this is more of a pioneer project. "It's like TV in the 1950s," said Ranasinghe, predicting future advances that will allow more variations.

4-H Tech Changemakers member interviewed by RFD-TV

02 Aug 2018

[RFD-TV](#), an agriculturally-focused national cable network, interviewed Forrest Perkins, a member of the University of Maine Cooperative Extension's 4-H Tech Changemakers. This group of 4-H Tech Changemakers at Washington Academy in East Machias is using technology to spread awareness about food insecurity and help those who are food insecure to find resources through a project called Community F.E.A.S.T. (Food, Education, Agriculture, Sustainability, Technology). The group designed a [website](#) to share information, since many people in the area do not have phones, but do have access to public computers. The website will soon feature an interactive map with locations of farms and food banks around the state. "It's important to our community because there are a lot of people who are food insecure, or a lot of people who don't know about food insecurity," Perkins said.

Bowie working with students to create search and rescue drones, Pathways reports

02 Aug 2018

[Pathways](#), the newsletter of Eastern Maine Healthcare Systems, reports Robert Bowie, a professor of practice in biomedical engineering at the University of Maine, is working with students to create drones with better search and rescue capacities to find injured people more quickly. Bowie is the Emergency

Medical Services director at Charles A. Dean Memorial Hospital (CA Dean), and the medical director of Downeast Emergency Medicine Institute (DEEMI), according to Pathways. “The focus at the university in the last six months or so with the students is to try to develop technology that assesses a patient’s vital signs from a UAV (unmanned aerial vehicle) at far field — which is away from the patient a bit — and near field which is close to them, but all non-invasively,” Bowie said. The drone would also be able to fly in emergency supplies or equipment, and use sensors to determine a patient’s condition. “We bring them the ambulance, we bring them the Humvee, we bring them the UAV, and they actually touch it and see it working and they see how what they are working on could be actually used in a scenario,” said Bowie. He uses his expertise and connections to local organizations and facilities to give students as much of a hands-on experience as possible. “What he brings to the classroom and other faculty members and other students is his vast experience,” said Hemant Pendse, the department chair of the biomedical engineering program at UMaine. The partnership between UMaine, CA Dean and DEEMI is “bringing the best minds ... to help save lives across Maine,” the article states.

Maine Labor Summer Institute Aug. 8–9

03 Aug 2018

The 2018 Labor Summer Institute will be held Wednesday, Aug. 8 and Thursday, Aug. 9 at the University of Maine. A project of the Maine AFL-CIO and UMaine’s Bureau of Labor Education, the Labor Summer Institute offers two days of education and dialogue on issues of importance to working people and the labor movement. Join the efforts to build the power of the labor movement in Maine and fight to win more changes to improve the lives of union members and working families in Maine. Both union members and students are welcome; scholarships are available for students. For more information and to register, contact the Maine AFL-CIO at maineaflcio.org/summerinstitute.

Notice of paving on campus Aug. 6

03 Aug 2018

Aug. 6, paving will be done on Hauck Circle and Gannett Road, in the North Gym lot and sidewalks on the north side of Winslow Hall.

Media feature Climate Reanalyzer map in reports on July, August heat waves

03 Aug 2018

The University of Maine Climate Change Institute’s Climate Reanalyzer was featured in reports by [The Barents Observer](#) and the [Metro](#) about heat waves in July and August. This summer, exceptionally high temperatures have become the standard for areas north of the Arctic Circle, The Barents Observer states. The Climate Reanalyzer map labels areas that show temperature anomalies red, and the darker the red, the hotter the area is than normal. Northern Europe was shown to be warmer than normal on Aug. 1, with the darkest region being North Calotte in the northernmost part of Scandinavia. Temperature records have been set for July, including an increase of 4 degrees Celsius higher than normal for the entire country of Norway, according to Norway’s Meteorological Institute. Murmansk, Russia reached 30.2 degrees Celsius on Aug. 1, the highest August temperature ever recorded. A glacier in Northern Sweden has been melting 14 centimeters per day. Temperatures for the beginning of August in the United Kingdom, Spain and Portugal were projected to reach anywhere from mid-20s Celsius to 48 degrees Celsius, according to the Metro.

Kent co-writes piece for Volleyballmag

03 Aug 2018

[Volleyballmag.com](#) published an article co-written by Richard Kent, a professor of literacy education at the University of Maine, and David Gallagher, a literacy professor at Mount Saint Mary College in New York, about creating team notebooks for volleyball teams at all levels. Kent and Gallagher said a typical team notebook has five sections: preseason thoughts, a match analysis for a game that athletes actually participate in, a match analysis for a game the athletes observe, postseason thoughts, and athletes’ notes. Writing in team notebooks “will complement your coaching practice and add a new level of understanding for athletes and team staff members,” said Kent and Gallagher. They added that it “encourages coaches — and athletes — to live more fully as students of the game.”

BDN interviews Dill for article on squirrel population explosion

03 Aug 2018

The [Bangor Daily News](#) interviewed Griffin Dill, an integrated pest management professional with the University of Maine Cooperative Extension, for an article about a population explosion of squirrels in some Bangor neighborhoods. Especially high numbers of squirrels have been sighted in Bangor’s Tree Streets neighborhood this summer. This could be due to a number of factors, Dill said, including availability of food, presence of predators, weather conditions, and the possibility of more having survived over the winter and now producing more babies. “For the most part, squirrel populations tend to stay relatively stable. It could just be one of those things that this is a kind of a hot, dry summer, and that’s making them more active than previous years,” Dill said. Squirrels can cause damage to houses, chew through wires and damage gardens, the article states. “Squirrels are known to eat all sorts of different plants and vegetable matter. We tend to think of them eating seeds and nuts, but they will dig up seedlings or bulbs and nibble on other vegetables, and that can be a nuisance,” said Dill. “We all know feeding birds is the same as feeding the squirrels,” he added. Ways to keep squirrels out of your garden include moving bird feeders as far away from the garden as possible, installing plastic or wire mesh fencing, trimming low-hanging tree branches above the garden and using natural repellents like cayenne pepper, according to the BDN. Ways to keep them out of the house include locating places of entry, installing one-way doors so the squirrels can get out but not back in, sealing up entry points, trimming branches close to the house and cleaning up food and debris that could attract them.

Media publish release on local ecological knowledge in fisheries

03 Aug 2018

[Phys.org](#), [EurekAlert](#) and [ScienceDaily](#) carried a University of Maine news release about a study on the role of local ecological knowledge held by Maine

fishermen and how they apply it to fisheries management. The study was a collaboration between Joshua Stoll, an assistant research professor of marine policy at UMaine and cooperating scientist at the Maine Center for Coastal Fisheries, Emily Farr, a recent graduate of Yale University, and Christine Beitzl, an assistant professor of anthropology at UMaine. The results show that the more diverse a fisherman's activity, the broader the scope of their knowledge is. Fishing for more species requires interaction with more features of the ocean and results in a more holistic understanding of the dynamics of the marine environment, the release states. The presence of local ecological knowledge is declining as specialization increases. A more flexible licensing system allowing fishermen to shift between fisheries could help conserve local ecological knowledge, according to Stoll.

Small-scale fisheries threatened: Shared management, communication key to success

03 Aug 2018

Intertidal ecosystems and the small-scale fisheries they support are an important part of coastal economies, environments, and cultures. Globally, fisheries such as the soft-shell clams (*Mya arenaria*) face multiple stresses related to climate change, invasive species and unsustainable land use. In a paper published in [Ocean and Coastal Management](#), University of Maine researchers and colleagues show how co-management approaches — based on shared responsibility for resource management among individuals and institutions — can build resilience to socio-environmental change by strengthening the use of science in decision making and promoting adaptive capacities such as learning and leadership. “We see an urgent need to find ways to wade into the complicated and sometimes messy work of co-management as a space for bringing differences together in productive, creative and equitable ways,” says lead author Bridie McGreavy, assistant professor in the Department of Communication and Journalism and faculty member in the Mitchell Center for Sustainability Solutions. Co-management's commitment to shared responsibility points to the important role of communication, and requires that people share information, learn from each other, and collaborate. “The communication aspect of shellfish management is critical to its success,” McGreavy adds. “Our paper demonstrates how taking an engaged approach to research — creating in-depth partnerships to design research that can be used for decision making — can help strengthen co-management.” In addition to environmental threats, these fisheries also face complex social issues, many of which are related to poverty and limited access to educational opportunities. However, small-scale fishing communities in Maine and around the world are also rising to meet these challenges. “Given the global challenges we face, many of which are linked to climate change and injustice, there is a pressing need to identify social factors that enable adaptation and the overall resilience of intertidal ecosystems and coastal communities,” McGreavy says. For example, on the coast of Maine, communities are working together to develop innovative ways to use netting to protect baby clams from invasive predators so they can grow to adulthood. In other places, communities are also making progress on finding and fixing pollution so they have more harvesting and conservation areas to manage. The soft-shell clam fishery in Maine, say the paper's authors, provides an ideal case example for advancing this work. The shellfish co-management system is ripe for engaged research and adaptive responses to socio-environmental change for at least three reasons: the representativeness and diversity of issues within this fishery; the presence, scale and organization of the shellfish co-management system; and the history of applied marine science in the state. From a communication standpoint, understanding perceptions about climate change, predation, water quality, and issues of human health and well-being creates a starting point for connecting across differences in how to address these complex issues. As the authors in this paper do, describing the multiple perceptions of problems and the multiple definitions of success provides a starting point for working across differences in perceptions and priorities. The authors also assert that producing knowledge in partnership with people who will use that knowledge helps ensure that the research questions and resulting insights are relevant for the decision-making needs. “When we engage by listening and taking action at multiple levels and letting our research activities adapt in response to real-world needs, we see that our work becomes valuable for addressing those needs,” notes Ph.D. student and co-author Tyler Quiring. This approach also nurtures relationships and mutual understanding that support the ongoing negotiation and uptake of knowledge, and this has proven essential in linking recommendations with demonstrated action. For example, the team of researchers are continuing to work with the Maine Department of Marine Resources, the Maine Shellfish Advisory Council, and with shellfish communities to implement their recommendations, such as setting up a communication system between towns and the state to help tailor partnership strategies on a yearly basis. “In our experience, an engaged approach can improve the ability of individuals and communities to anticipate changes, proactively respond, and begin to address power and equity issues for the systemic changes that are necessary to adapt and transform the fishery for the foreseeable future,” McGreavy says. Further, working in partnership with a team of students who supported the engagement in multiple ways helps build capacity in academic institutions for engaged research and service. Other co-authors on the paper include Sara Randall of the Downeast Institute, and UMaine graduate students Carter Hathaway and Gabrielle Hillyer. Contact: Bridie McGreavy, 207.595.2240, bridie.mcgreavy@maine.edu

Climate change resilience research receives \$150K NIFA grant

06 Aug 2018

Increasing understanding of the impacts of climate change on forest ecosystems, and on the industry and communities that rely on forest products and services in Maine's North Woods is the focus of a study led by Sandra De Urioste-Stone, an assistant professor of nature-based tourism at the University of Maine, in collaboration with other UMaine professors Adam Daigneault, an assistant professor of forest, conservation, and recreation policy; Parinaz Rahimzadeh-Bajgiran, an assistant professor of remote sensing in natural resources; and Aaron Weiskittel, a professor of forest biometrics and modeling and director of the Center for Research on Sustainable Forests. The research, which received \$150,000 in funding from the United States Department of Agriculture National Institute of Food and Agriculture (NIFA), also will explore how forest managers are responding to changes in weather conditions — knowledge that will inform enhanced forest management practices. De Urioste-Stone's project, “Fostering climate change resilience: A socio-ecological forest systems approach,” is one of two UMaine research proposals to be awarded NIFA funding from the Climate and Land Use Program. The other is led by Allison Gardner, an assistant professor of arthropod vector biology, with a focus on protecting forest workers from tick-borne illnesses. “We will create an integrated framework to measure the resilience of forest socio-ecosystems to respond to changes in climate and forest conditions,” says De Urioste-Stone. Resilience in forest socio-ecosystems is the ability to adapt, respond to and cope with disturbance. The research will enhance the resilience of forests and their users to the effects of climate change by incorporating interdisciplinary research and stakeholder participation, according to the project proposal. The project will focus on 10 million acres of the heavily forested region of Northern Maine. Focus groups will be used to gauge stakeholder perceptions of climate change risk, views on ecosystem services, and land management strategies. An online survey will also be distributed. “Maine's rural communities and natural resources-based industries rely heavily on the products and services provided by forest ecosystems. Given the complexity of the state's forest systems, with transition forests in early and mid-successional stages resulting from prior disturbances, the influence of climate change should be more evident than in other regions,” says De Urioste-Stone. “Hence, the importance of this research to address the impacts of climate variability on land cover and management, and ultimately its impact on rural communities.” Contact: Cleo Barker. 207.581.3729

Marine conservation focus of UMaine alumna talk Aug. 10 at DMC

06 Aug 2018

Amanda Leland, executive vice president of the Environmental Defense Fund, will give a talk titled, “Doom and gloom or ocean optimism? Marine conservation for a rapidly changing planet” at 10:30 a.m. Aug. 10 in Brooke Hall at the University of Maine Darling Marine Center. She’ll discuss how overfishing, climate change and pollution put pressure on the world’s oceans. And she’ll offer perspective about how to tackle these challenges and create a brighter future for the blue planet. Under Leland’s leadership, EDF’s Oceans Program has catalyzed reforms and advanced tangible results for people and the marine environment. Leland earned a master’s in marine biology at UMaine; she completed her master’s research at the DMC and was advised by Bob Steneck, a researcher and professor in the School of Marine Sciences. Leland’s talk is part of the DMC’s free, public science seminar series that provides opportunities to discuss current marine research. Visit dmc.umaine.edu/seminars to preregister and for the list of other featured speakers and topics. For more information or to request a reasonable accommodation, call 207.563.3146.

VillageSoup, The Free Press advance Aug. 16 clam program led by Beal

06 Aug 2018

[VillageSoup](#) and [The Free Press](#) advanced a program about clams led by Brian Beal, a professor of marine ecology at the University of Maine at Machias and the director of research at the Downeast Institute. The free program focuses on the basic biology, ecology and management of soft-shell clams, and their relationship to other organisms in the Sears Island ecosystem. The program will be held 9:30—11:30 a.m. Aug. 16 on Sears Island. Participants are asked to bring water, a snack and insect repellent. For more information, visit the Friends of Sears Island [website](#) or [Facebook page](#), or call 207.975.3878.

Yang co-lead author of paper on toughening graphene, media report

06 Aug 2018

Yingchao Yang, an assistant professor of mechanical engineering, is a co-lead author of the paper, “Toughening Graphene by Integrating Carbon Nanotubes,” according to a release from Rice University. Yang worked with a team of researchers from Rice University, Brown University and others to test fracture-resistant rebar graphene, which was developed at Rice in 2014. Graphene is a one-atom-thick sheet of carbon, which is stronger than steel but prone to tearing because it is so thin, according to the release. Rebar graphene uses carbon nanotubes for reinforcement, and the researchers found it is more than twice as strong as pristine, or unreinforced, graphene. The material has potential for use in flexible electronics, electrically active wearables and other devices. [Research & Development](#) magazine, [Phys.org](#), [EurekAlert](#), [Photonics Online](#), [Futurity](#) and [SciTechDaily](#) carried the release, and [AZoNano](#) adapted the release.

AP reports Townsend awarded \$1M grant for adult brain research

06 Aug 2018

The Associated Press reported Kristy Townsend, an assistant professor of neurobiology at the University of Maine, was awarded a \$1 million grant by the National Science Foundation for research on the adult brain. Townsend’s five-year study will investigate the creation of new nerve cells in adult brains, and engage students in the field of biomedicine, according to the report. Other project goals are developing an outreach program and creating a summer fellowship with Maine community colleges. The [Bangor Daily News](#), [Maine Public](#), [WABI](#) (Channel 5), [U.S. News & World Report](#), Albany Times Union and [The Washington Times](#) carried the AP report.

Sandweiss named president-elect of Phi Kappa Phi

06 Aug 2018

Daniel H. Sandweiss, a professor of anthropology and climate studies at the University of Maine, was tapped to be president-elect of Phi Kappa Phi National Honor Society at its biennial convention. In 2020, he will be president for two years. Phi Kappa Phi was founded at UMaine in 1897 and Sandweiss is the first national president from Chapter 1.

Biology professors to lead Bog Boardwalk talk and walk events Aug. 11, 14

07 Aug 2018

Two nature walks led by University of Maine biology professors will take place at the Orono Bog Boardwalk in August. Allison Gardner, an assistant professor of arthropod vector biology, will lead an informative walk and talk about ticks and mosquitoes at 10 a.m. Aug. 11. Attendees should meet at the cabin at the start of the boardwalk. Erik Blomberg, an assistant professor of wildlife ecology, will lead a bat walk at 7:30 p.m. Aug. 14. Bangor City Forest bat detectors will be used to record bat echolocation sounds and identify the species of the bats. This walk is limited to eight participants. Rain date is Aug. 15. Those interested in attending a walk, contact james.bird@maine.edu. UMaine is one of three partners that manage the Orono Bog Boardwalk, along with the City of Bangor and the Orono Land Trust.

Roth helps plant chestnuts, The Piscataquis Observer reports

07 Aug 2018

[The Piscataquis Observer](#) reported Brian Roth, the acting director of the Cooperative Forestry Research Unit at the University of Maine, collaborated to plant an American chestnut germplasm conservation orchard at the Law Farm in Dover-Foxcroft. Germplasm are living genetic resources, like seeds. The American chestnut tree grew on more than 200 million acres of the eastern United States before a fungal pathogen caused a blight and killed about 4 billion trees by 1950. The American Chestnut Foundation is working to restore the species, including a planting of 104 seedlings July 18, 2017 at the farm. A sign to inform visitors about the orchard was installed Aug. 2, according to The Piscataquis Observer. The American Chestnut Foundation’s Maine chapter, the Piscataquis County Soil and Water Conservation District, science teachers from Foxcroft Academy and Roth collaborated to plant the seedlings.

Turner Publishing, Kennebec Journal and Morning Sentinel advance Extension tomato preservation workshop

07 Aug 2018

[Turner Publishing](#) and the [Kennebec Journal and Morning Sentinel](#) previewed a University of Maine Cooperative Extension food preservation workshop Aug. 28. The hands-on class will demonstrate how to preserve the garden's harvest, specifically basic steps for safely canning and freezing fresh produce. The focus will be salsa and stewed tomatoes. The \$10 fee includes produce and a sample jar to take home; participants should bring a potholder. Enrollment is limited to 12, with a minimum of eight required. Limited financial assistance is available. For more information or to request a reasonable accommodation, contact Kathy Hopkins, 207.474.9622; khopkins@maine.edu. More information is [online](#).

Forensic Magazine interviews Sporer about Twitter, terrorism research

07 Aug 2018

[Forensic Magazine](#) interviewed Karyn Sporer, an assistant professor of sociology at the University of Maine, for an article about her research on terrorism and Twitter. Sporer analyzed tweets posted within 24 hours after major terrorist attacks, including Nice and the Pulse nightclub attack, to discern ways in which terrorists justify violence and look for patterns. She found distinct patterns similar to those used by criminals to justify their actions, grounded in basic criminology theory, according to Forensic Magazine. Sporer found that it was often not religious extremism driving the messages and corresponding actions, but perceptions of hypocrisy and inconsistency in the reporting of violence. "This appeal to hypocrisy is very prevalent," Sporer said. "The hashtag social movements — anything like Pray for Paris, or I Am Paris, Not in My Name ... That seems to be infuriating to a lot of these sympathizers. It's not necessarily members of the Islamic State, but people who support what they're doing." She also noticed a lot of posts drawing on "whataboutism," a strategy that calls attention to unrelated violent events, often in other parts of the world, to diminish the importance of breaking news. "It's the in-group, out-group dynamics of society. We always want to find an 'other.' That way, we can take away their humanity, and kill them. That's humanity in a nutshell — and you can see those social forces online, and in real time through these tweets," she said. Sporer is working on a more in-depth analysis of tweets following the Orlando and Paris massacres, the Charlie Hebdo shooting and the San Bernardino attack, the article states. "If we're worried about the recruitment and radicalization of Westerners, it doesn't matter who's tweeting this. All that matters is the message, and who's reading it — who's going to take that in, and make it part of their own identity," said Sporer.

Dill, Elias quoted in Public Integrity report on ticks, Lyme disease

07 Aug 2018

[The Center for Public Integrity](#) interviewed Griffin Dill, an integrated pest management professional with University of Maine Cooperative Extension and the director of the Extension's new diagnostic laboratory, for a report on ticks and Lyme disease in Maine. The report also quoted Susan Elias, a vector ecologist at the Climate Change Institute. Fifteen tick species live in Maine; one is considered a public health threat — the deer tick, or blacklegged tick. This species carries Lyme and other diseases, including anaplasmosis and babesiosis. This year, ticks were spotted across the state before the arrival of spring. Reported cases of Lyme disease in Maine have increased from 71 in 2000 to 1,487 in 2016, according to the report. Numbers have been on the rise across the country, as well. Infectious diseases carried by cold-blooded insects like ticks and mosquitoes are subject to alterations in distribution patterns related to even small temperature shifts. Maine's climate is warming, with hotter and longer summers and milder and shorter winters, making the state a more ideal habitat for ticks. A 2014 study led by a researcher from Canada's Public Health Agency showed that higher temperatures were correlated with higher tick breeding up to five times in Canada and two times in the northern United States, followed in both places by an invasion of Lyme disease. Also in 2014, the U.S. Environmental Protection Agency named Lyme disease an official indicator of climate change. Maine researchers have found a strong correlation between milder winters and tick activity, projecting that warming will make the state's northernmost counties as habitable for deer ticks as the rest of Maine, the article states. Dill is grateful for the new research facility at UMaine, where he can expand surveillance of ticks and test them for pathogens. But, "We're still so inundated with tick-borne disease," he said. "We're trying to plug holes in the dam." The [Portland Press Herald](#) and the [Sun Journal](#) carried the Public Integrity report.

Princeton Review names UMaine as among the best 384 colleges

07 Aug 2018

The Princeton Review has lauded the [University of Maine in its newest guide](#), "The Best 384 Colleges: 2019 Edition," focusing on UMaine's unique combination of "extensive academic opportunities expected from a major research university, with the close-knit feel of a small college." In the 27th annual guide, UMaine scored highest in four key measures in an extensive student survey, including student engagement, political awareness and quality of residence halls. In the Princeton Review "Students Say" section, a more intimate picture emerges: "The University of Maine is, put simply, 'a fantastic state school,'" with students highlighting programs in engineering, music, forestry and natural resources, and marine sciences, among many others. While "tuition is affordable" and "financial aid was fantastic," UMaine's value nevertheless supports high academic standards, according to the students surveyed. "The majority of the faculty members are brilliant and genuinely care about the progress of their students," noted one student. Another student extolled, "I've had three of the greatest teachers I've ever had here already." In addition to its academic strengths, students especially noted their satisfaction with the Career Center, Fogler Library and the Counseling Center. Campus life generated some of the highest ratings, with student activities benefiting from UMaine's sense of community, its "very open and friendly" people and, perhaps most of all, the great outdoors at UMaine's doorstep. It can't be disputed that "Maine is very beautiful," a student noted. You can't help but "take advantage of natural beauty that Maine has to offer," especially in skiing and hiking, said another. True to its motto, says the Princeton Review, UMaine's students call it the "*College of our hearts, always*." The Princeton Review citation is the second for UMaine in the past month. In July, the "Fiske Guide to Colleges 2019" listed the university as [one of the more than 300 "best and most interesting" colleges](#) in the United States, Canada, Great Britain and Ireland. Contact: Margaret Nagle, 207.581.3745

Reminder: New portrait schedule for UMaine community members

08 Aug 2018

The Division of Marketing and Communications offers studio portrait sessions for faculty, staff and students twice a month. Portrait photos can be scheduled between 8–9 a.m. on the first Tuesday of every month, and between 4–5 p.m. the first Wednesday of every month. The Marketing and Communications photo studio is in 213 Alumni Hall. To schedule a portrait, which is free to members of the UMaine community, contact Jeannine Hashey, jhashey@maine.edu;

581.3758. Those having portraits taken are asked to come dressed in attire suitable for a professional photo. Each portrait session takes under 10 minutes. There is a \$20 fee for subsequent portrait sessions in the same academic year. Digital copies of portraits will be provided. They also are added to the Marketing and Communications photo database. For more information, contact Ron Lisnet, manager of visual media, 581.3779.

Savoie interviewed for BDN article on preserving harvest

08 Aug 2018

The [Bangor Daily News](#) interviewed Kathy Savoie, an educator with the University of Maine Cooperative Extension, for an article on preserving the harvest. This time of year, gardens often yield an abundance of fresh produce, more than their owners can consume. Canning and freezing can save the excess harvest for enjoyment during the rest of the year, the BDN reports. “Personally, it’s a large interest of mine. It’s something that I always did, and something I grew up doing. And it’s an area that I’ve seen grow significantly from a public interest standpoint, as local foods have become increasingly popular,” said Savoie, who oversees an Extension program that trains master food preserver volunteers who can help community members safely preserve produce. And food safety is of the utmost importance. One of the best ways to ensure safety is to follow recipes tested by food safety experts — Cooperative Extension, the United States Department of Agriculture or the National Center for Home Food Preservation — according to the article. “It’s very important that people get their recipes from a reliable source. We want to make sure that people are getting the most current information as well,” Savoie said. The article included tips for canning and freezing different types of produce with different acidity levels, and recipes for pickled dilled beans and standard tomato ketchup.

Hart quoted in Nature Sustainability article on leadership challenges in interdisciplinary environmental research

08 Aug 2018

[Nature Sustainability](#) quoted David Hart, a professor of biological sciences and the director of the Senator George J. Mitchell Center for Sustainability Solutions at the University of Maine, in the article, “Meeting the leadership challenges for interdisciplinary environmental research.” The Mitchell Center has been involved for more than a decade in an interdisciplinary tidal energy project on the Bay of Fundy between New Brunswick and Nova Scotia. Hart is part of a group of 20 leaders sharing their experience leading interdisciplinary organizations, improving scholarship and formalizing ways they can learn from each other, the article states. Interdisciplinary research can be the most effective approach to complex environmental problems, but approaching it in a practical way can be complex. Hart believes “that a solutions-focused approach to academic research requires long-term sustained emphasis on keeping research channels open for interdisciplinarity.” The Mitchell Center brings together 200 faculty members from 18 institutions, encompassing almost every field of study. Hart’s experience there has enhanced his understanding of the role of leaders in facilitating the researchers’ work. “If they’re missing expertise in their research, we help them find it. Or, if the teams crash into some conflict that arises when diverse teams try to work together, we help resolve it,” Hart said. Addressing structural differences of research processes, funding and the organizations can bring in new research that’s needed to solve contemporary environmental issues.

Socolow pens piece for The Conversation on conspiracy theorists in media

08 Aug 2018

Michael Socolow, an associate professor of communication and journalism at the University of Maine, wrote a piece for [The Conversation](#) about conspiracy theorists throughout the history of American media. Beginning with Alex Jones of InfoWars, whose content was banned by Apple, Facebook, YouTube, Spotify and other major web content distributors for violating their policies against hate speech and inciting violence, Socolow’s analysis traces a string of controversial media figures stretching back through history to others like Glenn Beck at HLN and Fox News, and “radio priest” Father Charles Coughlin. Socolow wrote about the roots of this recurring phenomenon, saying that conspiracy theorists take advantage of failure, insecurity and anxiety in individuals, and regardless of whether old ones are banned or censored, new ones will emerge as long as these sentiments are present in American people. “A large audience of disappointed people looking for excuses will always exist. Their civics textbooks and teachers taught them that hard work, diligence, obedience to authority and responsible living inevitably results in economic prosperity,” wrote Socolow. “But it often doesn’t work out that way. They feel lied to, and InfoWars exists to confirm their suspicions. Because there will always exist a rabble to be aroused, this is the space that rabble-rousers historically exploit ... They simultaneously soothe and stoke the anxieties and insecurities of Americans living in a world that’s increasingly complex and beyond comprehension.” The Associated Press, the [Bangor Daily News](#), [WallStreetWindow](#) and [YubaNet](#) published The Conversation article, and WTOP (a radio station in Washington, D.C.) carried the AP version.

The Maine Edge previews CCA’s 2018-19 season

08 Aug 2018

[The Maine Edge](#) previewed the Collins Center for the Arts’ 2018-19 season, which opens Sept. 14 with Blackberry Smoke. Technically, the first show of the season is a Sept. 7 broadcast of National Theatre Live’s “The Curious Incident of the Dog in the Night-Time,” said Danny Williams, the CCA’s executive director. But Blackberry Smoke truly begins the season’s kickoff “reunion weekend.” The CCA is a foundational piece of the cultural community, with high-quality programming year after year for more than three decades, according to the article. “Broadway is always an anchor point for us. The big national tours are major parts of our season,” Williams said. This year’s touring shows performing at the CCA include “Rock of Ages,” “Something Rotten!” “Spamalot” and “The Sound of Music.” The season offers its usual wide variety of shows, from musical groups and theatre to children’s shows and comedy. There’s even a touring hologram show, “In Dreams: Roy Orbison,” featuring a recreation of the late musician performing classics and new arrangements of original pieces. “Another full season. And we’re really excited to get going,” said Williams.

Moxley named Distinguished Writer in Residence

08 Aug 2018

Professor of English and poet Jennifer Moxley has been named the fall 2018 [Distinguished Writer in Residence](#) at the University of Richmond.

Extension 4-H offers Aquaponics SPIN Club

09 Aug 2018

This summer, Hancock County 4-H has been collaborating with the Center for Cooperative Aquaculture (CCAR) in Franklin and the University of Maine Center for Inclusion and Disability Studies (CCIDS) to offer a 4-H Aquaponics SPIN Club to high school youth in the Franklin area. The group meets at the CCAR facility weekly to care for two aquaponics systems, through which the youth learn about growing plants with the wastewater from fish. Highlights so far include feeding halibut and codfish, taking water quality measurements, thinning lettuce seedlings, dissecting squid and cooking with Deb Spurling, an Extension nutrition educator. The program continues through the end of August, and program leaders hope to continue aquaponics programming this year throughout Hancock County. This program is supported by Maine EPSCoR, SEANET, UMaine Center for Cooperative Aquaculture Research and UMaine Cooperative Extension.

Rev. Liberty appointed director of Wilson Center

09 Aug 2018

Rev. Rebecca Schlatter Liberty has been appointed director of the Wilson Center for Spiritual Exploration and Multifaith Dialogue for the 2018-19 academic year, effective Sept. 1. Rev. Liberty has experience with religious and spiritual life at several universities, including Stanford University and Santa Clara University. At Santa Clara, she served as a campus minister with students from any religious background or none, developing programs to help students make decisions for their future according to their deepest values and convictions. From those conversations emerged her book, "The Treasure Hunt of Your Life: Seeking Your Calling, Encountering God, Finding Yourself." Born in the Midwest and raised in Silicon Valley, Rev. Liberty earned her bachelor's degree in American studies from Amherst College, her master's of divinity at Pacific Lutheran Theological Seminary and Harvard Divinity School, and her Master of Business Administration at Marylhurst University. She was ordained in the Evangelical Lutheran Church in America in 2002 and has served congregations in Hong Kong, northern California and Nevada. Most recently, she served as lead pastor of Redeemer Lutheran Church in Bangor, where she lives with her husband, a UMaine alumnus, and two young children. The outgoing director, the Rev. Lauren Seganos Cohen, will conclude her time at the Wilson Center at the end of August. The Wilson Center's mission is to create progressive, ecumenical and multifaith dialogue for the UMaine community and through worship, study and service to work for social justice, honor diversity and provide opportunities for spiritual growth. The center's core value is the equality of all people. The Wilson Center is located at 67 College Ave. in Orono.

Steneck recent guest on Maine Public's 'Maine Calling'

09 Aug 2018

Bob Steneck, a professor in the School of Marine Sciences at the University of Maine who's based at the Darling Marine Center, was a recent guest on [Maine Public's](#) "Maine Calling" radio show. The show focused on the status of Maine's lobster population, the effects of climate change and tariffs, the role of the lobsterman and the lobster industry's outlook.

BDN interviews Elias for article on invasive Japanese barberry, ticks

09 Aug 2018

The [Bangor Daily News](#) interviewed Susan Elias, a vector ecologist at the University of Maine Climate Change Institute and a research associate at the Lyme and Vector-Borne Disease Laboratory at the Maine Medical Center Research Institute, for an article about how the invasive Japanese barberry bush helps ticks survive in Maine. Barberry, which was introduced to North America in the 19th century, creates a microclimate of higher humidity and lower temperatures suitable for ticks. It covers area from Nova Scotia to South Carolina to Montana, according to UMaine Cooperative Extension. "Barberry thickets actually make a pretty good habitat, not just for ticks but for some of their host species," said Elias, referring to mice and other small animals. "There are places in southern Maine where barberry has completely taken over the understory of the forest," Elias said. "Barberry forms a dark thicket, and very little can survive those shady conditions." About a decade ago, the United States Centers for Disease Control awarded a grant to a research team Elias was part of, for studying habitats associated with deer ticks. The connection to barberry emerged from this research. Clearing barberry can reduce the abundance of ticks and the risk of Lyme disease, and it is recommended that the plant is cleared every five years. Cooperative Extension recommends mechanical removal in a [bulletin](#) included in the article. "Barberry is very hard to remove, but where there's a will, there's a way," Elias said. [Maine Public](#) carried the BDN article.

Lobster Institute statistics cited in media reports on cotton candy-colored lobster

09 Aug 2018

The [Portland Press Herald](#), [Fox News](#) and [Q106.5](#) cited statistics from the Lobster Institute at the University of Maine in reports on a cotton candy-colored lobster at a Portland restaurant. The female lobster, nicknamed "Blue Betty," was part of a shipment to Scales Restaurant and kept in their dining room viewing tank. Co-chef Travis Olson and his wife rowed to Cow Island in Casco Bay to release the lobster, the Press Herald reports. Most lobsters in American waters are dark bluish green to greenish brown. Blue lobsters are one in 2 million, yellow lobsters are one in 30 million, split-colored lobsters are one in 50 million and albino lobsters are one in 100 million, according to the Lobster Institute, which does not list statistics for cotton candy-colored lobsters.

Media report on celebration of DOT grant for Composites Center

09 Aug 2018

The [Bangor Daily News](#), [News Center Maine](#), [WABI](#) (Channel 5), [WVII](#) (Channel 7), [Mainebiz](#), [Construction Dive](#) and [For Construction Pros](#) reported on the Aug. 8 testing of a bridge and celebration of a \$14.2 million grant from the U.S. Department of Transportation to improve transportation in Maine at the University of Maine Advanced Structures and Composites Center. UMaine is leading a group of six New England universities on a project by the new Transportation Infrastructure Durability Center to develop building materials to reduce the need for expensive repairs, the BDN reports. "I am so proud that UMaine led the coalition that won this highly competitive competition. Especially, I know I shouldn't say this but I have to: We beat MIT," U.S. Sen. Susan Collins told WVII. Collins presented the first installment of the funding, according to News Center Maine. "Our transportation infrastructure truly is crumbling and if we can come up with ways to rebuild it more quickly, more securely, and have it last longer and cost less that is a winning formula," she told

WABI. Collins helped secure the grant by working with the Transportation Appropriations subcommittee, WVH reported. MIT has won the grant for the past 20 years; this is the first time UMaine has received the funding. The composite bridge girders, developed at UMaine and made with 3-D printers, can support a bridge for as long as 100 years, and are stronger and lighter than steel, meaning they are easier to transport and assemble, the BDN reported. These bridges can be built in 72 hours. "The design load for a highway bridge is exceeded by a factor of seven and a half times," Habib Dagher, the center's executive director, told WABI. "Which is what we designed this for. So it is seven-and-a-half times stronger than the code requires right now and it's more than three times the strength of a typical highway steel concrete bridge." The center tested the bridge to failure at the event, and plans next to build a bridge that's double the length, with the goal of having the lighter, stronger and cheaper material become the standard for bridge building, according to WABI. "It means jobs for these future graduates," said Sen. Collins. "It means new materials that will allow our bridge to last for a hundred years and it will allow us to build roads, bridges and rail lines far more quickly than is possible today." [The Keene Sentinel](#) published the BDN article.

Transportation Center, rapidly deployable bridge system celebrated

09 Aug 2018

Plans for the highly competitive \$14.2 million, five-year grant recently awarded to the University of Maine to establish a University Transportation Center were the focus of a media event Aug. 8, led by U.S. Sen. Susan Collins, UMaine President Joan Ferrini-Mundy, Maine Department of Transportation Commissioner David Bernhardt and Advanced Structures and Composites Center Executive Director Habib Dagher. Approximately 100 people attended the event at the UMaine Composites Center, including construction industry leaders, engineers and researchers representing universities throughout New England. The UMaine-led coalition, called the Transportation Infrastructure Durability Center, includes the University of Rhode Island, University of Connecticut, University of Massachusetts Lowell, University of Vermont, and Western New England University. Additional partners include representatives from state DOTs and the American Society of Civil Engineers Transportation and Development Institute. "This center is further demonstration of the leadership of the Advanced Structures and Composites Center at Maine's public research university," says Ferrini-Mundy. "The cutting-edge research done here and in partnership with the other members of the coalition will make a difference in this state, throughout New England and nationwide." Dagher says Sen. Collins has worked tirelessly to help make Maine and UMaine research and development leaders. "Her efforts over many years have enabled UMaine to develop world-leading labs and technologies that have led to creating new Maine businesses. Engineering and science research programs have also employed and trained thousands of UMaine students who are now leaders in industry," he says. After two decades of innovation, the UMaine Composites Center is a world-leader in developing innovative solutions to address the nation's civil infrastructure challenges, Dagher says. And the new University Transportation Center is a game-changer for UMaine and its students. "It will allow us to work with DOTs and university colleagues across New England to extend the life of bridges and roads, and develop new materials and technologies to build more durable bridges," he says. "The 72-Hour Bridge that we just successfully tested today [Wednesday] is an example of new technologies that we plan to develop and deploy." Immediately following the media event, an innovative, rapidly deployable bridge system designed at the center was tested to failure. The composite bridge withstood forces up to 376,000 pounds and 7.5 times the HL 93 design load specified by the American Association of State Highway Transportation Officials. The lightweight system, named the 72-Hour Bridge, can be built in fewer than three days and is designed to last 100 years with little or no maintenance. The bridge system is targeted to be used for highway bridges, pedestrian bridges and military applications. The Advanced Structures and Composites Center is a world-leading, interdisciplinary center for research, education and economic development encompassing material sciences, manufacturing, and engineering of composites and structures. It includes a testing laboratory with more than 150 full- and part-time personnel. Watch Collins, Bernhardt and Dagher [deliver remarks](#) at the event. — Meghan Collins, 207.581.2117, 207.852.8414

Cooperative Extension hosts North American blueberry conference

10 Aug 2018

More than 74 participants from 13 states and three other countries — Norway, Canada and New Zealand — are expected at the University of Maine Aug. 12-15 for the North American Blueberry Research and Extension Workers Conference. This is the second time that this national conference has been held in Maine; the first was in 1966. University of Maine Cooperative Extension organized the four-day conference in Wells Conference Center. There will be research poster sessions and presentations on topics ranging from studies of fertilizers and disease control in lowbush and highbush blueberries to the impact of increased foreign and domestic blueberry production on U.S. blueberry industries, and the outlook for wild blueberries in a changing climate. Tours of blueberry barrens, processing facilities and beehives will take place on the last day of the conference. A copy of the conference program, including presentation times, is online.

Daily Mail cites UMaine study in articles on pet foxes, bonding with cats

10 Aug 2018

A study published by University of Maine researchers in 2011 was cited in Daily Mail articles on [breeding foxes to be less aggressive](#) and [forming emotional bonds with cats](#). A 60-year study in Russia has been experimenting with breeding foxes to develop tame and aggressive breeds, the former of which could be suitable as pets. Understanding links between fox genetics and behavior could inform knowledge of social behavior in other animals, according to the Daily Mail. The other article focused on a study in Hungary involving male and female cat owners showing that women are more likely than men to initiate almost all types of interaction with their cats. In a related story included with both articles, "When did people start keeping animals as pets?" the Daily Mail cited the UMaine study which found evidence that dogs were being bred, and eaten, by humans in Texas about 9,400 years ago.

WABI reports on Maine AFL-CIO Labor Summer Institute

10 Aug 2018

[WABI](#) (Channel 5) reported on the 2018 Maine AFL-CIO Labor Summer Institute held Aug. 8-9 at the University of Maine. The institute provided an opportunity to have open lines of communication and discuss the past and future of labor unions. The gathering included delegates from Hungary and Germany, according to WABI. Union members and students were welcome to attend the institute, a collaboration between the Maine AFL-CIO and UMaine's Bureau of Labor Education.

Self magazine cites Borkum's migraine research

10 Aug 2018

Research by Jonathan Borkum, an adjunct associate professor of psychology at the University of Maine, was cited in a [Self](#) magazine story on migraines. Various weather conditions can trigger migraines in some people. These include bright sunlight, extreme heat or cold, sun glare, high humidity, dry air, high winds, storms and changes in atmospheric pressure, the article states. Researchers are unsure of what exactly is responsible for this connection, but they have some ideas. One theory, developed by Borkum, is that migraines triggered by extreme weather are a protective mechanism against harmful conditions to improve survival in the wild. The theory is based on the idea that migraines could be the body's response to oxidative stress, which can lead to cell damage, according to a paper by Borkum. Another [paper](#) by Borkum indicates certain weather conditions could cause oxidative stress by contributing to air pollution. More research on the topic is needed, and the article recommends that those who suffer from migraines keep a diary to discover possible patterns that could reveal triggers.

VillageSoup, Kennebec Journal and Morning Sentinel advance Master Gardener Volunteers program

10 Aug 2018

[VillageSoup](#) and the [Kennebec Journal and Morning Sentinel](#) announced the University of Maine Cooperative Extension Master Gardener Volunteers program in Knox, Lincoln and Waldo counties is accepting applications. Classes meet 1—4:30 p.m. Oct. 4 through Nov. 15, and March 21 through May 2. Most classes will be at the Knox-Lincoln Extension office in Waldoboro and some will be at the Waldo County Extension office. The 45-hour program includes research-based informational classes on volunteerism, an introduction to Extension, understanding soils and organic matter, basic botany, integrated pest and disease management and pesticide safety. Participants will begin volunteering at approved community sites after completion of the program. Apply [online](#) by Aug. 24. For more information or to request a reasonable accommodation, contact Liz Stanley, 207.832.0343, elizabeth.stanley@maine.edu.

On the Water features Golet's yellowfin tuna research

10 Aug 2018

[On the Water](#) magazine highlighted research by Walter Golet, a research assistant professor in the School of Marine Sciences, in an article on yellowfin tuna, which are slightly overfished in the Atlantic. Golet's team was awarded funding from the National Oceanic and Atmospheric Administration's Saltonstall-Kennedy Program, with support from the NOAA Cooperative Research Program and the International Commission for the Conservation of Atlantic Tunas. The research will inform best-practice capture and handling recommendations for recreational anglers, the article states. Preliminary data suggests yellowfin tuna is a resilient species capable of recovering after capture on typical trolling gear, proper handling and subsequent release. However, U.S. law requires yellowfin tuna to be kept in the water during de-hooking if they are intended to be released. If this proves difficult, the researchers recommend clipping the line as close to the hook as possible. Further, to fill in data gaps surrounding the life history of tropical tunas like yellowfin, the researchers are calling for people to collect biological samples from tuna. Those interested in helping collect samples or participating in the volunteer conventional tagging program, contact walter.golet@maine.edu or jkneebone@neaq.org for more information.

BDN interviews Drummond about bee habitat publication

10 Aug 2018

The [Bangor Daily News](#) interviewed Francis Drummond, a professor of insect ecology and insect pest management at the University of Maine, for an article about a new report he co-authored, "Bees and Their Habitats in Four New England States." The report covers 401 bee species in Maine, Massachusetts, New Hampshire and Vermont — 275 of which are present in Maine — and ways to preserve their habitats and food sources, the BDN reports. Drummond worked with other scholars from UMaine, the University of Massachusetts and the University of Vermont to compile available literature and information on bees in northern New England to help inform people about threats bees face and ways to prevent population decline. "We wanted to write a document aimed at people working for natural resource or conservation agencies, municipalities, state agencies and anyone concerned with bee health," said Drummond. "It was really fun to be involved and interact with so many people from all different perspectives — we had economists, horticulturists and agriculturists provide information on how to plant bee gardens and maintain them." Suitable habitats for bees include open spaces and the edges of forests. Drummond told the BDN that northern New England is reverting back to more forestland, which is less ideal for bees. The best habitat has flowering plants that are free from pesticides, infrequently mowed and planted with multiple species to provide pollen and nectar throughout the growing season, according to the report. Allowing clover, small mint species and dandelions to grow on lawns also can help. "Even people with not a lot of land can help," said Drummond. "These flowers are pretty, and the bees do really well with them."

VillageSoup reports UMaine to offer annual CIFF course

13 Aug 2018

[VillageSoup](#) reported the University of Maine will offer its annual documentary film course including participation in the Camden International Film Festival Sept. 13–16. In addition to the festival, where students can network with filmmakers and industry leaders, the course includes four preparatory classes on the critical language, history and potentials of documentary filmmaking, according to VillageSoup. Interested students can enroll via MaineStreet or contact UMaine's Division of Lifelong Learning, 581.3143. More information is [online](#).

The County interviews Porter for report on potato research

13 Aug 2018

[The County](#) interviewed Greg Porter, a professor of crop ecology and management at the University of Maine, for a report on a field day at UMaine's Aroostook Research Farm, and ongoing potato research. Porter leads the potato breeding program at the farm, the largest of UMaine's five agricultural experiment stations, the article states. Research at the farm covers the development of potato varieties with resistance to disease and pests, sustainable management of potato diseases and pests, crop rotation and other topics related to growing potatoes. "It takes about 12–14 years to develop a new potato variety. Each variety has to do many things well," Porter said. Forty varieties of russet potatoes "have been tested in fields in northern Maine for six years. Maybe one or two of those will go into commercialization," said Porter, who manages thousands of varieties, many of which never are grown again if they do not have market potential. A key focus of the program is breeding potatoes to be resistant or immune to potato virus Y, a pathogen that stunts growth and can impact multiple generations of the crop, The County reports. The farm will display tubers from some potential potato varieties to the public on Sept. 12. [PotatoPro](#) carried the article from The County.

Islander advances discussion with Cox on Fire of '47

13 Aug 2018

The [Mount Desert Islander](#) previewed a discussion titled "Fact and Fiction: The Fire of '47" to take place at the Southwest Harbor Public Library from 5:30–7 p.m. Aug. 14. The discussion will feature research by Sean Cox, a historian and Honors Associate at the University of Maine, and a reading by Matty Dalrymple from her novel, "The Sense of Reckoning," set on Mount Desert Island at the time of the fire. Cox will illustrate the destruction resulting from the fire that burned more than 17,000 acres in 1947, using historical documents and photographs.

BDN cites research by Bousfield in report on recycling

13 Aug 2018

The [Bangor Daily News](#) cited research by Douglas Bousfield, a professor and the graduate coordinator of chemical and biomedical engineering at the University of Maine, in a report on the rising cost of recycling in Maine, resulting from actions taken by China. Beginning Jan. 1, China banned imports of 24 waste items from the United States and other countries in an effort to clean up its environment, the article states. China also reduced its limit on imports of contaminated waste, like recycling full of broken glass or grease. This resulted in that waste remaining in the United States, where towns have to cover the cost of its disposal. And some towns, like Gouldsboro in Hancock County, cut recycling programs entirely when the cost proved too much for the town budget. Efforts to address challenges in recycling include reducing its volume in the first place. One way to do this is to manufacture biodegradable food packaging. Bousfield's research aims to develop fully recyclable packaging for potato chips made from cellulose nanomaterials instead of aluminum, according to the BDN. [Maine Public](#) carried the BDN report.

Wahle quoted in Press Herald article on trans community's adoption of lobster emoji

13 Aug 2018

The [Portland Press Herald](#) quoted Rick Wahle, a professor of marine sciences at the University of Maine's Darling Marine Center, in an article on the transgender community claiming Maine's new lobster emoji to represent them online. The British group Lobsters Against Transphobia is campaigning for the Unicode Consortium to approve a pink and blue flag emoji to represent transgender people, the Press Herald reports. The pink and blue flag was created by Monica Helms and Ted Eytan in 1999. In the meantime, the group and other supporters of its cause are using the lobster emoji to communicate their message. While some don't think the trend will catch on in Maine, where lobster is already well established, Luke Holden, the Mainer behind the campaign for the lobster emoji, supports the initiative as a way for the group to advocate for their rights while they await a response from Unicode. Lobsters can be gynandromorphs, meaning they can have both male and female characteristics. Wahle said this phenomenon is rare, but not impossible — an anomaly occurring early in embryonic development. The [Sun Journal](#) carried the Press Herald article.

BDN interviews Ranco about agreement between Penobscot Nation, UMaine

13 Aug 2018

In an article on the implementation of an agreement between the Penobscot Nation and the University of Maine, the [Bangor Daily News](#) interviewed Darren Ranco, an associate professor of anthropology, the chair of Native American programs and coordinator of Native American research at UMaine. UMaine occupies traditional territory of the Penobscot Nation, and this spring the two signed a memorandum to solidify their relationship and grant access for Penobscot Nation members to the Penobscot cultural items held by the school. Actions to accomplish this include installing signs around campus with Penobscot place names in their language, cataloguing artifacts to complete an inventory that will be located on a social media site for the indigenous community, and incorporating the questions and issues important to Native people in the research conducted at the university, according to the article. These efforts will help the people of the Penobscot nation become more connected and involved, and improve the quality of indigenous student life. "At its core [the memorandum] is a reflection of the Penobscot Nation acting as a sovereign entity, as a community, as a Nation, to really be the center for our own cultural heritage," said Ranco. "As someone who's a member of the Penobscot Nation, I'm very invested personally in that work, and creating really positive, mutually beneficial relationships, and understanding the roles that both Native and non-Native people can have." Progress has been made, but there is still lots of work to be done, Ranco told the BDN. [Maine Public](#) also reported on actions to move the agreement forward.

UMaine historian awarded NEH grant for cutting-edge digital Holocaust ghettos project

13 Aug 2018

Historical geographer Anne Knowles has been awarded nearly \$300,000 to use cutting-edge technologies to analyze Holocaust ghettos and the millions of people caught in their brutal conditions during World War II. A three-year, \$296,455 National Endowment for the Humanities Digital Humanities Advancement Grant will fund "The Holocaust Ghettos Project: Reintegrating Victims and Perpetrators through Places and Events." Knowles is directing the project with co-directors Paul Jaskot of Duke University and Anika Walke of Washington University in St. Louis. They'll combine three approaches from digital and spatial humanities to construct a place-based model. "Our project is intended to bridge the long-standing divide in Holocaust studies between victims and perpetrators by locating them together in places targeted by ghettoization," says Knowles, the Colonel James C. McBride Distinguished Professor

of History at the University of Maine. The researchers will create a historical geographic information system (GIS) of 1,400 ghettos by extracting key information from the United States Holocaust Memorial Museum's (USHMM) Encyclopedia of Camps and Ghettos. This will enable the first systematic, comparative analysis of Jewish ghettos, forced labor and mass murder in Eastern Europe from 1939 to 1945, says Knowles. Knowles also has 1,800 transcripts of video interviews from USHMM and the Visual History Archive of the University of Southern California Shoah Foundation. The team will analyze the many ways that Holocaust victims described the ghettos and their experiences during post-war interviews. Researchers then will use geovisualization — the display of information that has a geospatial component — to explore spatial patterns and physical characteristics of ghettos. They'll reconstruct victims' movements and connect individual trajectories to the larger events that forced millions from their homes. Linguistic analysis of the Holocaust survivors' interviews, along with data visualization and mapping, will "bring out the deep commonalities and the particularities of the ghettos and their residents," Knowles says. Jaskot is professor of art, art history and visual studies, and director of the Wired! Lab of Digital Art History at Duke. The grant will support his research on the built environment of the Krakow ghetto — the ghetto in Steven Spielberg's film "Schindler's List" — and the use of forced labor in the German construction industry during WWII. "With this grant, we can expand our exploration of how perpetrators and victims of the Holocaust intersected in specific spaces. I am excited about attempting to model German plans for occupied Krakow while also capturing Jewish experience of the spaces and labor in the ghetto," he says. "By working at the microscale of the city as well as the macroscale of the system, we can come to a more complex understanding of the spaces and experiences of ghettoization." Walke, assistant professor of history at Washington University in St. Louis, is a specialist on the Holocaust in the former Soviet Union. For the project, she'll focus on Belarus, Ukraine, and Galicia, particularly the relationship between ghettoization and localized mass murder. "We hope to make an important contribution to Holocaust and genocide studies by visualizing the variety of ghettos and other places of constriction that the Nazi regime used, and how they were connected to the policies and practices of exploitation and extermination that unfolded differently across the German-occupied territories," she says. "The project will also allow us to better analyze the Jewish experience of ghettoization, such as opportunities for survival and resistance, in different places and under distinct conditions." The research team also includes geographers and historians at Stanford University, Texas State University, Bristol University and UMaine, where graduate and undergraduate students have been laying the foundation for the project since 2016. UMaine history Ph.D. candidate Justus Hillebrand has worked with Knowles to design and test the Holocaust ghettos historical GIS. History master's student Abigail Belisle Haley, an intern with Knowles, will study women's experiences as a research assistant. Recent undergraduates Jennifer Cashin (anthropology/history) and Sarah Treadwell (history) compiled many of the interviews that the team will use. The NEH grant, with additional support from UMaine's College of Liberal Arts and Sciences, will support graduate and undergraduate involvement throughout the three years of the project. "I'm really looking forward to building a team of student researchers at UMaine," Knowles says. Knowles, Jaskot and Walke are members of the Holocaust Geographies Collaborative, a multi-institutional research group that utilizes technology — including GIS — to re-examine the Holocaust. In 2014, the collaborative published the book "Geographies of the Holocaust," which explores the Holocaust at every scale of human experience, from the European continent to individual people's bodies. The researchers found that GIS was well suited to mapping perpetrator actions, including the expansion of concentration and labor camps. But it failed to capture victim experiences or the human meaning of the Holocaust. "This is what pushed us to learn new linguistic methods, so that we could study the personal geographies of victims," says Knowles. "We are very excited to have NEH support to pursue that work in relation to Holocaust ghettos, a topic of great interest today in Holocaust studies." This NEH grant builds on exploratory work that Knowles and her colleagues did 2016–18 with an NEH Digital Humanities Start-Up Grant. Contact: Beth Staples, 207.581.3777

New study shows furfural derivatives a way to make renewable fuel production financially appealing

13 Aug 2018

Sales of furfural derivatives could make renewable fuel production considerably more financially attractive, according to a new [University of Maine study](#). The study, "Economics of biofuels: Market potential of furfural and its derivatives," was led by Kaveh Dalvand, a researcher in the School of Economics, and was published in the journal Biomass & Bioenergy. A major challenge in making renewable fuel is reaching the target price set by the United States Department of Energy's Bioenergy Technologies Office. The study's focus was to evaluate the economic potential of several major biochemical co-products derived from renewable fuel production that may help overcome this challenge. The research team looked for co-products of renewable fuel that do not influence the market prices of other co-products and reduce the profitability of renewable fuel investments overall, with a specific focus on furfural. Furfural is a platform chemical that can be converted to more than 80 other chemicals and materials, and can be produced in significant volumes through renewable fuel production. However, the quantity of furfural produced at a commercial scale could impact its national and world price, and lower its economic return from production, according to the research team. The researchers recommend converting furfural to other products to have a smaller impact on market prices and higher revenue for the whole renewable fuel process. The researchers found that two of the furfural derivatives can be produced and sold in the market instead of furfural, and production of one or the other should be prioritized depending on current market elasticity. Based on the researchers' models, the profit when selling furfural derivatives is almost five times the profit when selling furfural. Other members of the UMaine research team include Jonathan Rubin, a professor of economics; Sampath Gunukula, a postdoctoral research engineer with the Forest Bioproducts Research Institute; Clayton Wheeler, a professor of chemical and biomedical engineering; and Gary Hunt, a professor of economics. The research was supported by UMaine's Forest Bioproducts Research Institute under a National Science Foundation Sustainable Energy Pathways award. Contact: Cleo Barker, 207.581.3729

New app, educational game gets its inspiration from phytoplankton

13 Aug 2018



Marine phytoplankton are the inspiration for a new mobile application and educational game launched by University of Maine assistant professor of new media and intermedia Gene Felice. The app, called [Phyto Heroes](#), is an outcome of an interactive art exhibit [Oceanic Scales](#), developed by Felice and Jennifer Parker at University of California Santa Cruz, with a grant from the National Endowment for the Arts. Phyto Heroes explores phytoplankton as a scientific and artistic research subject through an interactive game system designed for third through fifth grade students and beyond, supplemented with 10 downloadable lesson plans for instructors. The goal is to illustrate how environmental factors such as pH, temperature and nitrogen levels affect the ocean. Phytoplankton play an important role in supporting life on Earth. As producers of carbon, these microscopic algae are the first

link in the oceanic food chain, supporting the world's food and, heroically, producing more than half of the oxygen breathed by humans. To create the app, Felice worked with UMaine developers and with Parker. The work was supported by Maine Sea Grant, the National Endowment for the Arts, Epsilon and Alliance Data.

Social media spotlight: Laura Paye

13 Aug 2018

Hometown: Westfield, Massachusetts Laura Paye is a rising senior is pursuing degrees in marine science and environmental science. This summer, she's taking part in the eight-week NASA Student Airborne Research Program. "I spent two weeks in Palmdale, California participating in airborne missions at NASA's Armstrong Flight Research Center. I was on three flights, going all over the state of California in the NASA DC-8 aircraft, measuring emissions and taking remote sensing data. For the past six weeks, I've been at the University of California, Irvine working on my research project about nitrous oxide, an important greenhouse gas: 'N2O Emissions in the San Joaquin Valley.' This internship has changed my life — from driving across the country to get to California, to visiting the NASA Jet Propulsion Laboratory, to seeing the Mars 2020 rover, to collecting air quality data at Sequoia National Park, to all of the incredible connections I have made in the most widely known scientific agency, NASA. I wanted to share my experience with other UMaine students, and encourage rising seniors to apply for next year. At UMaine, when I'm not in class I'm working on my honors thesis about how arsenic affects the behavior of zebrafish. I love UMaine for a lot of reasons, one being the strong sense of community. After I graduate, I'd like to get a government job, hopefully in Maine." See posts featuring Paye on UMaine's [Facebook](#) and [Instagram](#) pages.

Social media spotlight: Corrina Oakley

13 Aug 2018

Hometown: Bradford, Vermont The rising third-year student majors in marine sciences with a concentration in biology and minors in zoology. This summer, she's interning with White Shark Africa, a research, conservation and ecotourism company. "The desire to be a young woman in STEM research has always driven me to never stop learning and to never stop traveling. This is my second time interning in Mossel Bay, South Africa. I receive college credit and field experience hours by working with one of the world's apex predators, great white sharks. I did vigorous research last year with Oceans Research, and was able to fully understand the behavioral, migration and hunting strategies of these animals. Now, I use my knowledge to inform our cage-diving clients about the beauty and power of these animals, and change the fearful perspectives they might have. White Shark Africa brings awareness to a larger community of people all over the world. Being a part of that is just one of the many passions I have for all marine research. Friends are the family you choose, and I spend the majority of my time with them ... cooking dinner, making campfires and playing video games. The rest of my time goes to playing club soccer, diving or snorkeling, working part time or coming up with ideas for my next international internship. I am proud to be a UMaine student. I wanted to branch out and be part of a larger community — UMaine gave me that and much more. I've met some of the most incredible people throughout my time here who have pushed me past every obstacle I've faced. The professors and TAs I've worked with genuinely care about your well-being as a student and as an individual." See posts featuring Oakley on UMaine's [Facebook](#) and [Instagram](#) pages.

Hargest recent guest on Maine Public's 'Maine Calling'

14 Aug 2018

Pamela Hargest, a horticulture professional with the University of Maine Cooperative Extension, was a recent guest on [Maine Public](#)'s "Maine Calling" radio show. The show's topic was tips for late-summer gardening, including weeding, pruning and picking.

Birkel quoted in BDN opinion piece on heat waves, climate change

14 Aug 2018

A [Bangor Daily News](#) opinion piece on heat waves quoted Sean Birkel, a research professor at the University of Maine Climate Change Institute and the Maine state climatologist. Heat waves across the globe have become the new normal. Half of the warmest years on record have occurred in Caribou since 2000 and in Portland since 2010, the article states. Melting sea ice in the Arctic has contributed to an increase in overnight temperatures, especially during summer and fall, with fall having the highest average temperature increases, Birkel said. Increased temperatures mean more ticks are surviving the winter, contributing to an increase in Lyme disease incidence, among other issues. The piece called for reducing emissions of greenhouse gases, from the individual to the federal level, to combat climate change.

Dibble, Bickerman-Martens interviewed for Press Herald article on raising monarch butterflies

14 Aug 2018

The [Portland Press Herald](#) interviewed Alison Dibble, an assistant research professor in the School of Biology and Ecology at the University of Maine, and Kalyn Bickerman-Martens, a Ph.D. candidate in ecology and environmental sciences at UMaine, in an article on raising monarch butterflies. This summer, Mainers have reported many more sightings of monarchs than usual. But whether this is a sign of recovery for the species is difficult to say. A petition to list monarchs as threatened was brought to the government's attention in 2014, and a decision is expected by 2019. People could simply be noticing more of the butterflies as a result of heightened awareness, and population fluctuations are common for insects, the article states. The population trend is still negative — the species experienced an 84 percent decline between 2014–15. Many factors could contribute to this, from climate change-induced extreme weather to habitat loss, herbicides and insecticides, and even colliding with cars during migration, the Press Herald reports. Availability of milkweed also is key, since it is the only place monarchs can lay their eggs. Dibble has created 15 plans for pollinator gardens on Maine farms since 2010, and is currently working on four others, each one unique and adapted to the farm's ecosystem. "It's a matter of listening to the farmer to figure out what they want and what they hope to achieve," Dibble told the Press Herald. Bickerman-Martens said Mainers encouraging growth of milkweed is helpful, but that the habitat in Mexico is what really matters for the monarchs. "The biggest issue is their overwintering grounds," she said, which need to stay above 20 degrees to prevent die-offs. This temperature threshold has been affected by extreme storms, and logging also destroys their habitat. "I'm not sure how me bringing three larvae in to raise is helping the monarch population," Bickerman-Martens said. But, she added, "It is nice to have them sitting on the dining room table to marvel at." Bickerman-

Martens also was quoted in a related [Portland Press Herald](#) article, “How to raise a monarch,” which included a step-by-step guide. “We are so well trained as a society that you are not supposed to interfere with wildlife,” she said, but in this case it can actually be helpful. “When they are instars (caterpillars), they are very vulnerable.” The [Biddeford Journal Tribune](#) carried the Press Herald article.

The Ellsworth American previews talk by Glover Aug. 15

14 Aug 2018

[The Ellsworth American](#) previewed a talk by Robert Glover, an associate professor of political science at the University of Maine. “Immigration in the 21st Century: How Immigration is Changing the American and Global Political Landscape” will be held at the Brooksville Free Public Library at 6 p.m. Aug. 15. The number of migrants living in the developed world has grown by more than 65 percent since 1990, according to The Ellsworth American. The talk will cover the changing demographic landscape of the United States, the role of diaspora and immigrants in sustaining developing economies globally, and contemporary debates over immigration policy and enforcement.

WAGM reports on 4-H Baby Beef Club

14 Aug 2018

[WAGM](#) (Channel 8 in Presque Isle) reported on the University of Maine Cooperative Extension’s Aroostook Valley 4-H Baby Beef Club. 4-H programs on a variety of topics are open to children ages 8 to 18. The Baby Beef club consists of 15 members who spend about a year raising steers for auctioning off at the Northern Maine Fair, WAGM reports. Grace McCrum, a member in her fifth year with the club who was interviewed for the report, said the experience helped her learn time management, self discipline and other skills.

GeoDataPoint interviews Sandilands about career

14 Aug 2018

[GeoDataPoint](#) interviewed David Sandilands, an aerial survey pilot and remote sensing technician with the Barbara Wheatland Geospatial Analysis Laboratory in the School of Forest Resources at the University of Maine. Sandilands operates the university’s Cessna 172 aircraft and sUAS (small Unmanned Aerial Systems) platforms, helps develop materials for technical instruction of remote sensing applications, and collaborates with members of the campus community and external stakeholders on geospatial-related research and development projects, the article states. Sandilands also has worked as a commercial airline pilot and certified flight instructor. “Geospatial technology has become a new ‘cornerstone’ for forestry professionals to effectively manage forest resources,” said Sandilands. “The overarching goal of my work is to support the advancement of essential geospatial skills for forestry students and industry professionals to help them achieve their resource management objectives.” The biggest lesson he’s learned on the job is “the need to practice effective time management.” Sandilands told GeoDataPoint he enjoys how every day at his job has the potential for new learning experiences, and that keeping up with advancements in technology is a challenge but he is eager to see what they will bring to the field.

WBOC reports on student researchers collecting data at White Marlin Open

14 Aug 2018

[WBOC](#) (Channel 16 in Maryland) reported on University of Maine student researchers collecting data at the White Marlin Open in Ocean City, Maryland. Brenda Rudnický and Riley Austin, graduate students in the School of Marine Sciences, collected different body parts from some of the fish caught during the tournament for research on the diet and age of marlins. “We really want to update the amount of research that’s been done on the marlin because to our knowledge, the last diet study on marlin was in 1985,” Rudnický told WBOC. “Especially when it comes to highly migratory species like marlin, we don’t have a lot of sampling opportunities. So coming to the White Marlin Open is a great opportunity because there’s a high volume of samples that we can get,” said Austin.

Amr Ismail passes away

15 Aug 2018

Amr Ismail, former University of Maine Cooperative Extension blueberry specialist, passed away Aug. 8. Ismail received his Ph.D. in plant science from UMaine, and remained there as a professor until 1984 before becoming executive vice president of the Maine Wild Blueberry Company in Machias and continuing to make advances in his career, according to his [obituary](#).

Clinical psychology doctoral candidate receives national award

15 Aug 2018

Olivia Bogucki, a fifth-year University of Maine clinical psychology doctoral candidate, was awarded a scholarship through the 8th Annual Beck Institute Student Scholarship Competition. She was selected from a pool of more than 300 applicants to attend an intensive three-day workshop on cognitive behavioral therapy (CBT) for depression and suicidality at the prestigious Beck Institute in Philadelphia, Pennsylvania. The Beck Institute is a world-renowned training center for mental health professionals to learn CBT, an empirically supported approach for treating a variety of mental disorders. In 2015 and 2018, then second-year UMaine clinical psychology doctoral student Rachel Goetze and fifth-year UMaine clinical psychology doctoral student Hannah Lawrence also were selected to attend the workshop.

Seacoast Online announces Extension beekeeping course

15 Aug 2018

[Seacoast Online](#) announced registration is open for Fall Beginner Bee School, a five-week course offered by the University of Maine Cooperative Extension

and the Maine State Beekeepers Association. The classes are held at the Springvale Public Library at 443 Main St. in Springvale, and run from 6–8:30 p.m. Wednesdays Sept. 26–Oct. 24. Cost is \$95 per person, or \$140 for two people sharing materials, and includes a one-year membership in the York County Beekeepers Association, Seacoast Online reports. The registration deadline is Sept. 19. More information is online.

Phys.org, The Penobscot Times carry release on furfural derivatives, marketability of biofuel production

15 Aug 2018

[Phys.org](#) and The Penobscot Times published a University of Maine news release about the sale of furfural derivatives and how they can make renewable fuel production more financially attractive to potential investors. Kaveh Dalvand, a researcher in the School of Economics at UMaine, worked with a team to find co-products of renewable fuel, with a focus on the platform chemical furfural, to find the ones that would not influence the market prices of other co-products. The researchers found that two furfural derivatives can be produced and sold instead of furfural, and that converting furfural to these derivatives would result in higher revenue for the entire renewable fuel process, the release states. The other UMaine researchers on the team are Jonathan Rubin, a professor of economics; Sampath Gunukula, a postdoctoral research engineer with the Forest Bioproducts Research Institute; Clayton Wheeler, a professor of chemical and biomedical engineering; and Gary Hunt, a professor of economics.

Extension bulletin cited in Northwest Arkansas Democrat Gazette article on peppers

15 Aug 2018

The [Northwest Arkansas Democrat Gazette](#) cited a University of Maine Cooperative Extension bulletin in an article on preserving peppers. The article covered several preservation methods, including drying and pickling, as well as recipes. For the chile oil recipe, the article states the instructions should be followed very carefully to avoid contamination by anaerobic bacteria. "The fresh vegetables, herbs, and/or fruits used to flavor or infuse oils can be contaminated with C. bot [Clostridium botulinum] spores. Fresh produce also contains water, which allows bacteria such as C. bot to live and grow. C. bot thrives in an oxygen-free environment like oil. This is why flavored and infused oils must be made and stored correctly to prevent botulism poisoning," according to the [Extension Bulletin No. 4385](#), "Safe Homemade Flavored and Infused Oils."

Dill interviewed by WABI for report on bobcat in Hampden

15 Aug 2018

[WABI](#) (Channel 5) interviewed Griffin Dill, an integrated pest management professional with the University of Maine Cooperative Extension, for a report on a bobcat found in Hampden. Hannah Wilde sent WABI a video of the bobcat wandering through her yard Monday. "Bobcats and predators in general tend to avoid humans as much as possible," said Dill. "So we just aren't used to seeing them as much as the other animals that are around the landscape." Based on the video, he thought the bobcat was healthy. "It's possible that that bobcat was just passing through ... totally natural and not a huge cause for concern," said Dill. But he cautioned against approaching any wild animal. "You do see a wild animal, any wild animal that's acting very strangely, having trouble walking, being extremely aggressive, things like that and those are things to note and to let authorities know about." [WMTW](#) (Channel 8 in Portland) also reported on the bobcat, quoting Dill.

Phys.org publishes release on phytoplankton app, educational game

15 Aug 2018

[Phys.org](#) carried a University of Maine news release about a new app and educational game inspired by phytoplankton. Developed by Gene Felice, an assistant professor of new media and intermedia at UMaine, the app is called Phyto Heroes and explores phytoplankton as a scientific and artistic research subject through a game designed for third through fifth grade students, the release states. The goal is to show how environmental factors like pH, temperature and nitrogen levels affect the ocean. Felice worked with UMaine developers and Jennifer Parker from the University of California Santa Cruz, with funding from Maine Sea Grant, the National Endowment for the Arts, Epsilon and Alliance Data.

Media interview Yarborough in reports on blueberry conference

15 Aug 2018

[WABI](#) (Channel 5), [WVH](#) (Channel 7) and [News Center Maine](#) interviewed David Yarborough, a wild blueberry specialist with the University of Maine Cooperative Extension, in a report on the 2018 North American Blueberry Research and Extension Workers conference held at UMaine and organized by the Extension. This is the first time the conference is being held in Maine in its history of more than 50 years. The four-day conference, covering topics related to all aspects of Maine wild blueberries, drew more than 70 participants from 13 states and three other countries, WABI reports. The final day of the conference featured tours of blueberry barrens, processing facilities and bee hives, according to WVH. "Essentially we are trying to improve the production of wild blueberries to allow us to remain competitive with cultivated blueberries which are grown throughout the world," Yarborough said. "There have been some low prices in the last few years and what we're trying to do is give our growers the tools to hang on. Our job is to grow blueberries, your job is to eat them!"

Upcoming WordPress and SEO training sessions

16 Aug 2018

The University of Maine Digital Communications Office offers weekly UMaine WordPress training at 10 a.m. Aug. 23 and 30, Sept. 6, 13, 20, and 27. The 90-minute sessions cover the basics of WordPress, including how to log in, create pages and edit header, footer and sidebar elements. Members of the university community are invited to join them for an orientation or refresher. Preregister by email to um.weboffice@maine.edu. Walk-ins are welcome. Digital Communications also is offering SEO workshops 2–3 p.m. Aug. 23, Sept. 6 and 20. SEO workshops will explain what website managers and editors should focus on to improve how university webpages are found by users of Google, Bing and the UMaine site search. Each workshop will focus on a participant's website, identifying changes to content and structure that can have a positive impact. These workshops are intended for small groups and email registration to mike.kirby@maine.edu is required. All workshops and training sessions held in the Marketing and Communications office in 213 Alumni Hall.

UMaine on Money's 'Best Colleges for Your Money' list

16 Aug 2018

The University of Maine is on Money magazine's list of [727 Best Colleges for Your Money in America](#). The listing is the latest of national rankings for UMaine, including Princeton Review and Fiske Guide this summer.

Daily Bulldog reports on Maine 4-H Days

16 Aug 2018

The [Daily Bulldog](#) reported on the annual Maine 4-H Days, held this year in July at the Windsor Fairgrounds. Members of Franklin County 4-H from the Doe-C-Doe Dairy Goat Club attended, presenting an enrichment workshop and competing for a spot on the Dairy Team, the article states. 4-H members who attended the Agri-Science Summit in January presented a hydroponics workshop, with supplies funded by part of a grant from the Maine 4-H Foundation. Members also competed in the Dairy Grilled Cheese Challenge, with two earning a spot on the ESE Dairy Team and taking Best in Show, according to the Daily Bulldog. The University of Maine Cooperative Extension conducts the state's most successful out-of-school youth educational program through 4-H.

The Free Press quotes, cites research by Butler in article on TANF

16 Aug 2018

In an article on changes to the Temporary Assistance for Needy Families (TANF) program, [The Free Press](#) quoted and cited research by Sandy Butler, a professor in the School of Social Work at the University of Maine. The LePage administration set a 60-month lifetime limit on receiving TANF benefits in 2011, generating a surplus of funds. The Legislature's Government Oversight Committee has been conducting an investigation into how these funds are being allocated, after it was revealed in 2017 that the DHHS was unlawfully using TANF funds for elderly and people with disabilities rather than to aid low-income families as the fund requires, according to the article. Butler is the only one to have closely studied the effects on families who lost TANF benefits after the establishment of the lifetime cap. Butler said at a July 26 public hearing that respondents to her survey faced barriers to employment including health problems, the need to take care of sick family members, low education levels, lack of transportation and scarcity of jobs. The median income of respondents was \$260 per month, 16 percent of the federal poverty level. And 42 percent of respondents had no income. Two out of five parents surveyed had a disability limiting their ability to work, and one in four had a child or other dependent with a disability. Butler's study found that after losing benefits, 70 percent of those surveyed went to food banks, more than one in three had utilities cut off and one in five was evicted, The Free Press reports. "Five years have passed since these interviews. I do not know of any more recent attempts to find out how the families who have lost TANF assistance are faring. We know from DHHS' own reports that most are not working consistently, nor receiving extensions. We know we have an extremely high rate of food insecurity and child poverty increasing," said Butler. "I believe we have failed one of the most vulnerable populations in Maine."

UMaine Extension educator Lakesh Sharma receives achievement award

16 Aug 2018

University of Maine Cooperative Extension educator Lakesh Sharma received the 2018 Achievement Award from the National Association of County Agricultural Agents at its annual meeting and conference held July 29–Aug. 2 in Chattanooga, Tennessee. The award is given to Extension educators with fewer than 10 years of service who have exhibited excellence in the field of Extension education. This award is only presented to one county Extension educator in Maine each year. Serving Aroostook County as a UMaine Extension soil specialist, Sharma's programs include improving potato yield and quality, soil health, crop rotations and agriculture technology buildup among Maine potato growers. His work has targeted growers from Aroostook County and throughout the state to improve farm production in Maine. He is a member of the precision agriculture community of the American Society of Agronomy. More information about UMaine Extension is available [online](#) or by calling 207.581.3188.

UMaine Extension educator Tori Jackson receives distinguished service award

16 Aug 2018

University of Maine Cooperative Extension educator Tori Jackson recently received the 2018 Distinguished Service Award from the National Association of County Agricultural Agents at its annual meeting and conference held July 29–Aug. 2 in Chattanooga, Tennessee. The award is given to Extension educators with more than 10 years of service in Extension who have exhibited excellence in the field of Extension education. This award is only presented to one county Extension educator in Maine each year. Jackson is an Extension educator for agriculture and natural resources serving Androscoggin and Sagadahoc counties. Her programs include farm business management; social media marketing; and general agricultural education with a focus on beginning farmers marketing a range of animal and plant products throughout the state. Jackson serves as chair of the Beginning Farmer Resource Network of Maine, an organization that brings together agricultural service providers from many agencies and organizations to sponsor professional development and program coordination. More information about UMaine Extension is available [online](#) or by calling 207.581.3188.

Social media spotlight: Sarah Wagner

17 Aug 2018

Hometown: Westbrook, Maine Sarah Wagner is a rising senior majors in communications and history, and a member of UMaine's chapter of Lambda Pi Eta, the National Communication Association's honor society. This summer, she's interning with Broadreach Public Relations in Portland. "Communication studies are essentially universal and can be utilized in many different careers. After an internship with the March of Dimes, I was encouraged to pursue communication studies because of the various ways you can help others through effective communication. Maine's history revolves around storytelling and having the chance to continue that legacy is inspiring. The summer internship with Broadreach Public Relations offers an inside look at one of Portland's strategic communications firms. The opportunity provides me with the ability to engage in real-world public relations practices. Broadreach Public Relations' reputation highlights the importance of maintaining an educational environment in order to unlock a student's potential, which is essential for an internship.

UMaine creates an amazing sense of community through other students as well as the faculty. The campus also provides many ways for students to get involved through athletics, academics or miscellaneous clubs. The campus is beautiful in the fall and, if you can handle the winter, in the spring too!" See a post featuring Wagner on UMaine's [Facebook](#) and [Instagram](#) pages.

NOAA Sea Grant and Fisheries announce 2018 joint fellowship recipients

17 Aug 2018



[caption id="attachment_62310" align="alignright" width="223"] Mackenzie Mazur[/caption] The National Marine Fisheries Service and Sea Grant have awarded one of seven fellowships to University of Maine doctoral student Mackenzie Mazur. The fellowship will support Mazur's research, conducted under advisers Yong Chen and Teresa Johnson, to develop a management strategy evaluation framework for the Maine lobster fishery in a changing Gulf of Maine. Born in Halifax, Nova Scotia, Mazur earned a bachelor's degree in marine science from the University of Maine in 2015. Mazur has received both undergraduate and graduate scholarships from Maine Sea Grant. "This fellowship will allow me to continue reaching toward my goals of informing fisheries management with science and playing an integrated role between fisheries science and policy," she said. The NMFS-Sea Grant Fellowship Program is a focused workforce development effort to train highly qualified professionals in areas of critical need for NOAA's science-based approach to fisheries management. Mazur's research on quantitative modelling, informed by qualitative methods, aims to inform management. "I think Mackenzie's work will lead to the development of a cutting-edge tool for evaluating potential strategies in achieving management goals for the American lobster," says Chen, professor of fisheries science at UMaine. As part of her research, Mazur and undergraduate student Kat Murphy conducted interviews with 32 lobstermen, incorporating their knowledge into computer simulations of the fishery. Mazur's research is truly interdisciplinary and integrative, says Johnson, associate professor of marine policy. "Her work uniquely illustrates the value of incorporating social science and fishermen's insights into management." Fellows are chosen through a two-step competitive process that involves review by the sponsoring state Sea Grant program followed by a national review by an expert panel. "Sea Grant is committed to developing a trained marine workforce through our network of university-based programs. The NMFS-Sea Grant fellowships are an important component to Sea Grant's support of students and professionals in marine sciences and related fields. I wish to congratulate the seven talented fellows chosen this year and wish them luck on their projects," says Jonathan Pennock, director of the National Sea Grant College Program. A partnership between the National Oceanic and Atmospheric Administration and the state of Maine, the Maine Sea Grant College Program at the University of Maine is part of a network of 33 Sea Grant programs throughout the coastal and Great Lakes states. Sea Grant funds marine research, outreach, and education projects and programs statewide. A full list of fellows is [online](#).

Academ-e Orientation Aug. 28

17 Aug 2018

The Division of Lifelong Learning expects to welcome nearly 200 of Maine's brightest high school students at Academ-e Orientation 2018 on Aug. 28 at Wells Conference Center. Academ-e is the University of Maine's Early College program. Through a partnership between the Maine Department of Education and the University of Maine System, tuition is waived for all qualified high school students in Maine to cover full tuition for up to 12 college credits per year. Students across the state can benefit from the flexibility and variety of live (in Belfast and Orono) and online courses offered this fall. UMaine Early College has seen considerable growth in FY18: 61 percent compared to FY17. More information on Early College at UMaine is [online](#).

UMaine to receive NOAA grant to study marine mammal strandings, media report

17 Aug 2018

The Associated Press, [News Center Maine](#) and [WGME](#) (Channel 13 in Portland) reported the University of Maine will receive part of a \$164,000 NOAA grant to study and respond to marine mammal strandings. This initiative comes after a summer of unusually high sightings of dead seals washed up on beaches in Maine — so far, more than 130 dead harbor seals have been recorded for August alone. According to NOAA, the average for August is 38. The cause of the die-off probably will remain unknown for a few weeks, and experts require sample collections and tests, WGME reports. Marine Mammals of Maine and College of the Atlantic also will receive NOAA funding to address the issue. The [Bangor Daily News](#), [U.S. News & World Report](#), [WAGM](#) (Channel 8 in Portland), the [Biddeford Journal Tribune](#) and the Reading Eagle carried the AP article.

Garland, Burnett write article for Produce Grower, quoting Witt

17 Aug 2018

Katherine Garland, a horticultural professional with the University of Maine Cooperative Extension, and Stephanie Burnett, an associate professor of horticulture at UMaine, co-wrote an article for [Produce Grower](#) about community gardens. The article also quoted Amy Witt, a horticulturist with Extension.

The article stated how community gardens are becoming more prevalent, but can require a lot of time and energy to become successful and fully integrated into the community. Garland and Burnett listed some initiatives for commercial horticulture enterprises to help community gardens become and remain a key resource. One of the easiest ways to support community gardens is to promote them on websites and social media to increase awareness, the article states. This includes creating video and photo content for Facebook and Instagram on a variety of topics, and tagging accounts of your business and the garden. Another suggestion is for greenhouses to donate surplus seed and plant material to community gardens, consulting the local Cooperative Extension office to connect with those in need. Retail garden centers can create gift registries and encourage customers to donate items to community gardens. Other recommendations focused on addressing food insecurity, including establishing your business as a drop-off site for produce donations, or sponsoring a plot and donating produce to a local food pantry. For example, with Witt's help, IDEXX created a company-sponsored community garden where employees have paid work time and the produce is donated to food security agencies. "It's really strengthened them as employees and work teams ... a win-win for the business and the people who need the food," said Witt. Establishing employee volunteer days, having employees serve on a community garden board, offering your greenhouse as a meeting space during winter, and offering discounts to certified community garden volunteers and educators are other ways to help community gardens develop a successful presence. "Volunteers are the backbone of community gardens," write Garland and Burnett. "Make sure they stick around and feel appreciated!"

Birch to perform in organ recital at The First Church in Belfast Aug. 26

17 Aug 2018

Kevin Birch, an organ player and instructor of organ and harpsichord at the University of Maine, will perform in an organ recital titled "The George Stevens Organ (1848) at The First Church in Belfast, A Guided Tour and Demonstration Recital." The recital, part of the church's continuing celebration of its 200th anniversary, will be held at the church at 4 p.m. Aug. 26.

Ken Ralph named UMaine Director of Athletics

20 Aug 2018



Ken Ralph, Director of Athletics at Colorado College, has accepted the position of Director of Athletics at the University of Maine, effective Sept. 1.

Dr. Robert Dana, Vice President for Student Life and Dean of Students, led the national search and chaired the 12-member search committee. The university was assisted by Turnkey Search and its Managing Director Gene DeFillipo, a leading figure in intercollegiate athletics with more than four decades of experience heading Division I programs. Chris Lindstrom, UMaine Vice President for Human Resources, and Brian Drisko, Human Resources Partner for Athletics, were key contributors to the process. Ralph, a native of Salem, New Hampshire, has spent the past 11 years as the Director of Athletics at Colorado College. At CC, he oversees a department of 51 professionals and a \$10 million budget. Colorado College's Division I programs compete in the National Collegiate Hockey Conference (hockey), the Mountain West Conference (women's soccer), while several of the school's Division III teams play in the Southern Collegiate Athletic Conference. During the 2017-18 season, CC teams experienced significant success. The volleyball team earned its first-ever national No. 1 ranking, the men's lacrosse team reached its sixth straight NCAA tournament, and the women's lacrosse program reached the NCAA Tournament Round of 16 for the second straight year. In all, the team sports at CC (basketball, lacrosse, hockey, soccer, volleyball) posted an overall record of 115-70-14 during the 2017-18 season. Success followed into the classroom as varsity athletes posted a cumulative GPA in excess of 3.3 for the academic year. Prior to Colorado College, Ralph served as the Director of Athletics at Rensselaer Polytechnic Institute (RPI) from 2002-07. There, Ralph helmed a department with 23 sports, more than 600 varsity athletes and Division I hockey teams in the ECAC Hockey Conference. Prior to moving into administration full-time, Ralph coached swimming at the college level for 12 seasons. Ralph has earned a reputation as a leader in the areas of concept, design and fundraising for athletic facilities. Among his projects are the newly announced \$39 million Robson Arena project, and the \$27 million refurbishment and expansion of the El Pomar Sports Center, both at Colorado College, and the initial design, planning and fundraising for the \$92 million East Campus Athletic Village at RPI. During his tenure, Colorado College has received a dozen gifts of at least \$1 million each in support of athletics, with a top gift of \$9 million for the Robson Arena project. Beyond capital projects, Colorado College has seen sponsorship dollars rise to record levels. The college also has secured deals with Nike and Bauer to outfit its teams. "Ken has demonstrated leadership in helping ensure student-athletes' success in the classroom and in competition, as well as experience in compliance, strategic planning, fundraising and community outreach," says UMaine President Joan Ferrini-Mundy. "We look forward to an exciting new chapter building on our outstanding foundation in Black Bear Athletics, and welcome Ken and his wife Mary to the UMaine community." Ken Ralph is "a perfect example of an athletic director who understands the complex nature of Division I athletics in higher education," Dana says. "He is an expert in internal and external operations. He fully understands fundraising and marketing and compliance and attention to governance structures are highly held beliefs. Ken is a selfless believer in his students, coaches and staff, and he has an impeccable ethical orientation. "He fully understands — and believes in — the mission of the University of Maine, the importance of this institution, and the importance of our athletics program to people all across Maine and the region. Ken is community focused, and his warmth and sense of humor will immediately connect him to the people of this great state. His commitment to this program will cement that connection for years to come," Dana says. "I am honored to join Dr. Ferrini-Mundy's leadership team at the University of Maine,"

says Ralph. "I'd like to thank Dr. Dana and the entire search committee for their support and encouragement throughout the process. I firmly believe in the strength of the Maine Athletics brand, and I am looking forward to working with the students, faculty and staff at the university as we take an already vibrant program to the next level." Ralph earned his undergraduate degree in political science at the University of Alaska-Anchorage, where he was recognized as an All-American in swimming in 1989 and 1990. He earned a master's degree in sports management studies from California University of Pennsylvania. Ralph will take the reins of the department from Capt. Jim Settele, who has served as the interim AD since March 12. "Jim's presence in the AD's chair during this time of transition provided critically important leadership and momentum. He has advanced principles of excellence for all the sports teams, and he has continued important work with our donors and alumni. His work allowed us to approach the search with deliberation and all due speed, but we did not rush as the Athletics Department was in good hands," Dana says. Upon conclusion of his term as interim AD, Settele will return to his position as executive director of UMaine's School of Policy and International Affairs. Contact: Tyson McHatten, 207.581.3596; 207.992.7746

Smoke testing of campus sewer lines Aug. 21–22

20 Aug 2018

A smoke test of the sanitary sewer system in select areas of the campus will be conducted Tuesday–Wednesday, Aug. 21–22. This smoke test is a common process that will allow Facilities Management (FM) to locate breaks and defects by blowing smoke through portions of the sewer system. The odorless white to gray smoke is safe when used as directed and creates no fire hazard. A Safety Data Sheet for the smoke product is available upon request from Josh Young, FM maintenance manager, 581.2639. FM staff will be present in and around campus buildings during the smoke testing. Members of the UMaine community may observe the white to gray smoke coming from the vent stacks on buildings or from manholes in the ground; this is normal and expected for smoke release. If any smoke is seen in a building at any time, immediately call 911, pull the fire alarm and evacuate. For more information, call FM Work Control, 581.4400.

Libby quoted in Press Herald article on planting trees to cut energy consumption

20 Aug 2018

The [Portland Press Herald](#) quoted Brad Libby, a horticulturist and superintendent of the Roger Clapp Greenhouses at the University of Maine, in an article about planting trees to reduce household energy consumption. Well-positioned trees can cut household energy consumption by 25 percent, including both cooling and heating costs, the article states. During winter, a tree's bare branches allow sunlight to filter through and warm the house, while in summer the foliage prevents some of the heat and light from reaching it, contributing to keeping the house cool. Trees also release water vapor from their leaves, helping to cool the air, and protect the ground underneath to minimize erosion and help soil absorb and retain rainwater around their roots, according to the Press Herald. Libby recommends beginning with a soil test when deciding where to plant trees for maximum benefits and which species to plant. Other factors to consider are the tree's expected mature size, the microclimate and how that will shift based on climate change. In the face of climate change, the "key defense is diversity," Libby said. He also cautions against planting fast-growing species, because "the best trees are worth waiting for."

UMaine on Money's 'Best Colleges for Your Money' list, Boston.com reports

20 Aug 2018

[Boston.com](#) reports the University of Maine is on Money magazine's 2018 list of 727 Best Colleges for Your Money in America. UMaine is ranked No. 376 on the list that is determined through an analysis of tuition costs, family borrowing, support of low-income students and alumni earnings, among other factors.

Media quote Bayer in Knott obituaries

20 Aug 2018

The Associated Press, the [Portland Press Herald](#), the [Ellsworth American](#) and the [Worcester Business Journal](#) quoted Bob Bayer, the executive director of the University of Maine Lobster Institute, in an obituary for James Knott, the inventor of wire mesh used in lobster traps. Knott, a Massachusetts native and the founder of Riverdale Mills Corporation, passed away Aug. 16 at age 88. In 1980 he invented Aquamesh, which is now used in 85 percent of North American lobster traps. "Jim Knott was a well-respected visionary and an ardent supporter of the lobster industry," said Bayer. "His impact cannot be understated. The technical changes he introduced to lobster fishing in Maine and throughout North America were profoundly significant. He singlehandedly changed and bettered the way of life for so many people." In 2006, Knott was awarded an honorary doctorate degree from UMaine for his "commitment to the future of the lobster industry, innovative spirit, perseverance and positive leadership, willingness to share his knowledge and ideas and his outstanding support of UMaine's Lobster Institute," the Press Herald reports. The [Bangor Daily News](#), [The Washington Post](#), [WABI](#) (Channel 5), [WMTW](#) (Channel 8 in Portland), the Worcester [Telegram](#) and the Boston Herald carried the AP article, and the [Kennebec Journal and Morning Sentinel](#) carried the Press Herald article.

Press Herald, BDN interview President Ferrini-Mundy

20 Aug 2018

The [Portland Press Herald](#) and the [Bangor Daily News](#) interviewed new University of Maine President Joan Ferrini-Mundy about her first weeks on the job and how she is bringing prior experience to her current position to ensure future success for UMaine and the members of its community. Ferrini-Mundy has been given the task of developing new ways to meet Maine's growing workforce needs, especially in engineering and computer science, the Press Herald reports. "Today's world is calling on people to be able to work across some of the traditional boundaries," Ferrini-Mundy said. She sees a connection to her experience developing new ways to teach science and math. Ferrini-Mundy was most recently the chief operating officer for the National Science Foundation, where she led a division that researched and developed STEM curricula for all ages. She also has worked in academic and leadership positions at Michigan State University and the University of New Hampshire. "One of the great things that attracted me to Joan's candidacy was her decades of experience in math education ... on how to reform and refine teaching processes to make them more effective. I think it's an area that no higher education institution can ignore," said University of Maine System Chancellor James Page. Ferrini-Mundy has held the position of president for less than two months, so she's focusing on learning as much as possible. "My leadership style is by a lot of communication, a lot of listening and a lot of collaborating. It's how you get to a place where you are then able to take a bit of a risk to move toward something," she said. "I want to be sure we're not afraid of boldness." And she has spent time getting

to know UMaine's fundraising projects and research facilities. "Our strength is our very, very good integration of research and education here. We can see leading scientists and scholars across all fields in their labs and their studios and their work engaging students very closely and giving them the opportunity to learn about those fields," Ferrini-Mundy told the Press Herald. "A lot of what I'll be doing is learning where people are most proud of their work, where we already have strengths, how we want to keep growing and learning from those. You want people to be able to imagine anything is possible," she told the BDN. One of Ferrini-Mundy's planned initiatives is continuing to make higher education more widely available, beginning by strengthening partnerships with K-12 schools in Maine, according to the BDN. "It just seems like a natural, systemic way of making sure we're all working in complementary directions," Ferrini-Mundy said. Her nonstandard journey to the position "shows she's always pursuing the path she believes would allow her to have the maximum impact on the problems, challenges and opportunities that were of interest to her," said Page. "I am as excited as our football team would be if Tom Brady came to play for the Black Bears," said Habib Dagher, the executive director of the UMaine Advanced Structures and Composites Center. "You can imagine how exciting it is for engineers and scientists to be working with President Ferrini-Mundy, and the increased impact we can have on research, education and jobs in our state."

Volunteers sought for 2018 Maine Hello

21 Aug 2018

The University of Maine's First Year Experience is recruiting volunteers to welcome UMaine's Class of 2022 during Maine Hello on Friday, Aug. 31. 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.—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. 29. Groups and organizations also are encouraged to sign up and work together. Volunteer registration is [online](#). More information about Maine Hello is available [online](#) or by calling 581.1420.

Morning Ag Clips previews Northern Maine Rural Living Day Sept. 8

21 Aug 2018

[Morning Ag Clips](#) previewed the University of Maine Cooperative Extension's fourth annual Northern Maine Rural Living Day, 9 a.m.—3 p.m. Sept. 8 at Millar Civic Center and Fairgrounds, 94 Randall Ave., Houlton. Cooperative Extension sponsors the event with Farm Credit East. Workshops, demonstrations by rural crafters, livestock displays and youth activities are scheduled throughout the day, Morning Ag Clips reports. Preregistration is recommended. More information is available [online](#) or by contacting Linda Trickey, 532.6548; linda.trickey@maine.edu.

Mainebiz advances Maine Farm Days Aug. 22, 23

21 Aug 2018

[Mainebiz](#) advanced Maine Farm Days, a two-day agricultural fair at Misty Meadows Farm in Clinton from 9 a.m.—4 p.m. Aug. 22 and 23. University of Maine Cooperative Extension in Kennebec County co-sponsors the event, and will offer eight pesticide workshops to provide pesticide recertification credits for working farmers, according to Mainebiz. The event includes exhibits for both farmers and non-farmers to focus on the basics of agriculture rather than rides and other entertainment. The free event typically draws 2,000 to 3,000 people who come to see local commercial farming in action, and offers educational speakers, equipment dealers, vegetable exhibits, baking contests and more. The 1,200-animal farm will operate normally during Maine Farm Days. There are also kid-friendly activities like a milking contest, corn maze and kids' pedal tractor pull, as well as opportunities to meet the animals, the article states. The event is both beneficial to farmers, and an opportunity for the public to learn about agriculture, Mainebiz reports.

Agrrawal's research published in Managerial Finance

21 Aug 2018

Pankaj Agrrawal, an associate professor of finance at the University of Maine, was a co-author on the paper "[Is the 'sell in May and go away' adage the result of an election-year effect?](#)" published in Managerial Finance, 44 (9): May 2018. The paper shows there is a certain repetition of the effect of summer doldrums every two years, when investors avoid building positions before the November elections. This new research includes the effects of gubernatorial midterm elections.

Retirement open house for Donna Guerrette Aug. 23

22 Aug 2018

Members of the University of Maine community are invited to join Facilities at a retirement open house for Donna Guerrette to celebrate her 37 years of service to the University of Maine System. The event will be held in Service Building A, Facilities Conference Room 109 from 11:30 a.m.—1 p.m. Aug. 23. Light refreshments will be served.

Ellsworth American reports Beal included in new book about seaweed

22 Aug 2018

The [Ellsworth American](#) reported Brian Beal, a professor of marine ecology at the University of Maine at Machias, was included in a new book about seaweed. "Seaweed Chronicles: A World at the Water's Edge," written by Susan Hand Shetterly, covers many aspects of the topic from the growth cycle of seaweed and its place in the environment to its role in the economy and the stories of those who harvest it. Beal's story tells of his studies on how to better grow wild, harvestable inshore species of seaweed, the article states.

Levesque accompanies students to Thailand, University of Arkansas reports

22 Aug 2018

[University of Arkansas](#) news release reports Danielle Levesque, an assistant professor of mammalogy and mammalian health at the University of Maine, accompanied a group of 10 undergraduate students from six universities to Thailand. The group participated in a 10-week research experience, funded by grants from the National Science Foundation, with students from Mahasarakham University and Chiang Mai University in Thailand, as well as a University of Arkansas professor and four Thai university instructors. The purpose of the trip was to engage U.S. and Thai faculty scientists in student training and research that will lead to long-term collaborations, and provide undergraduates with meaningful international research experience, the release states.

Maine Public quotes Greenlaw in ‘Maine Things Considered’ report on sweetgrass

23 Aug 2018

[Maine Public](#) quoted Suzanne Greenlaw, a doctoral student in the University of Maine School of Forest Resources, in a “Maine Things Considered” report on sweetgrass research in Acadia National Park. Wabanaki tribes had unlimited access to all of Maine’s natural resources before the arrival of European settlers. Now the Wabanaki and other nations are working toward harvest rights within protected areas, like Acadia, where there is sweetgrass growing in the protected marshland. Sweetgrass is important for ceremonies and basket making. A group of researchers is harvesting sweetgrass, measuring and recording each harvest plot and counting every strand of the grass. If the project successfully proves the harvest methods to be sustainable, it could serve as a national model and lead to harvest rights for the Wabanaki tribe and others down the road, the report states. Greenlaw, a member of the Maliseet tribe, is one of the lead scientists on the research team. She helps make sure that federally required conventional science accurately reflects the actions of the harvesters, Maine Public reports. “So indigenous knowledge is collective knowledge, sort of an action-oriented knowledge, where it’s in the process of doing it, does this knowledge get understood? And the language people use to teach is not a scientific language — that doesn’t mean it’s not science,” said Greenlaw. “There are different ways to know things.” The [Bangor Daily News](#) carried the Maine Public report.

Fitzgerald leads weed workshop at Maine Farm Days, Kennebec Journal and Morning Sentinel reports

23 Aug 2018

The [Kennebec Journal and Morning Sentinel](#) reports Caragh Fitzgerald, an associate extension professor of agriculture with the University of Maine Cooperative Extension, led a workshop on identifying weeds Aug. 22 at Maine Farm Days in Clinton. “You’ll manage weeds differently depending on what they are and how they grow,” said Fitzgerald. “You’ll need to know, does it live for a single year? Does it live for multiple years? Does it grow low to the ground?” Many features can be used to identify weeds, including the number of petals, form of the flowers, whether the plant grows vertically or horizontally, how the roots grow, the characteristics of the stem, and the size, shape and texture of the leaves, the article states. Visitors at Maine Farm Days who participated in the workshop were asked to identify more than 20 types of weeds based on these characteristics. This information can help farmers and gardeners decide how to approach weed management, with solutions including planting a cover crop, mowing or using herbicides. “Anybody who is trying to manage weeds, or any plants in their landscape, will benefit from knowing exactly what it is they’re working with. In the case of weeds, we want to discourage them from growing, so we want to know what conditions they don’t like. In the case of landscape plants, we want to encourage them to grow, so we want to set up the environment to be positive for them,” Fitzgerald said. Maine Farm Days is held annually at Misty Meadows Farm, typically drawing about 3,000 people over two days and focusing on education as well as serving as an agricultural trade show, according to the article.

The Free Press quotes Yarborough in report on economics of blueberries

23 Aug 2018

[The Free Press](#) quoted David Yarborough, a wild blueberry specialist with the University of Maine Cooperative Extension, in a report on blueberries in the U.S. economy. While Chinese tariffs are impacting some agricultural markets, 75 percent of blueberries produced in the United States are sold domestically, according to the article. Last, year, 2 million pounds of wild blueberries were sold to China. This year, only 75,000 pounds have been sold so far. But local growers are not affected because they sell the berries to producers, who then move them farther along in the market. Last year’s price for wild blueberries also was 37 percent less than in 2016 and the lowest since 1985, which Yarborough attributed to a surplus from previous crops still present in the market. Weather conditions have led some in the industry to predict a lower harvest this year, but the crop size and price will not be available until the USDA’s National Agricultural Statistics Service publishes a report in June 2019. “Until then it is all speculation,” said Yarborough.

New study finds zoning ineffective for deer winter habitat conservation

23 Aug 2018

Protection of only narrowly defined zones of winter habitat is not an effective means of regional habitat conservation for white-tailed deer, according to a new University of Maine [study](#). The study found that zoning is not an effective wildlife conservation strategy if land use is unregulated for the surrounding landscape, and that habitat protection confined to those narrow Zoning Wildlife Protection Subdistricts (P-FWs) has been ineffective. The study, “Ineffectiveness of local zoning to reduce regional loss and fragmentation of wintering habitat for white-tailed deer,” was led by Erin Simons-Legaard, a UMaine research assistant professor of forest landscape modeling, and published in the journal *Forest Ecology and Management*. When winter conditions restrict mobility and access to preferred forage for white-tailed deer, they require wintering habitat. Deer often choose wintering areas based on the characteristics of the surrounding forest, so the researchers studied the spatial arrangement of forest stands around P-FWs. The goals of the research were “to demonstrate how knowledge of wildlife-habitat relationships may be coupled with remote sensing to monitor the effectiveness of laws and regulations to conserve wildlife habitat on privately owned and commercially managed lands and, more specifically, to evaluate the effectiveness of Maine’s land use regulations to conserve mature conifer forest as habitat for deer,” according to the scientists. Using forest harvest maps that document landscape change between 1975 and 2007, the researchers evaluated the effects of timber harvesting on mature forest in the study area, which included about 36 percent of deer wintering areas zoned by the state of Maine in unorganized townships. The areas protected for deer wintering make up 2 percent of the forested land in the study area. The researchers found that zoning was effective at protecting winter habitat within zoned areas, but that “the zoning protections, which have exclusively targeted core use areas, have contributed little to reducing fragmentation or maintaining habitat connectivity region-wide in northern Maine.” In larger landscapes adjacent to P-FWs, effects of harvesting on the size and connectivity of mature conifer patches and shifts in forest composition were substantial, and accelerated the rates of habitat fragmentation and reduced the future habitat potential of the protected areas. Less than 1 percent of the mature

conifer forest in the study area occurred in patches considered large enough to support deer through future winters. The team identified loss of mature conifer forest as a major limiting factor on efforts to increase the numbers of deer in northern, western and eastern Maine. “Our results suggest that northern Maine is losing the potential for future replacement of viable areas for wintering deer,” the researchers say. The substantial rates of loss and fragmentation documented show that “habitat conservation strategies that rely on reserves and ignore land use effects on the intervening lands may not be effective.” The study emphasized that monitoring is needed to understand the long-term benefits of zoning in wildlife habitat conservation, and that remote sensing can be a way to overcome the difficulty of monitoring protected forest areas. Other members of the UMaine research team were Dan Harrison, a professor of wildlife ecology, and Kasey Legaard, a research scientist in the School of Forest Resources. All three are affiliated with the Cooperative Forestry Research Unit (CFRU) at UMaine. The research was funded by CFRU and the Northern States Research Cooperative. Contact: Cleo Barker, 207.581.3729

UMaine a partner in badge system initiative, Chronicle reports

24 Aug 2018

The Chronicle of Higher Education reported the University of Maine is a partner for an initiative to test the use of badges to highlight the skills of graduates that will make them stand out to employers. The project, led by the Education Design Lab, pairs each of six colleges with a local employer interested in considering badges when hiring recent graduates. UMaine is one of the institutions working to test if students who earn and display badges reflecting soft skills, like communication and critical thinking, have more interviews or are hired more quickly. The goal of the initiative is to involve employers in the process to familiarize them with the system, according to the article.

Ettenger recent guest on Maine Public’s ‘Maine Calling’

24 Aug 2018

Kreg Ettenger, an associate professor of anthropology and the director of the Maine Folklife Center at the University of Maine, was a recent guest on [Maine Public](#)’s “Maine Calling” radio show. The show focused on the latest news in the world of folk music in advance of the annual American Folk Festival in Bangor.

The County reports Extension to host fumigation session Aug. 29

24 Aug 2018

[The County](#) reported the University of Maine Cooperative Extension will host a Potato Fumigation Field Day at the University of Maine at Presque Isle’s potato fields at 10 a.m. Aug. 29. Members of the public are invited to attend the free event, which will be followed by lunch and an open discussion. Jay Hao, an associate professor of plant pathology at UMaine, will give a presentation on the present and future of Vapam research trials. Andrei Alyokhin, a professor of applied entomology at UMaine, was one of the event’s organizers, The County reports.

Schwartz-Mette recent guest on Maine Public’s ‘Maine Calling’

24 Aug 2018

Rebecca Schwartz-Mette, an assistant professor of clinical psychology and the director of the Peer Relations Lab at the University of Maine, was a recent guest on [Maine Public](#)’s “Maine Calling” radio show. The show’s topic was how men make and maintain friendships, including the role of communication and how societal pressure to prioritize work and family has led to loneliness and depression.

Maine Magazine features Fogler on A-List of Maine libraries

24 Aug 2018

[Maine Magazine](#) featured the University of Maine’s Raymond H. Fogler Library on its A-List of Maine libraries to visit this fall. Fogler is open to the public as well as to UMaine students and faculty, and “has no shortage of material to get lost in” with a collection of more than 3 million books and print documents, the article states.

King’s research finds new genetic regulators for regeneration, media report

24 Aug 2018

[ScienceDaily](#), [EurekAlert](#) and [Medical Xpress](#) published a news release from the MDI Biological Laboratory about new research on regeneration by scientists at the laboratory and the University of Maine. Benjamin King, an assistant professor of bioinformatics at UMaine and co-lead researcher, identified genetic material previously thought to be useless as having a role in regulating the genetic circuits responsible for regeneration in highly regenerative animals, the release states. The research team found the genetic material — long noncoding RNAs — by studying genomic data in their RegenDbase, or Comparative Models of Regeneration Database, a resource created to compare and contrast gene regulatory pathways within and across tissues and research models. This research will inform the question of why humans cannot regenerate tissues and organs despite having dormant pathways for regeneration, and could lead to the development of a drug to activate these pathways, according to the release. [WVII](#) (Channel 7) also reported on the research findings.

First-of-its-kind learning platform could give students who are blind or visually impaired access to STEM-related graphics

27 Aug 2018

Development and evaluation of a first-of-its-kind remote learning platform providing people who are blind or visually impaired (BVI) nonvisual access to STEM-related graphical information is the focus of a \$748,000 National Science Foundation grant to the University of Maine. The project, “A Remote Multimodal Learning Environment to Increase Graphical Information Access for Blind and Visually Impaired Students,” is led by Nicholas Giudice, UMaine professor of spatial informatics who directs the Virtual Environment and Multimodal Interaction (VEMI) Laboratory. The research team also includes Justin

Dimmel, UMaine assistant professor of mathematics education and instructional technology, and Stacy Doore, visiting assistant professor of computer science at Bowdoin College. The system uses combinations of nonvisual inputs, such as vibration, speech and auditory information, that allow BVI users to feel and hear the visual content of graphics as they move their hand around the touchscreen of smartphones and tablets. With graphical educational materials at the core of all STEM disciplines, this information access is critical for improving BVI students' classroom outcomes. The project will conduct one of the largest experiments ever performed on graphical access with BVI participants, with results leading to the development of a robust and economically viable solution for the BVI community. The research directly addresses the nationwide lack of accessible STEM resources, with project outcomes having significant potential for improving both educational opportunities and workforce training for many BVI individuals, Giudice says. Broader impacts of the information-access technology developed in this project could also benefit older adults experiencing vision loss or sighted people in "eyes-free" applications, such as operating car infotainment systems when driving. This newest award is the latest in six years of research by Giudice and the VEMI Lab focused on using commercial smartphones and tablets to provide BVI people with nonvisual and multimodal access to visual graphics. The work has been supported by two other NSF grants and has been published in over 30 papers and conference presentations. The research has led to the development of a new class of information access technology that has gained significant national attention and has potential for solving the long-standing graphics access problem for people with visual impairment. By creating an accessible remote learning platform that can work on a BVI user's personal smartdevice, this most recent project takes the research outside of the lab and directly to the people who can most benefit from its application. Contact: Margaret Nagle, 207.581.3745

UMaine Police Department offering reward for information

27 Aug 2018

The Division of Student Life and the UMaine Police Department are offering a \$1,000 reward for information leading to the arrest and conviction of the person(s) involved in the vandalism of King Plaza on campus between Aug. 25–26. The vandalism involved derogatory words spray painted in the plaza area. Contact Detective Keith Mercier, 207.581.4072; keith.mercier@maine.edu with information. Anonymous tips can be left via [Campus Eyes](#). Note that information is always appreciated, but being anonymous makes it difficult to give you a reward.

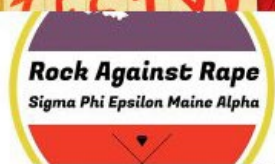
Washington Monthly College Rankings cite UMaine, UMM

27 Aug 2018

The University of Maine is ranked No. 43 in the Student Voting category of the 2018 Washington Monthly College Rankings out this week. For the first time in its college rankings, Washington Monthly used four measures of a college's commitment to encouraging voting by its students, all focused on the institution's active participation in Tufts University's National Study of Learning, Voting, and Engagement, and the ALL IN Campus Democracy Challenge. UMaine largely has been involved in both since the start of NSLVE and ALL IN. UMaine was recognized by ALL IN for having a 2016 student voting rate between 50 and 59 percent — one of 115 campuses recognized for their efforts in a 2017 ceremony. Fifty-eight out of 1,488 colleges and universities included in Washington Monthly's overall rankings received top scores of four. "More than three-quarters of the 58 top schools are public universities, even though private nonprofit schools make up the bulk of the rankings overall," says Washington Monthly. "That's a clear sign that these colleges are more in tune with their democratic missions." UMaine also has students, staff and faculty who work on voter registration, voter education and voter engagement through the UMaine UVote program. The program promotes voter registration, educates students on ballot issues and encourages students to vote. The polling location for Orono has been moved to a central campus location, where students who are residents of the town can vote on election day. This program and a faculty civic engagement group work together to encourage students to get educated and get involved. In another Washington Monthly College Ranking, UMaine was listed among the top national universities. The University of Maine at Machias was ranked among the top liberal arts colleges.

Sigma Phi Epsilon to hold annual Rock Against Rape concert Sept. 1

27 Aug 2018



Sigma Phi Epsilon will hold its annual Rock Against Rape concert from 7:30–9:30 Sept. 1 on the Stewart Commons in front of the Innovative Media Research and Commercialization Center. The concert raises awareness for sexual assault and rape on college campuses. The Mallett Brothers Band will play as the headliner, with Zesty as the opener. There will be free food, lawn games and a dunk tank.

Morning Ag Clips, Piscataquis Observer advance Extension poultry workshop

27 Aug 2018

[Morning Ag Clips](#) and [The Piscataquis Observer](#) advanced a poultry workshop held by the University of Maine Cooperative Extension in Piscataquis County Sept. 20. The workshop is for prospective and beginning small-scale meat and egg producers, covering topics from poultry breeds and year-round housing to

nutrition and lighting options. Led by Donna Coffin, an Extension educator, and Colt Knight, an assistant Extension professor and livestock specialist, the free workshop will be held from 9:30 a.m.–noon and again from 6–8:30 p.m. at the UMaine Extension office at 165 East Main St. in Dover-Foxcroft. Preregistration is required. For more information, call 564.3301 or contact extension.piscataquis@maine.edu.

Phys.org publishes release on deer wintering study

27 Aug 2018

[Phys.org](#) published a University of Maine news release about a study on the ineffectiveness of zoning as a means of regional habitat conservation for white-tailed deer. The study was led by Erin Simons-Legaard, a research assistant professor of forest landscape modeling at UMaine. Deer often choose wintering habitat based on the characteristics of the surrounding forest, so the researchers studied the spatial arrangement of forest stands around protected areas, according to the release. The study found that winter habitat was protected within the zoned areas, but that zoning does not reduce fragmentation or help maintain habitat connectivity in Maine overall. The researchers said that “Maine is losing the potential for future replacement of viable areas for wintering deer,” and that monitoring would help further understanding of the long-term benefits of zoning in wildlife habitat conservation. A [Bangor Daily News](#) blog also incorporated the release into a post.

The County previews Northern Maine Rural Living Day Sept. 8

27 Aug 2018

[The County](#) previewed the fourth annual Northern Maine Rural Living Day from 9 a.m.–3 p.m. Sept. 8 at the Houlton Civic Center and Fairgrounds at 94 Randall Ave. in Houlton. The University of Maine Cooperative Extension co-sponsors the event, which will include workshops on topics from managing apple trees and growing cranberries to plantings for native bees. There also will be demonstrations, livestock displays and youth activities, The County reports. Admission is \$10 per person (\$15 at event) or \$20 per family. Preregistration is recommended. More information is available [online](#), or by contacting Linda Trickey, 532.6548 or linda.trickey@maine.edu.

WABI, WVII report on Aging Initiative Summer Workshop Aug. 24

27 Aug 2018

[WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported on the fourth annual University of Maine Aging Initiative Summer Workshop Aug. 24 in Belfast. “Now at the system level all seven campuses are collaborating to work on this challenge that the state is facing around aging,” University of Maine System Associate Vice Chancellor for Academic Innovation and Partnerships Carol Kim told WABI. “We are doing what the public university system should be doing by trying to meet the needs of the state.” More than 100 people attended the workshop, which focused on ways to address the needs of Maine’s older generation and keep them in the state, WABI reports. “Particularly exciting is today we brought together not only academics from all seven campuses who are doing research on aging initiative projects, but we brought together community professionals and so we have an awesome mix of both the community and academics coming together and talking about what it means to be in an aging Maine,” said Lenard Kaye, a professor of social work and the director of the University of Maine’s Center on Aging. Kaye said that some UMaine faculty members have created adaptive technology for aging individuals with mobility limitations. “Not only can we help Mainers, but from the technologies that we’re developing companies are springing up, and the aging initiative can be an economic driver for the state as well,” Kim told WVII.

Morning Ag Clips previews Field Day at Rogers Farm Sept. 8

27 Aug 2018

[Morning Ag Clips](#) previewed the University of Maine Cooperative Extension’s Field Day from 10 a.m.—1 p.m. Sept. 8 at Rogers Farm Demonstration Garden, 914 Bennoch Road in Old Town. The Field Day will include workshops, demonstrations, homemade food and children’s activities. “We’d like to extend a special invitation to all past and current Master Gardeners to join the fun this year,” said Kate Garland, an Extension horticulturist. “Countless gardeners have participated in the Master Gardener program since Maine adopted the training in 1982. Our hope is to reconnect with past trainees to celebrate the tremendous impact these folks have had in their communities over the years.” The event is free and open to the public. For more information, contact Kate Garland, 942.7396 or katherine.garland@maine.edu.

BDN interviews UMaine researchers about maple syrup, honey producer study

27 Aug 2018

The [Bangor Daily News](#) interviewed researchers from the University of Maine about their ongoing study on the challenges and opportunities for maple syrup and honey producers. The study, “Finding the Sweet Spot: Scales, Challenges and Opportunities for Beekeeping and Maple Syrup Production in Maine,” is a collaboration between UMaine and College of the Atlantic, and is funded by part of a three-year \$1 million grant awarded to UMaine for sustainable agriculture research. UMaine members of the research team include Jessica Leahy, a professor of human dimensions of natural resources, Julia McGuire, a lecturer of biology, Melissa Ladenheim, the associate dean of the Honors College, and Sara Velardi, a post-doctoral researcher. The research team is conducting personal interviews with small- and medium-size producers of the products to gather information about their current operations, plans to expand or downsize, specific challenges to expanding and factors that could facilitate these decisions, the article states. “We are also interested in learning about their practices and how they got into [beekeeping or maple syrup production] in the first place. This is the kind of information we hope can be turned into models of mentorship or recruitment strategies to build the industries,” said Velardi. “We have these students who are working on projects that relate to sustainable foods as part of their thesis work. They are listening to the producers’ needs and working to come up with projects that will help them,” said Leahy. “We are excited about real research that benefits real people.” The team has interviewed 10 producers so far, and hopes to continue the process and wrap it up by October, according to the article. “We are really focusing on those scales of production management. We also want to talk to producers about their interest in expanding value-added production and what influences those kinds of decisions,” said Velardi. She also noted the importance of beekeepers sharing knowledge between each other, with potential for developing outreach materials that can be distributed to producers to inform management decisions. Velardi said there has been a positive response from producers and that they are excited about the research. “That should really be no surprise,” she said. “For both

bees and maple syrup, it's something that makes people really happy and that is why they get into it." Those interested in participating in the study can contact Velardi, 583.0181 or sara.velardi@maine.edu.

Maine Hello parking, road closure information

28 Aug 2018

During Maine Hello, 8 a.m.–4 p.m. Friday, Aug. 31, about 2,500 new students will arrive on campus to move into their residence halls for the academic year. High levels of traffic are expected on campus and through downtown Orono and Old Town. To accommodate the event, several parking lots and roads will be closed Aug. 29–31. The following parking areas will be closed Wednesday, Aug. 29 through Friday, Aug. 31:

- Hilltop Lot
- Knox Hall Lot
- Somerset Hall Lot

The following parking areas will be closed Thursday, Aug. 30 and Friday, Aug. 31:

- Tennis Court Lot
- Jenness Lot North and South
- Gannett/Cutler Lot
- York Lot behind York Hall
- Deering Lot (partially closed)
- Stewart Quad parking areas
- Stewart Commons Lot (closed Aug. 31 only)

The following parking areas will have limited access:

- Emera Astronomy Center Lot, reserved for Hilltop employees only, Aug. 29–31
- New Balance Recreation Center Lot, open only to Rec Center patrons, Maine Hello volunteers, and Hilltop employees who need handicap parking, Aug. 30–31
- Belgrade Lot and Collins Center for the Arts Lot, reserved for Maine Hello vehicles only, Aug. 31

Road closures and traffic pattern changes:

- Long Road between Androscoggin Road and Knox Lot, closed both ways Aug. 31
- Flagstaff Road from Long Road, one-way flow southbound across Flagstaff Road Aug. 31
- Belgrade Road from Rangeley Road, one-way flow westbound across Belgrade Road Aug. 31
- Square Road in front of York Hall and York Lot, one-way flow westbound Aug. 31
- Munson Road from Long Road, one-way flow southbound Aug. 28–31
- Gym Road, one-way westbound Aug. 28–31

For more information, call Parking Services at 581.4047.

Northern Maine Rural Living Day Sept. 8

28 Aug 2018

The fourth annual Northern Maine Rural Living Day is Sept. 8, from 9 a.m. to 3 p.m., at Houlton Civic Center and Fairgrounds, 94 Randall Ave., Houlton. University of Maine Cooperative Extension, with support from Farm Credit East, sponsors the event. Workshop topics include managing organic and conventional apple trees, growing cranberries, home brewing, plantings for native bees and invasive forest pests including the emerald ash borer. Demonstrations by rural crafters, livestock displays and youth activities are scheduled throughout the day. The fee is \$10 per person (\$15 at event), \$20 per family; a lunch using local foods will be available for \$10. Preregistration is recommended; register online. For more information or to request a reasonable accommodation, contact Linda Trickey, 207.532.6548; linda.trickey@maine.edu. More information also is [online](#).

Hazing study cited in CNN article

28 Aug 2018

[CNN](#) cited a 2008 University of Maine study on hazing in the article, "College students pledge Greek life knowing they'll be hazed. Here's why." The study, conducted by researchers Elizabeth Allan and Mary Madden, is the most recent research on the topic, according to CNN. It found that 73 percent of students in fraternities and sororities experienced some form of hazing at least once, the article states.

Mount Desert Islander references UMaine's role in Bar Harbor Task Force on Aging

28 Aug 2018

A [Mount Desert Islander](#) article about Bar Harbor's Task Force on Aging mentioned the role of the University of Maine's Center on Aging. The article cited a 2018 report published by the center saying that the task force was created to "provide services and advocacy that enable older residents of Bar Harbor to live in the community for as long as possible." The center helped the task force conduct a survey of registered voters in Bar Harbor aged 50 and older to identify key issues important to the town's aging population and ways to improve certain areas to help them age in place — 93 percent of those surveyed wanted to remain in Bar Harbor as they age, according to the article. The task force will become a standing committee to work toward addressing the issues, the article states.

Kennebec Journal quotes Brewer in article on town administrative challenges

28 Aug 2018

The [Kennebec Journal](#) quoted Mark Brewer, a professor of political science at the University of Maine, in an article highlighting Dresden's town office as an example of more time and training being needed for those in administrative positions. This suggestion comes after issues raised at a Dresden Selectboard meeting, when members noted that residents had been complaining about services provided and workers had said they needed more training and time to learn the job. The article also raised the question of whether it would be better to elect administrative workers or hire them. Brewer said a possible solution could be merging local governments to reduce total cost and increase efficiency. "The academic literature, with the idea of consolidation, sounds great in theory. That's certainly less viable in some areas of Maine because of the distances between towns," said Brewer. And he thinks the largest obstacle to having a full-time town clerk, either elected or hired, would be convincing taxpayers the convenience is worth the cost. "People will ask if that's an appropriate use of our resources," Brewer said. "It's a matter of individual viewpoint. That's the point of debate and dialogue."

UMaine researchers awarded \$152K NOAA grant to study impacts of climate change on coastal tourism

28 Aug 2018

Climate change in coastal tourism destinations in Maine is the focus of a University of Maine study funded by a \$152,562 grant from NOAA. The study is led by Sandra De Urioste-Stone, an assistant professor of nature-based tourism in UMaine's School of Forest Resources and Center for Research on Sustainable Forests, in collaboration with UMaine colleagues Lydia Horne, a Ph.D. student in ecology and environmental sciences, and Parinaz Rahimzadeh-Bajgirani, an assistant professor of remote sensing of natural resources in the School of Forest Resources. The research team is conducting a study on the adaptive capacity of coastal tourism destinations to respond to climate change through an improved understanding of climate change risk, and increased collaborative action to respond to change. [caption id="attachment_62548" align="aligncenter" width="750"]



Undergraduate students work in the field on Maine's coast. [caption] A large part of Maine's economy depends on tourism, so understanding the impacts of climate change on nature-based tourism is crucial, says De Urioste-Stone. "Fostering Coastal Community Resilience in Maine: Understanding Climate Change Risks and Behavior" is a three-phase comparative case study involving three important coastal tourism destinations in Maine: Camden, Mount Desert Island and Machias. "Our research aims to enhance the ability of coastal tourism destination communities to cope with the negative effects of and capitalize on emerging opportunities that ecological and travel modifications resulting from climate change might bring using effective collaboration models," according to the researchers. Destination resilience, or the ability of a location to anticipate, respond and adapt to climate change, can be supported through building capacity to absorb the unpredictable impacts of climate change. "Misconceptions of risk can inhibit a community's capacity to adapt and its overall resilience," says De Urioste-Stone. Coastal, mountain and winter tourism destinations are especially vulnerable to climate change, which will impact tourism demand and seasonality, according to recent studies. One study found a strong association between climate change risk perceptions and changes in travel behavior, like destination selection, activities pursued and spending. Climate change risk perceptions can be an important predictor of shifts in visitation to tourism destinations, according to the researchers. Understanding these shifts is a way for planners and managers in tourism to adapt to the negative impacts of climate change on visitation, and help stakeholders adapt and take advantage of resulting opportunities. So far, researchers have interviewed 19 stakeholders and surveyed more than 300 visitors. "An improved understanding of how climate change will impact the coastal/marine tourism assets in the region, how these changes will impact the consumer base, and how to effectively develop adaptation strategies, becomes crucial to the resilience of these natural-resource dependent coastal communities," say the researchers. The research team plans to continue with the next phases of the study, and looks forward to facilitating participatory meetings with tourism stakeholders in the three study regions during the second year of the grant. Contact: Cleo Barker, 207.581.3729

10th Annual Pie in the Sky 5K and 1-mile Fun Run Sept. 8

29 Aug 2018

Members of the University of Maine community are invited to participate in Orono's 10th Annual Pie in the Sky 5K and 1-mile Fun Run on Saturday, Sept. 8. The Fun Run begins at 9 a.m., and the 5K begins at 9:45 a.m. Both races start behind the Orono Fire Department. Prizes will be awarded to first place finishers by age group, and for best costumes in the Fun Run. [Online registration](#) is now open, and participants also can register the day of the race. This event is eligible for RiseUp Campus/Community Event participation credit for UMaine employees.

Updated and expanded Cooperative Extension recipe page now available

29 Aug 2018

An updated and expanded [recipes](#) page is part of the University of Maine Cooperative Extension's Food & Health website. The page includes more than 100 new recipes sorted into easily searchable categories and available to the public. Each recipe has an updated format and a new FDA nutrition facts label. More information about the new label is [online](#). Photos also are being added to the recipes. All recipes have been tested, many feature Maine produce, and the recipes are easy to prepare and use readily available ingredients. Extension staff members Cindy Eves-Thomas and Mary Michaud and graduate students Kate Cutting and Sarah Perkins have contributed to the project.

WABI interviews Jones about Sen. McCain's 2010 unexpected Bangor airport visit

29 Aug 2018

[WABI](#) (Channel 5) interviewed Nory Jones, a professor of management information systems in the Maine Business School at the University of Maine, about Sen. John McCain's unexpected visit to the Bangor International Airport in 2010. Jones, who also is a volunteer Troop Greeter for the airport, told WABI about a night in November 2010 when she and Sen. Susan Collins were at the airport to greet troops and encountered Sen. McCain by chance. "A small plane carrying a bunch of Senators was on the way to Canada but they had some bad weather and they had to land in the Bangor airport. And just by chance they landed when in fact there were three flights of troops that were either deploying or coming home," said Jones. "[Sen. McCain] really enjoyed mingling with the Marines and talking to them, and he was just happy to have his picture taken with them, and it really was a great moment."

The Associated Press quotes Golet in article about bluefin tuna

29 Aug 2018

The Associated Press published an article and [video](#) about Atlantic bluefin tuna and a possible recovery for the species that included an interview with Walter Golet, a research assistant professor in the School of Marine Sciences at the University of Maine. The fish can weigh more than half a ton, and commercial fishermen can make a large profit on just one. But the species has been overfished in the past. The bluefin tuna is listed as endangered by the International Union for Conservation of Nature, and though the species appears to be recovering, its population today is still a small part of what it was 60 years ago, the article states. International regulators have decided that recovery is sufficient and more fishing can be allowed, and U.S. ocean managers have increased quotas by about 17 percent, according to The Post. A battle continues between fishing groups and environmental groups over the best course of action regarding the tuna. "There's probably no fish that's ever been more politicized than Atlantic bluefin tuna," Golet said. "People get a passion for this fish. And people are making a living off of this fish." [The Washington Post](#), [Portland Press Herald](#), San Francisco Chronicle, [Northwest Arkansas Democrat Gazette](#) and Southeast Missourian carried the AP article.

Mitchell to share stories at Acadia Night Sky Festival, Mount Desert Islander reports

29 Aug 2018

The [Mount Desert Islander](#) reports John Bear Mitchell, a lecturer of Wabanaki studies and multicultural studies and the Wabanaki Center Outreach and Student Development Coordinator at the University of Maine, will speak at the 10th annual Acadia Night Sky Festival. The festival, encompassing five days of events and activities in the Mount Desert Island area to celebrate the "age-old affinity for pondering the stars and planets and people's place in them," will take place Sept. 5–9 this year, the article states. Mitchell, a member of the Penobscot Nation, will share Maine Native stories about the night sky on a series of "Under the Stars" boat cruises offered by the Bar Harbor Whale Watch at 1 West St. in Bar Harbor from 7–9:30 p.m. Sept. 5–8. For more information and reservations, call 288.2386.

A successful summer for Maine Government Summer interns

30 Aug 2018

Maine Gov. Paul LePage recently congratulated the Maine Government Summer interns and their supervisors in a reception at the Blaine House. This year the Margaret Chase Smith Policy Center at the University of Maine placed 56 interns in Maine state and municipal governments for 12-week internships. Forty-two students from colleges and universities in Maine worked in state agencies located in Augusta and Portland, while 14 worked in municipalities statewide, from Portland to Saco to Rumford. Internships ranged from engineering to communications, finance, GIS and more. Each intern was hosted by an agency or municipality and worked on multiple projects with a direct supervisor. The hosts benefit from the skills, enthusiasm and fresh approach of the student interns, while the students benefit from the professional work experience and insight into the functions of state and municipal governments. Several of the 2018 interns have been featured in the news for their work:

- [Patrick Groening](#), UMaine student and intern in the Town of Union, was featured for his research on cemeteries.
- [Lindsey Moran](#), UMaine graduate and intern in the Maine Department of Labor, was featured for her work in communications.

See the Policy Center's [Facebook page](#) for more intern stories.

Press Herald quotes Bayer in article on PETA roadside tombstone proposal

30 Aug 2018

The [Portland Press Herald](#) quoted Bob Bayer, the executive director of the Lobster Institute at the University of Maine, in an article on the proposal by the group People for the Ethical Treatment of Animals (PETA) to install a roadside memorial for the lobsters that died in an Aug. 22 seafood truck rollover on Route 1 in Brunswick. It is estimated that more than 4,500 lobsters died as a result of the crash. The proposed memorial would be a tombstone with an image of a lobster and a memorial message including the words "Try Vegan." If approved, the memorial could be in place for up to 12 weeks, according to the Press Herald. Research suggests lobsters have nervous systems like those of insects and probably do not feel pain, Bayer said, though he acknowledged there is no definitive conclusion.

Extension to hold emergency listening session on farmhand shortage, media report

30 Aug 2018

The [Bangor Daily News](#) and Associated Press mentioned a University of Maine Cooperative Extension outreach effort in an article on a farm labor shortage causing some farmers to lose crops. Extension will partner with the Maine Organic Farmers and Gardeners Association to hold an emergency listening session Wednesday, Aug. 30 to hear from farmers about the impacts the current labor shortage is having on them, and what can be done to help, according to the article. [The County](#) published the BDN article, and the Plainview Daily Herald carried the AP report.

Media reference Flagship Match Program in articles on similar programs at other institutions

30 Aug 2018

[Forbes](#), [Inside Higher Ed](#), [Wall Street Journal](#) and [EAB](#) referenced the University of Maine's Flagship Match Program in articles on similar price matching programs recently implemented at other institutions. In 2019, Robert Morris University and Oglethorpe University will launch programs similar to the one at UMaine, which was implemented in 2015 to attract out-of-state students. Prospective UMaine students must have a minimum GPA of 3.0, an SAT score of 1120 or an ACT score of 22 to qualify for the program, which matches tuition at flagship schools in New Hampshire, Massachusetts, Connecticut, Vermont, New Jersey, Pennsylvania, Illinois, Rhode Island and California. Forbes quoted former UMaine President Susan Hunter telling the Boston Globe, "Enrollment in general is something we're acutely aware of, and we're working hard. All of this has become much more of a science because everyone is in this situation of competing for students. Every flagship campus is recruiting from their neighboring states." Forbes cited a Portland Press Herald statistic on enrollment — in 2016, the reported enrollment increase under the program was 22 percent. Out-of-state enrollment also increased by 12 percent in 2017, according to the Press Herald. Forbes also reported UMaine was featured in the Fiske Guide to Colleges 2019 as "a sleeper choice for out-of-staters" for the program. Another [Inside Higher Ed](#) article stated 305 students received full flagship match awards in the program's first year, 2016, 461 received awards in 2017, and 460 are projected to receive them in 2018.

WVII quotes Fernandez in report on citizens' hearing

30 Aug 2018

[WVII](#) (Channel 7) quoted Ivan Fernandez, a professor of soil science and forest resources and a cooperating professor in the Climate Change Institute at the University of Maine, in an report on a citizens' hearing about air quality. The hearing, "Maine Speaks on Climate and Cars," was held by the Natural Resources Council of Maine in the Bangor Public Library Tuesday, Aug. 28. The focus was on proposals to roll back limits on power plants and car pollution, the article states. Statements from those in attendance went on record for consideration by the Environmental Protection Agency. The group reached the consensus that rolling back emissions limits has no economic advantage, but does have environmental impacts, WVII reports. "There's no question that sea level is rising, there's no question we've had more storm events," said Fernandez. "We're in a day where we have high ozone because it's really hot and all of the emissions [...] are coming up the coast from the urban corridor."

Penobscot Bay Pilot, VillageSoup preview annual Knox-Lincoln Counties Extension Association meeting

30 Aug 2018

The [Penobscot Bay Pilot](#) and [VillageSoup](#) previewed the annual meeting of the Knox-Lincoln Counties Extension Association (KLCEA). The meeting will take place at the Erickson Fields Preserve, 164 West St. in Rockport, from 5–7 p.m. Wednesday, Sept. 12. The focus of the meeting will be the intersection of land conservation, sustainable agriculture and community education, the articles state. The meeting will begin with a tour of Erickson Fields led by the Teen Ag Crew, followed by refreshments and discussion. A regular KLCEA Business Meeting will follow from 7–7:30 p.m.; public comments are encouraged. For more information or to request a reasonable accommodation, contact Esperanza Stancioff, esp@maine.edu; 207.832.0343 or 800.244.2104.

WABI quotes Giudice in report on \$748K NSF grant for VEMI Lab

30 Aug 2018

[WABI](#) (Channel 5) reported the Virtual Environment and Multimodal Interaction Lab (VEMI Lab) at the University of Maine received a \$748,000 National Science Foundation grant, and quoted Nicholas Giudice, a professor of spatial informatics at UMaine and director of the VEMI Lab. The funding will support continuing development of a first-of-its-kind learning platform to give blind or visually impaired students access to STEM-related graphics, the report states. The platform is being developed as a smartphone app with the goal of being ready for commercial use within five years. "My ultimate hope is that students that are in classrooms as their peers are looking at cell diagrams or looking at graphs or looking at maps, they'll have their phone, they'll be served up immediately where the professor or the teacher has on the PowerPoint right to their phone, and they'll be learning it right as their peers are," Giudice told WABI.

Criminalization of Mental Illness Reader publishes Sporer's research

30 Aug 2018

Karyn Sporer, an assistant professor of sociology at the University of Maine, had a book chapter published in the [Criminalization of Mental Illness Reader](#) (K. Frailing and R. Slate, Eds., Carolina Academic Press, 2018, pp. 85–106). Her chapter is titled “Family Violence and Mental Illness.” The chapter’s focus is the experiences of families in getting mental health treatment for a loved one, and the potential for violence against caregivers by people with a mental illness.

Phelps named interim director of UMaine Extension

30 Aug 2018

Lisa Phelps, Maine’s statewide 4-H Program leader, will serve as interim director of University of Maine Cooperative Extension, effective Sept. 1. She succeeds longtime Extension director John Rebar, who is retiring Aug. 31. Phelps will serve as interim director until the conclusion of UMaine’s national search for a new dean of UMaine Extension, which has been underway since June. An update on the status of the search is online. Phelps also currently serves as the program administrator supporting the Maine Extension Homemaker Council, supporting and supervising faculty and staff in Androscoggin, Hancock, Kennebec, Penobscot, Piscataquis, Sagadahoc and Washington counties, the state 4-H Office, Maine 4-H Foundation and faculty and staff working in support of Human Development. She has offices in Orono and Lisbon. She earned a Ph.D. in college student personnel administration/educational leadership from University of Northern Colorado in 1999 and joined the UMaine Extension staff in 2001 after working at Colorado State University from 1988–2001. Rebar began working for UMaine Extension in 1984 and was named director in 2007.

UMaine, UTC digital badging to enhance education-to-workforce pathways

31 Aug 2018

This fall, the University of Maine and United Technologies Center (UTC) are collaborating on a digital badging initiative to enhance education-to-workforce pathways for Maine students. The partnership aims to increase college access and readiness through the development of a pipeline to postsecondary education. Digital badging, which recognizes students’ learning achievements and connects them to engagement opportunities, offers strategic and transparent pathways for increased student success. In the UMaine-UTC partnership, students will be supported as they transition from high school to higher education and from higher education into the workforce. The initiative is part of the statewide badging program called Maine State of Learning (MSOL). MSOL was established in 2015 by the creator of Open Badges, Erin Knight, and UMaine is a founding partner. MSOL badges will be aligned with the university’s [Engaged Black Bear](#) (EBB), established in 2015. Engaged Black Bear digital badges are at the cutting edge of workforce development, offering a new form of credential that recognizes learning not found on college transcripts. The initiative was established as part of the Provost’s Action Plan on Retention and Graduation. In earning badges, students develop employer-desired, career ready competencies as they progress through three levels within 18 different learning pathways. Evidence is embedded in the badges, hard-coding metadata to signify its value and authenticity to employers. These badges are then stacked into a culminating meta-badge along with an endorsed 21st-century skills checklist. Human resource managers and employers can view students’ badges and evidence (i.e., speeches, papers, presentations) on LinkedIn, to aid in the hiring process. UTC also has been involved in digital badging since 2015 as an early adopter in the Maine State of Learning’s Initiative, and will have a full badge constellation completed by the end of the 2018–19 academic year. Each badge will be linked to educational standards including the Maine Guiding Principles, content-relevant third-party independent assessments (e.g., National Business Education Association), and related higher education dual enrolled opportunities. A successful pilot was conducted in 2017 for UTC’s Business Leadership Program and its affiliated Innovation Lab. This flexible framework can be scaled for use at all 27 Career and Technical Education (CTE) Centers in Maine. Each badge subsystem will meet the targeted needs of both employers and institutions while fitting seamlessly into the larger MSOL ecosystem. UTC badges will be aligned with UMaine’s Maine State badges and offer student incentives. A University of Maine scholarship will be awarded to students who earn the highest level badge and enroll. Incentives are offered to guide students along their chosen path and aid them in becoming college and career ready. Examples of built-in incentives include, access to career workshops, networking opportunities, and internships as well as transitional support into the UMaine community. The long-term goal is to develop a collaborative, scalable Maine State Digital Badging ecosystem that creates a new model for student engagement and career ready skill development. Contact: Margaret Nagle, 207.581.3745

VEMI Lab to celebrate 10th anniversary with conference, barbecue

31 Aug 2018

The success and growth of the Virtual Environment and Multimodal Interaction Laboratory (VEMI Lab) over the past 10 years has been possible thanks to the hard work and dedication of its students. To celebrate a decade of VEMI, the lab is hosting the VEMI 10 Conference at Buchanan Alumni House from 10 a.m.–3 p.m. Friday, Sept. 21. The conference will highlight the successes of VEMI alumni through a series of presentations and lively panel discussions about how their experience at VEMI influenced their subsequent career and workforce opportunities. Seating is limited and will be on a first come, first served basis. A less formal celebration and barbecue, open to VEMI alumni and their families, will be held at the lab in Carnegie Hall from 11 a.m.–3 p.m. Saturday, Sept. 22. To attend the conference, barbecue or both, RSVP [online](#) by Sept. 1. About VEMI: Ten years ago, Nicholas Giudice and Richard Corey designed a lab with a student-centered learning atmosphere that could help build an innovative and collaborative research infrastructure. Over the past decade, the VEMI Lab with its unique training and research model has grown exponentially. VEMI has now provided over 15,000 people with educational experiences and research opportunities through hundreds of hands-on tours and demonstrations. VEMI members have been primary or co-primary investigators on 68 successful grants and funding opportunities totaling over \$10 million, and have authored or co-authored over 170 journal and conference papers and presentations. Lab members have trained (and been trained by) over 75 students from more than a dozen disciplines, with VEMI students receiving more than 20 research excellence awards and participating as authors on over 80 percent of VEMI publications. More information is [online](#).

Career Center hosting several events for fall 2018 semester

31 Aug 2018

The University of Maine Career Center is hosting several events in September and October. Careers in Accounting will be held in D.P. Corbett Business Building from 4–7 p.m. Sept. 12. Students will hear from a panel of employers and alumni, and participate in speed networking. Interested students are

encouraged to preregister on CareerLink. CareerFest, offering three days of career-focused events to hone career readiness skills, will take place Sept. 18–20. An “Interview Attire on a Budget” runway show will be held Sept. 18, from noon–1 p.m. in the Memorial Union. Sept. 19, there will be a festival on the Mall from 11 a.m.—1 p.m., offering resume reviews, expert advice, food and prizes, including free T-shirts while supplies last. Federal jobs and internships will be the focus of a panel discussion Sept. 20 from 1–3 p.m. in the Career Center Library. There also will be walk-in hours for meeting with career counselors at the Career Center from 1–4 p.m. Sept. 18 and from 9 a.m.–noon Sept. 20. A Health Profession Experience Seminar will be held in the Career Center Library from 3–5 p.m. Sept. 27. Students working toward careers in the health professions can begin the process for job shadowing and learn about volunteering and work opportunities. Those interested in attending are encouraged to email Samantha Wheeler, samantha.wheeler1@maine.edu. The 20th annual Engineering Job Fair will be held in the New Balance Student Recreation Center from 10 a.m.–3 p.m. Oct. 17. Engineering students will network with employers and organizations seeking UMaine students for internships and full-time opportunities. Registration is [online](#).

September CCA performances to include Kingston Trio, Melissa Etheridge

04 Sep 2018

The Collins Center for the Arts at the University of Maine is offering a variety of performances throughout the 2018–19 season. September events will include a broadcast of a murder mystery and several musical groups. National Theatre Live will bring “The Curious Incident of the Dog in the Night-Time” to the CCA at 7 p.m. Friday, Sept. 7. Fifteen-year-old Christopher has an extraordinary brain, exceptional at mathematics while ill-equipped to interpret everyday life. His detective work to investigate the murder of Mrs. Shears’ dog takes him on a frightening journey that upturns his world. Rock band Blackberry Smoke will perform at the CCA as part of their Find a Light Tour at 7:30 p.m. Friday, Sept. 14. Whether pursuing the dream by logging hundreds of thousands of miles on America’s highways and abroad or relentlessly exploring the many facets of its unique art form, the Atlanta quintet is always on the move. Legendary folk icons The Kingston Trio come to the CCA at 7 p.m. Saturday, Sept. 15. Marking their 60th anniversary, the performance will take the audience on an iconic musical journey to a time when folk music made its extraordinary ascent to the pinnacle of popular culture — and the top of the music charts. Melissa Etheridge will take the stage at the CCA for her “Yes I Am” 25th Anniversary Tour at 8 p.m. Saturday, Sept. 29. Melissa Etheridge stormed onto the American rock scene in 1988 with the release of her critically acclaimed, self-titled debut album. Known for her confessional lyrics and raspy, smoky vocals, Etheridge has remained one of America’s favorite female singer-songwriters for more than two decades. For more information, to view the full season schedule or to purchase tickets, visit collinscenterforthearts.com/events.

Field Day at Rogers Farm Demonstration Garden, special invitation to all Master Gardeners

04 Sep 2018

University of Maine Cooperative Extension Master Gardener Volunteers will celebrate the growing season with a Field Day from 10 a.m.–1 p.m. Saturday, Sept. 8 at the Rogers Farm Demonstration Garden, 914 Bennoch Rd., Old Town. Field Day participants will enjoy workshops, demonstrations, children’s activities and homemade food. Featured speaker Matt Dunlap plans to share cooking tips on using culinary herbs. Youth will enjoy botanical crafts and garden scavenger hunts. Ongoing demonstrations throughout the garden will allow visitors the opportunity to pick up tips from area experts on improving soil quality, protecting beneficial insect habitat, raising chickens and more. “We’d like to extend a special invitation to all past and current Master Gardeners to join the fun this year,” says UMaine Extension horticulturist Kate Garland. “Countless gardeners have participated in the Master Gardener program since Maine adopted the training in 1982. Our hope is to reconnect with past trainees to celebrate the tremendous impact these folks have had in their communities over the years.” Last year, 1,030 UMaine Master Gardener Volunteers (MGVs) gave nearly 39,000 hours for educational and food security projects. MGVs supported 79 community gardens, 45 school gardens, 53 demonstration gardens and 34 programs involving 7,054 youth in horticulture activities; and MGVs distributed 213,770 pounds of food to 130 food distribution agencies and countless neighbors in need as part of the Maine Harvest for Hunger program. This family-friendly 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 reasonable accommodation, contact Kate Garland, katherine.garland@maine.edu; 207.942.7396.

Morning Ag Clips previews pasture walk in Jackson

04 Sep 2018

[Morning Ag Clips](#) reported the University of Maine Cooperative Extension and the Maine Organic Farmers and Gardeners Association will partner with the Maine Grass Farmers Network to offer a pasture walk at the David Greeley farm in Jackson. The walk will be held 4–6 p.m. Sunday, Sept. 9. Pasture walks are designed to be a peer-to-peer learning experience, where experienced graziers share their knowledge while walking through their pastures and explaining their management style, according to the report. Participants will have the opportunity to learn new techniques, and share their experiences and challenges in managing a productive pasture system, the report states.

Press Herald interviews Lilley about farm labor shortage

04 Sep 2018

Jason Lilley, a sustainable agriculture professional with the University of Maine Cooperative Extension, spoke with the [Portland Press Herald](#) for the article, “Maine’s small, mid-sized farms suffering from labor shortage.” The labor shortage that has been plaguing Maine’s hospitality industry also is harming the state’s agriculture industry, according to the article. After the 2008 recession, there was a boom in aspiring farmers, fueled in part by the local foods movement, said Lilley. At the time, many recent high school and college graduates were struggling to find work, so they snapped up farm jobs, the article states. “I don’t know if it’s more job opportunities, or if it’s just people are realizing how hard the work is, but that local labor pool isn’t really there anymore,” he said. The labor shortage is most acute on small- to medium-sized farms, especially diversified vegetable and fruit farms that don’t already use migrant labor, according to Lilley. Some farmers are considering raising pay, the Press Herald reported. “I’ve heard a lot of people talking about how they’re going to have to do that,” Lilley said, “but they don’t know how. What I’ve heard more of is people are going to cut back on their acreage and the amount that they’re planting.” [The Times Record](#) published the Press Herald article.

STEM-related platform for visually impaired awarded NSF grant, Maine Edge reports

04 Sep 2018

[The Maine Edge](#) published a University of Maine news release announcing a \$748,000 National Science Foundation grant for the development and evaluation of a first-of-its-kind remote learning platform. The system will provide people who are blind or visually impaired nonvisual access to STEM-related graphical information. The project, “A Remote Multimodal Learning Environment to Increase Graphical Information Access for Blind and Visually Impaired Students,” is led by Nicholas Giudice, a UMaine professor of spatial informatics who directs the Virtual Environment and Multimodal Interaction (VEMI) Laboratory. The research team also includes Justin Dimmel, a UMaine assistant professor of mathematics education and instructional technology, and Stacy Doore, a visiting assistant professor of computer science at Bowdoin College.

WABI previews Sigma Phi Epsilon event to raise awareness about sexual assault

04 Sep 2018

[WABI](#) (Channel 5) spoke with members of University of Maine’s Sigma Phi Epsilon about Rock Against Rape, a free concert hosted by the fraternity to raise awareness about sexual assault on college campuses. The concert, which was scheduled for Sept. 1, was slated to feature the Mallett Brothers Band and Zesty, according to the report.

Phelps new interim director of UMaine Extension, AP reports

04 Sep 2018

The Associated Press reported Lisa Phelps, the former Maine 4-H Program leader, has been named interim director of University of Maine Cooperative Extension. Phelps took over Aug. 31, after the retirement of longtime director John Rebar, who had held the position since 2007. Phelps joined the UMaine Extension staff in 2001. A search for a permanent director is underway, the article states. The [Portland Press Herald](#), [WABI](#) (Channel 5) and Maine Public radio published the AP report. The [Kennebec Journal and Morning Sentinel](#) also reported on the new position for Phelps.

WABI covers 2018 Maine Hello move-in day

04 Sep 2018

[WABI](#) (Channel 5) covered the annual Maine Hello move-in day for incoming first-year students at the University of Maine Aug. 31. Volunteers helped hundreds of new students move into their residence halls for the upcoming school year. WABI interviewed several students who said they were excited to come to UMaine and have new experiences. “Everyone is filled with hope and expectation, and it’s my desire and my intent to make sure that everybody’s hopes and expectations are met,” said Vice President for Student Life and Dean of Students Robert Dana. “It’s just a wonderful experience.”

AP quotes Runge in article on Gulf of Maine warming

04 Sep 2018

The Associated Press quoted Jeffrey Runge, a research scientist in the School of Marine Sciences at the University of Maine, in an article about record warm temperatures in the Gulf of Maine. The Gulf of Maine is warming faster than the majority of the world’s oceans — it has warmed at a rate of about 0.1 degrees Fahrenheit over the past 30 years, more than three times the global average, and more than seven times the global average in the past 15 years, according to the Associated Press. Temperatures above the 90th percentile have occurred for more than five consecutive days in the Gulf this year, which qualifies as a “marine heat wave.” There have been 10 daily temperature records this summer, and 18 this past winter, the article states. The Gulf of Maine is an important feeding ground for rare North Atlantic right whales, and warming impacts the availability of tiny organisms the whales feed on, which is a foreboding sign for the population. “There are very large, not regional, drivers for this change,” said Runge. “Until we work on the global drivers of warming, I don’t see any way to stop this.” The [Portland Press Herald](#), [Bangor Daily News](#), ABC News, [Gloucester Daily Times](#) and New Jersey Herald carried the AP article, and [The Weather Company](#) adapted the AP article.

Mainebiz, WVII report on new app by Giudice, postdoctoral researcher

04 Sep 2018

[Mainebiz](#) and [WVII](#) (Channel 7) reported Nicholas Giudice, a professor of spatial informatics and the director of the Virtual Environment and Multimodal Interaction (VEMI) Laboratory at the University of Maine, and Hari Prasath Palani, a postdoctoral researcher in spatial informatics at UMaine, have released the first app through their startup company. Last October, Giudice and Palani founded UNAR Labs LLC, a company that helps visually impaired people access graphical information in digital media through portable devices, and the company just released the app Tic Tac Toe on iTunes. The app’s development is funded by a \$748,000 National Science Foundation grant, WVII reports. The pair has been researching ways to “bridge the information gap between sighted and visually impaired people,” according to Mainebiz. They developed the app after realizing there were no mobile game apps for visually impaired people. Tic Tac Toe is designed for both visually impaired and sighted people, and the app is run on an artificial intelligence platform named Midlina after a bridge in Iceland linking two continents “just like how we are working to connect the visual with non-visual parts of the world,” Palani said. Midlina also is used for educational and navigational purposes. Tic Tac Toe players can use a setting for real-time audio narration and find the lines of the game grid using vibrations in this version of the classic game. The game is the first of many that UNAR Labs plans to make to fulfill its mission to “make digital information accessible beyond sensory bounds,” the article states. UNAR Labs is working to reverse trends — among visually impaired people in the United States, 70 percent are unemployed or underemployed, 80 percent do not travel independently, only 11 percent have a college degree and 33 percent finish high school, according to the company’s statistics cited by Mainebiz. “This is just the beginning of our mission towards creating a truly inclusive and accessible digital world. We are not stopping here, watch out for us!” said Palani. “I think it’ll really make a huge difference especially for STEM learning disciplines for a lot of students,” Giudice told WVII. “And that’s really exciting. Because virtual reality is generally synonymous with visual reality. And we’re really trying to make virtual reality to be really modeling all the senses that we use.”

Delcourt, Doucette receive promotions

05 Sep 2018

Scott Delcourt has been named associate vice president for graduate studies and senior associate dean of the Graduate School, and Luke Doucette named general manager for the Coordinated Operating Research Entities (CORE) program, effective Sept. 1. A story about the promotions is [online](#).

\$2.9 million NSF award will train the next generation of environmental conservation leaders

05 Sep 2018

Helping train the next generation of interdisciplinary environmental conservation leaders is the goal of a five-year, \$2.9 million National Science Foundation (NSF) award to the University of Maine. The interdisciplinary UMaine project led by Sandra De Urioste-Stone, a UMaine assistant professor of nature-based tourism, and involving multiple community partners statewide was one of 17 new projects funded by NSF's Research Traineeship (NRT) program to support preparation of future leaders in the STEM (Science, Technology, Engineering, and Math) workforce. An NSF release about NRT is [online](#). In Maine, that workforce development will focus on the creation of a new graduate education model to enhance conservation science and practice. The coursework, research and community engagement will equip the next generation of leaders with the skills necessary to address the challenges presented by global and local changes in environmental, social, economic and climatic conditions. De Urioste-Stone and eight other UMaine faculty members will collaborate with state and local agencies, the National Park Service, nongovernmental organizations and other community partners. They include Acadia National Park, the Biodiversity Research Institute, Maine Bureau of Parks and Lands, Maine Department of Inland Fisheries and Wildlife, the Penobscot Nation, Schoodic Institute, and The Nature Conservancy, as well as Manomet and the National Park Service Social Science Program. In its first five years, the project expects to train 25 master's and doctoral scholars, including 20 NRT-funded trainees from forest resources, wildlife conservation, communications and environmental sciences to develop interdisciplinary communication, collaboration and professional skills to address emergent conservation issues in Maine and beyond. Additional graduate students will have opportunities to participate in one or more of the traineeship program components — courses focused on socio-ecological resilience and science communication; internships in conservation management and policy, and science communication; interdisciplinary research; and faculty mentoring. The graduate concentrations developed at UMaine also will serve as national models to promote the diversification of the STEM workforce by targeting recruitment of women in science and other underrepresented minorities. UMaine collaborators include the Center for Research on Sustainable Forests (CRSF); Department of Communication and Journalism; Department of Wildlife, Fisheries and Conservation Biology (WFCB); Program in Ecology and Environmental Sciences (EES); School of Forest Resources (SFR); and Senator George J. Mitchell Center for Sustainability Solutions. Researchers from UMaine who are collaborating on this project are Aram Calhoun, professor of wetland ecology; Adam Daigneault, assistant professor of forest, conservation and recreation policy; Daniel Hayes, assistant professor of remote sensing and geospatial analysis; Bridie McGreavy, assistant professor of environmental communication; Sarah Nelson, associate research professor and EES program director; Laura Rickard, associate professor of risk communications; Linda Silka, senior fellow in the Mitchell Center; and Aaron Weiskittel, professor of biometrics and modeling, and CRSF director. Contact: Sandra De Urioste-Stone, sandra.de@maine.edu; Margaret Nagle, 207.581.3745

Maine Grass Farmers Network Pasture Walk in Jackson Sept. 9

05 Sep 2018

University of Maine Cooperative Extension and the Maine Organic Farmers and Gardeners Association are partnering with the Maine Grass Farmers Network to offer a pasture walk at the David Greeley farm in Jackson, Maine on Sunday, Sept. 9 from 4–6 p.m. Pasture walks are designed to be a peer-to-peer learning experience, where experienced graziers share their knowledge while walking through their pastures and explaining their management style. Participants learn new techniques, and share their experiences and challenges in managing a productive pasture system. Greeley has been grazing beef cows on his farm in Jackson for many years. Starting in 1994, there have been four biomass harvests totaling about 60 acres that are now in hay or pasture. In addition, over 100 acres of silvopasture help support 40 brood cows and their calves. The farm is located at 291 Hatch Road in Jackson. No preregistration is required. For more information or a reasonable accommodation, contact Rick Kersbergen at UMaine Extension, 207.342.5971; richard.kersbergen@maine.edu.

Jacobson to speak at Cape Cod gardening forum, The Enterprise reports

05 Sep 2018

[The Falmouth Enterprise](#) reports George Jacobson, a professor emeritus of biology, ecology and climate change at the University of Maine, will speak at a fall gardening forum in Cape Cod. The Master Gardener Association of Cape Cod will host the event at the Harwich Community Center in Harwich, Massachusetts from 9 a.m.–12:30 p.m. Saturday, Sept. 29. Jacobson will speak on “A Brief History of Long-Term Climate Change and How Plants Have Responded.” The full program is \$20 per person; preregistration is required.

Morning Ag Clips advances Extension open house, tour of Faithful Venture Farm

05 Sep 2018

[Morning Ag Clips](#) advanced an open house and tour of Faithful Venture Farm at 17 Borough Road in Searsmont from 5:30–7:30 p.m. Tuesday, Sept. 18. The event is a collaboration between University of Maine Cooperative Extension and the Waldo County Extension Association. The public is invited to tour the farm and learn about organic dairy farms and programs offered by UMaine Extension, according to Morning Ag Clips. Refreshments will be served, and a brief business meeting for the Extension Association will follow. For more information or to request a reasonable accommodation, contact Rick Kersbergen, 207.342.5971; richard.kersbergen@maine.edu, or visit extension.umaine.edu/waldo.

Population Connection interviews Blackstone about child-free choice

05 Sep 2018

Amy Blackstone, a professor of sociology at the University of Maine, was interviewed in the September 2018 issue of [Population Connection](#) magazine. Blackstone, who studies the child-free choice, child-free families, workplace harassment and civic engagement, spoke with the magazine about her research. “We’re told that parenthood is an important part of becoming an adult and that it is one of the most fulfilling things adults can do,” Blackstone said. “So to opt out of that strikes people as strange. Why would anyone opt out of their destiny, out of the most fulfilling thing they can do? The thing is, it’s not our destiny

any more than any other choice we make as adults.”

Morning Ag Clips previews anniversary of Sustainable Agriculture Program

05 Sep 2018

[Morning Ag Clips](#) reported the 30th anniversary of the University of Maine Sustainable Agriculture Program will be celebrated with a free barbecue and live music 3–7 p.m. Friday, Sept. 14 at Rogers Farm in Old Town. Alumni and community partners connected to the program are expected to attend. UMaine began offering a bachelor’s degree in sustainable agriculture in 1988 — the first program of its kind in the country. Today, there are 28 students in the program, who will soon join a group of 122 alumni who include leading farmers and educators working to promote sustainable agriculture throughout the world.

Weiskittel quoted in CBC report on fast-growing trees on Crown plantations

05 Sep 2018

Aaron Weiskittel, an associate professor of forest biometrics and modeling and the Irving chair of forest ecosystem management at the University of Maine, was quoted in a [CBC](#) report about faster tree growth on Crown plantations, or replanted conservation land, in New Brunswick, Canada. A recent decision was made to place conservation protection on 150,000 hectares of land after it had been removed several years earlier. New Brunswick government forecasters are projecting much higher yields of wood from replanted areas on Crown land than previously thought, the report states. The province has not provided official statistics on wood yields from the land. But researchers have explored the benefits of improved management strategies. Weiskittel is developing a model for forecasting wood yields in the Acadian forest, according to CBC. He said recent projections from properly managed plantation forests in both areas show a 200 to 300 percent increase in productive wood over yields from just natural growth. “I think they’ve learned from the past and have really good plantations,” he said of New Brunswick forecasting. “I would not be surprised if they would be over-yielding what expectations were. I think you are going to see even higher over-yielding in the years to come.”

De Urioste-Stone receives NSF Research Traineeship award, EurekAlert! reports

05 Sep 2018

[EurekAlert!](#) published a [National Science Foundation](#) news release announcing the NSF Research Traineeship program has funded 17 projects, totaling \$51 million, to develop and implement graduate education traineeship models in science, technology, engineering and mathematics (STEM) fields. The awards will help train the next generation of scientific leaders to develop the skills necessary to tackle complex societal problems, the release states. Among the recipients is Sandra De Urioste-Stone, an assistant professor of nature-based tourism at the University of Maine’s School of Forest Resources and Center for Research on Sustainable Forests. Her project is titled “Enhancing Conservation Science and Practice: An Interdisciplinary Program.”

Dill speaks to Press Herald for report on ticks, summer weather

05 Sep 2018

The [Portland Press Herald](#) quoted Griffin Dill, an integrated pest management professional with the University of Maine Cooperative Extension, in the article, “Hot and dry weather apparently hampering ticks that carry Lyme disease.” The number of cases of Lyme disease in Maine has declined this summer from last year, and is well below five-year averages, the article states. Experts think the hot, dry weather could be causing ticks to remain dormant. There is no definitive evidence that reduced tick activity directly caused a lower incidence of Lyme disease, but a connection is likely. However, the ticks are only hibernating temporarily and could reemerge if the state sees a wet fall season. Dill told the Press Herald that ticks are difficult to kill, even if current dry weather is not favorable for them. “The ticks are just lying low in the leaf litter, biding their time. I don’t think this will set them back. They’re going to wait it out,” said Dill. [The Times Record](#) and [Sun Journal](#) carried the Press Herald article.

AP quotes Yarborough in article on Maine wild blueberry industry decline

05 Sep 2018

The Associated Press spoke with David Yarborough, a wild blueberry specialist with the University of Maine Cooperative Extension and a professor in the UMaine School of Food and Agriculture, for an article about the continued decline of Maine’s wild blueberry industry. Financial stress played a role in growers harvesting 5,000 fewer acres in the United States last year, according to Yarborough, who said he expects a similar drop this year. Other factors, such as poor pollination last year, have held the crop back, Yarborough said. While he wouldn’t describe the industry as in full-blown crisis, he said some smaller growers are in crisis mode, the report states. [Mainebiz](#) also reported on the decline, citing statistics from the UMaine Extension’s July 2018 newsletter. The [Portland Press Herald](#), [Bangor Daily News](#), [The Times Record](#), [Post Register](#) and [Twin Falls Times-News](#) carried the AP report.

Singapore Symphony Orchestra percussionist, UMaine doctoral student to lecture Sept. 12

06 Sep 2018

Jonathan Fox, the principal percussionist with the Singapore Symphony Orchestra since 2000 and a University of Maine iPh.D. student studying under UMaine School of Performing Arts professor Stuart Marrs, will give a public lecture on campus Sept. 12 at 8 p.m. in Minsky Recital Hall, “Living and Working Abroad: Challenges and Rewards.” Fox teaches at the National University of Singapore’s Yong Siew Toh Conservatory of Music, and is an active concert and marching recitalist and clinician throughout North America and Asia, according to his biography on the Singapore Symphony Orchestra website. He has performed with groups such as the New York Philharmonic and Mostly Mozart Orchestra, and has had a solo career. Fox holds degrees from Juilliard and Boston University.

Sun Journal speaks with Dill for report on squirrel deaths

06 Sep 2018

The [Sun Journal](#) spoke with Griffin Dill, an integrated pest management professional with the University of Maine Cooperative Extension, for a report on why so many squirrels are dying on Maine roadways this summer. An abundance of food sources last fall led to a population increase this year, the article states. According to Dill, it's now the season for young squirrels to venture out on their own and begin storing food for the winter, and the increased population means they are more likely to cross roads in larger numbers. "They're really quite active right now, which of course leads them to wander across roads. Things are winding down for the year for them and they know it," said Dill, who has previously been contacted by Maine residents concerned about increasing numbers of gray squirrels. "Bangor in particular had several neighborhoods where the residents felt like they were being overrun," Dill told the Sun Journal.

BDN quotes Birkel in article on early fall foliage

06 Sep 2018

The [Bangor Daily News](#) quoted Sean Birkel, Maine's state climatologist and a research assistant professor at the University of Maine Climate Change Institute, in the article, "Maine's fall foliage is popping up early this year." Some trees in Maine are already changing color, which could be the result of drought putting the trees under stress, especially those at the edges of roads, forests and in yards that have more shallow roots. However, most tree varieties have not been affected by the drought and the foliage is expected to remain mostly on schedule. Maine's fall foliage season usually lasts from mid-September to mid-October, the BDN reports. Birkel said rising fall temperatures may cause fall foliage to come later in the year over the long term. Birkel's recent research entails gathering temperature and precipitation records for the state of Maine dating back to 1895. According to Birkel's research, Maine's average September temperature has been steadily increasing, with a higher rate of increase over the past 20 years. But foliage is difficult to predict because it is affected by many factors aside from temperature, the article states. "It's a complex process because it involves the daylight length, overall precipitation, and it could also link to nighttime low temperature versus daytime high temperature," said Birkel.

Moran interviewed for BDN article on apples

06 Sep 2018

Renaë Moran, an associate professor of pomology at the University of Maine and a fruit tree specialist with UMaine Cooperative Extension, was interviewed by the [Bangor Daily News](#) for an article about changes in consumer preferences for different apple varieties. The Red Delicious has been the most popular variety of apple in the United States for decades, only recently losing the spot to the Gala. And while there are up to 3,000 apple varieties in Maine and 20,000 in the entire country, only a handful meet market criteria for sale in supermarkets, like the ability to produce a consistent and prolific crop every year, the article states. The Red Delicious has been bred for maximum visual traits, but sometimes taste was sacrificed along the way, which is now reflected in changing consumer preferences. "In the 1990s, consumers became more discriminating," said Moran. "We're just starting to see the impact on the top 10 varieties. It takes a long time for an apple to be knocked off its top spot." The Red Delicious was never the most popular apple in Maine or the rest of New England, with the McIntosh taking that place after surviving the harsh winter of 1934–35. "It became cold very suddenly in December, before trees had a chance to harden off and a lot of trees died. The McIntosh survived, and that's when growers started planting it," Moran said. The Mac is still the most popular variety in Maine, but Moran predicts other varieties like the Honeycrisp will overtake it in popularity within the next 10 or 20 years. And many more varieties are available to consumers willing to look beyond the slowly changing selection at supermarkets and venture to farm stands and orchards, where Moran finds favorites like the SnowSweet and Crimson Crisp. The article recommends consumers ask growers for a variety they might not have tried before.

Hecker recent guest on WBUR's 'On Point'

06 Sep 2018

Jeffrey Hecker, the executive vice president for academic affairs and provost for the University of Maine, was a recent guest on [WBUR's](#) (NPR Boston) "On Point" radio show. The show's focus was price-matching programs on college campuses, including UMaine's Flagship Match Program. [WMRA](#) (NPR Harrisonburg, Virginia) also broadcast the show.

Canadian-American Center receives U.S. Department of Education funding

06 Sep 2018

The Canadian-American Center at the University of Maine has received \$1,072,000 from the International and Foreign Language Education Office, U.S. Department of Education, through its Title VI program to fund the National Resource Center (NRC) on Canada and Foreign Language and Area Studies graduate fellowships for 2018–22. NRC funds will be used to support faculty development, curriculum expansion, visiting speakers, conferences and workshops, the Canadian Studies library collections in Fogler Library and the University of Maine Law School, K–16 outreach in English and French, and program evaluation. The Canadian-American Center is one of only two NRCs on Canada funded by the U.S. Department of Education, and the only Title VI center at a public university in New England. The center is the lead institution in a consortium with the Center for the Study of Canada & Institute on Quebec Studies at the State University of New York at Plattsburgh. "The continued success of the Canadian-American Center in the highly competitive Title VI competition is testament to the quality of faculty and staff, the strength of the program and the long institutional commitment to Canadian Studies at the University of Maine," says director Stephen Hornsby. Contact: Margaret Nagle, 207.581.3745

Welcome for UMaine international community Sept. 7

06 Sep 2018

The International Programs Office will hold a Welcome Assembly and Coffee Hour beginning at 4 p.m., Sept. 7. The event will begin in Minsky Recital Hall with brief remarks from UMaine and Orono leaders to welcome new and returning international students, research scholars, faculty and staff members, as well as friends of UMaine's international community. The welcome will be followed at 4:30 p.m. by this semester's first weekly International Coffee Hour in the North Pod of the Memorial Union. The University of Maine welcomed 86 new international students to campus this fall, as well as 14 new faculty and staff members from abroad. The Welcome Assembly, the first of what will be an annual tradition, and the Coffee Hour are free and open to all members of the

UMaine community, which now includes more than 500 international students, research scholars, faculty and staff.

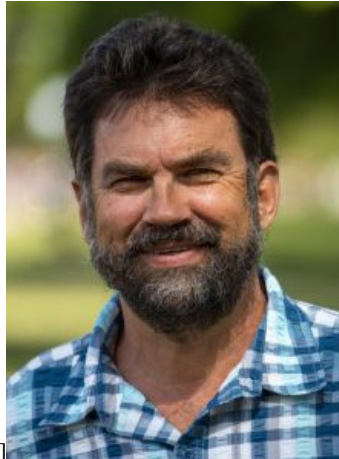
Barkan to serve on ASA advisory board

07 Sep 2018

Steve Barkan, professor and interim chair of the Department of Sociology, will serve on the Advisory Board of the American Sociological Association Honors Program, which accepts outstanding students nationwide to participate in several activities at the ASA national conference in August.

Wahle named director of the Lobster Institute at the University of Maine

07 Sep 2018



[caption id="attachment_62706" align="alignright" width="223"] Richard Wahle[/caption] University of Maine marine sciences research professor Richard Wahle has been named director of the University of Maine's Lobster Institute, effective Sept. 1. He succeeds Robert Bayer, who has directed the institute since 1995 and is retiring from UMaine this year. Wahle joined UMaine's School of Marine Sciences in 2009. He is based at the University's Darling Marine Center, where he will continue to teach and conduct research. In 1989, Wahle founded the American Lobster Settlement Index, a program that now monitors the number of juvenile lobsters that settle to the seafloor at over 80 sampling sites from Rhode Island to Atlantic Canada. The index sheds light on the ocean processes that deliver lobster larvae to their rocky coastal nurseries, and serves as a predictor of trends in recruitment to the fishery. "This is a wonderful opportunity to enhance UMaine's engagement with all sectors of the lobster fishery and resource management in the U.S. and Canada at a time when challenges to the industry seem to be coming from all corners," says Wahle, who has a Ph.D. in zoology from UMaine. In his new role, Wahle plans to energize and expand the existing connections of UMaine's distinguished researchers and communicators to the lobster industry and resource managers in the state and region. Among the first initiatives will be establishment of a group of affiliated UMaine faculty and student researchers to extend the institute's impact and reach. Wahle also envisions the Lobster Institute as a major disseminator of information on new developments in research. "Rick is a rising leader in the college with strong credentials in ecology, oceanography and fisheries science, especially when it comes to the American lobster," says Fred Servello, who oversees the institute as dean of the College of Natural Sciences, Forestry, and Agriculture. "The college could not hope for a better person to lead the Lobster Institute's next chapter and advance its role in research." At UMaine, Wahle has been involved in fisheries research in New England and Atlantic Canada since 1985, and is well known in the lobster industry and among fishery managers. He has published widely in the scientific literature on lobster and other invertebrate species of commercial importance, such as scallops, sea urchins and crabs. In the past few years, he chaired two major international scientific conferences on lobster biology and management, both hosted by UMaine. Prior to joining the University of Maine in 2009, Wahle was a senior research scientist at Bigelow Laboratory for Ocean Sciences for 15 years. He held two postdoctoral positions at Brown University and the University of Rhode Island, with a short stint in Ireland working on the European lobster. He has also collaborated on research in Chile's remote Juan Fernandez Islands, which host an endemic species of spiny lobster. He currently serves as an adviser to the development of another spiny lobster fishery in the Andaman Islands of India. The mission of the University of Maine's Lobster Institute is to conduct research and educational outreach to steward the lobster resource and preserve lobstering as an industry and as a way of life. More information is [online](#). Contact: Margaret Nagle, 207.581.3745

Vekasi to give lecture on Korean Peninsula geopolitics Sept. 13

07 Sep 2018

Prospects for peace on the Korean Peninsula will be the focus of a Sept. 13 lecture at the University of Maine by Kristin Vekasi, a UMaine assistant professor of political science. The free public lecture, from 4:30–5:30 p.m. in 120 Little Hall, will focus on the key background from the perspectives of major stakeholder countries — North and South Korea, China, the United States, Japan and Russia. Topics will include nuclear diplomacy, the Trump-Kim summit and future prospects for peace on the Korean Peninsula. The lecture is based on Vekasi's research and travels as a fellow through Bridging the Divide, a program run by the Mansfield Foundation and the Korea Foundation. While abroad, Vekasi met with U.S. and Korean policy makers, journalists, academics, and defense and intelligence officials. Vekasi teaches in the Department of Political Science and the School of Policy and International Affairs at UMaine, and has conducted extensive research and fieldwork across Northeast Asia, especially Japan and China. She has been a visiting fellow with the Japan Foundation at Tokyo University, a Fulbright Fellow at Tohoku University and a Foreign Language and Area Studies fellow at the Harbin Institute of Technology. Her research focuses on Japan-China relations, and how multinational firms manage political risk in a globalized and politicized world. Recent publications discuss how private firms use cultural exchange programs to improve tense international relations, and responses to China's use of rare Earth metals in their economic statecraft. For more information or to request a reasonable accommodation, contact Vekasi, 581.1879.

Teachers from 14 school districts on campus for STEM education workshop

07 Sep 2018

Twenty Maine K–12 STEM teachers from 14 school districts are expected to be at the University of Maine Sept. 8 from 9 a.m. to noon for a STEM education workshop by the Maine Center for Research in STEM Education (RiSE). In their physical, life or Earth sciences classrooms, teachers use research-based materials from the RiSE Center to support student learning and promote interest in science, technology, engineering and mathematics. The RiSE Center, located at UMaine, facilitates community partnerships with K–12 schools and school districts, teachers, university faculty and other organizations in Maine and beyond to improve STEM education and teacher preparation through research-supported practices. Activities to be conducted on Saturday include working through examples of three-dimensional learning using the Next Generation Science Standards, as well as preparation for piloting of new science resources for elementary and middle school science instruction. Resources and professional learning opportunities provided by the Maine STEM Partnership have led to improvements in science achievement and attitudes toward science in participating classrooms. For more information on impacts of the Maine STEM Partnership, contact Laura Millay, laura.millay@maine.edu; 207.266.8064.

UMaine again welcomes one of its largest incoming classes

07 Sep 2018

A first-year class of at least 2,230 students moved in during this year's Welcome Weekend with the help of more than 700 volunteers from the University of Maine community. The first-year students again make up one of the largest classes in UMaine history, and over 46 percent of them are from other states. This fall, 381 international students are enrolled at UMaine, including 48 first-year or transfer students, and 38 new master's or doctoral candidates. As of the start of the first week of classes, UMaine's enrollment was 11,173 — 2 percent higher than enrollment on the same day last year. By the October census, overall enrollment is projected to exceed 11,300, which would be the highest enrollment since fall 2010. Fall 2018 graduate enrollment is projected to exceed 2,000 for the first time since fall 2013, with projected increases in out-of-state and in-state enrollment. Much of the growth can be attributed to an increase in enrollment in online programs. As of the first day of classes, 530 new graduate students had enrolled for courses — a 15 percent increase over the same day last year. Enrollment in online programs is expected to reach almost 500 this fall, an increase of almost 30 percent. Vice President for Enrollment Management R. Lizzie Wahab reflected on the start of the fall semester — her first since joining the UMaine community Aug. 1. "Our students' enthusiasm is palpable as they immerse themselves in the range of classes and activities that only a flagship school can offer," she says. "We revel in this new level of energy to campus that, for many of us, is as thrilling now as it was during our own days as undergraduate and graduate students. "We are proud to welcome a diverse, academically talented class in keeping with our mission," Wahab says. "Thanks to the efforts of many, UMaine is matching the high standards of this class with a sharpened focus in educational excellence, the quality of our students' experiences, and greater accessibility of our academic strengths to Mainers, both traditional and returning adults."

Chad Arms passes away

07 Sep 2018

Chadwick "Chad" Arms, a former dairy specialist with the University of Maine Cooperative Extension, passed away Sept. 2. Arms served in three states including Maine in his 40-year career with Cooperative Extension, retiring in 1998 as the UMaine Extension dairy specialist. Arms and his wife were leaders of a 26-member 4-H Club, the Riverside 4-H All Stars in Vassalboro. His family has requested that in lieu of flowers, donations be made to the Maine 4-H Foundation, according to his [obituary](#).

Island Ad-Vantages reports on lobster talk by Stoll

07 Sep 2018

[Island Ad-Vantages](#) covered a talk by Joshua Stoll, an assistant research professor of marine policy at the University of Maine, as part of the "Lunch and Learn" series at the Maine Center for Coastal Fisheries in Stonington Friday, Aug. 31. The lecture series gives residents and visitors the opportunity to learn about complex issues facing local fisheries and fishing communities, the article states. Stoll's talk, "Why a lobster roll could cost you \$40," focused on the relationship between Maine's lobster industry and global trade. While Stoll acknowledged that monitoring and assessing the environmental health of fisheries has been an investment priority, he said "we don't do much to monitor the entire process from boat to lobster roll," which has significant impacts on the success of the industry. In his talk, Stoll mentioned the example of the 2012 conflict over shipment of U.S. lobster to Canada for processing, which resulted in a drop in lobster prices, Island Ad-Vantages reports. Stoll also discussed the current trade war with China and the corresponding 25 percent tariff on lobster, and the "social buffer" effect of community response to negative impacts on the market. "Communities have played a role in the sustainability system by acting as a backstop to sudden market conditions," said Stoll. But there can be a breakdown of this connection too. Global distribution of seafood can cause a disconnect between a fishery and its local community, the article states. Stoll cited the example of most of Australian lobster being exported to China, raising prices to levels unrealistic for most Australians. "If that happens [in Maine], then the cost of a lobster roll could be \$40. Lobster is a part of the fabric of our community, it's why people come to Maine," Stoll said, explaining that fishermen need to maintain that community connection to ensure economic and political support for the industry remains constant. Stoll concluded that more research is needed on the impacts of global trade on Maine's lobster industry.

The Penobscot Times mentions new recipe page created by Extension members

07 Sep 2018

The Penobscot Times published a University of Maine announcement reporting that UMaine Cooperative Extension has released an updated and expanded recipes page as part of its Food & Health website. Extension staff members Cindy-Eves Thomas and Mary Michaud and graduate students Kate Cutting and Sarah Perkins have contributed to the project, the report states.

WABI speaks to Socolow about anonymous NYT op-ed

07 Sep 2018

[WABI](#) (Channel 5) spoke to Michael Socolow, an associate professor of communication and journalism at the University of Maine, about an anonymous op-ed published in the New York Times. The op-ed gives a perspective from inside the White House from a person the Times refers to as a "senior official," WABI reports. "I actually believe this is the most historic and consequential op-ed that's ever been published on this page since 1971," Socolow said. "It is so

rare that you get this direct address from somebody at the highest level of the administration with these kind of thoughts. We see it all the time in reporting, especially through anonymous sources, but here we have a person who is speaking directly to the audience.” [CBC](#) also reported on the op-ed, citing tweets by Socolow that formed a six-point argument speculating the writer was National Intelligence Director Dan Coats, who among many others has denied writing the piece. Coats “worked very well [with] Colorado Senator Michael Bennett while in the Senate. That’s the brother of the NY Times opinion editor, James Bennett,” Socolow tweeted.

News Center Maine quotes Moran in report on Maine Apple Sunday

07 Sep 2018

[News Center Maine](#) quoted Renae Moran, an associate professor of pomology at the University of Maine and a fruit tree specialist with UMaine Cooperative Extension, in a report on Maine Apple Sunday, which marks the start of the fall season for orchards in Maine. This year, more than a dozen orchards statewide are opening for apple picking, hay rides and other events on Sunday, Sept. 9, according to News Center Maine. This is the 18th year the event is taking place, and it’s sponsored by the Maine Pomological Society. Despite a dry, hot summer, the crop is looking promising. “From my estimates, it’s shaping up with fruit ripening right on schedule,” said Moran. “I’d say the size of the industry has been consistent for about 10 years. Perhaps the number of small farms is on the rise while the number of large farms is on the decline.”

WABI interviews Garland about Rogers Farm Field Day

07 Sep 2018

[WABI](#) (Channel 5) interviewed Kate Garland, a horticultural professional with University of Maine Cooperative Extension, in advance of a Field Day at Rogers Farm on Saturday, Sept. 8. The event is free and open to the public, and will be held from 10 a.m.–1 p.m. at the farm’s Demonstration Garden at 914 Bennoch Road in Old Town, WABI reports. “It’s a perfect time of year to showcase the garden in its prime. It’s an event that’s appealing to anyone, whether you’re a gardener or not a gardener, or whether you’ve been digging in the dirt for decades or just starting out,” said Garland. The event will include workshops, demonstrations, children’s activities, homemade food and more. UMaine Extension is extending a special invitation to all former and current Master Gardener Volunteers to attend, according to the report. “We have folks celebrating over 2,000 pounds recently donated to local food cupboards right from that garden alone, so we have some extremely dedicated volunteers that cultivate both the ornamental and the edible side of the garden,” Garland told WABI.

Undergraduate research for Maine’s marine economy

07 Sep 2018

Diatoms, sugar kelp, green crabs, lobsters and oysters are iconic organisms on our coast. Their roles in marine ecosystems, their importance as fished and cultured species and their responses to changing ocean conditions were topics of SEA Fellows’ research from Casco Bay to Eastport this summer. The third annual SEA Fellows Symposium featured the work of 22 undergraduate students. The August event was held at the University of Maine Darling Marine Center in Walpole and was attended by more than 80 scientists, industry professionals, resource managers and interested citizens. SEA (Science for Economic Impact and Application) Fellows is an undergraduate research and engagement training program that supports research related to Maine’s marine economy, as well as the ecosystems and coastal communities that support it. “We want students to experience research as it develops and to be part of the process of discovery. They learn to ask questions that resonate both from a scientific perspective as well as from a practical perspective,” said Heather Leslie, director of the Darling Marine Center and Libra Associate Professor in the School of Marine Sciences. Dory Freeman, an undergraduate at Union College in New York, worked in Jeremy Rich’s microbial ecology lab at the DMC. Rich is an assistant professor at UMaine’s School of Marine Sciences. Freeman identified microscopic algae called diatoms in sediment samples collected in the Damariscotta River estuary. Her research was part of the Rich lab’s ongoing effort to quantify how diatoms and other microbes control levels of biologically available nitrogen in marine ecosystems. This form of nitrogen is a necessary nutrient for organisms at the base of the food chain, and ultimately controls the productivity of fisheries and shellfish farms. Freeman’s research focused on the diversity and abundance of diatoms in the Damariscotta. What’s the best way to decrease the impact of the invasive European green crab? Create a fishery, perhaps. Two years ago, Marissa McMahan, a senior fisheries scientist at Manomet, and fishermen in the midcoast area started to collaborate on the idea. This summer Emma Ober, an undergraduate student at the College of the Atlantic, joined the effort. Working at the DMC with McMahon and Rachel Lasley-Rasher, assistant professor of biology at the University of Southern Maine, Ober sampled crabs from the Damariscotta River estuary to gather population data and monitor seasonal molting patterns, key factors in determining the opportune harvesting period for soft-shell crabs. Leslie co-founded the SEA Fellows Program two years ago with Brian Beal, professor of marine sciences at the University of Maine at Machias. Their joint vision was the beginning of what is now a multi-institutional collaborative supported by Darling Marine Center and the Downeast Institute, University of Maine at Machias’ marine field station. Additional support of the program has come from a National Science Foundation award to Maine EPSCoR, the University of Maine System Research Reinvestment Fund, and grants led by individual collaborating faculty and external mentors. Founded in 1965, the Darling Marine Center’s mission is to connect people to the ocean. The center’s researchers, staff and students work alongside fishermen, aquaculture entrepreneurs, marine industry professionals and other members of the community in Maine and around the world. More information about the DMC, the SEA Fellows program and abstracts from the 2018 symposium is available at dmc.umaine.edu.

Social media spotlight: Max Mauro

10 Sep 2018

Hometown: Milford, Connecticut Max Mauro is a junior environmental sciences major with a concentration in sustainability, environmental policy, and natural resource management. This summer, when he interned at the National Oceanic and Atmospheric Administration campus in Milford, he shared a bit about working on “The GoPro Project,” which involved monitoring fish activity in the Long Island Sound. “Fish use reefs and other natural structures on the marine floor for mating, hunting and resting. Our team has been researching if the fish use oyster cages deployed by fishermen in the same way, and if these can also be considered essential fish habitats in the sound. My favorite part has been working with some outstandingly smart and extremely kind scientists. It was comforting to know that whenever I had a question or was curious about industry practice, someone was willing to answer it. I’m a pretty outdoorsy person, especially when it comes to the water. I enjoy fishing, sailing and swimming, so when it came time for me to choose a career path, marrying my interests of marine life and the sciences was a natural progression. I’m really interested in renewable energy and sustainable construction. I plan on claiming

my own share of the clean energy gold rush. I've been a brother of Tau Kappa Epsilon for two years, and served as the philanthropy and athletics chairman for the chapter. My favorite event raises money for Saint Jude's Children's Hospital. I love the student body at UMaine. Everyone I've met has been really interesting and enthusiastic about learning. I've visited a lot of colleges, and by far UMaine has the best students." See a post featuring Mauro on UMaine's [Facebook](#) and [Instagram](#) pages.

U.S. News & World Report again cites UMaine among nation's best

10 Sep 2018

The University of Maine is again among the best [U.S. News & World Report colleges and universities for 2019](#) in multiple categories. UMaine is listed in the U.S. News best national universities and top public schools. It also made the new lists of best undergraduate business and engineering programs, and high school counselor rankings. The U.S. News rankings follow last month's announcement that UMaine is again listed in Princeton Review's [The Best 384 Colleges: 2019 Edition](#). In July, the "Fiske Guide to Colleges 2019" listed the university as [one of the more than 300 "best and most interesting" colleges](#) in the United States, Canada, Great Britain and Ireland. Contact: Margaret Nagle, 207.581.3745

President's office hours begin this month

10 Sep 2018

President Joan Ferrini-Mundy's open office hours begin this month. The President's message to the University of Maine and University of Maine at Machias communities regarding office hours is [online](#), as is the [form](#) to request a 15-minute appointment.

Maine teachers, volunteers invited to participate in 'Code Your World' in October

10 Sep 2018

University of Maine Cooperative Extension 4-H is inviting teachers and volunteers from around the state to participate in the 11th annual [4-H National Youth Science Day](#) challenge by hosting the experiment in their school, after-school program, library or 4-H club throughout the month of October. This year's challenge, "Code Your World," is a four-part activity developed by Google and West Virginia University Extension Service to get youth, particularly novices, involved in computer science through hands-on activities focused on topics such as digital animation, gaming and dance. To learn more about getting involved, contact Greg Kranich, 207.581.3292, gregory.kranich@maine.edu; or Sarah Sparks, 207.353.5550, sarah.sparks@maine.edu; or complete this [form](#) to receive ongoing information. More information about UMaine Extension 4-H is available [online](#) or by calling 207.581.3877.

AP quotes Brewer in article on Kavanaugh nomination

10 Sep 2018

The Associated Press quoted Mark Brewer, a professor of political science at the University of Maine, in an article about Sen. Susan Collins and predictions on whether or not she will confirm the U.S. Supreme Court nominee Brett Kavanaugh. Sen. Collins told AP she will continue to wait until hearings are complete before making a decision, as she has in the past, and said she was surprised that many of her colleagues had already taken positions before receiving all the information. "There's a lot to like in that kind of a process," said Brewer, referring to the convention of senators taking a "more deliberative approach." The [Lowell Sun](#), Tampa Bay Times, Boston Herald, [Northwest Herald](#) and Essex Caller carried the AP article.

Undergrads showcase marine economy research, Wiscasset Newspaper reports

10 Sep 2018

[Wiscasset Newspaper](#) published a University of Maine Darling Marine Center news release about the third annual SEA Fellows Symposium. The August event featured the work of 22 undergraduate students and was attended by more than 80 scientists, industry professionals, resource managers and interested citizens. SEA (Science for Economic Impact and Application) Fellows is an undergraduate research and engagement training program that supports research related to Maine's marine economy, as well as the ecosystems and coastal communities that support it.

Press Herald interviews Yarborough about blueberry industry struggle

10 Sep 2018

The [Portland Press Herald](#) interviewed David Yarborough, a wild blueberry specialist with the University of Maine Cooperative Extension and a professor in the UMaine School of Food and Agriculture, for the article, "Maine's small wild blueberry farmers struggle on what they're raking in." Yarborough has worked with wild blueberry growers for 40 years, and witnessed three record harvests in a row that, while impressive and a point of pride, contributed to the drop in price per pound and the current market decline, according to the Press Herald. And he has seen the contributions of other factors to the industry's dire situation as well. "You can blame Canada, or you can blame cultivated, but you can't change what is going on in the world," said Yarborough. He said some growers are letting land grow fallow after a late frost in June damaged many fields and decreased the yield, which is usually 5,000 pounds per acre. "Even the large companies have some acres that are only yielding 2,000 pounds per acre," said Yarborough. "So they are just mowing the land." And processors told small growers last year that they wouldn't be able to buy this year's crops. "I feel for the small growers that have been doing this all their life and now they don't have any market for their berries," Yarborough said. "The question is, will the price come around to the point where it doesn't undermine their ability to operate?"

The Franklin Journal interviews Annis about mushroom foraging

10 Sep 2018

The Franklin Journal interviewed Seanna Annis, an associate professor of mycology at the University of Maine, for an article about mushroom foraging.

Foraging is increasing in popularity and can be a good way to take advantage of natural resources to diversify your diet, the article states. But when looking for any wild edible plants, especially mushrooms, proper identification is crucial for safety. The majority of mushrooms found are poisonous or simply don't taste good. Annis has led "fungal forays" and taught courses in mycology at UMaine since 1999. She offers identification services to UMaine Cooperative Extension, the Poison Control Center and members of the public, The Franklin Journal reports. "I am still learning new fungi all the time. I recommend if someone identifies something they think is an edible, that they check it with an expert BEFORE eating it," said Annis, who explained that many are so toxic that consuming a single mushroom can be fatal. There are many look-alikes in the mushroom world, so if a specimen varies at all from the exact description — for example, being too tall, a different color or growing in the wrong place — it is likely a different variety, according to the article. "My recommendation is do not eat it unless you are absolutely sure. I have identified some mushrooms over many years before I was sure enough of my identification to try eating them," Annis said. Edible wild mushrooms also must be cooked before consumption, regardless of variety. Annis gave a list of steps and techniques for collecting and identifying wild mushrooms, and recommended books for more information.

Conversation publishes op-ed by Socolow on violence against media

10 Sep 2018

[The Conversation](#) published an opinion piece co-written by Michael Socolow, an associate professor of communication and journalism at the University of Maine. The piece is titled, "Violence against the media isn't new — history shows why it largely disappeared and has now returned." San Francisco Chronicle, [WHYY](#), [MinnPost](#) and [Bangor Daily News](#) also published the article.

Media report on new Lobster Institute director

10 Sep 2018

[Wiscasset Newspaper](#) and [Fisherynation](#) published a University of Maine news release announcing the new director of the Lobster Institute. Richard Wahle, a UMaine marine sciences research professor, has been named director of the institute, effective Sept. 1. He succeeds Robert Bayer, who has directed the institute since 1995 and is retiring from UMaine this year. In his new role, Wahle plans to energize and expand the existing connections of UMaine's distinguished researchers and communicators to the lobster industry and resource managers in the state and region. Wahle also envisions the Lobster Institute as a major disseminator of information on new developments in research. [Mainebiz](#) and [SeafoodSource](#) also reported on Wahle's appointment, and [National Fisherman](#) published the SeafoodSource article.

Seacoast Online reports on lecture by Sockalexis

10 Sep 2018

[Seacoast Online](#) reported on a presentation by Chris Sockalexis, a master's student in quaternary and climate studies at the University of Maine. Sockalexis, who also is the historic preservation officer for the Penobscot Nation, gave the presentation "12,000 years in Maine" about the long history of indigenous people of Maine at Wells Reserve at Laudholm in Wells, Maine. Environmental changes like sea level rise, and modern infrastructure projects, are posing threats to historic sites important to indigenous populations, Sockalexis said. Examples include road and sewer projects threatening Native burial sites, and sea level rise eroding bedrock carvings and artifacts. He also spoke about shell middens, heaps of shells along the coast that provide evidence of human activity, which are an important resource for learning about past civilizations. "These shell heaps are just amazing for what they show us and tell us. We don't know how many may be lost to sea level rise already," said Sockalexis. "Every time I go out to one of these sites, I take a million pictures to see how they are eroding. I've been going there for 30 years." UMaine researchers are working to preserve the middens, Seacoast Online reports. Some burial sites were excavated in the early 1900s and remains were sent to Harvard University. Sockalexis and other tribal leaders in Maine have been requesting the return of the remains. "We want our ancestors back where they should be," Sockalexis said. "We have indigenous archaeologists from across the country working together. We're hoping Harvard will work with us to return them." Sockalexis, whose current research is focused on trying to prove cultural continuity through time, said that one of the most interesting archaeological finds was a dagger and a comb made 3,000 years apart, but with the same exact design. His lecture was followed by a demonstration of flint knapping, the ancient art of making stone tools, and a session of drumming and storytelling, the article states.

WABI covers Rogers Farm Field Day

10 Sep 2018

[WABI](#) (Channel 5) reported on a Field Day hosted by Master Gardener Volunteers at the University of Maine's Rogers Farm in Old Town. Participants enjoyed workshops, demonstrations, homemade food and guest speakers, WABI reported. Organizers said the event is a great opportunity for people to get gardening advice from area experts. "This is a great time of year to showcase the garden in its prime," said Kate Garland, a horticultural professional with UMaine Cooperative Extension. "The gardeners here — the Master Garden Volunteers — have volunteered countless hours to cultivate this outdoor classroom, and so we want folks to come in and celebrate the end of the season and the beauty of the season, and celebrate the great harvests that are happening, and learn as much as they can."

Libra Visiting Diversity Professor to lecture on inclusive excellence Sept. 26

10 Sep 2018

Inclusive excellence in academia and developing strategic leadership skills among the millennial and centennial generations will be the focus of a keynote address by the University of Maine 2018 Libra Visiting Diversity Professor. Damon Williams, a founding architect of the [inclusive excellence model](#) for postsecondary institutions, will join the UMaine community Sept. 26–27 as the 2018 Libra Visiting Diversity Professor. Williams will meet with students and student leaders, faculty and administration as part of an inclusive excellence residency, and will offer a public presentation, "From Awareness to Action, to Innovation: Empowering Leaders Through Inclusive Excellence," on Sept. 26 at 5 p.m. in the McIntire Room of the Buchanan Alumni House. The keynote address will highlight evidence-based best practices for achieving inclusive excellence in academia, a critical first step in motivating development of strategic leadership skills among the millennial and centennial generations. For more information on the event or to request a reasonable accommodation, call 581.3494. Williams is renowned for his work in diversity leadership, having consulted with more than 1,000 colleges and universities, Fortune 100

companies, private foundations and government agencies. As an educator, he established the Division of Diversity, Equity, and Educational Achievement at the University of Wisconsin-Madison, where he served as the associate vice chancellor, vice provost, and chief diversity officer from 2008–13. Williams co-founded the “Journal of Diversity in Higher Education,” a publication of the American Psychological Association, in 2008, and co-authored “The Chief Diversity Officer: Strategy Structure, and Change Management” (2013), the first publication to define the emerging role of CDO and to provide guidance on the development of diversity infrastructures in academia. He also has been recognized with numerous awards, including the 2017 University of Michigan Bicentennial Award of Leadership, the 2017 Western Reserve Academy Waring Prize, and the 2013 National Association of Diversity Officers in Higher Education Inclusive Excellence Award of Leadership. Williams’ UMaine residency has been organized by the Rising Tide Center in partnership with Academic Affairs, the Center for Innovation in Teaching and Learning, and the Inclusive Excellence Community of Practice Working Group, and with support from the University of Maine System Libra Professorships Fund.

Signed up for UMaine emergency alerts?

11 Sep 2018

With the start of the academic year, members of the University of Maine community are reminded to register to receive UMaine’s emergency notifications. The emergency notification system alerts the UMaine community to public safety issues, including inclement weather conditions causing class cancellations. Registration for text and/or email alerts is available [online](#). If you have already registered, watch for the test message of the emergency communication 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. For more information, write nagle@maine.edu.

UMaine researchers develop hazing prevention framework

11 Sep 2018

For years, hazing on college campuses has been an under-the-radar concern. Occasionally, especially when it results in death, hazing has received heightened scrutiny, both inside and outside higher education. But for the most part, it’s an issue that’s rarely discussed. In recent years, University of Maine professor of higher education Elizabeth Allan has been trying to change that. Her dual messages: Hazing is a bigger problem at colleges and universities than most people realize, and — perhaps more importantly — it is preventable. This month, Allan is out with new research that presents a first-of-its-kind framework for hazing prevention. It is the culmination of a three-year research-to-practice effort she has led through the Hazing Prevention Consortium, a group of eight universities, including UMaine, that collaborated on data-driven strategies to combat hazing. “We’re in the early stages of developing a knowledge base, so this is one of the first hazing prevention studies published in a peer reviewed journal, and the first study to delineate a data-driven framework for hazing prevention. The framework helps to provide some sort of common language or roadmap to guide practice when it comes to hazing,” Allan says. In 2008, Allan co-authored a study that painted the most complete picture to date of hazing in higher education. Based on a national survey of more than 11,400 students at 52 different institutions, the study found that 55 percent of students participating in campus organizations experienced hazing. While the numbers were higher for the usual suspects — athletics, club sports, fraternities and sororities — the research also found that hazing was prevalent in groups ranging from performing arts organizations, academic clubs and honor societies. Allan is lead author of the new paper, “Transforming the Culture of Hazing: A Research-based Hazing Prevention Framework,” published in the Journal of Student Affairs Research and Practice. In it, she and her co-authors outline eight components for institutions to focus on: commitment, capacity, assessment, planning, evaluation, sustainability, cultural competence and implementation. “We identified emergent themes or distinct components of the larger framework, but at the same time there is overlap in terms of the way they intersect to support the whole picture of prevention,” she says. Because the area of hazing research is so new, the prevention framework borrows from public health prevention models, many of which focus on the social and/or behavioral aspects of public health issues — smoking prevention or teenage pregnancy, for example. Efforts are targeted at multiple levels, from the individual to the broader community. “The different components can and should be carried out in conjunction with one another,” Allan says. “But you can place greater emphasis on different things at different times.” For instance, in the early stages of trying to tackle hazing prevention, she says campus professionals might want to focus on building capacity and getting commitment from senior leaders. But if they don’t pay attention to sustainability during that time, it could weaken the overall effort. The framework’s components are based on interviews and group meetings with representatives from the campuses involved in the Hazing Prevention Consortium, mostly student affairs professionals at their respective schools. However, Allan says an important takeaway from the research is the need to broaden the number of people involved in hazing prevention. “One person, like the coordinator of fraternity and sorority life, might have it in their job description to work on hazing prevention,” she says. “But it really should also be in athletics, student activities and other areas as well, so there’s more accountability.” Along with accountability, other key policy and practice takeaways from the research include transparency — making sure campuses are upfront about hazing, both before and after it occurs — and recognizing that different campuses have different institutional cultures and histories. “There’s no one-size-fits-all solution,” Allan says. “However, there are common threads. What the framework provides is structure, but a malleable structure.” To guide institutions in implementing the framework, the Hazing Prevention Consortium, along with the nonprofit campus safety organization Clery Center, developed a [toolkit](#) that defines each component, talks about why it’s important and provides action steps for campus professionals. “The toolkit is one way of getting this in the hands of people who are doing this work on college campuses to bolster their hazing prevention efforts,” says David Kerschner, doctoral student in higher education at UMaine and one of Allan’s co-authors on the new journal article. Kerschner, who received a Chase Distinguished Research Assistant award from the UMaine Graduate School to work on the Hazing Prevention Consortium, will also be co-author with Allan and StopHazing’s Jessica Payne on a forthcoming journal article that collects survey data on students’ experiences and attitudes about hazing at seven of the eight consortium campuses. That article is due to be published later this fall, also in the Journal of Student Affairs Research and Practice. Collecting survey data to inform prevention efforts helps with understanding of “what makes hazing different from other types of interpersonal violence on college campuses, as well as what makes hazing different from campus to campus,” says Kerschner, whose dissertation research is focused on hazing in small college, NCAA Division III athletics. In 2017, Allan started working with a new cohort of campus professionals from different colleges and universities on another three-year Hazing Prevention Consortium effort. Future research will analyze and collect data on each component of the framework, with the goal of publishing more journal articles and building the common language of hazing prevention. Contact: Casey Kelly, 207.581.3751

UMaine’s Sustainable Agriculture Program celebrating its 30-year anniversary Sept. 14

11 Sep 2018

The 30th anniversary of the University of Maine Sustainable Agriculture Program will be celebrated with a free barbecue and live music 3–7 p.m. Sept. 14 at Rogers Farm in Old Town. Alumni and community partners connected to the Sustainable Agriculture Program are expected to attend. UMaine began offering

a bachelor's degree in sustainable agriculture in 1988 — the first program of its kind in the United States. Wallace C. Dunham, then dean of the College of Life Sciences and Agriculture and director of the Maine Agriculture Experiment Station in the 1980s, committed the university to building an agricultural system that reduced reliance on purchased inputs and improved farm profitability, environmental quality and human health. Today, there are 28 students in the program, who will soon join a group of 122 alumni that includes leading farmers and educators working to promote sustainable agriculture throughout the world. For more information, see the [program's Facebook page](#) or email Eric Gallandt, gallandt@maine.edu.

University of Maine Museum of Art announces fall exhibitions

11 Sep 2018

The University of Maine Museum of Art has announced its fall exhibitions, running Sept. 14 through Dec. 29. Shelley Reed's "Second Nature" is a collection of black-and-white oil paintings that "highlight essential dualities and are imbued with profound messages related to fragility, power and life's uncertainties." Darren Emenau's "Olio" features handmade ceramic objects, from vessels to wall-oriented pieces, reflecting "unharnessed and playful explorations of form and materials." His works evoke elements of nature through unique hues and raised, cracked textures. "So Real" and "Animalistic" are exhibitions of selections from the museum's permanent collection. The museum is open 10 a.m.–5 p.m. Tuesday through Saturday, and is located at 40 Harlow Street in Bangor. Admission is free in 2018 thanks to Deighan Wealth Advisors. More information about the museum and its exhibits is [online](#).

Republican Journal advances organic dairy farm tour

11 Sep 2018

[The Republican Journal](#) reported the University of Maine Cooperative Extension and the Waldo County Extension Association will host a tour of Faithful Venture Farm in Searsmont. Members of the public are invited to take part in the tour and attend the association's annual meeting 5:30–7:30 p.m. Sept. 18. The tour and meeting are an opportunity to learn more about organic dairy farms and the many programs UMaine Extension offers, the article states.

POLITICO Magazine publishes article by Socolow on NYT op-ed

11 Sep 2018

[POLITICO Magazine](#) published an opinion piece by Michael Socolow, an associate professor of communication and journalism at the University of Maine. The article is titled, "The Times would have been crazy not to publish that op-ed."

Republican Journal reports on volunteer storm surge effort

11 Sep 2018

[The Republican Journal](#) reported volunteers with the Belfast Bay Watershed Coalition are working with a group of University of Maine researchers to monitor midcoast storm surge magnitudes with the goal of aiding future response efforts in coastal communities. Focusing on two recent bomb cyclone events, the citizen science effort involves collecting data and promoting public awareness, according to the article. Volunteers download data each month from sensors placed along the coast and email the data to UMaine's Kim Huguenard, an assistant professor in ocean and marine engineering; Laura Rickard, an assistant professor of communication, and graduate students involved in the project, the article states.

Boston Globe publishes U.S. News & World Report rankings

11 Sep 2018

[The Boston Globe](#) published a complete list of New England universities and colleges that were named on the recently released U.S. News & World Report rankings. The University of Maine is again among the best colleges and universities for 2019 in multiple categories. UMaine is listed in the U.S. News best national universities and top public schools. It also made the new lists of best undergraduate business and engineering programs, and high school counselor rankings.

Morse quoted in Civil Eats article on farmed scallops

11 Sep 2018

[Civil Eats](#) interviewed Dana Morse, an aquaculture researcher with Maine Sea Grant, for the article, "Farmed scallops are coming to a plate near you." Maine fishery experts believe sea scallop farming offers potential for diversifying the state's fisheries, as the Gulf of Maine grows warmer, putting the state's lucrative lobster fishery at risk, the article states. "Maine is a one-horse town when it comes to marine landing and value. Diversification is a wise idea because it adds economic strength and resilience," said Morse, who has been at the forefront of efforts to cultivate scallops in Maine. Morse said he knows close to 20 individuals over a dozen farms who are experimenting with scallop aquaculture.

Cammen speaks about marine mammals on Maine Public's 'Maine Calling'

11 Sep 2018

Kristina Cammen, an assistant professor of marine mammal science at the University of Maine, was a recent guest on [Maine Public](#)'s "Maine Calling" radio show. The show focused on the health of marine mammals in and around the Gulf of Maine.

University of Maine System to announce Sept. 12 a plan to increase nursing enrollment

11 Sep 2018

Chancellor James H. Page and the Presidents of the University of Maine System campuses will announce a five-year nursing workforce plan that aims to double nursing enrollment and bring nursing education into high-need, rural Maine communities at the Maine Council on Aging's 5th Annual Wisdom Summit in Augusta at 12:30 p.m. Sept. 12. **WHERE:** Main Auditorium, Augusta Civic Center, 76 Community Drive, Augusta, Maine, Maine Council on Aging's [5th Annual Wisdom Summit](#). **WHEN:** 12:30 PM, Wednesday, Sept. 12, 2018 **FACEBOOK LIVE:** The University of Maine System [Facebook Page](#) will stream the announcement live. Media outlets, community partners and health care organizations are encouraged to share the stream. **PRE-INTERVIEWS:** Campus or nursing program leaders will be available to conduct embargoed interviews with media outlets in Bangor, Portland and Presque Isle before the announcement pursuant to an embargo agreement that ends at noon Wednesday, Sept. 12. **BACKGROUND:** Maine faces a nursing workforce crisis that is projected to grow to 3,200 vacant nursing positions across the state by 2025. Nursing leaders have set a goal of graduating an additional 400 license-eligible nursing students each year as part of the strategy to address the shortage. The University of Maine System, which has been a partner in leading the state response, has been increasing nursing enrollment but must make investments and expand nursing education capacity to help meet Maine's need for new nurses.

Maine 4-H youth headed to Eastern States Exposition Sept. 14-30

12 Sep 2018

Approximately 60 Maine 4-H youth ages 10-14 and the animals they train are expected to participate in this year's Eastern States Exposition, or The Big E, in West Springfield, Massachusetts Sept. 14-30. Also attending Sept. 22-24 are 10 youth ages 12 and older who are on the Maine 4-H Communication Science Team. Top finishers from the April Maine State 4-H Public Speaking Tournament held in Orono earned a spot on the Maine 4-H Communication Science Team. The team will present demonstrations and illustrated talks, as well as group presentations and audience participation activities from the New England Center stage. An additional 32 4-H members will present science, technology, engineering and mathematics (STEM), and art activities in a demonstration area. These projects include wind power, Maine forest products, pollination and ice boat racing. Participants also will represent Maine in The Big E parade. For other Maine 4-H members, a Sept. 15 "Maine Day" bus trip to The Big E is scheduled. This gives new 4-H clubs or members an idea of what to aspire to in Big E 4-H competitions. At the expo, youth participate in competitions with other 4-H members from throughout New England. Those in animal husbandry demonstrate knowledge of their animals' anatomy, physiology, nutrition and management by participating in quiz bowls, knowledge exams, judging contests and skill-a-thons. Communication Science Team members demonstrate STEM projects to show fairgoers the depth and breadth of Maine 4-H. More than a million visitors attend The Big E annually. In past years, Maine youth who have participated in the event have gone on to become youth leaders in their breed registries and to compete in national shows, such as the North American International Livestock Exposition in Louisville, Kentucky. They also come back to their clubs and share their skills, knowledge and abilities with younger 4-H youth.

Call for proposals to support cultural events

12 Sep 2018

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 UMaine. The CA/DLS committee accepts applications four times a year. The next application deadline is Sept. 24 for projects starting on or after Oct. 22. Proposals must be submitted online using the [CA/DLS Grant Application Form](#). Past awards have supported lectures, 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](#).

UMaine mentioned in Republican Journal report on Maine Ocean School donation

12 Sep 2018

[The Republican Journal](#) reported the Maine Ocean School Foundation has received an anonymous donation of \$50,000 to help fund a new public magnet high school. Maine Ocean School in Searsport offers specialized tracks in marine science, transportation, engineering and management, according to the article. The school welcomed its first class of 11 students Sept. 4. Its operation is made possible, in part, through the support of community partners that include the University of Maine, Maine Maritime Academy, Cianbro, Maine Marine Trades Association, Front Street Shipyard, Mook Sea Farm and Friends of Sears Island, the article states.

Seacoast Online cites UMaine Extension in article on preserving summer harvest

12 Sep 2018

[Seacoast Online](#) mentioned the University of Maine Cooperative Extension as a resource in an article about food preservation as the summer winds down. Preserving food is not an art, but a science, the article states. Care must be taken to prevent food poisons, and certain older techniques for canning are no longer recommended, according to the article. To get up-to-date information, the article suggests checking with the University of Maine Cooperative Extension or visiting its [website](#).

Hutchinson Center to host voter education presentation, Republican Journal reports

12 Sep 2018

[The Republican Journal](#) reported the University of Maine Hutchinson Center in Belfast will host a nonpartisan presentation and discussion on voter education by Susan Hill on Sept. 26. All are welcome to attend the free event from 6 to 8 p.m. Topics will include voter registration, safe election procedures, voting districts, political party office locations, the list of offices and initiatives on the November ballot, and opportunities for involvement in the political process, according to the article.

Dill speaks with WVH about possibility of fewer ticks in hot weather

12 Sep 2018

Griffin Dill, an integrated pest management professional with the University of Maine Cooperative Extension, spoke with [WVU](#) (Channel 7) for a report about how this summer's hot weather might have led to fewer ticks. State researchers said they have seen a decrease in the number of deer ticks this summer and believe it could be because of the above-average temperatures, according to the report. "They remain in the leaf litter, kind of in an attempt to stay as hydrated as possible," Dill said. "It doesn't necessarily kill off the ticks, but it certainly reduces their activity, and the decrease in activity can potentially lead to a lower risk of people and pets encountering those ticks."

BDN publishes op-ed on Maine leadership by Silka

12 Sep 2018

The [Bangor Daily News](#) published the opinion piece "Maine leadership in changing times" by Linda Silka, executive editor of Maine Policy Review at the University of Maine. Silka is a professor emerita of the School of Economics and retired director of the Margaret Chase Smith Policy Center at UMaine. She is a member of the Maine chapter of the national Scholar 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.

Maine Public airs Warhola's talk on Russian foreign policy

12 Sep 2018

[Maine Public](#) aired a talk by James Warhola, a professor of political science at the University of Maine, as part of its "Speaking in Maine" program. At the Claremont Hotel in Southwest Harbor, Warhola discussed the core ideas driving Russian foreign policy in a talk titled, "What in the World is Russia Doing—and Why?"

Leslie helps design database to assess, guide ocean conservation efforts

12 Sep 2018

An international team of researchers, including Heather Leslie of the University of Maine, has released a new tool for assessing ocean conservation. [The Conservation Planning Database](#) project is a free, peer-reviewed online resource for conservation scientists and practitioners to understand how marine conservation has been approached in various places throughout the world. "This database gives the scientific community a way to assess trends in conservation planning methods and applications, so that we can learn from past work and shape new research and practice accordingly," says Leslie, director of the UMaine Darling Marine Center in Walpole. The database builds on decades of global ocean conservation history and brings together studies of marine protected areas and other area-based conservation measures. In the U.S., marine protected areas include marine sanctuaries, marine wildlife refuges, estuarine research reserves and ocean parks. "Great Salt Bay, just a walk from my house on the Damariscotta River estuary, was the state's first marine protected area," says Leslie, who also is the Libra Associate Professor in the School of Marine Sciences. Designation of Great Salt Bay as a protected area has highlighted its ecological and economic value, and also facilitated land conservation and local communities' engagement with the place, says Leslie. Residents and visitors come together each May to celebrate the return of the alewives to Damariscotta Mills, for example. "Since I first explored this estuary in the late 1990s, working with landowners to improve water quality, I've been intrigued by the power and promise of place-based conservation," Leslie says. "That interest led to my work on marine conservation planning, and ultimately, to my contribution in this project." Jorge G. Álvarez-Romero from the ARC Centre of Excellence for Coral Reef Studies (Coral CoE) at James Cook University in Australia, led the global study that seeks to lead to better marine parks by bridging critical gaps in marine conservation planning. The number of systematic conservation planning studies, used to determine which areas would be most useful in conserving marine biodiversity, are growing quickly, he says. Deficiencies, though, exist in the present system, says Álvarez-Romero. "There is no structured or reliable way of finding information on methods, trends and progress. There is little evidence of input from stakeholders," he says. "There are important gaps in geographic coverage and not enough work done on the areas most threatened by human impacts." For example, says Leslie, ocean areas that include the South European Atlantic Shelf, the West and South Indian Shelf, the South China Sea, and Eastern Caribbean have few or no documented planning exercises in the online database. While it may be that conservation activities in these places simply are not published in the peer-reviewed literature and haven't (yet) made it into this database, Leslie says the team's findings emphasize the need for increased attention to such threatened areas. "We know the number and total extent of protected areas will increase significantly during the next few decades," says Bob Pressey, JCU Distinguished Professor, chief investigator at Coral CoE and co-leader of the study. "The challenge is making this expansion count in terms of biodiversity conservation." The Conservation Planning Database and computer-based protected area design tools provide resource managers and stakeholders with opportunities to use best practices when planning marine protected areas. Morena Mills, conservation scientist at Imperial College London and co-leader of The Conservation Planning Database project, says a global database to track development, implementation and impact of conservation planning is urgently needed. So too, she says, is closer analysis of the literature, and continuous and comprehensive documentation of conservation-planning exercises. "The new database is a move toward a centralized repository of information of planning exercises and can advance conservation theory and practice." Contact: Beth Staples, 207.581.3777

Projects, student volunteers sought for month of service

13 Sep 2018

The Bodwell Center for Service and Volunteerism at the University of Maine is seeking projects and volunteers for a monthlong service initiative. To connect with national Make a Difference Day in October, the Bodwell Center is working with the local community to find projects such as cleaning, painting, gardening and assisting at events to be completed by students. By replacing the Welcome Weekend Day of Service, the initiative allows for more flexibility, offering volunteer opportunities at multiple dates and times for a variety of group sizes to involve all students and student organizations. Visit the [Volunteer webpage](#) to register or submit a project. For more information, contact the Bodwell Center at 581.3091 or email Lisa Morin at lisa.morin@maine.edu.

Annual Simpson Lecture to focus on climatic, cultural history of El Niño in Peru

13 Sep 2018

The climatic and cultural history of El Niño in Ancient Peru will be the focus of the 17th annual Geddes W. Simpson Lecture at the University of Maine on Sept. 19. Daniel Sandweiss, a UMaine professor of anthropology and climate studies, will give a lecture titled "Climate, Catastrophe, Collapse? Using

Climatic and Cultural History to Understand El Niño's Role in Ancient Peru" at 4 p.m. in the McIntire Room of the Buchanan Alumni House. The lecture, which is free and open to the public, will be followed by a reception. For more information or to request a reasonable accommodation, contact Melissa Maginnis, 581.2806. El Niño, the climatic anomaly that affects weather around the Pacific basin and beyond at irregular intervals, often spells catastrophe. This is especially true for Peru, where El Niño brings torrential rains to destroy crops and infrastructure on the desert coast. The presentation is part of the Geddes W. Simpson Lecture Series, made possible by a fund established at the University of Maine Foundation in 2011 by Simpson's family. 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.

BIC cites UMaine Extension survey in article on horse ownership costs

13 Sep 2018

[Bank Investment Consultant](#) cited a University of Maine Cooperative Extension survey in an article about financial planning around equestrianism. The [survey](#) found owning a horse costs about \$3,876 a year, the article states.

WABI covers free speech panel discussion

13 Sep 2018

[WABI](#) (Channel 5) reported on a free speech panel discussion featuring University of Maine faculty, staff and a student. The panelists spoke about how free speech has changed over the years and what rights students have when it comes to speeches, protests and more, [WABI](#) reported. Kirsten Daley, a student panelist, talked about encouraging students to reach out and push for resources and support. "Giving a voice to both the student perspective and the administrative perspective, those are very important, and I think they often have a very big disconnect, so being able to get them in the same room I think is a good step forward," Daley said. Part of the event included a discussion about the differences a public university faces compared to a private university, especially when outsiders come on campus to promote ideas others find hateful and offensive, the report states. "I hope the takeaway is you can have a civil discourse and absolutely disagree and agree to disagree and keep having the conversations that are important to have, not only for themselves but for everyone around us, and to create that culture of civil discussion," said Kenda Scheele, assistant vice president for Student Life at UMaine.

Schwartz-Mette discusses role of school counselors on Maine Public's 'Maine Calling'

13 Sep 2018

Rebecca Schwartz-Mette, an assistant professor of psychology and director of the Peer Relations Lab at the University of Maine, was a recent guest on [Maine Public's](#) "Maine Calling" radio show. The show focused on the role of school counselors in the state.

Williams visits WABI to preview Collins Center for the Arts' 2018-19 season

13 Sep 2018

Danny Williams, executive director of the the Collins Center for the Arts at the University of Maine, visited the [WABI](#) (Channel 5) studio to speak about the CCA's 2018-19 season. Blackberry Smoke, a southern rock band, will help kick off the season with a performance Sept. 14, according to Williams. "We try to have both breadth and depth in terms of our programming," Williams said of the season that includes musical groups, theater, children's shows and comedy. "There's a little something for everyone and that's what we're going for."

UMM to launch accelerated program to boost nursing enrollment, media report

13 Sep 2018

[Portland Press Herald](#), [Bangor Daily News](#), [Maine Public](#), [Mainebiz](#), [News Center Maine](#), [WABI](#) (Channel 5), [WVII](#) (Channel 7), [WMTW](#) (Channel 8 on Portland) [Fiddlehead Focus](#), [Kennebec Journal and Morning Sentinel](#) reported on the University of Maine System's plan to double its nursing enrollment over the next five years. The plan includes adding 1,000 new slots for students wishing to pursue a nursing degree online, the reports state. Health care leaders are working to attract 250 new nurses to Maine, and are partnering with the state's colleges and universities to graduate an additional 400 license-eligible nursing students each year to counteract 3,200 vacant nursing positions expected across the state by 2025, a deficit that will hit hardest in rural Maine, University of Maine System Chancellor James Page said. As part of the plan, the University of Maine at Machias will launch an accelerated nursing degree program, media reported. The plan hinges, in part, on a bond issue this November that would authorize \$49 million in funds to the university system for infrastructure improvements, according to Maine Public. MSN News carried the BDN article.

Caring for backyard poultry in winter with UMaine Extension

14 Sep 2018

University of Maine Cooperative Extension in Piscataquis County is holding a poultry workshop for prospective and beginning small-scale meat and egg producers. The program will be offered twice on Sept. 20, 9:30 a.m.-noon and 6-8:30 p.m., at the UMaine Extension office in Dover-Foxcroft. Workshop topics will include poultry breeds, year-round housing, health and nutrition, demonstrations of various waterers and lighting options, and ideas for do-it-yourself poultry equipment. Extension educator Donna Coffin and UMaine Extension livestock specialist Colt Knight will lead the workshop. The program is free; online registration is required. An optional book, "Storey's Guide to Raising Chickens," can be ordered for \$20. For more information or to request a reasonable accommodation, contact 564.3301; extension.piscataquis@maine.edu. More information also is [online](#).

New Extension associate will assist Maine's seaweed sector

14 Sep 2018



[caption id="attachment_62828" align="alignright" width="223"] Jaclyn Robidoux[/caption] Maine Sea Grant and the University of Maine Cooperative Extension have announced the appointment of Jaclyn Robidoux of Kittery, Maine, as Marine Extension Associate. Based in the Portland area, Robidoux will establish connections with the various stakeholders involved in Maine's seaweed resources. Robidoux is completing a master's degree in marine biology at the University of New Hampshire. Her graduate research, supported by New Hampshire Sea Grant, focused on laboratory culture methods and growing technology for kelp and a species of nori, *Wildemanian amplissima*. Robidoux has worked with the U.S. Fish and Wildlife Service, conducting surveys of seabirds on islands managed by the Maine Coastal Islands National Wildlife Refuge, and related outreach and education programs. She has experience in fisheries operations and implementation and maintenance of data collection technologies. Robidoux brings her skills and enthusiasm to the Maine Marine Extension Team (MET), a partnership between Maine Sea Grant and UMaine Extension. As a member of the MET, Robidoux's responsibilities include assisting coastal communities with questions, concerns and information needs about a broad range of coastal issues. With additional support from Broad Reach Fund and the National Sea Grant College Program, Robidoux will primarily focus on supporting ongoing and applied research efforts to understand and expand the current capacity of Maine's seaweed industry. Robidoux can be contacted at jaclyn.robidoux@maine.edu or 581.1435.

Update: Rangeley Road paving rescheduled

14 Sep 2018

Paving on Rangeley Road off the Park Street campus entrance has been rescheduled to begin 6 p.m. Tuesday, Sept. 18 and be completed Wednesday morning, Sept. 19. During this time, the outbound lane of Rangeley Road will be closed to traffic. The inbound lane will remain open. All construction and road improvements related to the newly installed roundabout at the Park Street entrance are expected to be completed by Oct. 1.

UMaine community welcomes new international students, faculty and visiting researchers

14 Sep 2018

The University of Maine's already vibrant international community includes 99 new faces this fall. UMaine's reach as the Maine flagship has grown globally to now include new students from such countries as Liberia, Nepal, Serbia, Lebanon and Qatar. Thirty-nine new international faculty and visiting researchers also are on campus to pursue collaborations with UMaine scholars. Many are experiencing United States culture for the first time, while others, due in part to an increase in international transfer students, will simply be making the adjustment to Maine and community life. "We are thrilled to have students and staff members from such diverse backgrounds join the UMaine community," said Orlina Boteva, UMaine director of international programs. "Our ability to attract individuals from almost every continent creates unique cultural opportunities in small town Orono that are unmatched in the state." The Office of International Programs recognized the new members and allies of the international community in a welcome assembly Sept. 7, which included remarks by Executive Vice President for Academic Affairs and Provost Jeffrey Hecker, Assistant Vice President and Senior Associate Dean of Students Kenda Scheele, and Orono Town Council Chair Cynthia Mehnert. "UMaine's international community enriches the educational experiences of all UMaine students," Hecker said. "We are a better university because of our international colleagues. The goal is to make the University of Maine the international students' home away from home." Vice President for Enrollment Management R. Lizzie Wahab added her welcome with care packages to all international students. "I am delighted to begin my new position at Maine in such good company with students and scholars from all over the world," she said.

HLN airs interview with Bartram for report on adventure education

14 Sep 2018

[HLN](#) aired an interview with Chris Bartram, coordinator for Maine Bound Adventure Center at the University of Maine, for a report about adventure education. Bartram described adventure education as learning the philosophy, technical skills and all of the academic components that go into leading others in the outdoors. "It allows you to learn about why you do what you do without just blindly going out and recreating without a purpose," he said. The segment also included footage of Maine Bound trips.

BDN publishes op-ed by higher education grad student

14 Sep 2018

The [Bangor Daily News](#) published the opinion piece, "How a Maine university is addressing pressing social issues," by Jules Hathaway, a mother of three who has just started her first year in UMaine's higher education program. Hathaway, who works at UMaine's Wells Dining Commons, wrote about the steps UMaine Dining services is taking to help solve pressing social and environmental problems. MSN News also published the article.

Maine Public, WVII interview Allan about hazing research, prevention toolkit

14 Sep 2018

[Maine Public](#) and [WVII](#) (Channel 7) spoke with Elizabeth Allan, a professor of higher education leadership at the University of Maine, about her hazing research. For more than a decade, Allan and her colleagues have been looking at college hazing, and recently released a paper and toolkit intended to help colleges take steps to prevent it, Maine Public reported. "We do have a long way to go in terms of educating, building awareness and building the skills for students and others in the campus community to recognize signs of hazing when it does occur, so that we can intervene before we get to be dealing with a tragic situation," Allan said. "There isn't a one-size-fits-all approach," Allan told WVII. "You really have to look at the individual school or the campus and see where the problems are most evident."

From south to north, young lobsters find cool refuge in deep water

17 Sep 2018

Maine fishermen hauled in 110.8 million pounds of lobsters in 2017 with a value of more than \$400 million. While still incredibly large, this volume represented a 16 percent decline and \$100 million loss compared to previous years of record-setting landings. Since the late 1980s Maine's lobster landings have multiplied six fold, while the area of highest landings has shifted Down East to Hancock and Washington counties. The U.S. lobster fishery is now the nation's most valuable single-species fishery. But last year's decline was the largest in more than 50 years, leading the industry and scientists to wonder whether the boom has come to an end. The patterns are consistent with forecasts based on juvenile lobster population surveys founded and overseen by Richard Wahle in the University of Maine School of Marine Sciences. In 1989, Wahle initiated data collection for the American Lobster Settlement Index, a program that monitors the number of baby lobsters that "settle" to the sea floor every year. Counts are made at some 100 sites from Rhode Island to Atlantic Canada. "These lobsters will reach harvestable size in about six to nine years, and so the index can provide a useful bellwether for things to come," says Wahle. While the monitoring is now conducted by participating marine resource agencies in the U.S. and Canada, Wahle's lab hosts the collective database, developing and testing the index as a forecasting tool. "Between 2005 and 2008 were years of peak settlement which we think drove the upsurge in landings. Since then settlement has fallen off considerably across the Gulf of Maine, and 2017 was also well below average," Wahle says. There are two prevailing explanations for such little settlement, he says. One is that more larval lobsters are dying before they reach the settlement stage. The other is that they are not so much dying as spreading to new deep-water nursery grounds not covered by current monitoring efforts. Support for the idea that lobster larvae are dying faster comes from a recent study published in the July issue of the Bulletin of Marine Science, linking declines in lobster settlement to changes in the marine food web. Joshua Carloni of New Hampshire Department of Fish and Game, Wahle, and two other co-authors report findings suggesting larval mortality may be up because the supply of their favorite food is down. They observed strong correlations in the abundance of tiny planktonic crustaceans called copepods with the abundance of the lobster's final planktonic larval stage, as well as the Settlement Index. These findings were first presented at the 11th International Conference and Workshop on Lobster in Portland in June 2017 and hosted by UMaine. "The other possible reason for the decline is that larval settlement has spread out across a larger range of depths, effectively reducing settlement densities in the routine shallow-water monitoring locations," says Wahle. Warmer temperatures in the Gulf of Maine have expanded the area of optimal habitat for young lobsters, which transition out of the larval stage and settle to the bottom at temperatures of 12 C (53 F) or higher. "Under this scenario the observed declines in settlement could be misleading if settlers are spreading over a larger area of suitable habitat not included in the monitoring program," says Wahle. To understand settlement in deep water out of reach of standard diver-based sampling, Wahle received funding from Maine Sea Grant in 2016 to expand the settlement survey to deeper water. His specific aim was to examine links between temperature gradients and lobster settlement, both depth-wise and along the coast. Working with research partners and lobstermen Curt Brown of Portland and Norbert Lemieux of Cutler, Wahle deployed collectors (wire mesh trays full of rocks) over a range of depths in two oceanographically contrasting segments of Maine's coast: off Casco Bay in the west and Machias Bay in the east. The team also collaborated with the ventless trap monitoring program run by the Maine Department of Marine Resources to follow the movements of young lobsters as they grow. Their results to date confirm newly settled lobsters as deep as 80 meters, but they saw consistent differences in patterns from east to west. Taken together with DMR's ventless trap data, their results suggest that in the west where the shallows warm while the deeps stay cold, larvae settle shallow and then spread to the depths as they grow. In the east, where temperatures are more uniform surface to bottom, settlers spread more evenly over all depths and that pattern is mirrored in the catch of older lobsters. "We know now they are able to settle deep, especially in northern areas, but we're not sure how typical it is, because we only have a two-year snapshot of deep-water settlement," says Wahle. "We know there was an eastward expansion of settlement starting around 2005, likely related to warming conditions, but the question is whether an expansion of settlement into deep water also contributed to the boom in landings." Wahle is now looking to see if accounting for expanded settlement habitat in the Settlement Index, which is now based only on the shallow monitoring sites, will give a more optimistic forecast of future lobster populations. Ready Seafood Co. has contributed financial resources to continue the deep-water settlement monitoring for another two years.

"At Ready Seafood, we are excited to be a part of a research project that is improving our understanding of Maine's lobster resource," says Brown, who also is the staff scientist at Ready Seafood. "Lobster is the lifeblood of Maine's marine economy and we see this project as an investment in not only the future of our company, but the future of our industry."

"Working with Dr. Wahle and the UMaine crew has benefited our business at all levels," Brown says. This project has really resonated with our entire team, to the point where every October our entire staff and all our customers gets excited to see what will come up in our collectors." Wahle says it's very gratifying to know the industry finds this information useful — useful enough to want to invest in it. "This is filling a critical data gap," he says. The deep-water settlement monitoring will continue through 2019. For more information about the American Lobster Settlement Index is [online](#). Contact: Catherine Schmitt, 207.581.1434

VEMI Lab to celebrate 10th anniversary with conference, barbecue

17 Sep 2018

The success and growth of the Virtual Environment and Multimodal Interaction Laboratory (VEMI Lab) over the past 10 years has been possible thanks to the hard work and dedication of its students. To celebrate a decade of VEMI, the lab is hosting the VEMI 10 Conference at Buchanan Alumni House from 10 a.m.–3 p.m. Friday, Sept. 21. The conference will highlight the successes of VEMI alumni through a series of presentations and lively panel discussions about how their experience at VEMI influenced their subsequent career and workforce opportunities. Seating is limited and will be on a first come, first served basis. A less formal celebration and barbecue, open to VEMI alumni and their families, will be held at the lab in Carnegie Hall from 11 a.m.–3 p.m. Saturday,

Sept. 22.

Hutchinson Center to present art exhibit by Finch, Republican Journal reports

17 Sep 2018

[The Republican Journal](#) reported the University of Maine Hutchinson Center in Belfast will present an exhibit by local artist Jerri Finch. Finch will present a talk on her life and body of work during an opening reception 5:30–7:30 p.m. Oct. 12 at the center’s Fernald Gallery. The free exhibit will continue through Dec. 2, according to the article.

News Center Maine interviews Peace & Justice Center intern about campaigning to end violence

17 Sep 2018

[News Center Maine](#) spoke with University of Maine student Jamie Pratt for the report, “Maine youth work to end injustice and violence, at home and abroad.” More than 35 organizations joined forces in downtown Bangor as part of the Campaign Nonviolence Week, according to the report. Pratt said she began interning at the Peace & Justice Center of Eastern Maine after seeing inequality and poverty firsthand in South Africa. She said she wants to devote her life to helping and educating others.

Boothbay Register advances marine scientist’s talk at DMC

17 Sep 2018

[Boothbay Register](#) reported marine scientist Karina Nielsen will speak Sept. 24 at the University of Maine’s Darling Marine Center in Walpole. Nielsen will present a “brown-bag” seminar titled, “Bringing an ocean perspective to an urban estuary,” at 12:15 p.m. Nielsen is the director of San Francisco State University’s Estuary and Ocean Science Center. Her interdisciplinary research focuses on how environmental conditions and human activities, including conservation and management policies, influence marine life and ecosystem health, according to the article. Nielsen will discuss how the ecosystem of science, monitoring and protection of San Francisco Bay influences the ecology and stewardship of one of the most heavily modified, monitored and managed estuaries on the planet, the article states.

UMaine potato variety mentioned in Press Herald article on baked potatoes

17 Sep 2018

The [Portland Press Herald](#) mentioned a potato variety developed by the University of Maine in the article “Pack your potato skin like a jacket, English pub-style.” The article lists the Caribou Russet, a variety developed by UMaine and released for the seed market, as a good variety of baking potato to use in an English-style jacket potato recipe. Jacket potatoes are a good way to use leftovers that otherwise would go to waste and turn them into a healthy, satisfying meal, the article states.

NJ.com, The Ripon Advance cite UMaine study in report on anti-hazing bill

17 Sep 2018

[NJ.com](#) and [The Ripon Advance](#) cited a 2008 University of Maine study in articles about U.S. Rep. Leonard Lance of New Jersey becoming the lead sponsor of the Report and Educate About Campus Hazing Act. The bipartisan legislation will require incidents of hazing to be reported as part of a college’s annual crime report so that such information is public record, according to the articles. The national study, which was conducted by researchers Elizabeth Allan and Mary Madden, sampled 11,000 college students and found 55 percent of students experienced some form of hazing, but 95 percent of the respondents never reported hazing to school officials or authorities, the articles state.

Franklin Journal quotes Smith in report on Farmington Fair

17 Sep 2018

The [Franklin Journal](#) quoted Judy Smith, a community education assistant with University of Maine Cooperative Extension, in a report about the Farmington Fair’s opening day. The annual fair opened Sept. 16 and involved many events, including children’s activities. There was a costume contest for 3- and 4-year-olds, open to all children and not just 4-H participants. “It’s something for the younger age group, those not interested in working with animals,” said Smith.

Maine Public interviews Leslie about new ocean conservation database

17 Sep 2018

[Maine Public](#) interviewed Heather Leslie, director of the University of Maine Darling Marine Center in Walpole, about a new ocean conservation database she helped create. Leslie worked with a team of researchers to design the Conservation Planning Database after realizing there was no central location to share information about ocean conservation, Maine Public reported. “This is something that a large team of scientists from all over the world have been working on for going on 20 years now,” Leslie said. The peer-reviewed database, intended to help people all over the world learn about and solve marine issues, is free and open to the public, and is available [online](#).

Dill speaks with BDN about hornworms

17 Sep 2018

Jim Dill, a pest management specialist with University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) for the article, “Hungry, hungry

hornworms are the bane of Maine gardeners.” “Things will be going along great,” Dill said. “Then all of a sudden it’s like, what happened to my tomato plants?” If the evidence presents as chewed or missing leaves, denuded stems or holes in the tomatoes, the culprit is likely the “tomato” or “tobacco” hornworm, the caterpillar stage of the sphinx moth, according to Dill. In the hornworm life cycle, it’s the final instar larval stage, according to Dill, and tomatoes are their food of choice. One way to get rid of the worms is to spray plants with soapy water, the BDN reported. Dill suggested either using the worms as fishing bait or plucking the worms and tossing them as far away from the plants as possible. “It’s sort of like catching a woodchuck and relocating it,” Dill said. “They won’t find their way back to the plants.”

New York Times cites More in article on Europe’s past frozen in Swiss ice

17 Sep 2018

Alexander More, a historian and climate scientist at Harvard University and the Climate Change Institute at the University of Maine, was quoted in the [New York Times](#) article, “Europe’s triumphs and troubles are written in Swiss ice.” As plague swept through Europe in the mid-1300s, wiping out more than a third of the region’s population, pollen from the plants, trees and crops growing in Western Europe were swept up by the winds and carried toward the Alps, according to the article. Centuries later, the crop pollens trapped in a glacier reveal the collapse of agriculture associated with the pandemic, as bad weather led to poor harvests and fields lay fallow because there was no one left to work them, the article states. Although poets, landowners, chroniclers and others have noted these historical events, manual record-taking can be imperfect and limited in geography, and they don’t quantify their scale over the whole region, the NYT reported. Coupling ice-core data with historical records can yield new insights, More said. “The combination provides a level of insight that is just not matched by either type on their own,” he said.

Tierney featured in Vanderbilt Television News Archive 50th anniversary video

17 Sep 2018

Amber Tierney, an assistant professor of sociology at the University of Maine, was interviewed for a Vanderbilt Television News Archive video as part of their 50th anniversary celebration. Tierney spoke about using data from the Archive for her research, which focuses on social and criminal justice and how activists leverage the media to press for social and political change.

Journal of Extension publishes piece by Wilson, Lobley, Kranich

17 Sep 2018

The [Journal of Extension](#)’s Special Issue on Innovation 2018 (Sept. 2018, Vol. 56, No. 5) published an article by University of Maine Cooperative Extension staff members Laura Wilson and Gregory Kranich, 4-H science youth development professionals, and Jennifer Lobley, an Extension professor of volunteer development and 4-H. The title of the article is “Follow a Researcher: Using Innovative Technology to Connect Youths and Scientists.”

Barkan publishes new book

17 Sep 2018

Steven Barkan, professor and interim chair, Sociology, [Race, Crime, and Justice: The Continuing American Dilemma](#), New York: Oxford University Press (2018).

Lord Hall to host closing reception for two exhibits

18 Sep 2018

Lord Hall Gallery at the University of Maine will host a closing event Friday, Sept. 21 for two current exhibitions that speak to historical and contemporary human concerns. Members of the public are invited to attend an artists’ reception and gallery talk 5:30–7 p.m. in Lord Hall Gallery for “devolve,” installations by Andy Mauery, and “Blue Traumas,” cyanotypes by elin o’Hara slavick. Mauery, a UMaine associate professor of art, and o’Hara slavick, a professor of art at the University of North Carolina at Chapel Hill, will speak about specific pieces included in the exhibitions, and the foundational concepts and processes of their creative practices. More information about the exhibits is [online](#).

WVII reports on controlled burn for training and research

18 Sep 2018

[WVII](#) (Channel 7) reported the University of Maine partnered with the Maine Forest Rangers to conduct a controlled burn in the Penobscot Experimental Forest in Bradley on Sept. 17. Two plots of land were intentionally set ablaze as a training exercise for local firefighters, to test new equipment and for sustainability research. Researchers are investigating different ways to reduce the fuel load, or amount of flammable material, and studying what happens over the long term as the forest grows back, WVII reported.

VillageSoup previews Hutchinson Center grant writing program

18 Sep 2018

[VillageSoup](#) previewed a Grant Writing Certificate Program Oct. 1–5 at the University of Maine Hutchinson Center in Belfast. The intensive program is intended for nonprofit leaders, executive directors, municipal officials, board members and others interested in crafting high-quality grant proposals for their organizations, VillageSoup reported. The cost of the program is \$495; need-based scholarships are available. Participants will earn a University of Maine Certificate in Grant Writing, and continuing education units (CEUs) and contact hours are available. For more information or to register online, visit hutchinsoncenter.umaine.edu or contact Diana McSorley, 338.8093, diana.mcsorley@maine.edu.

BDN speaks to Kirby, Dill about pest management for changing seasons

18 Sep 2018

The [Bangor Daily News](#) spoke to Clay Kirby, an associate scientist and insect diagnostician with the University of Maine Cooperative Extension, and Jim Dill, a pest management specialist with UMaine Extension, for the article “What you can do when bugs and rodents move in for the winter.” When temperatures begin to drop with the arrival of fall and winter, bugs and other animals can move into people’s houses to seek shelter. The article offered recommendations for managing infestations of several of these unwelcome visitors, including ladybugs, fruit flies, cluster flies, mice, bats and spiders. “You can get a cluster of [ladybugs] on the side of a building or a house,” said Kirby. “But if they find a crack or any opening or crevice, they are going to come inside to the warmth.” Kirby recommends sealing up any cracks and scooping up ladybugs with a dustpan to remove them. “That bowl of apples might look good sitting on the counter this time of year, but if they get a little soft or get a bruise on them, it doesn’t take much [to attract fruit flies],” said Dill. Fruit flies can be kept away by keeping all produce and trash covered and setting out store-bought traps or homemade traps using plastic bottles. And mice can be discouraged by keeping the home clean and secured, according to Dill. “Clean up garbage and food materials so they are not available for rodents. You should also go around your house and look for any and all small cracks and crevices that they can use to get in,” he said. If mice do enter the house, traps can be set where they are most active, the article states.

Press Herald interviews Wahle about research on baby lobsters in deep water

18 Sep 2018

The [Portland Press Herald](#) interviewed Richard Wahle, a professor in the University of Maine School of Marine Sciences and director of UMaine’s Lobster Institute, for an article about his recent research on settlement of juvenile lobsters. The American Lobster Settlement Index, a program hosted by Wahle’s lab, has monitored the number of baby lobsters that settle on the ocean floor every year since 1989. Concerns about declining settlements of baby lobsters in warmer, shallow water monitored sites prompted researchers to address the question of whether or not this was a sign of declining health for the lobster fishery, according to the article. “We couldn’t find the settlers. Increasingly, we found they weren’t showing up where we had always found them,” said Wahle. But there was no corresponding decline in the catch, leading Wahle to search elsewhere for answers. Wahle’s recent research shows that baby lobsters appear to be moving to deep-water habitat instead. While they usually are found at test sites 32 feet deep, they have now been found more than 250 feet below the ocean surface, and many more in waters off the coast of Cutler than in Casco Bay, the Press Herald reports. “Eastern Maine used to be a settlement desert,” said Wahle. “Not anymore.” And while computer models have predicted a 40 to 62 percent decline in the population of lobsters in the Gulf of Maine in the next 30 years, the newly discovered deep-water settlements suggest the population is much healthier. Wahle said he needs to collect more data in the coming years to confirm his theory about the migrating baby lobsters. The research was funded by Maine Sea Grant and later, by Ready Seafood Co., the article states. The Associated Press, [Undercurrent News](#) and [Maine Public](#) also reported on Wahle’s research; [U.S. News & World Report](#) and the Columbus Ledger-Enquirer carried the AP report. [Wiscasset Newspaper](#) published a UMaine news release about the research.

Jon Velishka: From education major to soldier and back to the classroom

18 Sep 2018

Lt. Col. Jon Velishka takes another sip of coffee. When giving a 9 a.m. lecture to University of Maine graduate students on complex issues of national security and foreign policy, it helps to be well caffeinated. “You have to come back to a framework,” Velishka tells the class. “You have to come back to something that keeps you grounded.” Velishka is helping teach this graduate-level course on the potential reunification of the Korean Peninsula with Peter Madigan, a lecturer in the School of Policy and International Affairs. Throughout the semester, the students will develop a strategy for addressing the various scenarios that might play out in real life, affecting millions of lives in North and South Korea. But for now it’s week two, and Madigan and Velishka are hammering on the idea of organizing one’s thinking. “First, you have to define the problem,” Velishka says. “Identify all of the elements of the problem, then develop an approach.” Velishka is back at UMaine a little more than 25 years after he first set foot on campus as an undergraduate student in secondary education in the College of Education and Human Development. During his time as a Black Bear he was on the track team and in the Army ROTC. He was a junior when he decided to join the Maine National Guard, which led him into the active duty Army, and what’s now a 20-plus year military career. His service has included several overseas deployments, including during Operation Iraqi Freedom from 2003 to 2004. “That was probably the most boots-on-the-ground deployment, where I really got to interact with civil society in Iraq — everything from schools to public works,” he says. When he returned to the U.S., Velishka was stationed at the National Training Center at Fort Irwin, California where he coached and trained fellow soldiers how to conduct counter insurgency operations and provide artillery fires, along with preparing them to conduct negotiations and engagements with Iraqi civilians. “It was really three years of me being able to observe, coach and teach, which was awesome,” he says. He deployed back to Iraq in 2008, and also has served in Afghanistan, Kuwait, and most recently, the Republic of Korea. Between deployments, Velishka managed to earn three master’s degrees — one in management and leadership from Webster University — one in national security and strategic studies from the U.S. Naval War College and one in national security strategy from the National Defense University’s National War College. Throughout his military service, he has leaned on his skills as an educator in a variety of leadership positions. “Leadership is education,” says Velishka. “A leader or an educator needs to continue to learn and grow to effectively lead and educate their team as in a classroom.” In the spring, Velishka will return to the Korean Peninsula for another assignment, leading more than 3,000 American soldiers stationed in South Korea. In the meantime, he’s glad to help his friend Madigan teach a class on some of the very issues he’ll face on the ground. Velishka and his wife, Tiffany, have two children — Arthur and Julia. When he decides to retire from the Army, he says they hope to settle in Maine, where he has great memories of his time as a Black Bear. “Just the support I received in terms of deciding to join the Army halfway through my junior year, to the continuing friendships I have with people from my fraternity brothers, the track team, ROTC,” Velishka says. “My best friends in the world are from UMaine. I’m just so thankful to continue to be involved with this community.” **Where did you grow up?** North Andover, Massachusetts. That’s where I probably got the education bug. My mom was a teacher at North Andover High School, Andover High School and at The Pike School, which is a private school there. Growing up, I had a couple really cool coaches and teachers. So I always expected to come to UMaine, be on the track team, and study to be a teacher, then go back to North Andover and be a track and football coach and go that route. Then I fell in love with Maine. **What was your major at UMaine and when did you graduate?** I graduated in May 1997 with a bachelor’s degree in secondary education with a concentration in social studies. So, along with my core education coursework, I took classes in political science and social studies. **How did you go from an education major at UMaine to the Army?** Like many kids I was paying for college myself, and I was thinking, “How can I do this better?” I was thinking of joining the Marine Reserves. But then I talked to Jack Mosher, who at the time was a captain and would later become a colonel in the Maine National Guard. He was also the live-in adviser for the Beta Theta Pi fraternity, where I’m a brother. So then my plan morphed to be in the Maine National Guard and become a teacher in Maine somewhere, particularly as I did my student teaching at schools in Hermon and Glenburn. My adviser in the College of Education, Connie Perry, and former dean Anne Pooler were fantastic

role models as well. They really let me explore my own path. After joining the National Guard and going through basic training, I came back and was still pursuing my education degree here when I joined the Army ROTC. That's when I really started to feel like I might like to pursue a career in the military. **Did you work closely with any other mentor professors or role models who made your UMaine experience better?** Lt. Col. Jeff Wright and Capt. Carl Reed with the Army ROTC at UMaine — they were great coaches and mentors — and Jim Ballinger and Rolland Ranson, who coached track and field. That team of mentors has been something I've tried to emulate for the last 20 years essentially. **During your military career, how have you applied what you learned as an undergraduate student in education?** I didn't realize at the time, but education and the military are very similar. A lot of what we do in the military is growing and developing people, which is a lot like teaching. I feel I am able to relate really well with that college-age student population, which is similar to the demographics of soldiers in the military. If I were to equate what I've done in my career to a teacher, for the first few years you have to work really hard on your tradecraft, become a tactical expert, and then after a few years you're able to see how your tradecraft fits into other elements of the big picture. So for a teacher, first you have to work really hard to set up your classroom, know and rehearse the delivery of the curriculum. Then you start to learn more about your students and really try to hone and improve their critical thinking skills. You also begin to realize that not everyone learns the same way — some people like a picture, some people like to read, some people like a hybrid. So over time, whether you're a high school teacher or someone like me, working with every rank of the military, you learn to condition yourself so you know how to best communicate with people, so they can process and understand the information you're giving them and use it to learn or make decisions. **How would you describe the academic atmosphere at UMaine?** It goes back to the core group of mentors I was telling you about. I was allowed to push on the doors at my own pace, but boy did they nudge me to push a little harder when I needed it. I was given plenty of room to explore personal passions, while having a cadre of professional and educational leaders who were vested in my success. There was a certain feel of an education-life team helping achieve my goals. **What was your most memorable UMaine experience?** Other than meeting my bride of 21 years, Tiffany, there are two that are very heartfelt. First, when I needed to go off to basic training during the spring semester of my junior year, I walked into Connie Perry's office and I said, "Ma'am, I really don't know what to do here." And she said, "This is absolutely doable." And within the next day or two she had signed all the papers to let me take a semester break to go to basic training, and then come back and crush the rest of my degree. The fact that she was so caring and understanding let me know that everything would be OK. The second thing is at graduation. I was there with folks from the college of education, from ROTC, guys on the track team, guys from my fraternity. The whole UMaine community came together, and I strive everyday not to let them down. **How does UMaine continue to influence your life?** The UMaine Black Bears are like family. Without any one of the individuals who were part of the community when I was here, I wouldn't be the person I am today. And they wouldn't exist without the UMaine community either. So it's a cycle of community and support that I'm proud to be a part of today. **What advice do you have for today's UMaine students?** Explore your passions while being grounded in something bigger. Always strive for a higher aim and purpose. You can study to be a teacher or an engineer or a nurse, and you can become as much of an expert in that as possible. But always look across the university, know what else is going on and learn about it, because there's so much cool stuff happening at the University of Maine. You can learn from all sorts of different people, and have all sorts of different mentors. Contact: Casey Kelly, 207.581.3751

UMaine public safety alert Sept. 19

19 Sep 2018

UMaine PD has received two reports of an unidentified man approaching females and attempting to talk to them, and then following them at Fogler Library and in the Collins Center parking lot. A similar incident was reported at Hannaford in Old Town. He is described as white, middle-aged, 5'8", muscular build. Incidents have been reported Sept. 14–19. UMaine PD advises members of the community to immediately report any suspicious persons or activities by calling 581.4040.

Study Abroad Fair to be held Sept. 20 in two locations

19 Sep 2018

The University of Maine International Programs' Study Abroad Fair will be held at two different times and locations on Thursday, Sept. 20. The event will be held 11 a.m.–2 p.m. in the first-floor ballroom of Estabrooke Hall and 4–6 p.m. at the New Balance Student Recreation Center. The free event is held to inform UMaine students, faculty and staff about the programs available for all majors to study, intern, research or teach abroad. Information will be available on UMaine's direct exchange and recommended programs, which are offered in the summer, by semester or throughout the academic year, 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. The event also will feature a photo contest and raffle. More about the Study Abroad Fair is on [Facebook](#). Information about UMaine's study abroad program is [online](#).

Family and Friends Weekend Sept. 21–23

19 Sep 2018

The University of Maine will hold Family and Friends Weekend Friday through Sunday, Sept. 21–23. Many events will be held on campus throughout the weekend, including planetarium shows at the Emera Astronomy Center, a lobster bake sponsored by the University Credit Union, the Black Bear Attack adventure race, Maine Bound Adventure Center's Paddle Fest, an L.L.Bean pop-up shop and a jazz brunch. [Online](#) registration is requested. Some events such as the lobster bake, jazz brunch and planetarium shows require a ticket for UMaine students and their guests. Tickets can be purchased [online](#). More information, including an event schedule, is on the Student Life [website](#).

Hutton named associate dean for research

19 Sep 2018



[caption id="attachment_62927" align="alignright" width="223"] Mark Hutton[/caption] Mark Hutton has been named associate dean for research in the University of Maine College of Natural Sciences, Forestry, and Agriculture, and associate director of the Maine Agricultural and Forest Experiment Station. Hutton joined the UMaine community in 2001, where he has held a joint appointment as an associate professor in the School of Food and Agriculture, and a vegetable specialist for University of Maine Cooperative Extension. He will retain both his faculty and Extension appointments part time, continuing vegetable production research and lending his expertise to Maine's farmers. He will share his duties as associate dean and director with Christopher Gerbi, who started his role in the dean's office part time this summer. In his new role, Hutton will work with dean Fred Servello to advance the college research programs, with a focus on Maine Agricultural and Forest Experiment Station projects, and management of its six research farms that stretch across the state. "I am a supporter and champion for mission-oriented and applied research, and this was an opportunity to advance that meaningful work in a new way," Hutton says. "I hope to streamline some systems and improve our farms' research capacity to facilitate more research to better address the needs of our state." Prior to joining UMaine, Hutton led vegetable variety development for several international seed companies. He earned his doctorate from the University of New Hampshire.

U.S. News & World Report quotes Boteva in article about benefits of U.S. high school for international students

19 Sep 2018

[U.S. News & World Report](#) quoted Orlina Boteva, director of the Office of International Programs at the University of Maine, in the article, "How U.S. High School Can Prepare International Students." International students who attend a high school in the United States for at least a year can reap benefits including improved English skills and a familiarity with American academic culture, which prepare them for attending an American university, the article states. "We have observed that students who have spent a year or two in a U.S. high school adapt more quickly to college-level academics, create a more diverse set of friendships, seek additional academic support and join extracurricular activities," said Boteva.

Ellsworth American speaks with Moran about apple crop

19 Sep 2018

[The Ellsworth American](#) interviewed Renae Moran, an associate professor of pomology at the University of Maine and a fruit tree specialist with UMaine Cooperative Extension, for an article about this year's apple crop. Despite a three-year dry spell, orchards this year are expected to produce a full yield, according to the article. "I think it looks good. I'm so glad we got some rain," said Moran. "[The trees] just don't look as healthy as they should. They've been losing leaves through the summer." Apple trees tend to tolerate drought well, though dry spells can affect their resilience during the winter, according to Moran. She said most apples grown in New England remain in the state, sold directly at farm stands or wholesale to supermarkets. And consumer preferences have shifted, Moran said, noting the popularity of Red and Golden Delicious has declined while that of the Honeycrisp variety has increased. Some Maine counties, like Washington County, do not have commercial orchards. "That's blueberry country. I don't think the soil is right," said Moran.

President Emerita Hunter featured in Maine magazine's 50 Mainers issue

19 Sep 2018

University of Maine President Emerita Susan J. Hunter is profiled in [Maine](#) magazine's annual 50 Mainers issue, out in October. "Today more than ever, UMaine is an innovator, a partner, a resource that can help make things happen in this region, statewide and beyond. That ability to partner to get results is particularly refreshing," Hunter told the magazine.

University Center for Excellence in Developmental Disabilities receives \$2.7 million award

19 Sep 2018

The University of Maine Center for Community Inclusion and Disability Studies was recently awarded \$2.7 million in administrative core funding from the U.S. Department of Health and Human Services, Administration on Disabilities. As Maine's [University Center for Excellence in Developmental Disabilities](#) (UCEDD), the center is part of a national network of university-based centers that are congressionally authorized under the Developmental Disabilities Assistance and Bill of Rights Act of 2000. There are currently 67 UCEDDs, at least one in every U.S. state and territory. The Center for Community Inclusion and Disability Studies is a partnership of people that brings together the resources of the community and the university to enhance the lives of individuals with disabilities and their families. To achieve this mission, the center offers interdisciplinary pre-service preparation and continuing education of students; provides training, technical assistance, and consultation to the community; conducts research, including evaluation and policy analysis; and creates and communicates accessible and culturally competent information relevant to persons with disabilities and their families. The center's four areas of emphasis for the 2018–23 grant period are early intervention, inclusive education, quality child care (informed by social emotional and trauma-informed approaches), and

employment. Four facts about people with disabilities in Maine:

- Rate of Disability — Among people in Maine under age 65, 11.9 percent have a disability — a rate of 1.4 times the national average (U.S. Census Bureau, 2018).
- Students with Disabilities — In Maine, 17.2 percent of students age 6–21 enrolled in public schools are identified as a student with a disability under the Individuals with Disabilities Education Act (IDEA), versus 13.1 percent nationwide (Office of Special Education Programs, 2016).
- Poverty Rate — Among people age 16–64 with any disability, Maine’s poverty rate is about one-fifth higher than the national average (32.5 percent vs 26.9 percent). Among people age 16–64 with a cognitive disability, Maine’s poverty rate is also about one-fifth higher than the national average (38 percent vs 32 percent). (Winsor et al., 2016.)
- Employment — In Maine, people age 16–64 with any disability are employed at only four-fifths the national average (27.7 percent vs 34.3 percent). The gap is even wider for people age 16–64 with a cognitive disability, whose employment rate in Maine is only about two-thirds the national average (17.2 percent vs 24.8 percent). (Winsor et al., 2016.)

Contact: Alan Cobo-Lewis, alanc@maine.edu

Markides keynotes American Association of Holistic Nurses conference

19 Sep 2018

Professor of Sociology Kyriacos Markides was the keynote speaker at the annual conference of the American Association of Holistic Nurses, Sept. 13–16 in Minneapolis. Several of his books are required reading for certification by this association.

Social media spotlight: Alex Kenney

20 Sep 2018

Hometown: Scituate, Massachusetts Alex Kenney, a sophomore music education major with a vocal concentration, was born in Vienna, Austria. He’s also lived in Russia and Kazakhstan. This summer, Kenney interned at the Latvian Academy of Culture through the American Latvian Association in Riga, Latvia. “Music has been a part of me my whole life. Ever since I started piano lessons in Moscow when I was 7, I knew I wanted to be a musician — my teacher helped me realize how much I loved music. After piano, I moved on to singing, which is a passion of mine, and really started to focus on it when I was a junior in high school. I had two years of voice lessons before coming to UMaine, and during high school got to work at the Boston Latvian School, where I was a teacher’s aide and occasionally the teacher, working with grades preK to 8. During my internship at the Latvian Academy of Culture I translated lectures, documents and films for the academy. Latvians don’t normally offer internships, so the experience was different and rather fluid compared to internships in the States. When I’m not practicing my songs or knee-deep in homework, I love to take pictures. I started a few years ago and have since been lucky to work with both The Maine Steiners and UMaine Renaissance taking their headshots. The Music Department, its students and faculty and the University Singers are a large part of why I love UMaine.” See a post featuring Kenney on UMaine’s [Facebook](#) and [Instagram](#) pages.

October CCA performances to include Bob Marley, Rock of Ages

20 Sep 2018

The Collins Center for the Arts at the University of Maine is offering a variety of performances throughout the 2018–19 season. October events will include a string quartet, a comedy show, an award-winning musical and more. The Calder String Quartet will perform at the CCA at 3 p.m. Sunday, Oct. 14. The group performs a broad range of repertoire at an exceptional level, always striving to channel and fulfill the composer’s vision. Their distinctive approach is exemplified by a musical curiosity brought to everything they perform. The concert is a selection in the John I. and Elizabeth E. Patches Chamber Music Series. A reception for patrons and artists will follow. Bob Marley returns to the CCA at 8 p.m. Saturday, Oct. 20. Celebrating 16 years as a stand-up comic, Bob Marley is one of the hottest and most sought-after comedians in the country. A Maine native, he uses biographical and observational material for his high-energy routines. The “Rock of Ages” 10th Anniversary Tour will be performed at the CCA at 7 p.m. Sunday, Oct. 21. Nominated for five Tony Awards, including Best Musical, “Rock of Ages” captures the iconic era that was the big, bad 1980s Hollywood. This 10th anniversary production features a dynamic new cast revisiting the larger-than-life characters and exhilarating story that turned “Rock of Ages” into a global phenomenon. The Portland Cello Project will take the CCA stage at 7 p.m. Thursday, Oct. 25. The equally unorthodox Portland Cello Project and Radiohead’s “OK Computer” will coincide in a thrilling performance of the album Rolling Stone magazine called a “stunning art-rock tour de force.” The month concludes with “The Nature of Forgetting” at the CCA at 7 p.m. Tuesday, Oct. 30. Through physicality and compelling live music, it tells the story of a middle-aged father struggling in the early stages of dementia. It’s a life-affirming journey into a weakened mind, in which broken does not have to mean defeated. The show is a moving articulation of the countless dimensions of memory and amnesia, linking science with real-life experiences. Ultimately, the piece is about the fragility of life and that eternal “something” we all share that is left when memory is gone. For more information, to view the full season schedule or to purchase tickets, visit collinscenterforthearts.com/events.

Black Bear Attack adventure race Sept. 22

20 Sep 2018

The University of Maine will host the Black Bear Attack adventure race Saturday, Sept. 22 as part of [Family and Friends Weekend](#). Participants of the 3.5-mile obstacle course will start at the New Balance Student Recreation Center and run up the hill and into the university forest. In the woods, they will crawl through the mud, manage tire obstacles, climb over a wall, wade through a swamp, carry pumpkins and dodge “zombies.” Waves of 60 people will be sent out every 10 minutes beginning at 10 a.m. Waves will be assigned on the day of the race on a first-come, first-served basis. The field is limited to 350 runners, and registration is available [online](#). Rates before race day are \$20 for UMaine students, \$40 for others. If spots are still available on race day, registration will be available starting at 8:30 a.m. at the recreation center. Race day registration will be \$25 for UMaine students, \$50 for others. More information about the race is available on the Student Wellness Resource Center [website](#) or by calling Lauri Sidelko at 581.1423.

Media quote Bayer in reports on lobster sedation method

20 Sep 2018

The [Portland Press Herald](#), [The Washington Post](#), the [Bangor Daily News](#), [U.S. News & World Report](#) and the [Mount Desert Islander](#) quoted Robert Bayer, the former executive director of the University of Maine Lobster Institute, in reports on a restaurant in Southwest Harbor that has tested a method of using marijuana to sedate lobsters before boiling them. The restaurant's owner said the method could be a more humane way of cooking the lobsters, and that the drug will break down during cooking so its effects won't carry over to consumers of the lobster. Bayer said the amount of the drug used and its effects on lobster are unknown, and he is not aware of any scientific studies on the topic. The lobster used to test the method showed a lack of aggression, which Bayer said is not unusual because lobsters do not use their claws as weapons. And he's not sure a sedative would make the lobster's death less traumatic, the Press Herald reported. "When you put them in boiling water, the primitive nervous system that does exist is destroyed so quickly they're unlikely to feel anything at all," said Bayer. "They can sense their environment, but they probably don't have the ability to process pain," he told the Post. [Anchorage Daily News](#), [The Keene Sentinel](#) and the [Telegram & Gazette](#) published the Post article, and [The Times Record](#) published the Press Herald article.

Money Marketing cites UMaine study on active, passive ownership of companies

20 Sep 2018

[Money Marketing](#) cited a 2018 University of Maine study in the article, "Preparing for an all-passive world." The study, which focused on the impact of active and passive ownership on companies' ESG (environmental, social and governance) scores, found no relationship between the two, the article states.

Trade Only Today mentions Advanced Structures and Composites Center

20 Sep 2018

[Trade Only Today](#) reported Hinckley Yachts partnered with the University of Maine Advanced Structures and Composites Center to create a 3D printed electric boat. The company worked with the center to design parts and choose materials that would withstand the sun, and to print a console to a higher level of accuracy made possible with the center's machine, the article states.

Hazing study cited in LA Times article about California student death

20 Sep 2018

The [Los Angeles Times](#) cited a 2008 University of Maine study on hazing in an article about the death of a University of California, Riverside student. Family members and others suspect the death was related to hazing, according to the article. The study, conducted by researchers Elizabeth Allan and Mary Madden, found that 55 percent of students who join sororities, fraternities, sports teams or other groups on college campuses experience hazing, and the majority of incidents are unreported, the article states.

WABI covers CareerFest

20 Sep 2018

[WABI](#) (Channel 5) covered CareerFest, an on-campus event presented by the University of Maine Career Center on Wednesday, Sept. 19. The festival was an opportunity for students to engage with experts and receive advice on resumes, professional attire and other career-related topics, and become interested in thinking about future careers, WABI reported. "It's not just something you do in your senior year. We have a lot of first-year students that are here," said Crisanne Blackie, director of the Career Center. "We want those first-year students to really think about what they can do to make themselves really marketable to future employers." [WVII](#) (Channel 7) also reported on CareerFest and spoke with Blackie.

Shaler to represent the United States on international forestry research council

20 Sep 2018

Stephen Shaler, director of the School of Forest Resources and professor of wood science at the University of Maine, was selected to represent the United States in the International Union of Forest Research Organizations (IUFRO). The IUFRO is a unique global network for voluntary forest science cooperation. Members include scientists, decision makers, and stakeholders who care about forests and trees. "The role and impacts of forests to society, the environment and economies are global in scale and international cooperation is key to discovering the best solutions and strategies to make a difference," Shaler says. "My hope is this will increase opportunities and interactions of researchers and scientists who will come to UMaine to learn, for graduate students to interact with our faculty to conduct research on Maine forests and forest products, and build relationships which will create additional opportunities for our students and faculty to go abroad and discover new approaches."

Social media spotlight: Sarah Boomer

21 Sep 2018

Hometown: Hampden, Maine Sarah Boomer, a senior nursing major who will graduate in December plans to work in a neonatal intensive care unit (NICU) or as a labor and delivery nurse. She hopes to find a job in the Portland or Bangor area. "Nursing is in my blood. My mom is a neonatal nurse practitioner, so I have grown up hearing about nursing my entire life. She is a superhero. I also have a passion for neonatal intensive care just like my mom because I was in the NICU with my identical twin when we were born. We were born at 29 weeks, and I was in the NICU for 46 days. Without the amazing care that those nurses gave to me and my sister, we wouldn't be here today. I want to give back and help give a fighting chance for all premature and sick babies and their families. I know I can do just that by becoming a nurse. Outside of class, I love to hang out with my friends and family, and play tennis. Tennis is a great way to relieve stress from school work. I also enjoy a good Netflix binge. I love UMaine because it is close to home and I have made so many amazing friends here. I am thankful for all of the opportunities that this school has brought to me over the last four-and-a-half years. It has been great to have been a part of

such an awesome program filled with amazing students and staff. I will be sad to leave this place in a few short months!" See posts featuring Boomer on UMaine's [Facebook](#) and [Instagram](#) pages.

Nielsen to discuss 'bringing ocean perspective to urban estuary' at DMC

21 Sep 2018



[caption id="attachment_62981" align="alignright" width="223"] Karina Nielsen[/caption] Karina Nielsen will talk about "Bringing an ocean perspective to an urban estuary" at 12:15 p.m. Monday, Sept. 24 at the University of Maine Darling Marine Center. Nielsen directs the San Francisco State University Estuary and Ocean Science Center. Her scientific research focuses on how oceanographic, climatic and anthropogenic factors influence the functioning of coastal ecosystems, spanning the boundaries of disciplines and ecosystems. Nielsen will discuss how the ecosystem of science, monitoring and protection of San Francisco Bay influences the ecology and stewardship of one of the most heavily modified, monitored and managed estuaries on the planet. San Francisco Bay has a long history of natural resource use, environmental degradation and urban development. But in recent decades, attention has focused on habitat restoration, responsible stewardship, public access and adaptation planning for sea level rise. Nielsen will share her "outside the bay" perspective and insights from her transition as an outer coast marine ecologist to a marine laboratory director on the shore of a major urban estuary. The DMC is at 193 Clarks Cove Road in Walpole. The talk will be in Brooke Hall on the lower waterfront campus. Attendees are invited to bring a brown bag lunch. The DMC will provide beverages and cookies.

UMaine coalition to register voters as part of national effort

21 Sep 2018

Americans will celebrate National Voter Registration Day Sept. 25 with a 50-state effort to register voters before Election Day this November. As part of the effort, the University of Maine will host two events to engage the campus community and register voters. Members of the UMaine Voter Activation Team and UMaine UVote will host a voter registration and "Why I Vote" booth on the Mall, and a voter registration table in Memorial Union from 11 a.m. to 3 p.m. Over the past few weeks, volunteers have been talking to thousands of students about voting and registering hundreds of new voters. The registration drive will feature snacks and drinks, as well as voting- and election-related freebies. The booth on the Mall will include an opportunity for members of the campus community to fill out signs with the heading "Why I Vote." The signs will form part of a digital video that will be made to promote voter turnout in the lead-up to Election Day on Nov. 6. For inquiries about National Voter Registration Day events at UMaine, email Rob Glover at robert.glover@maine.edu, team leader for the UMaine Voter Activation Team. Communities around the country are planning to use National Voter Registration Day to increase voter participation. Founded in 2012, National Voter Registration Day is designed to create an annual moment when the entire nation focuses on registering Americans to exercise their most basic right — the right to vote. More than two million Americans have registered to vote on this day since the inaugural event. More about National Voter Registration Day is [online](#).

WGME interviews Hargest about keeping cats out of gardens

21 Sep 2018

[WGME](#) (Channel 13 in Portland) interviewed Pamela Hargest, a horticulture professional with the University of Maine Cooperative Extension, for a report on keeping cats out of gardens. Cats sometimes like to join their owners in the garden, but can damage gardens if left to their own devices. "If you have a vegetable garden, you do not want any domesticated animals in there," said Hargest. "If you find any dead animals, any kind of mice hanging out laying somewhere, or if you see an area that's been dug. Usually when cats do go to the bathroom they'll cover their feces so if it looks like the soil has been disturbed in some way then that's another sign." She recommends wearing gloves while working in the garden and washing hands afterward to prevent transmission of parasites and pathogens. To prevent cats from disturbing the garden, bird feeders, catnip or catmint can be placed in other areas away from the garden as a distraction, or the cat can be kept indoors while gardening.

Business Insider, Broadway World report Gill featured in 'Let Science Speak' documentary series

21 Sep 2018

[Business Insider](#) and [Broadway World](#) reported the short documentary series "Let Science Speak" premiered Sept. 20 during the Tribeca TV Festival. The six-part series aims to inform viewers about the importance of science, and to humanize scientists and show how their work is connected to relatable personal values like innovation and civic duty, the articles state. Jacquelyn Gill, an assistant professor of paleoecology and plant ecology at the University of Maine, is featured in Episode 2 of the series, which is available [online](#).

Johnson speaks with WAGM about potato diseases for The County Ag Report

21 Sep 2018

Steven Johnson, a crops specialist and Extension professor with the University of Maine Cooperative Extension, spoke with [WAGM](#) (Channel 8 in Presque Isle) for an edition of The County Ag Report focusing on potato diseases. Johnson works to identify diseases in potato samples for the public. “I get samples from all over the country and North America and, in fact, the world,” said Johnson. But he focuses on Aroostook County and its community. “I know the farmers, their dogs, their wives, that sort of stuff. This is what I do. We’re in the people business.” One frequently occurring disease is dickeya, which infects seed potatoes and causes tuber rotting, WAGM reported. Johnson said the only way to eliminate the disease is to not replant the infected potatoes. For those needing help identifying and treating potato diseases, Johnson has some advice. “If you’ve got problems or spots on your leaves, bring them in to the [Extension] office,” he said. “We can tell you whether it’s septoria leaf spot, whether it’s alternaria leaf spot, whether it’s late blight, we can look at that and tell you whether it’s going to be a big problem or not a big problem.” Johnson also runs a hotline with updates on the forecast for the growing season, including late blight; the hotline can be reached at 760.9IPM.

UMaine’s annual emergency communications system test Oct. 1

24 Sep 2018

The University of Maine will conduct its annual emergency communications system test on Monday, Oct. 1, 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 Police Department sounds the sirens; information is posted on the university’s [homepage](#), social media and portal; 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](#).

Howard quoted in USA Today magazine article on income inequality

24 Sep 2018

Michael Howard, a professor of philosophy at the University of Maine, was quoted in a September 2018 [USA Today magazine](#) article about the disproportionate share of wealth in the United States. Today, 10 percent of Americans possess 76 percent of the nation’s wealth; the top one percent owns 40 percent; and, according to a 2017 study, the richest three Americans own more wealth than the bottom half of the U.S. population combined, the article states. “If income inequalities exceed that socially useful differential, then you have a situation in which some people are getting higher incomes at the expense of others who have lower incomes and there is no social benefit,” Howard said.

Hutchinson Center to host voter education presentation

24 Sep 2018

The University of Maine Hutchinson Center in Belfast will host a presentation and discussion on voter education by Susan Hill on Sept. 26. The nonpartisan event, slated for 6–8 p.m., will include topics on voter registration, safe election procedures, voting districts, political party office locations, the list of offices and initiatives on the November ballot, and opportunities for involvement in the political process. It will not involve discussion of the merits of candidates and/or initiatives. Hill is an educator, artist and author engaged in diverse, creative community projects and sustained educational programs. She directed the University of California, Los Angeles community service organization Artsreach, and was an instructor for UCLA Extension and a faculty member at Otis College of Art and Design. Hill, who now lives in Belfast, has been an active volunteer in local and national political campaigns since 2008. The event is free and open to the public; [online](#) registration is required. For more information or to request a reasonable accommodation, call Nancy Bergerson, 338.8049.

Isaac Record to deliver 2018–19 Distinguished Honors Graduate Lecture

24 Sep 2018

The Honors College at the University of Maine will present the TIAA 2018–19 Distinguished Honors Graduate Lecture with Isaac Record ’03 on Sept. 25. Record, an assistant professor of practice at Michigan State University’s Lyman Briggs College, will discuss “Life, the University and Everything: My Romp Across Disciplines in Pursuit of Answers,” at 3:30 p.m. in Hauck Auditorium. The lecture is free and open to the public. Record directs the Collaborative Experiential Learning Laboratory at Michigan State University and teaches courses in philosophy of science, science and technology studies, and critical making. His research seeks to situate our epistemic and ethical circumstances within a network of values, capabilities, and material and social technologies. Record holds a Ph.D. and master’s degree from the Institute for the History and Philosophy of Science and Technology at the University of Toronto, and bachelor’s degrees in electrical engineering and computer engineering from UMaine. The Distinguished Honors Graduate Lecture series is a collaboration between TIAA and the Honors College. 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.

Republican Journal advances program on power of group work at Hutchinson Center

24 Sep 2018

[The Republican Journal](#) advanced a professional development program titled “The Power of Group Work” that will be offered 8:30 a.m.–3:30 p.m. Oct. 11 at the University of Maine Hutchinson Center in Belfast. The program is beneficial for professionals interested in maximizing group work skills, including educators, health care workers, clergy, social workers and mental health professionals, according to The Republican Journal. It’s led by Wendy Satin Rapaport, a licensed clinical psychologist on the faculty at the University of Miami School of Medicine Diabetes Research Institute and the UMaine School of Social Work. The cost is \$95 per person, \$50 for UMaine students, and need-based scholarships are available. For more information, to register or to request a

scholarship application or a reasonable accommodation, visit hutchinsoncenter.umaine.edu or contact Diana McSorley at 338.8093, diana.mcsorley@maine.edu.

Morning Ag Clips previews crop insurance webinar

24 Sep 2018

[Morning Ag Clips](#) published a University of Maine Cooperative Extension news release about a free webinar on the USDA's Pasture, Rangeland, Forage Pilot Insurance Program. The Sept. 26 webinar, which is slated from noon to 1 p.m., will include an overview of the program, demonstration of a tool that shows historical precipitation by grid, and a farmer's perspective on the program. The webinar is for those who want to learn more about the program before the Nov. 15 enrollment deadline. UMaine Extension is a sponsor of the webinar.

Hutchinson Center to offer public speaking program, Republican Journal reports

24 Sep 2018

[The Republican Journal](#) reported the University of Maine Hutchinson Center in Belfast will host a professional development program on public speaking Nov. 2. Author, speaker and coach Tom Dowd will present "Public Speaking for Business and More" from 8 a.m. to 3:30 p.m. Nonprofit and business leaders, educators, municipal officials, members of the clergy and others interested in becoming a better, more effective speaker are invited to register, according to the report. The cost of the program is \$195, and registration is [online](#).

Intermedia grad student's work mentioned in Intelligent Arts' Around Us magazine

24 Sep 2018

"Requiem," an installation by University of Maine intermedia graduate student Steve Norton, was mentioned in Intelligent Arts' [Around Us](#) online magazine. The installation is based exclusively on the sounds of extinct animals, according to the article. Speakers are placed in an empty and preferably darkened space. Accompanying booklets contextualize the experience for listeners by listing each of the animals by their common and scientific names, providing data on their ranges, and when and why they became extinct, the article states. A 10-minute excerpt of the installation also is online.

Republican Journal advances mindful leadership workshop

24 Sep 2018

[The Republican Journal](#) reported the University of Maine Hutchinson Center in Belfast will host a two-day workshop focused on mindful leadership in professional and workplace settings. The workshop will be held 8:30 a.m.–3:30 p.m. Oct. 12 and Oct. 26. Attendees will practice mindfulness meditation, learn competencies of mindful leadership, and discuss strategies for being calmer, more clear-minded and emotionally aware in the workplace, according to the report.

WABI covers VEMI 10th anniversary celebration

24 Sep 2018

[WABI](#) (Channel 5) covered the 10th anniversary celebration of the University of Maine's Virtual Environment and Multimodal Interaction Laboratory (VEMI Lab) at Buchanan Alumni House on Sept. 21. The lab hosted the VEMI 10 Conference to highlight successes of VEMI alumni, the report states. The conference involved presentations, discussions and a barbecue lunch. VEMI is a place for a diverse group of students and faculty to use virtual reality technologies to learn about scientific research, according to WABI. "One of the biggest things we are celebrating here is the culture we have at the lab," said RJ Perry, the lab's technical coordinator. "We have a very nonhierarchical structure here. We have undergrads working with grad students, and information is taught and passed down by whoever is here and has the information."

Media report on early 2018 drug death statistics compiled by Sorg

24 Sep 2018

The Associated Press, [Maine Public](#), [Portland Press Herald](#) and [WMTW](#) (Channel 8 in Portland) reported drug overdoses continued to claim nearly one life per day in Maine during the first six months of 2018. There were 180 overdose deaths in Maine through June 30, down slightly from the 185 drug-related deaths reported for the same period last year, according to figures released by the Office of the Maine Attorney General. The report was compiled by Marcella Sorg, an anthropologist and research professor with the Margaret Chase Smith Policy Center at the University of Maine. Maine reported a total of 418 overdose deaths in 2017, up from 376 the year before, Press Herald reported. Sorg pointed out that drug-related deaths often fluctuate and Maine typically sees higher numbers in the last six months of the year than in the first six months, according to the Press Herald. [Bangor Daily News](#) and MSN News carried the Maine Public report. [The Washington Times](#) and [WABI](#) (Channel 5) carried the AP report.

Mitchell Lecture on Sustainability: Healing Our Democracy

24 Sep 2018

Sen. George J. Mitchell will, for the first time, give the annual Mitchell Lecture on Sustainability at the University of Maine on Oct. 4. Drawing on his decades of work in public service and as a skilled negotiator, Mitchell's talk, "Healing Our Democracy," will explore how we can increase our capacity for solving problems through deliberation and consensus-building in local communities. He will examine various economic, social and political factors that are contributing to the high level of polarization and frustration evident in America, and focus on promising strategies for addressing this challenge, beginning in Maine. The 11th annual Mitchell Lecture, which is free and open to the public, will begin at 2 p.m. in Hauck Auditorium. Tickets are required and are available [online](#). To request a reasonable accommodation, call 207.581.3195. Mitchell served as a United States senator from 1980 to 1995 and as senate

majority leader from 1989 to 1995. He learned the workings of the U.S. Senate in the 1960s, when he served as executive assistant to democratic Sen. Edmund Muskie. In 1980, when Muskie resigned to become secretary of state, Mitchell was appointed to fill the vacancy. During his time in the Senate, Mitchell was lauded for his unsurpassed integrity and ability to find common ground. After leaving the Senate, Mitchell was instrumental in negotiating a peace agreement in Northern Ireland and was awarded the Presidential Medal of Freedom. Launched in 2007, the Senator George J. Mitchell Lecture on Sustainability serves as an extraordinary forum in which the university community, the general public, and many others can learn from and interact with some of the world's leading thinkers about strategies for accelerating the transition to a sustainable world. The lecture is co-sponsored by UMaine's Senator George J. Mitchell Center for Sustainability Solutions, School of Economics, UMaine Cooperative Extension, Maine Sea Grant, Rising Tide Center, Political Science Department, and Department of Communication and Journalism. Contact: David Sims, 207.581.3244; david.sims@maine.edu.

Retired Vice Admiral Nora Tyson to give Margaret Chase Smith Public Affairs Lecture Oct. 2

24 Sep 2018

The importance of leadership will be the focus of this year's Senator Margaret Chase Smith Public Affairs Lecture, to be given by retired Vice Admiral Nora Tyson at the University of Maine Oct. 2. Tyson's lecture, "Margaret Chase Smith and Me: The Importance of Leadership," will begin at 3:30 p.m. in Hauck Auditorium. The event is free and open to the public; tickets are available [online](#). Tyson served over 38 years on active duty in the United States Navy, retiring as a Vice Admiral. The Memphis native earned her Naval Flight Officer wings in 1983, and is a 1995 graduate of the U.S. Naval War College with a master's degree in national security and strategic affairs. An aviator by specialty, Tyson served three operational flying tours in Fleet Air Reconnaissance Squadron FOUR, at Naval Air Station Patuxent River, Maryland, and Tinker Air Force Base, Oklahoma, including one as Commanding Officer. The squadron provides secure communications between National Command Authorities and our nation's nuclear forces. Tyson's last active duty assignment was Commander, U.S. Third Fleet, from July 2015 to September 2017, commanding all Naval Forces on the West Coast to the international dateline, comprised of about 110 ships, 400 aircraft and 60,000 people. Her military awards include: Navy Distinguished Service Medal (2), Defense Superior Service Medal (2), Legion of Merit (5), Meritorious Service Medal (3), Navy and Marine Corps Commendation Medal (2), Navy and Marine Corps Achievement Medal (2) and various unit awards. UMaine's Margaret Chase Smith Policy Center brings to campus a person of national status in the field of civic and public life to deliver a lecture. 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 the nation. Contact: Cleo Barker, 207.581.3729

UMaine student to present at national Québec studies conference

25 Sep 2018

University of Maine student Katherine Wing will present her research paper, "The Catholic Church: Social Center of the Franco-American," at the 2018 American Council for Québec Studies (ACQS) Biennial Conference in November. Wing is a senior pursuing a bachelor of university studies degree with minors in Franco-American studies and Canadian studies. Wing's research is focused in Lewiston, Maine; Dover, New Hampshire; and Woonsocket, Rhode Island on three different states of Franco-American parishes: the Franco-American church in Lewiston is active, the one in Dover is closed and the one in Woonsocket is struggling to stay open. She interviewed second- and third-generation Franco-Americans in these communities. Wing appreciates how the research has allowed her to connect to her own Franco-American heritage. Wing's work is important, says Susan Pinette, director of Franco-American studies at UMaine and an associate professor of modern languages and literatures. "Most histories of Franco America stop in the years after World War II, when New England manufacturing moved out of state, Franco-Americans moved into the suburbs, and the parochial schools (once the backbone of this ethnic community) began to close," Pinette says. "This project aims to fill in the story of what happened after and examines how ethnic identity changes as the social support structures change." The primary mission of ACQS is to promote the teaching and study of Québec, Francophone Canada and Franco America, according to its website. It encourages research, fosters collaborations among researchers in the United States and Canada, and facilitates programs, visits and academic exchanges. This fall's conference in New Orleans celebrates the 300th anniversary of the council's founding.

Matthew Hatvany to give lecture on rethinking Canadian-American borderlands Oct. 1

25 Sep 2018

Rethinking the Canadian-American borderlands in the context of the 1918 Migratory Bird Conservation Act will be the focus of a lecture by guest speaker Matthew Hatvany on Oct. 1 at the University of Maine. Part of the 2018-19 CanAm Lecture Series and the History Department's Symposium Series, "A Borderless Continent: Rethinking the Canadian-American Borderlands from an Ecological Perspective" will begin at 3 p.m. in Hill Auditorium, Barrows Hall. A former Canada-United States Fulbright Scholar and Ph.D. graduate of UMaine, Hatvany is a professor of geography at Université Laval in Quebec City. His work over more than two decades has focused on the evolution of nature-culture relations in Canada, America, Europe and the South Pacific. For more information or a reasonable accommodation, contact Frédéric Rondeau, 581.4228, frederic.rondeau@maine.edu.

Finalists named for dean of UMaine Extension

25 Sep 2018

Editor's note: Hannah Carter's presentation has been moved from 1:30-3 p.m. to 3:15-4:45 p.m. Oct. 4. The search committee for the University of Maine Dean of Cooperative Extension will welcome three finalists to campus. Members of the campus community are invited and encouraged to attend presentations on "University of Maine Cooperative Extension of Tomorrow: How will the University of Maine Cooperative Extension Innovate and Meet the Future Needs of Maine?" The talks will be followed by a question-and-answer session and reception. The following presentations will be held:

- David Fernandez, 1:30-3 p.m. Sept. 27, Wells Conference Center, Room 2
- Hannah Carter, 3:15-4:45 p.m. Oct. 4, Wells Conference Center, Room 2
- Mary Ruemenapp, 1:30-3 p.m. Oct. 15, Wells Conference Center, Room 1

Information on the search and candidates, as well as links for feedback are online. The deadline for feedback to be received is Oct. 18. For more information or questions, contact Dianne Avery at diannea@maine.edu, 581.1595.

News Center Maine reports on fraternity honoring member who died in WWII

25 Sep 2018

[News Center Maine](#) reported members of the Phi Gamma Delta fraternity at the University of Maine recently honored one of their fallen brothers. Joseph Sebastian Boulos of South Portland lost his life on a bombing run in Europe during World War II. He attended UMaine before enlisting in the Air Force, according to the report. Phi Gamma Delta members renovated the fraternity house library in his honor, News Center Maine reported. Boulos' two younger sisters, both in their 90s, were at the dedication. "I think Joe would be very surprised. He was a very modest person. He would be very honored but surprised," said Dottie Boulos, who was 18 years old when she found out her brother died.

BDN publishes profile on football players pursuing master's degrees

25 Sep 2018

The [Bangor Daily News](#) published a feature article on two University of Maine football players who are pursuing master's degrees. Strong safety Jeffrey DeVaughn received an undergraduate degree in kinesiology at UMaine and is working toward a master's degree in higher education. Tight end Joe Vitiello transferred to UMaine from Boston College, where he earned an undergraduate degree in communications, and is pursuing a master's in human development at UMaine, according to the article. DeVaughn called his decision to return to UMaine and pursue a master's degree "probably the best thing I have done in my college years. It has been phenomenal." UMaine head football coach Joe Harasymiak pointed out that tight end Brendan O'Neil earned a master's degree in business from UMaine last year. "It has been good to us. We have a good graduate school here, and we like working with them," said Harasymiak, who added it is important for graduate students to complete their master's degrees.

News Center Maine interviews Wahle about unconventional lobster sedation method

25 Sep 2018

[News Center Maine](#) spoke with Richard Wahle, a professor in the University of Maine School of Marine Sciences and director of UMaine's Lobster Institute, about a Maine lobster shack owner who is experimenting with lobsters and THC, the main calming ingredient in marijuana. "In a world where use of marijuana is becoming more common and legal, and at the same time, people are looking for ways to make the transfer of lobsters from life to the boiling pot a little more gentle, maybe we shouldn't be too surprised here," said Wahle, who began looking into the topic of lobsters and cannabis after hearing the news. He found a journal article on a study from 1988 about "the changes in neurotransmitters of the lobster when exposed to cannabinoids," according to the report. "Lobsters do have gills and to the extent they are similar to the lung is that there's a moist membrane there at the interface of the air and the body and so chemicals can be transmitted across that membrane," Wahle said. "There may be more efficient ways to do that in a water medium but we're sort of working at the fringe of science here with the respect to the activity of cannabinoids in lobsters." [Maine Public](#) also spoke with Wahle about the topic.

Longcore featured in AAAS Member Spotlight

25 Sep 2018

Joyce Longcore, a mycologist and associate research professor at the University of Maine, was featured in the [American Association for the Advancement of Science](#) (AAAS) Member Spotlight section of its website. Longcore's unorthodox career as a mycologist peaked in a burst of achievement in 1997, which later resulted in the 2017 Golden Goose Award from AAAS, according to the article. Longcore nailed the mysterious organism that was decimating frog populations all over the world as a chytrid, an obscure aquatic fungus, and devised a way to isolate it into pure culture so it could be studied by other researchers, the article states. When asked if fungi are important, Longcore said, "Oh my goodness, yes. Fungi hold the world together."

Moran speaks with BDN about apple flavor

25 Sep 2018

The [Bangor Daily News](#) interviewed Renae Moran, an associate professor of pomology at the University of Maine and a fruit tree specialist with UMaine Cooperative Extension, for the article, "Here's why no two apples taste exactly the same." "The flavor of fruits is largely from sugars and acids," Moran said. "The relative amount of sugars and fruity acids is perceived as sweetness, tartness or both." A McIntosh has a tart crispness, while Honeycrisp is sweet and juicy. Other apples, such as the Red Delicious, which is relatively low in sugars and acids, have a flavor that is considered somewhat bland, Moran said. There are hundreds of cultivated varieties of apples — all members of the Rosaceae family, and each having its own, unique color, texture and flavor characteristics, the BDN reported. "Some are highly aromatic, such as McIntosh and their flavor also comes from their aroma," Moran said. "As we bite into them certain compounds are released from the flesh and become gaseous, thus making it easy to smell them [and] adding to the overall taste experience." Differences also are due to how apples react to environmental conditions, Moran said.

Researchers awarded \$1.5M to examine spread of mosquito-transmitted diseases

25 Sep 2018

A team of University of Maine researchers has been awarded \$1.5 million from the National Science Foundation to examine the relationships among the spread of mosquito-transmitted diseases, perceptions of mosquito-borne disease risk and human travel, including domestic and international tourism. The five-year project, "Coupled Dynamics of Tourism and Mosquito-Borne Disease Transmission in the Americas," is being led by Allison Gardner, an assistant professor of arthropod vector biology, and Sandra De Urioste-Stone, an assistant professor of nature-based tourism. The project aims to understand the role of human mobility in the dispersal of mosquito-borne viruses across a range of spatial scales. The team also will look at how infectious disease outbreaks influence the travel decisions of individuals and marketing strategies of tourism businesses, as well as how changes in human mobility in response to epidemics and marketing might alter outbreak paths — a potential feedback between the natural and human components of the system. Travel of infected humans has the potential to spark global epidemics of mosquito-borne diseases, according to the researchers, who cite outbreaks in the Americas following the first detection of chikungunya and Zika viruses in 2013 and 2015, respectively. "Human activities already have led to the globalization of many important disease vector mosquitoes," Gardner says. "The range expansion of these mosquito species, combined with a degree of human connectivity unprecedented in

human history, has created a landscape that greatly facilitates the emergence and re-emergence of arthropod-borne viruses.” Using the introduction and spread of Zika and chikungunya in the Americas as case studies, the project will generate new scientific understanding of the coupled dynamics of mosquito-borne disease transmission and tourism. “Our goal is to develop capabilities in management and analysis of ‘big data’ to create innovative spatial analysis platforms for modeling mechanistically how human movements drive disease transmission and spread. These models may inform rapid and effective public health responses to mosquito-borne disease outbreaks,” Gardner says. The researchers will use epidemiological modeling and data science techniques to investigate the contribution of human movement patterns to mosquito-human interactions and to the spread of mosquito-borne viruses across regions. The team will use novel data streams such as geo-located mobile phone and social media data to characterize human mobility. “It is important to understand how humans select and utilize diverse information to make travel and business decisions that might have an effect on disease transmission,” De Urioste-Stone says. “By using theories and methods from the social sciences, we will examine the role knowledge, attitudes, experience and trust in information sources play in influencing how travelers perceive the risk of contracting a mosquito-borne disease while traveling.” The project also will offer interdisciplinary education and training opportunities in disease ecology, mathematics and geographic information science for undergraduates, graduate students and postdoctoral researchers. Meetings with public health and tourism stakeholders will seek to develop management strategies and actions to address mosquito-borne disease threats. The data sets developed as part of the project will be made public and accompanied by educational workshops, according to the researchers. “Ultimately our goal is to interact closely with tourism and public health stakeholders to share the results from the study and inform decision making,” De Urioste-Stone says. Brandon Lieberthal, a postdoctoral researcher in the School of Biology and Ecology at UMaine; and University of Illinois at Urbana-Champaign researchers Brian Allan, an associate professor of entomology, and Shaowen Wang, a professor and head of the Department of Geography and Geographic Information Science, also are involved in the study. The project was awarded funding as part of the National Science Foundation’s Dynamics of Coupled Natural and Human Systems (CNH) Program. CNH supports interdisciplinary research that examines human and natural system processes and the complex interactions among human and natural systems at diverse scales. More about the CNH program is [online](#). Contact: Elyse Catalina, 581.3747

Coalition including UMaine announces plan to grow forest economy

25 Sep 2018

A coalition working to boost Maine’s forest economy announced its action plan at the University of Maine on Sept. 25. Forest Opportunity Roadmap/Maine (FOR/Maine), a coalition working to diversify the state’s wood products businesses, attract capital investments, and develop greater economic prosperity for communities impacted by recent mill closures, announced a plan to grow Maine’s forest economy from \$8.5 billion annually to \$12 billion by 2025, according to the Maine Development Foundation. One of the group’s five goals calls for organization of the forest products industry with committed public sector partners, including UMaine. FOR/Maine is a collaboration between industry, communities, government, education and nonprofits, which have come together to realize the next generation of Maine’s forest economy. UMaine is a partner. The coalition was created with support from the U.S. Economic Development Administration and U.S. Department of Agriculture. The full news release is [online](#).

Doty scholarship recipient, to present research at annual COPIS conference

26 Sep 2018

Jon Doty, who earned an Ed.D. in educational leadership from the University of Maine in May 2018, was given the annual Arthur Blumberg/Edward Pajak Award by the Council of Professors of Instructional Supervision (COPIS). The scholarship provides funds for doctoral students to travel and present at COPIS events. Doty will present his research titled “Teacher Performance Evaluation and Professional Growth in the Era of ‘Educator Effectiveness’ in Maine” at the 2018 COPIS fall conference, to be held at UMaine Oct. 12–14. Doty’s dissertation chair was Ian Mette, an assistant professor of educational leadership at UMaine.

Maine mass timber event offers insight into opportunities for the state’s forest products industry

26 Sep 2018

The Maine Mass Timber Event, a daylong conference focused on established and emerging cost-effective mass timber construction technologies that are growing in popularity nationwide and around the globe, will be held Oct. 11 at the University of Maine, offered by UMaine’s Maine Mass Timber Commercialization Center in partnership with WoodWorks – Wood Products Council. The conference, designed to bring together regional stakeholders to ensure Maine is seizing upon mass timber opportunities, begins at 8:45 a.m. in Wells Conference Center. More information is [online](#). As part of an initiative to invigorate and diversify Maine’s rural forest-based economy, mass timber manufacturing facilities in the state could supply the growing demand for urban construction and multistory housing along the Eastern seaboard, according to Russell Edgar, UMaine wood composites manager of the Maine Mass Timber Commercialization Center, part of UMaine’s Advanced Structures and Composites Center. “With nearly 90 percent of Maine’s land area covered in forests — the largest percentage in the U.S. — and geographic proximity to one of the world’s largest urban population centers, Maine is an ideal location for rural, economic revitalization through the sustainable production of mass timber,” says Edgar, who is helping organize the Maine Mass Timber Event. The conference will cover key topics related to bringing mass timber production to Maine and the region, including issues related to the supply side (manufacturing, utilization of Maine lumber and workforce needs) and demand side (design and construction of products and structures, code applications, fire resistance and developer obstacles). Speakers will include mass timber manufacturers, sawmill owners, architects, developers, landowners and engineers. The Maine Mass Timber Commercialization Center was established in 2017 with U.S. Economic Development Administration funding. It serves to increase awareness of mass timber construction practices, and manufacturing opportunities in Maine through collaboration with industrial partners, trade organizations, construction firms, architects and other groups, while promoting Maine as an ideal location for mass timber manufacturing facilities. WoodWorks – Wood Products Council provides free nationwide project assistance, education and resources related to the code compliant design, engineering and construction of commercial and multifamily wood buildings.

Farming Down East the focus of UMaine Extension course

26 Sep 2018

A four-session course for farmers and those hoping to farm will be held from 1–4 p.m. Oct. 2 at the University of Maine Cooperative Extension Penobscot County Office in Bangor. The course, “So You Want to Farm in Maine?” continues weekly through Oct. 23. Live streaming will be available. Appointments for individual consultations will be made at the conclusion of the course. Participants will gain the knowledge and skills to start, adapt and maintain a

profitable land-based business. Topics will include evaluating farm enterprises, developing a business plan, assessing soil and other resources, record keeping and market research. Scheduled course leaders are UMaine Extension staff members Donna Coffin, Erin Roche, Leslie Forstadt, Kathy Hopkins and Gary Anderson, as well as guest instructors. The course is approved for FSA Borrower Training, and is required as a condition of eligibility for new loans for all FSA borrowers of both direct and guaranteed loans. The \$50 per person fee includes the text “Starting and Running Your Own Small Farm Business” by Sarah Beth Aubrey. Two members of the same household may attend for one fee, provided they share course materials. Registration is online. For more information or to request a reasonable accommodation, contact 942.7396; theresa.tilton@maine.edu.

UMaine faculty, staff invited to attend President’s Fall Welcome

26 Sep 2018

University of Maine faculty and staff are invited to attend the President’s Fall Welcome 8–9:30 a.m. Oct. 2 in Wells Conference Center. UMaine President Joan Ferrini-Mundy is scheduled to speak at 8:30 a.m. An additional event for employees working the late shift will be held at 9:30 p.m. Oct. 1, also in Wells.

Mainebiz cites Aquaculture Research Institute report in article on proposed oyster farm

26 Sep 2018

[Mainebiz](#) cited the 2017 Maine Aquaculture Economic Impact Report published by the University of Maine Aquaculture Research Institute in the article, “Size of proposed oyster farm draws opposition.” An application by Mere Point Oyster Co., in Brunswick, for a 40-acre oyster farm in Maquoit Bay has raised concerns among nearby residents, according to the article. Mere Point’s application is in line with Maine’s growing aquaculture industry, the article states, pointing to the ARI report that found oysters are one of Maine’s top three farmed species (along with Atlantic salmon and blue mussels).

News Center Maine speaks with College Republicans about boosting voter turnout

26 Sep 2018

Members of the University of Maine College Republicans student group spoke with [News Center Maine](#) for a report about voter turnout for Maine’s midterm elections. Secretary of State Matthew Dunlap said he expects the 2018 midterm elections to draw nearly 65 percent of eligible voters to the polls, which would be a record for a non-Presidential race in Maine, according to the report. College Republicans at UMaine said they plan to drum up support from people in rural communities to boost voter turnout. “It’s part of our goal this year as College Republicans to increase rural turnout around the state of Maine,” said Jeremiah Childs, a member of the group.

Barkan writes BDN op-ed on immigrants in America

26 Sep 2018

The [Bangor Daily News](#) published the opinion piece “Immigrants help make America great,” by Steven Barkan, a sociology professor at the University of Maine and author of “Criminology: A Sociological Understanding.” 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 group’s announcement to grow Maine’s forest industry

26 Sep 2018

The [Portland Press Herald](#), [Maine Public](#), [Bangor Daily News](#), [News Center Maine](#), [WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported on an announcement made at the University of Maine to help boost Maine’s forest economy. Forest Opportunity Roadmap/Maine (FOR/Maine), a group with representatives from industry, communities, government and others including UMaine, said the forest products industry could maintain a leading role in the state’s economy if it is more nimble in adapting to rapid changes in markets, technology and social trends, Press Herald reported. The goal of the group is to grow Maine’s forest economy from \$8.5 billion annually to \$12 billion by 2025 by maximizing existing resources and adding new technologies and products, according to Maine Public. Charlotte Mace, executive director of Biobased Maine, told Maine Public that research at UMaine and in the private sector is helping to develop the products of the future. [Sun Journal](#), [Morning Sentinel and Kennebec Journal](#) carried the Press Herald report.

WABI covers UMaine voter registration effort

26 Sep 2018

[WABI](#) (Channel 5) reported on a student-led effort at the University of Maine to celebrate National Voter Registration Day. Members of the UMaine Voter Activation Team and UMaine UVote hosted a voter registration table and “Why I Vote” booth to engage the campus community and register voters. “I think what has been inspirational is when we have been asking people for the video, ‘Why are you registering to vote?’ the great reasons people do,” said Susan Gardner, director of UMaine’s Women’s, Gender, and Sexuality Studies program and Rising Tide Center, who is involved in UMaine UVote. “It’s about making a difference. One person said, ‘It’s because my parents never did and I want to be a good role model.’ So I think it’s trying to mobilize the young people of our community to think about why this is important and the difference they can make.”

More than 1,000 schoolchildren to visit UMaine for two events Oct. 9

26 Sep 2018

More than 1,000 elementary and middle school age students from around the state will be at the University of Maine Oct. 9 to attend two daylong events — Expanding Your Horizons, and the Northern Maine Children’s Water Festival. Expanding Your Horizons, an event hosted by UMaine for more than a decade, facilitates connections between middle school girls and professional women in science, technology, engineering and mathematics (STEM) to provide

accessible role models and to generate interest in STEM careers through high-quality, hands-on activities. Considered a global gateway to STEM fields, the Expanding Your Horizons network supports conferences at more than 100 sites worldwide that engage approximately 24,000 girls each year. At UMaine, concurrent workshops will be occurring for participants throughout the day, most led by UMaine faculty and students. The biennial [Northern Maine Children's Water Festival](#) promotes active learning about water issues to teach students the value of clean water and healthy habitats, and to provide teachers with relevant classroom resources that support evidence-based instruction. Over 600 fourth, fifth and sixth graders and their teachers will attend this collaborative event, which will be held in Bennett Hall, the New Balance Field House and other campus locations. Participants will be able to interact with scientists, environmental champions, water professionals and local celebrities working to highlight issues such as water quality, conservation, vernal pools, the water cycle, wastewater treatment and more. UMaine's 2018 Expanding Your Horizons conference receives support from University of Maine Cooperative Extension, Girl Scouts of Maine and the Maine Science Festival. The Senator George J. Mitchell Center for Sustainability Solutions is hosting the 2018 Northern Maine Children's Water Festival with support from the Maine Department of Environmental Protection, and other public and private stakeholders and partners. Attendees at both conferences will travel from 11 of Maine's 16 counties to engage with UMaine faculty, staff and graduate students, and other invited presenters through interactive workshops and experiments designed to spark interest in science and math, and sustaining Maine's water resources. For more information about these events, which are at capacity: UMaine Rising Tide Center for Expanding Your Horizons, 207.581.3434; UMaine Mitchell Center for Sustainability Solutions for the Northern Maine Children's Water Festival, 207.581.3196. Contact: Expanding Your Horizons — Susan Gardner, 207.907.0845; Northern Maine Children's Water Festival — Ruth Hallsworth, 207.356.4828; Margaret Nagle, 207.581.3745

National Park Service, UMaine propose ways to promote communication between scientists, public

26 Sep 2018

Facilitating effective communication between scientists working in national parks and the public is the focus of a new publication by the National Park Service (NPS) in collaboration with the University of Maine. The report, [“Science in Places of Grandeur: Communication and Engagement in National Parks.”](#) was published in the journal Integrative and Comparative Biology and written by Tim Watkins, the science access and engagement coordinator with the NPS Natural Resource and Stewardship Directorate; Abraham Miller-Rushing, science coordinator for Acadia National Park and Schoodic Education and Research Center; and Sarah Nelson, an associate research professor in UMaine's School of Forest Resources and director of the Ecology and Environmental Sciences Program. NPS supports and facilitates scientific studies in parks, resulting in many opportunities for researchers to engage with the public in sharing their research. More than 400 national parks and other protected areas managed by NPS draw more than 300 million visits per year, generating significant potential for scientific education and outreach for visitors. The study explores opportunities for developing communications efforts to communicate science to public audiences, with specific examples for collaboration between scientists and park communications staff to achieve communications goals. Scientists conducting research in national parks “can place their science directly into a personal and civic context and engage a highly interested and receptive audience who are experiencing positive emotions,” say the researchers. The researchers want to educate scientists interested in bringing their research into the sphere of public attention on important ideas and information surrounding scientific communication in national parks. These include the fact that national parks are valuable places for both research and related outreach; the programs already in place with NPS to support scientific work; the “expertise, ability, and willingness” of park staff to support outreach activities; and that collaboration between scientists and park staff is recommended as a way to ensure research “informs management and increases public awareness, understanding, and appreciation for national parks and for science.” The report provides examples ranging from easily achievable outreach efforts — like explaining science to an audience at a science festival, workshop or research presentation, especially on topics related to enjoyment of the park — to more effort-intensive initiatives, such as engaging an audience in citizen science opportunities like Nelson's Dragonfly Mercury Project to encourage public participation in research. Other proposed outreach methods include scientists contributing their expertise to NPS communications products, planning for communication to be included in a research project through sustained collaboration between scientists and communications experts, and training and practice in science communications through internal workshops. According to the researchers, scientists should be prepared to explain their research to park visitors they might encounter who could have questions; to develop relationships between scientists and park staff to facilitate successful outreach; and to plan for communication and engagement more than one might think necessary just in case; to recognize that engaging the public in doing science is often more effective than simply presenting it to them since it “takes more time but the interests and rewards are great” like sustained and extended dialogue between scientists and the public; and that adding insights into the lives of the scientists and how they conduct research to develop public perception of them as regular, relatable people can help draw and retain audiences. The research team also recommends that, “Scientists and/or communication professionals (ideally both, working together) need to define their audiences, desired outcomes, and select engagement practices accordingly. The collaboration is important, as NPS staff and academic scientists may have different connections, knowledge, and skills to reach different audiences in different ways.” For example, communicating with the public about native and exotic plants in a park can be done through talks at garden clubs. Scientists working in national parks should be prepared to put substantial, meaningful work into communications efforts, the researchers say, but it's worth it to educate the public about research happening in parks. NPS communicators have “consistently mastered and applied the art of explaining the significance of resources, helping visitors find personal meaning in them, and inspiring people to care about these protected places,” according to the researchers. They conclude that, “Communicating the science through which we understand these unique places and resources, however, is a relatively new role.” And scientists themselves are the key to creating new methods of collaboration to communicate both the process and results of that research to the public in relevant, accessible ways. The paper was included in a symposium on public engagement in science at the 2018 annual meeting of the Society for Integrative and Comparative Biology. Contact: Cleo Barker, 207.581.3729

UMaine selected for national education-to-workforce initiative, partnering with EMHS, Bangor Savings

27 Sep 2018

The University of Maine, in partnership with Eastern Maine Healthcare System/Northern Light Health and Bangor Savings Bank, is participating in a national [Education Design Lab](#) project, designed to identify, recognize and match the workforce skills that college students need and employers want. UMaine is one of seven colleges participating in a yearlong 21st Century Skills initiative of the Education Design Lab, a Washington, D.C.-based nonprofit dedicated to re-envisioning the school-to-work pipeline. As part of the 21st Century Skills initiative's #TeeUpTheSkills campaign, the pilot programs at UMaine and other colleges, working with corporate partners in their communities, will develop assessed credentials for the most in-demand yet hard-to-quantify skills and competencies identified by employers, such as initiative, collaboration, creative problem solving, critical thinking, intercultural fluency, empathy, communication skills, and resilience. The pilot project is part of UMaine's [Engaged Black Bear](#) (EBB) initiative, which awards digital badges representing student accomplishments and active engagement in 18 pathways designed to take a student from participant to leader. The badges capture, recognize and promote student engagement, on campus and in the community, and validate viable workforce skills for employers. The Engaged Black Bear initiative now offers Career Ready badges for University of Maine at Machias students. In August, UMaine announced a [partnership with United Technologies Center](#) to offer a digital badging initiative to increase college access and readiness through the development of a pipeline to postsecondary education. A news release

about Education Design Lab's 21st Century Skills initiative is online. Contact: Margaret Nagle, 207.581.3745

Hutchinson Center offers program on power of group work

27 Sep 2018

The University of Maine Hutchinson Center in Belfast is offering a professional development program on the power of group work 8:30 a.m.—3:30 p.m. Oct. 11. The program will focus on a variety of topics related to group work, including experiencing the effectiveness of groups in different roles and predicting, normalizing and handling challenges of running groups, as well as the value of humor in group work. It's designed for professionals interested in maximizing group work skills, including educators, health care workers, clergy, social workers and mental health professionals. The program is led by Wendy Satin Rapaport, a licensed clinical psychologist on the faculty at the University of Miami School of Medicine Diabetes Research Institute and the UMaine School of Social Work. The cost is \$95 per person, \$50 for UMaine students, and need-based scholarships are available. For more information, to register or to request a scholarship application or a reasonable accommodation, visit hutchinsoncenter.umaine.edu or contact Diana McSorley at 338.8093, diana.mcsorley@maine.edu.

Fifth annual March Against Domestic Violence set for Oct. 3

27 Sep 2018

The University of Maine's fifth annual March Against Domestic Violence will take place Oct. 3 on the Mall in front of Fogler Library. The march, which begins at noon, is sponsored by the Maine Business School (MBS) Corps, which partnered with UMaine Athletics, Student Life, Partners for Peace and other organizations. Following the march, remarks will be made by Robert Dana, vice president for student life and dean of students at UMaine; Amanda Cost, facilitative director at Partners for Peace; representatives from several on-campus groups including MBS Corps, Male Athletes Against Violence (MAAV) and UMaine Army ROTC; and members of the community who have been affected by domestic violence. Last year's march drew around 200 participants from numerous organizations. Everyone is encouraged to attend and support the cause. For more information, email Nory Jones at njones@maine.edu.

Holman talk to examine China's motives in Africa, VillageSoup reports

27 Sep 2018

[VillageSoup](#) reported G. Paul Holman, a visiting professor of international relations at the University of Maine, will discuss "China in Africa: A New Kind of Colonialism?" Oct. 24 at the Vose Library in Camden. The 7 p.m. talk, which is presented by the Camden Conference, is free and open to the public.

UMaine Tanglewood 4-H Center fall harvest festival Oct. 6

28 Sep 2018

University of Maine Cooperative Extension 4-H Camp and Learning Center at Tanglewood will host a fall harvest festival and trail race 9 a.m.—3 p.m. Saturday, Oct. 6 in Lincolnville. The 3.5-mile race begins at 10 a.m. Registration opens at 9 a.m. Participants can celebrate the fall season with ecology-themed outdoor activities in the Tanglewood forest, as well as archery and cider pressing. Lunch will be served midday. The race entry fee is \$20; the festival is free. Race registration is [online](#). Proceeds will support programming at Tanglewood and Blueberry Cove UMaine Extension 4-H Centers. For more information or to request a reasonable accommodation, contact Patti Chapman, 789.5868, patricia.chapman@maine.edu.

Faculty, staff invited to Intensive English Institute open house

28 Sep 2018

The University of Maine Intensive English Institute is holding an open house for faculty and staff 3–5 p.m. Thursday, Oct. 4 in the Estabrooke Hall Ballroom. Attendees will learn about the programs and services IEI offers to international students. IEI provides targeted English language instruction to students from a variety of majors and backgrounds. It also offers short-term, custom English immersion programs for groups and businesses. Earlier this year, the institute became part of the College of Education and Human Development with dean Timothy Reagan serving as director. IEI has revamped its curriculum to better serve international students at UMaine. Jeffrey Hecker, UMaine's executive vice president for academic affairs and provost, will speak about the importance of IEI, and IEI students and staff will be on hand to answer questions. Light refreshments will be served. For more information, contact program coordinator Becki Rand, 581.3821, rebecca.s.rand@maine.edu.

UMaine Extension mentioned in Free Press column on heritage apple varieties

28 Sep 2018

The University of Maine Cooperative Extension was mentioned in a [Free Press](#) article about increased interest in and access to heritage apple varieties. When a tree prized for certain characteristics, such as disease or insect resistance, or its suitability for sauce or pie, dies of old age or disease, that variety is gone forever, according to the article. The Maine Organic Farmers and Gardeners Association, with help from UMaine Extension, Fedco, Maine State Pomological Society, Maine Tree Crop Alliance and others, has been working to locate and save these types of apples. Once found and positively identified, a specimen is grafted onto standard-size seedling rootstocks and planted in the orchard, the article states.

WVH interviews Gardner about mosquito-borne illness research

28 Sep 2018

[WVH](#) (Channel 7) spoke with Allison Gardner, an assistant professor of arthropod vector biology at the University of Maine, about her research examining the relationships among the spread of mosquito-transmitted diseases, perceptions of mosquito-borne disease risk and human travel. Gardner and Sandra De Urioste-Stone, an assistant professor of nature-based tourism, recently were awarded \$1.5 million from the National Science Foundation for the study.

Gardner said travel by infected humans has the potential to spark global epidemics. “People simply don’t realize they are sick and so they continue traveling and as they are moving through their travels there’s the potential for them to introduce a disease into a new location completely unaware of it,” she said. “So when a mosquito bites them in this new location, the mosquito becomes infected and the transmission cycle can persist.” The researchers said they hope the study will result in the development of models that can better predict where outbreaks happen, guide where public health resources are allocated, and spark intervention efforts during the early stages of an epidemic, WVII reported. The Associated Press also reported on the study. The [Bangor Daily News](#), [WABI](#) (Channel 5), [U.S. News & World Report](#), Miami Herald, Ledger-Enquirer of Columbus, Georgia, [Boston.com](#) and [Seacoast Online](#) carried the AP report.

World Climate Interactive Negotiation Simulations to be held at Maine schools in October

01 Oct 2018

University of Maine graduate students are partnering with schools across Maine to host World Climate Interactive Negotiation Simulation (WCS) activities. The simulation activity was developed by the nongovernmental organization Climate Interactive and involves a role play in which participants act as country delegates and work together to negotiate a global climate agreement. The simulation emulates negotiations that will take place at the annual United Nations Framework Convention on Climate Change (UNFCCC) Conference of the Parties (COP) to negotiate policy to reduce the effects of climate change and support community adaptation to current impacts. About seven delegates from UMaine will attend this year’s conference, focused on implementing the Paris Agreement, in Katowice, Poland in December. These delegates include Anna McGinn, a master’s student in the UMaine School of Policy and International Affairs and the Climate Change Institute, and Will Kochtitzky, a master’s student in the UMaine School of Earth and Climate Sciences and the Climate Change Institute. With collaboration from the University of Maine Cooperative Extension’s 4-H program, a team led by McGinn and Kochtitzky plan to use UMaine Extension’s Follow a Researcher® program to virtually bring students to Poland for COP24. Students will be able to experience the negotiations through blog posts, tweets, live video conferences, and interviews with country negotiators, heads of NGOs and other delegates. “A central piece of our attendance at the COPs is to draw connections between these international efforts and the state of Maine,” McGinn says. “Attending the COPs presents a unique opportunity for researchers in Maine to explore how scientific research feeds into international decision-making on climate change to build relationships with leading policymakers, physical and social scientists, and practitioners from around the world.” The programs will be held in the following schools during the 2018–19 school year:

- King Middle School in Portland, 9:30 a.m.–noon Oct. 10
- Loranger Memorial School in Old Orchard Beach, Nov. 5
- Biddeford Middle School, Feb. 15
- Durham Community School in February
- Madawaska Middle/High School in March
- Camden Hills Regional High School in Rockport, March 28 and 29
- Leonard Middle School in Old Town in May
- Falmouth High School, date TBD

“We hope this opportunity will allow students to understand the basics of climate science, the urgency of the problem, and empower them to take action in their own lives,” says Kochtitzky. The UMaine team in the past has run the simulations at the Climate Change Institute annual retreat, the Upward Bound UMaine STEM summer program, the Camden Conference in coordination with the UMaine School of Policy and International Affairs, and the Maine Science Teachers Association annual conference and a Belfast community program, both in cooperation with the UMaine Hutchinson Center. The team also plans to host another simulation with the Belfast Climate Change Committee this fall. After returning from the conference, the team plans to continue the outreach effort by planning additional WCS sessions and conversations in schools, and giving presentations at UMaine about their work. If you are interested in bringing the WCS to your school, contact Anna McGinn at 508.527.6423, anna.mcgin@maine.edu. To register your classroom, community group or family to participate in the Follow a Researcher® program, visit extension.umaine.edu/followaresearcher.

Half of Belgrade Lot to be closed Oct. 2

01 Oct 2018

Due to an event on Oct. 2, half of Belgrade Lot will be closed to parking 6 a.m.–4 p.m. People coming to campus are asked to consider carpooling, biking or walking, if possible. Those with a MaineCard can use the Community Connector and Black Bear Orono Express for free. To find parking lots with available spaces, call 581.INFO (4636).

New nuclear magnetic resonance spectrometer to benefit research and education in Maine

01 Oct 2018

To enhance research and education in Maine, the University of Maine Department of Chemistry is acquiring a state-of-the-art, 500 MHz nuclear magnetic resonance (NMR) spectrometer with a more than \$535,000 grant from the National Science Foundation’s Major Research Instrumentation and Chemistry Research Instrumentation programs. Leading the project is UMaine assistant professor of chemistry Matthew Brichacek, with Department of Chemistry colleagues Alice Bruce and William Gramlich; Thomas Schwartz of the Department of Chemical and Biomedical Engineering; and Husson University professor Karl Bishop. The NMR spectrometer is one of the most powerful tools available for chemists to study the structure of molecules, according to the researchers. It is considered particularly important in the identification of unknown substances, characterization of atoms in molecules, and molecular interactions in solutions or solids. The technology facilitates research in a variety of fields, including those involving chemical reactions. At UMaine, the spectrometer is expected to be used in a range of research initiatives, including exploration of the metabolism of blue mussels; the characterization of glycans — a family of carbohydrates implicated in disorders that include inflammation, pathogen infection and cancer; and in biofuel and biomass studies. In addition, having a spectrometer of this field strength impacts educators and scientists at institutions, colleges and industrial partners throughout Maine, the researchers noted in their proposal.

UMaine nanocellulose research cited in Press Herald, Kennebec Journal, Morning Sentinel editorial

01 Oct 2018

The [Portland Press Herald](#) and [Kennebec Journal and Morning Sentinel](#) published an editorial about the role of forestry in the future of Maine's economy, mentioning research at the University of Maine. UMaine is "heavily involved" in research and development surrounding nanocellulose, a light, strong material made when algae eat wood pulp. Nanocellulose has many applications, including fuel, body armor and medical devices, according to the editorial. These efforts could be part of a revival for the forestry industry, along with other initiatives and the proper leadership, the column states.

Press Herald mentions Sea Grant guide in article on avoiding seafood fraud

01 Oct 2018

The [Portland Press Herald](#) mentioned an online seafood guide published by Maine Sea Grant, affiliated with the University of Maine, in the article, "We can help you fight fish fraud." Seafood fraud occurs along the chain of production and distribution when fish and shellfish are intentionally mislabeled, swapped out or plumped up to benefit the seller, the article states. A 2013 study by watchdog group Oceana found that one third of seafood samples tested was mislabeled. The article recommends several ways to increase awareness about the origins of fish on the market to avoid fraud, including consulting Sea Grant's [Maine Seafood Guide](#) to learn which fish are caught during which seasons to determine whether the fish you're buying is local.

UMaine research included in Press Herald article on window inserts

01 Oct 2018

University of Maine research was mentioned in the [Portland Press Herald](#) article, "Get busy dressing your windows for winter." With winter quickly approaching, it's the time of year to insulate your house against drafts — and a Maine nonprofit group has developed a low-cost window insert to solve the problem, according to the article. UMaine research showed that the 6,214 window inserts built by Rockland-based nonprofit Window Dressers in 2017 saved Mainers 880,000 gallons of heating fuel last winter, the Press Herald reported. The article provided information on how to sign up to volunteer with Window Dressers, or to have inserts built for your home.

Press Herald cites UMaine Extension publication as cover crop resource

01 Oct 2018

A University of Maine Cooperative Extension publication was listed as a resource in a [Portland Press Herald](#) article about cover crops. The crops act as temporary placeholders that provide a variety of benefits to the garden, including suppressing weeds in early spring and adding significant nitrogen to the soil, the article states. For more information, the article links to the UMaine Extension [bulletin](#), "Cover Cropping for Success."

Fried quoted in media reports on Collins' swing vote in Kavanaugh confirmation

01 Oct 2018

[Vox](#) and [News Center Maine](#) quoted Amy Fried, a political science professor at the University of Maine, in reports about Sen. Susan Collins' swing vote on whether to confirm Brett Kavanaugh to the U.S. Supreme Court. Fried told News Center Maine this could be the most important vote of Collins' career. "She does have a long track record of supporting every presidential nominee to the Supreme Court, and I think that has to weigh heavily," Fried added. Collins is focused on credentials, and Kavanaugh's are solid, Vox reported. She also is very concerned with Senate procedure, and Kavanaugh's confirmation has been anything but regular order, the article states. "All of those brands are threatened by voting for Kavanaugh," Fried told Vox. On the other hand, "it would be a huge step for her not to support her president's nominee."

The County interviews Brzozowski about hayfields

01 Oct 2018

[The County](#) interviewed Richard Brzozowski, food system program administrator with University of Maine Cooperative Extension, for an article about the effects of dry summers on hayfields. Hay is one of the largest crops in Maine, according to Brzozowski, who oversees the Maine Hay Directory for buyers and sellers of hay. Challenges like new weed pressure and reduced production have resulted from dry summers, the article states. "We've had three relatively dry summers in a row statewide," Brzozowski said. "Most of the grasses in hayfields are cool-season grasses. When we have a dry year, they tend to dry up." The bedstraw weed thrives in dry conditions and can reduce the quality of forage, the article states. "Once the bedstraw is there, it's going to stay there. Once you've got it, it's how you control it," Brzozowski said. Control methods include keeping soil pH above six, mowing fields before the weed goes to seed, and planting legume species like clover and alfalfa into the hay mixture to help combat the effects of dry weather, according to the article. Brzozowski also cautioned against scammers trying to take advantage of the dry summers by targeting buyers in the hay market. "There have been some scam attempts from out of state. Make sure you check before you buy," he said.

UMaine Tick ID Lab cited in BDN article on new mobile app

01 Oct 2018

The University of Maine Tick Identification Lab was mentioned in a [Bangor Daily News](#) article about a new mobile app that identifies ticks using photo recognition software. The "What's My Tick" app was created by Dann Ladd of Belfast and his nephew, Ryan Bilodeau, who is pursuing studies in computer science at Thomas College in Waterville, the article states. Maine is home to 14 different species, according to the UMaine Tick ID Lab. "We always suggest people collect a tick that has bit them in a bag and put it in the freezer with the date on it, just in case you become sick and need to send it in," said Ladd, referring to the Tick ID Lab where people can send ticks for positive identification. [The Keene Sentinel](#) published the BDN article.

News Center Maine, WABI advance annual emergency communications test

01 Oct 2018

[News Center Maine](#) and [WABI](#) (Channel 5) advanced the University of Maine's annual emergency communications system test scheduled for Oct. 1. The test was scheduled to include three outdoor sirens sounding for several minutes and a message sent to people subscribed to UMaine's text alert system. A test message also was scheduled to be posted on the UMaine website and social media accounts, News Center Maine reported. [WVII](#) (Channel 7) also covered the emergency test.

Artist to bring exhibit to UMaine during Domestic Violence Awareness Month

02 Oct 2018

Traci Molloy, an artist and education activist, will give a public presentation at the University of Maine as part of Domestic Violence Awareness Month. The presentation, "Against My Will," will be held at 6:30 p.m. Thursday, Oct. 4 in Minsky Recital Hall. Molloy will speak about the creation of the exhibit and previous collaborations with individuals who have experienced trauma, and her educational outreach initiatives. The presentation will complement an outdoor exhibit of Molloy's work featuring de-identified images and stories of 22 cisgender female survivors of sexual violence or harassment. Molloy's art explores methods for processing trauma and grief, particularly in the aftermath of violence and sexual assault. This exhibit celebrates human resiliency and hopes to provide a voice to marginalized, and often invisible, populations. The exhibit will be on display Oct. 4-25 on the Mall. Molloy also engages in public collaborations with traumatized adolescents and young adults, including children who lost parents in the attacks on 9/11. She has offered artist lectures for numerous government and private agencies and educational institutions including the Pentagon, the Norman Rockwell Museum, Boston University, the University of Southern Maine, DePauw University and Bucknell University, among others. Organizations partnering with Molloy include Big Brothers/Big Sisters of Yonkers, the Studio Museum of Harlem, Boys & Girls Club of Metro Atlanta, Ohio University, Discovery High School of New York and the Center for Grieving Children in Portland, Maine. Her multimedia collaborations have been exhibited internationally in Johannesburg, South Africa, and in Tokyo, Japan, and five of her collaborations are in the permanent collection at the National September 11 Memorial and Museum. Molloy's visit to UMaine has been organized by the Rising Tide Center in partnership with the Art Department, the College of Education and Human Development, the College of Liberal Arts and Sciences, the Honors College, the Division of Student Life and Women's, Gender, and Sexuality Studies. For more information about the exhibit or Molloy's public presentation, contact the Rising Tide Center, 207.581.3439.

The Republican Journal reports UMaine Extension to hold 4-H auction, bake sale

02 Oct 2018

[The Republican Journal](#) reported University of Maine Cooperative Extension 4-H in Waldo County will hold a 4-H auction and bake sale Saturday, Oct. 20 in the Mount View High School cafeteria, 577 Mt. View Road, Thorndike. Preview will begin at noon, and the auction will begin at 1 p.m. All proceeds benefit Waldo County 4-H scholarships and programs, the article states. Public previews of auction items also are available online. For more information or to request a reasonable accommodation, contact Joyce Weaver, 342.5971, joyce.weaver@maine.edu.

Allen quoted in Deccan Herald article about Gandhi in modern times

02 Oct 2018

Douglas Allen, a professor of philosophy at the University of Maine, was quoted in a [Deccan Herald](#) article about the role of Gandhi in the modern world. Allen, who also has been a distinguished chair in Gandhian philosophy at the Indian Institute of Technology Mumbai, told the Deccan Herald that millennials he's spoken with are often "turned off" by Gandhi's principles. "Gandhi does not have some blueprint that can allow us to solve all of the problems facing millennials and post-millennials. Some of what Gandhi wrote was ill-informed and reactionary," said Allen. "For example, when my millennial students read some passages from Gandhi on his advice to those who have been raped, on sexuality, and on birth control, they are shocked and often dismiss him. I then show them how Gandhi sometimes revised these views and how other passages on the status of women are progressive." People tend to generalize Gandhi's views and fail to see him as a person whose ideas shifted over time, according to article. Allen believes Gandhi and his ideas can challenge people today to rethink their values and deepen their understanding of violence and non-violence. This approach can radically change how millennials relate to themselves, their loved ones and the world as a whole, according to Allen.

Cooperative Extension mentioned in VillageSoup article on gleaning

02 Oct 2018

[VillageSoup](#) mentioned the University of Maine Cooperative Extension in the article, "October is Maine School Gleaning Month." Gleaning is an age-old practice in which people harvest crops that farmers have been unable to harvest for market; for example, when produce has blemishes that would prevent farmers from securing a sufficient profit to justify the harvesting effort, according to the article. The Maine Gleaning Network is a group of organizations, including UMaine Extension, that works to connect communities to local farmers. Maine School Gleaning Month is focused on offering a way for teachers to bring students to farms for educational purposes as well as combating food insecurity in Maine students.

Media cite Lobster Institute statistics in reports on calico lobster

02 Oct 2018

[Portland Press Herald](#), [Kennebec Journal](#), [Food & Wine](#), [NECN](#), [The Daily Astorian](#) and the Associated Press cited statistics from the University of Maine Lobster Institute in reports about a calico lobster. Caught off the coast of Pine Point in Scarborough, Maine by lobsterman Anthony Belanger, the lobster is being kept at Belanger's workplace, Scarborough Fish & Lobster. Belanger told media the owners of the business are trying to decide between selling the lobster and donating it to the University of New England, and — inspired by its Halloween-like coloring — have named it "Friendly Krueger" after the horror movie character Freddy Krueger. According to the Lobster Institute, the odds of catching a calico lobster are about one in 30 million. This is more rare than the blue lobster, found once in about 2 million, but more common than the split-color lobster, occurring once in 50 million, or the albino lobster occurring once in 100 million the Press Herald reported, citing the Lobster Institute. [Bangor Daily News](#), [WABI](#) (Channel 5), [U.S. News & World Report](#) and [WGME](#) (Channel 13 in Portland) carried the AP article.

The Quoddy Tides publishes UMM Family Futures Downeast student success story

02 Oct 2018

[The Quoddy Tides](#) published a story about a student who found success at the University of Maine at Machias through the Family Futures Downeast (FFD) program. Vanessa Royer left UMM during her first semester due to personal issues. She's returned eight years later to begin her sophomore year in a bachelor's program in nursing through the FFD program, which assists low-income adults with children through a one-year certificate program at UMM or Washington County Community College. Royer faced debt and challenges of a son born with critical health problems. Through the process of his treatment, she realized that her passion was in nursing. She credits the FFD program with helping her define goals and work to achieve them. The program helps participants overcome barriers to enrolling in college, especially transportation, debt and childcare. Coaches work closely with participants on their unique goals, according to The Quoddy Tides. Parents also receive post-secondary education support and children receive access to early childhood or alternative education. "We are thrilled with its success," said UMM Vice President for Academic Affairs and Head of Campus Andy Egan of the program. "Removing barriers to higher education for parents of young children means that more Washington County families are on the path to financial security."

Morse interviewed about scallop farming on 'Maine Things Considered'

02 Oct 2018

Dana Morse, a marine Extension associate with University of Maine Cooperative Extension and the Darling Marine Center, was interviewed about scallop farming on [Maine Public's](#) "Maine Things Considered" radio show. As the effects of climate change continue to be amplified in the Gulf of Maine, some lobster industry leaders are looking to diversify their work to protect against the unpredictable, Maine Public reports. Morse is working with third-generation fisherman Marsden Brewer and his son Bobby to develop a profitable scallop farm, experimenting with methods used in Japan where scallop farming is a long-standing tradition. Morse visited Japan 20 years ago to research its system and bring that knowledge back to Maine. "The handling system that Marsden and Bob have put together is fabulous, because it allows them to be lobster fishing at one time in the day, then with maybe a half an hour's difference they can be scallop farming. So that's flexibility right there," Morse told Maine Public. [Bangor Daily News](#) carried the Maine Public report.

BSO, Dalton award recipients at annual CCA gala

03 Oct 2018

The Bangor Symphony Orchestra and William "Bill" Dalton, assistant director of catering at the University of Maine, received awards at the annual Collins Center for the Arts gala on Sept. 29. The BSO received the Wilma Award, which reflects a long-standing tradition of community involvement and engagement at the CCA. The BSO played its first concert on Nov. 2, 1896 in Bangor City Hall with Horace Mann Pullen as conductor. In 1986, the BSO performed at the opening of the CCA, then named the Maine Center for the Arts, with Yo-Yo Ma and Isaac Stern, and conductor Werner Torkanowsky. The orchestra is now entering its 123rd season led by Lucas Richman, Grammy Award-winning music director and conductor. The BSO performs in numerous mainstage shows at the CCA every year, including six Masterworks concerts, "The Nutcracker" with the Robinson Ballet and an annual Pops concert, as well as the the Young People's Concerts, which annually draw more than 2,700 students from across Maine. The BSO also is a leader in music education and community programming — the Bangor Symphony Youth Orchestras is entering its seventh season with four ensembles and more than 100 members. Wilma "Willie" Bradford was a member of a small group of local community leaders whose vision and dedication led to the opening of the center. In 2001, in recognition of her unrelenting devotion and ongoing commitment to the center, the outstanding volunteer recognition award was named in her honor. Bradford passed away in July 2017 at age 97. The legacy of service and commitment to the CCA lives on through the award and the amazing individuals and organizations who have received it over the years. Dalton received the new Director's Award, which was created to honor individuals or departments that have gone above and beyond the call of regular work requirements to help continue the tradition of excellence at the CCA. Dalton began working at UMaine in 1982 as the manager of catering and conferences, and remains in the same position after several title changes and an expansion of responsibilities as the campus and its facilities have grown. Dalton has worked closely with the CCA administrators since the 1986 opening gala. He has many stories about the performers and their sometimes strange food requests, the themed dinners, the challenges of different venues, and the wonderful people he has met and worked with over the years. He remembers everyone's dietary restrictions and their year of graduation. This year's CCA gala dinner was held prior to the Melissa Etheridge "Yes I Am" 25th Anniversary Tour show. The farm-to-table theme emerged from conversations about the gala's decor, which featured a number of windows and was inspired by Etheridge's song "Come to My Window," which earned her a Grammy Award for Best Female Rock Vocal Performance. Sponsors of the gala included University of Maine Foundation, lead sponsor; Eaton Peabody Attorneys at Law, Wilma Award sponsor; Sutherland Weston, Dead River Company, First National Bank, First Advisors and Quirk Auto, corporate sponsors; CCA Advisory Board, reception sponsor.

Nationwide emergency alert system test Oct. 3

03 Oct 2018

FEMA, in coordination with the Federal Communications Commission, will conduct a [nationwide test](#) of the [Emergency Alert System](#) and [Wireless Emergency Alerts](#) beginning at 2:18 p.m. Oct. 3.

UMaine Extension offers course on farm business management

03 Oct 2018

University of Maine Cooperative Extension is holding a multisession course this fall for those who want to start a profitable farm or expand their farm hobby to a profitable business. Taught by UMaine Extension educators, "So You Want to Farm in Maine?" is scheduled in five counties:

- Oct. 2, 9, 16 and 23; UMaine Extension Penobscot County, 307 Maine Ave., Bangor;
- Oct. 9, 16, 23, 30 and Nov. 6; UMaine Extension Cumberland County, 75 Clearwater Drive, Suite 104, Falmouth;
- Nov. 1, 8, 15 and 29; Gardiner Area High School, 40 W. Hill Road, Gardiner;
- Nov. 5, 8, 13 and 15; UMaine Extension Washington County, 28 Center St., Machias;
- Nov. 6, 13, 20 and 27; UMaine Extension Aroostook County, Natural Resources Conservation Services, 735 Main St., Presque Isle;

The \$50 per person fee (\$59 Gardiner location) includes the textbook “Starting and Running Your Own Small Farm Business” by Sara Aubrey. Successful course completion qualifies participants for FSA Borrower Training Credit. For more information or to request a reasonable accommodation, contact Lynne Hazelton, 781.6099, lynne.b.hazelton@maine.edu. More information is [online](#).

Extension fact sheet cited in Ridgway Record article about tussock moth caterpillars

03 Oct 2018

The [Ridgway Record](#) cited a University of Maine Cooperative Extension [fact sheet](#) in an article about white hickory tussock moth caterpillars. The article dispelled internet rumors that the caterpillar is poisonous, when it actually is not. The hickory tussock moth is widespread throughout the northeastern and north central United States and parts of Canada, according to the article. The caterpillar’s hairs can cause irritation or a rash in some individuals, but nothing life-threatening. In some people, “the rash can be much more severe and long-lasting, and a doctor’s visit might be warranted to speed one’s recovery and ease the symptoms/discomfort,” according to the fact sheet.

Forbes mentions Flagship Match Program in article on colleges lowering tuition

03 Oct 2018

[Forbes](#) mentioned the University of Maine’s Flagship Match Program in an article about colleges lowering tuition. As colleges try to reach enrollment goals, some are considering departing from the approach of simultaneously increasing tuition and financial aid, and also trying to attract more out-of-state students. The article mentioned UMaine as an institution that has made progress in this area by establishing the Flagship Match Program several years ago. The program allows students from several other states to attend UMaine for the same price they would have paid as an in-state student at their home state’s university.

UMaine study cited in VegNews article about gut health

03 Oct 2018

A [VegNews](#) article about gut health cited a University of Maine study on blueberries and their benefits for digestive health. In response to recent popularity of bone broth for maintaining digestive health, the article proposed several vegan alternatives, including blueberries. Blueberries are a simple, sweet treat whether cooked or raw, and are full of healthy antioxidants, phytoflavonoids, vitamin C and potassium, the article states. Blueberries can alter the balance of gut microbe and improve digestive health, according to the study led by Vivian Chi-Hua Wu, a UMaine associate professor of microbiology and food safety.

Maine Public mentions Center for Cooperative Aquaculture Research in article about elver startup

03 Oct 2018

[Maine Public](#) mentioned the University of Maine Center for Cooperative Aquaculture Research in an article about American Unagi, an elver growing startup founded by Sara Rademaker. The center, located in Franklin, provides facilities and resources for entrepreneurs to conduct research and development and grow their aquaculture businesses. Rademaker raises the eels in the center’s recirculating aquaculture system, which she told Maine Public “is a stepping stone to our commercial production.” [Bangor Daily News](#) carried the Maine Public article.

The Hill quotes Fried in article about role of Kavanaugh confirmation in 2020 election

03 Oct 2018

[The Hill](#) quoted Amy Fried, a professor of political science at the University of Maine, in an article about how Sen. Susan Collins’ vote either for or against confirming Brett Kavanaugh to the U.S. Supreme Court could influence support for her in future campaigns. “A lot of Republicans would be unhappy with her if she voted against Kavanaugh. And it would probably reduce her overall approval ratings if she did vote for Kavanaugh, because if you look back to the exit polls of 2014 she won significant numbers of Democrats,” said Fried. Sen. Collins has not announced how she plans to vote in the confirmation, or if she is planning to run for re-election, according to the article.

The Ellsworth American previews concert with Phillip and Noreen Silver

03 Oct 2018

[The Ellsworth American](#) previewed a concert performance by the Forelle Trio, consisting of University of Maine faculty members Phillip and Noreen Silver, as well as violinist Richard Hsu. Pianist Phillip Silver, a professor of music, piano and musicology at UMaine, and cellist Noreen Silver, an instructor of cello and chamber music at UMaine, have performed extensively both nationally and internationally. The trio with Hsu was formed last year, according to the article. The performance featuring selections from Schubert and Dvorak will be part of the Ellsworth Community Music Institute’s Midday Concert at 1 p.m. Oct. 8 at the Gen. Bryant E. Moore Community Center. Admission is free.

Biddeford Journal Tribune cites UMaine Extension in article about common loon

03 Oct 2018

The Biddeford [Journal Tribune](#) cited a University of Maine Cooperative Extension [fact sheet](#) in an article about a common loon found on the side of the road in Buxton. The loon was found off the side of Narragansett Trail on Sept. 25 and was reported to the Maine Warden Service. The loon was taken to Avian Haven, a wild bird sanctuary in Freedom, where it is doing well, the article states. The common loon is a water bird that usually nests near large, clear lakes with rocky shoreline. They are skilled swimmers and divers, but awkward when flying or walking, and primarily consume small fish — up to two pounds per day, according to the fact sheet.

BDN interviews Porter, Camire about variety in potatoes

03 Oct 2018

The [Bangor Daily News](#) interviewed University of Maine faculty members Greg Porter, a professor of agronomy, and Mary Camire, a professor of food science and human nutrition, for the article, “The science behind why one potato is good for mashing and another is better for soups.” “A lot of things affect the flavor of individual potato varieties,” Porter said. “Climate, temperatures, moisture and day length all affect the physiology of the plant and the type of materials that end up in the tuber, but the most important factor in taste is variety.” The amounts of sugars and starches in a potato influence the unique flavor and texture of each variety, the article states. “Potatoes that are low in moisture but with high sugar and starch contents like russets or Yukon Golds are better baked, mashed, fried or roasted. More waxy potatoes like round reds have a higher moisture content but less starch and will hold their shape better when cooked, so work better in salads or soups,” Camire said. And at the cellular level, phenolic compounds primarily found in a potato’s skin also influence its flavor, as well as protect the potato from some pests, according to the BDN. This growing season began cool and dry before switching to a long, hot stretch followed by rain. “That combination probably resulted in delayed tuber growth and the development of more sugars,” Porter said. “There are a high number of phenolic compounds in the potatoes [and] they are affected by the conditions, [and] if people are saying potatoes taste different this year from last year, that could be why.” [Fiddlehead Focus](#) published an excerpt of the BDN article.

Media report UMaine to partner with companies on digital badging initiative

03 Oct 2018

[Mainebiz](#), [WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported the University of Maine is one of seven colleges involved in a yearlong national 21st Century Skills initiative to promote interpersonal job skills in students through the use of digital badges. UMaine will connect students with employers at Bangor Savings Bank and Northern Light Health who have committed to considering job applications from UMaine students who have earned badges. UMaine will work with the Education Design Lab, a Washington, D.C.-based nonprofit, to offer coursework and activities to develop skills including intercultural fluency, communication and resilience, for which the badges will be awarded, according to Mainebiz. The initiative is the first of its kind to bring schools and employers together to understand how badges can improve the hiring process and success of students, WABI reported. “Everybody needs 21st century skills — oral communication, critical thinking, collaboration,” Claire Sullivan, UMaine associate dean for community engagement, told WVII. “And so this is a way to demonstrate that, not just to say a line on your resume that you have these skills, but you actually have the artifacts to back that up.” The artifacts could include research papers, work history or videos demonstrating a student’s skills and listed under the corresponding badge, according to WVII.

Cutler Health Center accepting appointments for employee flu shots

04 Oct 2018

Employees of the University of Maine and Systems Office, and their dependents over the age of 18, covered under the UMS Cigna health insurance plan are eligible to receive the flu vaccination at Cutler Health Center. The vaccine being administered is the Quadrivalent version. Bring your health insurance card at the time of your visit, and consider wearing a short sleeve shirt or a shirt that can easily be rolled up, as the vaccination will be given in the upper arm. Access to Cutler Health Center is through the front entrance facing the Bennett parking lot. You may park in patient parking, but will need to obtain a parking pass during check in. Women who are pregnant must receive permission from their doctor to receive the flu vaccination (documentation is required). Clinics begin Friday, Oct. 5. For more information and to schedule an appointment, visit umaine.edu/flushot.

Lord Hall Gallery hosts exhibition of contemporary prints by Maine, Japanese artists

04 Oct 2018

“Maine and Aomori Print Exchange: Selected Images” will be on display Oct. 5 through Nov. 9 in Lord Hall Gallery at the University of Maine. The exhibition is a collaboration between Lord Hall Gallery and the Maine-Aomori Printmaking Society (MAPS), an annual art exchange featuring the work of 20 contemporary printmakers from Maine and Aomori, Japan. The exchange is hosted by the nonprofit organization Friends of Aomori, located in Portland, Maine. The prints are held permanently in the collections of the Munakata Shiko Memorial Museum of Art in Aomori City and at the Friends of Aomori. “Maine and Aomori Print Exchange: Selected Images” will include 44 prints chosen by the curators, Laurie E. Hicks, professor of art, and Briar Pelletier, an art history alum of UMaine’s Department of Art. The exhibition marks the first time prints from the exchange will be exhibited simultaneously in Maine and Aomori City. An opening reception will be held 5:30–7 p.m. Friday, Oct. 12 in Lord Hall Gallery. The public is invited. The exhibition is free and open to the public. Lord Hall Gallery is open 9 a.m.–4 p.m. Monday through Friday, and is wheelchair accessible.

Richmond Register includes UMaine Extension recipe in article on fall garden sanitation

04 Oct 2018

The [Richmond Register](#) included a recipe from University of Maine Cooperative Extension in an article about sanitation for orchards and vineyards in preparation for winter. The article provided tips on thorough sanitation practices to reduce the presence of disease-causing pathogens that could reemerge in subsequent years if not properly addressed. Fall cleanup efforts can reduce the need for fungicides and improve the effectiveness of disease management practices, the article states. Fall also means pumpkin season — the article concluded with the UMaine Extension [recipe](#) for roasted pumpkin seeds.

Mainebiz cites School of Forest Resources presentation in article about new truck driver training program

04 Oct 2018

[Mainebiz](#) cited a presentation from the University of Maine School of Forest Resources in an article about a new addition to the Dexter-based Tri-County Technical Center’s commercial driver’s license training program. The new program, focused on wood products driving, is in partnership with members of the logging industry and aimed at high school students, who will have the opportunity to intern with a company during summer or be selected for an apprenticeship opportunity leading to full-time employment, the article states. It’s designed to help address an overall driver shortage, according to Mainebiz. On any business day in Maine, 2,300 truckloads of Maine forest wood are on the road, traveling an average of 90 miles one way, according to the [presentation](#).

“Forest trucking industry in Maine: A review on challenges and resolutions” by Anil Koirala, a master’s student in the School of Forest Resources, and Anil Raj Kizha, an assistant professor of forest operations at UMaine.

Beal quoted in New York Times article on green crabs

04 Oct 2018

The [New York Times](#) quoted Brian Beal, a professor of marine sciences at the University of Maine at Machias, in an article about green crabs. A Canadian variety of green crab, noted as being “highly aggressive,” poses a threat to Maine’s soft-shell clam population and to eelgrass, a habitat for other marine creatures, according to the article. Efforts to reduce the effects of the crabs on the local ecosystem have included fencing off the habitats of soft-shell clams to keep out the crabs, and turning the crabs into culinary and other commercial products. Since the crabs have no native predator in North America, the only check on their population is cold winters, the article states. But rising temperatures in the Gulf of Maine mean “conditions are becoming more and more favorable for green crabs to survive and populate areas,” said Beal. [The Bulletin](#) of Central Oregon and the [Independent](#) included versions of the article in roundups of science briefs.

Extension awarded \$180K federal grant, Press Herald reports

04 Oct 2018

The [Portland Press Herald](#) reported the University of Maine Cooperative Extension was awarded a \$180,000 grant by the U.S. Department of Agriculture’s National Institute of Food and Agriculture. The grant will support a program to assist farmers with disabilities, according to the article.

Bangor Daily News tells story of Gill’s brush with death in Siberia

04 Oct 2018

The [Bangor Daily News](#) told the story of University of Maine assistant professor of paleoecology and plant ecology Jacquelyn Gill’s near-death experience in Siberia and the lessons emerging from it. Gill traveled to the remote village of Belaya Gora, Russia to participate in research with permafrost caves as one of four featured scientists in a documentary titled “Ice Age Fossils in the Permafrost” by London-based company Renegade Pictures, set to air on television this winter, according to the BDN. She had planned to spend 10 days in Siberia, but the trip stretched to more than a month as a result of illness. The film’s shooting schedule, including travel time, had Gill and the rest of the team working without breaks for 16-hour days. The work involved long periods of sitting, a risk factor for deep vein thrombosis (DVT), the BDN reported. The last day of the trip, Gill was more exhausted than usual. “I was struggling with one small bag to load on the truck to take us to the plane, and I just couldn’t get enough air — and then the sides of my vision were closing in. I remember thinking, ‘I am not going to die here,’” Gill told the BDN. Gill spent six days in the intensive care unit before a transfer to a regular hospital room. After two weeks she was discharged, but had to wait almost 10 more days for an air ambulance to bring her back to the United States. She’s seeing a doctor in Bangor while still recovering from DVT in both legs and pulmonary embolism in both lungs, according to the report. Gill hopes her story can help raise awareness about deep vein thrombosis, both the causes and ways to prevent it. She said a fitness training program over the summer probably saved her life. “This has taught me to listen to your body,” she said. “And if you want to start prioritizing your health, don’t wait.” Despite this experience, she’s still glad she had the research opportunity. “Seeing those incredibly well-preserved ice age fossils and mummies in the permafrost caves was one of the most incredible experiences of my life,” Gill said. “Even after everything, I’m still excited to go back there.” [Maine Public](#) and [WGME](#) (Channel 13 in Portland) carried the BDN story. The Associated Press also reported on Gill’s experience; [U.S. News & World Report](#), Charlotte Observer and The State carried the AP report.

WABI, WVII cover fifth annual March Against Domestic Violence

04 Oct 2018

[WABI](#) (Channel 5) and [WVII](#) (Channel 7) covered the fifth annual March Against Domestic Violence on the University of Maine campus on Oct. 3. The march was held on the Mall at noon, and was followed by speakers on the steps of Fogler Library. The march honored victims of domestic violence, and raised awareness about abuse people in Maine experience every day, WABI reported. Nine Maine female victims of domestic violence — including two children — who died within the past year, and local teacher Amy Bagley Lake and her children, who died in 2011, were honored with a moment of silence, according to WVII. “I definitely think it’s important so [victims] can seek help and then they can see that people are trying for a change,” said CJ Bowen, president of Maine Business School Corps. “One of the things we’re trying to get students to understand is that they have a responsibility to help change the culture,” said Robert Dana, vice president for student life and dean of students at UMaine. “Being able to recognize that it’s not OK for anyone to treat you in a hurtful way is powerful,” said Lynn Coutts, senior associate director of athletics at UMaine. “Many people can’t speak up. They may feel trapped. They may be scared. See something, say something.” The event was sponsored by MBS Corps in partnership with UMaine Athletics, Student Life, Bangor-based Partners for Peace and others.

Fernandez to participate in climate change panel

04 Oct 2018

Ivan Fernandez, a University of Maine professor of soil science and forest resources and cooperating professor in the Climate Change Institute, will participate in a panel discussion titled “Losing Winter: Climate Change in Ski Country and What We Can Do About It.” The panel, sponsored by the Citizens’ Climate Lobby, will be held at 3 p.m. Saturday, Oct. 6 at the Sugarloaf Outdoor Center in Carrabassett Valley, Maine.

Updated hazing survey finds disconnect between students’ experiences, willingness to label it

04 Oct 2018

A new study led by University of Maine professor of higher education Elizabeth Allan on the prevalence of college hazing and students’ attitudes about hazing behaviors provides fresh insights to inform prevention efforts. Ten years ago, Allan and UMaine colleague Mary Madden published a nationwide survey of college students’ experiences, attitudes and perceptions about hazing on campus. In September, the “Journal of Student Affairs Research and

Practice” published results of a more recent survey looking at the same questions. Whereas the previous survey was a national sample of more than 11,000 college students, this one involved about half that number and looked at seven schools involved in the Hazing Prevention Consortium, a group of colleges and universities collaborating on research-informed practices designed to stop hazing. “It’s still a lot of students,” Allan says. “But it’s a little different because it’s a subset of campuses that made a strong commitment to the Hazing Prevention Consortium for three years and may not be fully representative of all colleges and universities.” According to the new study, 26 percent of students involved in campus organizations, clubs or teams reported experiencing at least one behavior that meets the definition of hazing in order to join or maintain membership in the group. Allan defines hazing as “any activity expected of someone joining or participating in a group that humiliates, degrades, abuses, or endangers them regardless of a person’s willingness to participate.” The 26 percent is a significant change from results of the study a decade ago. Then, more than half of students reported experiencing such behavior. But Allan cautions against attributing the decline to any one factor. “We can’t really say that it’s a direct result of the consortium,” she says. “It could also be a level of awareness that students are maybe more savvy and not wanting to report certain behaviors compared to 10 years ago. We just don’t know.” The new survey points to ongoing concerns noted in the previous research, including the prevalence of hazing across a variety of organizations on the campus. Hazing is not just a fraternity or sorority problem, Allan says. It also occurs in academic clubs, service clubs, marching bands and other performing arts organizations, faith-based groups, and more. Another similarity to the previous study is the disconnect between students’ hazing experiences and their willingness to label it as such. “We don’t ask them directly—have you ever been hazed?—until the end of the survey,” Allan says. “Instead, we ask about behaviors. And only one in nine students who said they experienced behaviors that meet the definition of hazing acknowledge being hazed.” David Kerschner, a doctoral candidate in higher education at UMaine and one of Allan’s collaborators on the new study, says the study builds on the national survey in the analysis of descriptive data as it relates to hazing. For example, researchers found a significant relationship between gender and attitudes and perceptions toward hazing. Students who identify as female were more likely to agree with statements like: “It can be hazing even if someone agrees to participate”; “Hazing is not an effective way to create bonding”; and “There is no good reason to haze new members of a group.” “Students who identify as male were generally more likely to be supportive of hazing or indicate that it serves a purpose,” Kerschner says. Publication of the survey research comes on the heels of another journal article in which Allan, Kerschner and co-author Jessica Payne laid out a [hazing prevention framework](#) based on the work of the Hazing Prevention Consortium. The first group of institutions to participate in the collaboration wrapped up its work in 2016. Last year, the consortium started working with a new cohort of colleges and universities from across the country. “We’re continuing to collect data,” Allan says, “to analyze specific strategies and their effectiveness at changing attitudes and behavior, and preventing hazing at the individual, group and campuswide levels.” Contact: Casey Kelly, 207.581.3751

Value of Maine’s reuse markets focus of three-year study

04 Oct 2018

The relationship between community resilience and reuse markets is the focus of a recently funded project led by University of Maine researchers. Cynthia Isenhour, a professor of anthropology and climate change, and Andrew Crawley, a professor of regional economic development, were awarded \$265,147 from the National Science Foundation to examine Maine’s reuse markets and their potential to advance social, environmental and economic public policy goals. The award for the first year of the project is \$85,738. The study is part of “ResourcefulME,” a three-year research project designed to explore Maine’s vibrant culture of reuse — yard sales, flea markets, Uncle Henry’s, thrift stores, antique shops, community swaps, lending libraries — and the value of these practices for economic development, social resilience and natural resource conservation. “Policies designed to encourage reuse are popping up all over the country, as cities and states have learned how effective reuse can be for climate mitigation, waste reduction and natural resource conservation,” says Isenhour, who also is a faculty associate in the Senator George J. Mitchell Center for Sustainability Solutions. “Maine already has a vibrant reuse economy which raises all sorts of interesting questions about its cultural roots and whether there are lessons here in Maine that might be valuable for encouraging reuse in other locales.” While recycling aims to recover reusable components and materials from waste to produce new goods, reuse refers to recirculating goods in their original form. Despite claims of economic and environmental benefits, reuse economies are significantly understudied, according to the researchers. The researchers define reuse as the redistribution of previously owned material goods through a transfer of ownership such as a sale, swap, barter or gift, or a temporary use agreement to borrow, rent, lease, share or loan. Isenhour and Crawley use a combination of geospatial analyses, economic modeling, surveys and ethnography to examine diverse reuse exchanges at national, regional and community levels. Through national geospatial analyses and ethnographic grounding in rural Maine, Isenhour and Crawley aim to advance theory in studies of regionalism, place-based development, and local processes supporting economic resilience. More about “ResourcefulME” is [online](#). Contact: Elyse Catalina, 581.3747

Communication technology can help teens connect with fathers who don’t live with them, study finds

05 Oct 2018

Communication technology plays a major role in the relationships between teens and their nonresident fathers, new research from a University of Maine professor finds. Cellphones, email, social media and apps facilitate more frequent and meaningful communication that allows children and fathers who live apart to feel better connected, according to Patrick Cheek, visiting assistant professor of human development and family studies. Research has long shown that dads who don’t live with their kids are more likely to grow emotionally detached. That can lead to worse outcomes for children in terms of academics and behavior problems, as well as increased levels of poverty and hardship. However, Cheek says recent studies suggest that nonresident fathers’ involvement in their children’s lives is on the uptick, with fewer fathers having zero contact with their kids. “Higher involvement is related to things like fathers being more likely to pay child support on a regular basis, and increased social well-being of their children,” says Cheek, lead author of a study published recently by The Family Journal, titled “The Facilitating Role of Communication Technology in Nonresident Father-Teen Relationships.” According to Cheek, previous research on fathers who don’t live with their children focused on in-person visits or contacts via landline telephone or letter writing. The role of new communication tools hadn’t been examined as thoroughly. In addition, fathers who are separated from their children geographically may have been unintentionally left out of research focused on face-to-face contact. “If you look back just 15 years, or even a decade, the whole arena has changed,” Cheek says. The number of children in the U.S. with nonresident fathers has grown in recent decades. Four in 10 kids live in a single-parent household, and in about 80 percent of cases the live-in parent is a mother, Cheek says. Factors contributing to the rise include divorce, as well as the increasing number of children born outside marriage. As communication technology makes it easier for nonresident fathers to stay involved in their children’s lives, Cheek’s study looked at the meanings teens attach to those interactions. In interviews with individuals who had grown up in a nonresident father household, he identified three themes associated with father-teen contact through new communication technology. The first theme was that these new ways to communicate were important and meaningful in a variety of ways. They helped fathers and teens maintain contact despite busy lives. They allowed communication to be ongoing and less sporadic. They even allowed teens and nonresident fathers to circumvent a live-in parent who’s not on good terms with their former partner. “The landline phone might ring and the resident parent — maybe a mother — might say: ‘Don’t pick that up, it’s not your dad’s time to call,’” Cheek says. “That phenomenon has really changed due to technology.” The second theme was that technology is able to make children and fathers feel part of the same world. Cheek says several study participants mentioned communication technology’s role in involving dads in events they otherwise wouldn’t have a chance to

participate in, whether due to geographical barriers or poor relations with the live-in parent. “One person talked about sending selfies during graduation, and how that made their dad feel involved even though he wasn’t physically present,” says Cheek. “Another person said when they found out what colleges they got into they were able to text their dad and share the excitement with him.” The flip side of that was children who talked about using technology to control how much access their fathers had in their lives. A few participants talked about blocking their dads on social media. Some felt judged by their father’s comments. But Cheek says others talked about wanting to protect their dad’s feelings. “There would be all of these family events with pictures and everything, and of course, dad wouldn’t be part of those. So one participant limited what dad could see, so he wouldn’t feel bad,” he says. In family studies, Cheek says that although it’s generally good to monitor children’s technology use, the ability for teens to control their parents’ access could in some cases be beneficial to their development — for instance, if they have lots of instability in other aspects of their lives. Cheek says this is something he wants to explore in future research. The third theme Cheek found in his research was that technology helped children and nonresident fathers do family process — what he calls “the act of doing family.” For example, when a nonresident father is no longer part of the physical family unit, it can be hard to involve both parents in decision-making. “One participant talked about how technology helped circumvent the ‘mom-said-this, dad-said-that’ phenomenon,” Cheek says. “One participant recalled wanting to go to a school dance and be out after curfew for the first time, and mom said it was too big of decision for her to make alone, so she added dad to the text conversation.” Besides having implications for families, Cheek says his research could be applied by family therapists to increase involvement of nonresident fathers in co-parenting relationships regardless of existing barriers such as geography. Cheek warns that communication technology should not be thought of as a replacement for in-person contact. “In my research, most people actually prefer in-person contact with their nonresident father. The catch is that in-person contact is low or nonexistent in many situations,” he says. Previous research has shown that forcing families to do things together can be harmful in when there’s a lot of conflict. In these situations, forcing kids to FaceTime with dad, for example, could make things worse. “I would say communication technology is most useful in relationships that are positive. Father-teen relationships that are heavily strained or have a lot of tension might not benefit from technology,” Cheek says. Although research has shown that communication between nonresident fathers and their children is increasing, further study is needed to show how much overall. In addition, Cheek says it is difficult for researchers to keep up with the constantly changing fads in communication technology. Since mobile phones and the like were not part of everyday life for previous generations, future studies would also benefit from including fathers’ perceptions of technology’s role in their relationships with kids. Contact: Casey Kelly, 207.581.3751

UMaine organizations sponsor installment of bike repair stations on campus

05 Oct 2018

The University of Maine campus is now home to four bike repair stations. The stations include maintenance tools and a bike pump, and can be used by any UMaine community members in need of a tune-up. Stations are located at Maine Bound, Fogler Library, Sawyer Environmental Research Center and the New Balance Student Recreation Center. Lisa Carter, assistant director for Maine Bound, and Dan Dixon, director of sustainability, pioneered the idea. Then Maine Bound employees and the Office of Sustainability did volunteer work last fall as part of the funding effort, and the conversation grew, leading to a collaboration with Student Government. The Professional Employees Advisory Council funded the station by Sawyer, and Student Government funded the other three. Maine Bound is responsible for the maintenance of the stations, which will each sport a decal recognizing the group that funded it. Jeremy Chubbuck, associate executive director of facilities management for maintenance and operations, and Josh Young, facilities maintenance manager, installed the stations on campus.

2018 Highmoor Farm Fall Harvest Sale Oct. 10

05 Oct 2018

Staff members from the University of Maine’s Highmoor Farm in Monmouth will be on campus Wednesday, Oct. 10 for the farm’s annual fall harvest sale. Several varieties of apples, pumpkins and squash will be available 10 a.m.–4 p.m. near Cyrus Pavilion Theatre. The rain date is Thursday, Oct. 11. A list of available apple varieties and prices is online. For more information, contact Greg Koller, Highmoor Farm’s superintendent, at 933.2100, gkoller@maine.edu.

Morning Call mentions UMaine in article on science company expansion

05 Oct 2018

The [Morning Call](#) mentioned research collaboration from the University of Maine in an article about an expansion of Lampire Biological Laboratories in Pipersville, Pennsylvania. Lampire has begun production of lobster hemocyanin, a protein found in lobsters and related animals that has a range of uses in the biomedical field, the article states. Gregory Krug, president and CEO of the company, told the Morning Call the lobster hemocyanin research originated from a collaboration with UMaine scientists.

School of Economics study cited in BDN article on craft beer

05 Oct 2018

The [Bangor Daily News](#) article “Thirst for craft beer continues across US, Maine” cited a March 2017 study from the University of Maine School of Economics. All 50 states saw an increase in the number of breweries between 2012 and 2016, during which the total number nationwide grew from 880 to 2,802, the article states. And according to data from the Maine Brewers’ Guild, the number of craft brewers in Maine has increased almost 40 percent since January 2017, from 93 to 130, the BDN reported. On average, six craft breweries opened annually statewide in the past decade, according to the UMaine study, which was released by the Maine Brewers’ Guild. The groups are collaborating on a new study to be released in early January, according to the BDN.

Penobscot Bay Pilot article on shrimp cites UMaine model

05 Oct 2018

The [Penobscot Bay Pilot](#) article “Shrimp count remains low, depleted” mentioned a model developed by University of Maine researchers. The population of shrimp is still depleted and spawning stock biomass has been extremely low since 2013, according to the article. The 2018 stock assessment of the shrimp fishery investigated three models, with the preferred one being a statistical catch-at-length model created by Yong Chen, a UMaine professor of marine sciences, and his postdoctoral research assistant Jie Cao. The model divides northern shrimp stock into size groups and tracks changes in the proportion of

shrimp in each group across seasons and years to produce estimates of fishing mortality and population size, the article states.

The Ellsworth American previews talk about soft-shell clams by Beal Oct. 10

05 Oct 2018

[The Ellsworth American](#) previewed a talk about soft-shell clams by Brian Beal, a professor of marine sciences at the University of Maine at Machias. Beal will speak about his decades worth of research on the clams at a public meeting of the Lamoine Conservation Commission at 7 p.m. Oct. 10 at the Lamoine Consolidated School. Commercial clam landings in Maine have steadily declined since the mid-1980s, and reached an 80-year low in 2017. Discussion will focus on experimental field trials designed to study the underlying cause of clam declines, according to The Ellsworth American.

The Republican Journal advances Hutchinson Center exhibit by Finch

05 Oct 2018

[The Republican Journal](#) advanced a gallery exhibit by Belfast artist Jerri Finch at the University of Maine Hutchinson Center's H. Allen and Sally Fernald Art Gallery. The exhibit will run Oct. 12–Dec. 3. An artist's reception featuring a talk by Finch on her life and work will be held 5:30–7:30 p.m. Oct. 12 at the center, The Republican Journal reported. For more information or to request a reasonable accommodation, contact Nancy Bergerson, 338.8049.

WABI covers student walkout

05 Oct 2018

[WABI](#) (Channel 5) covered a student walkout on the University of Maine campus, part of a nationwide movement to protest the confirmation of Brett Kavanaugh to the Supreme Court. Protesters — and counter-protesters — gathered outside Fogler Library after the walk Oct. 4. "My message would first be to Susan Collins. Your constituents are speaking and if you are not willing to listen, we will get you out of your seat," said Kirsten Daley, a protester and president of the Black Student Union. "My other message to the folks on this campus is there are people who believe you. We should be listening to survivors, we should be making sure that our Supreme Court is fair for everyone." Charles Honkonen, president of UMaine College Republicans, had a different view. "We feel [Kavanaugh]'s been put through the ringer in the terms of guilty before proven innocent, and we live in America. We live in a state, in a country where innocence in a sense above all is cherished and upheld in our courts," he said.

Sharma interviewed by WAGM about Aroostook County Field Day

05 Oct 2018

[WAGM](#) (Channel 8 in Presque Isle) interviewed Lakesh Sharma, a soil specialist with University of Maine Cooperative Extension, for a segment of The County Ag Report about Aroostook Farm Field Day. Aroostook Farm has hosted the field day annually since 2015 to give researchers and farm workers a chance to share insights about the past year. This year's event had a turnout of between 70 and 80, WAGM reported. Sharma noted that applying phosphorus to the already phosphorus-rich soil in Aroostook County does not make a difference in potato yield, and that a lot of research is being done with different varieties. "We start with the crossing in the greenhouse. You get two with the qualities that you desire, and then you try to pollinate them, cross them, and work your way from there," said Sharma. "It takes a long time to come to a new variety like Caribou Russet. You can go from eight to 10 years before you can come up with that."

WABI reports bog boardwalk to close early for season

05 Oct 2018

[WABI](#) (Channel 5) reported the Orono Bog Boardwalk will close six weeks earlier than usual to accommodate ongoing reconstruction efforts. The boardwalk, which is jointly managed by the University of Maine, the city of Bangor and the Orono Land Trust, has been under construction for the past eight years, with planned completion in 2019, according to the report. "We spend probably 4,500 hours every year out here and this will take a few hundred volunteer hours to get everything done," said Jim Bird, the director of the boardwalk. He estimated almost 25,000 people have used the boardwalk since it opened for the season in May. The boardwalk closes this year on Saturday, Oct. 13, WABI reported.

NSF Programs and Funding Opportunities Workshop Oct. 11

09 Oct 2018

The University of Maine Office of Research Development (ORD) will host an informational session on National Science Foundation (NSF) programs and funding opportunities from 10–11:30 a.m. Thursday, Oct. 11 in the Bangor Room of the Memorial Union. The session will begin with a welcome from Vice President for Research and Dean of the Graduate School Kody Varahramyan, and opening remarks from President Joan Ferrini-Mundy. ORD staff will give an overview of upcoming NSF funding opportunities, and a panel of NSF-funded UMaine faculty will share their insights on successful grant writing. The session is open to the UMaine community. For more information, contact Jason Charland, 581.2461, jason.charland@maine.edu.

Study abroad applications for spring semester programs due Oct. 15

09 Oct 2018

At the University of Maine Study Abroad Fair Sept. 20, students took advantage of the opportunity to talk with program provider representatives, and peers returned from studying abroad and those currently on direct exchange from UMaine's partner universities across the globe. In 2017–18, UMaine sent about 135 students to study abroad in programs of varying length and emphasis. Some students are interested in intensive language study, while others prefer to take courses that will satisfy general education requirements in their UMaine curricula. Still others find courses that will apply directly to their major. No matter the emphasis, few return home unchanged by the cultural experience of spending weeks to months in an area of the world previously unfamiliar to them, and

having gained lifelong friends from all around the world. With most financial aid applicable to a semester or year abroad, and often to summer sessions as well, and many program-specific and country-specific scholarships offered, a student usually can find a program to suit not only his or her interests and academic requirements, but also the financial resources available. UMaine students interested in exploring options can visit the Office of International Programs any weekday from noon-4 p.m. when classes are in session to talk with a peer adviser. Application deadlines for January and spring semester programs with direct exchange placement (still open for many locations) will be accepted until Oct. 15; applications to UMaine for approval to study abroad with a third-party provider also are due by Oct. 15, but students must remember that they will have to meet the provider's deadline as well.

UMaine's Homecoming 2018 to be celebrated Oct. 26–28

09 Oct 2018

The University of Maine will celebrate Homecoming 2018 with several events on campus Friday through Sunday, Oct. 26–28. Homecoming weekend kicks off Friday afternoon with campus and building tours, and a field hockey game against University of Vermont at 3 p.m. Also on Friday is the Maine Heritage Lecture, given by Kathryn Olmstead at 4:15 p.m. in the Collins Center for the Arts, and women's ice hockey will take on University of New Hampshire at 6 p.m. Saturday highlights include an Admissions Open House beginning at 9 a.m., UMaine football vs. Albany at 1 p.m., an opening reception for the Edith Marion Patch Exhibit at the Page Farm and Home Museum at 2 p.m., and the Alumni Concert at 7:30 p.m. in Minsky Recital Hall. On Sunday there will be a Symphonic Band and Jazz Ensemble Homecoming Concert at the CCA at 2 p.m., and women's ice hockey will play Boston College, also at 2 p.m. 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 on the UMaine Alumni Association [website](#).

Press Herald cites Lobster Institute statistics in report on lavender, calico lobsters

09 Oct 2018

The [Portland Press Herald](#) cited statistics from the University of Maine Lobster Institute in a report on lavender and calico lobsters caught outside Portland Harbor. Greg Turner, co-owner of Turner's Lobster in Scarborough, caught a lavender-colored lobster several weeks ago. His son, who fishes from his own boat, caught a calico lobster in July, the Press Herald reported. They decided to display both lobsters at their lobster pound to give customers a chance to see the rare coloration. Turner said he had caught a few calico lobsters previously during his career of more than 25 years, but never a lavender one. He is considering donating the lobsters to an aquarium, or releasing them back into the ocean, but refuses to cook them. Calico lobsters are rare — occurring once in 30 million — while blue lobsters are found once in 2 million, according to the Lobster Institute. [Sun Journal](#) published the Press Herald article.

The Ellsworth American reports UMaine Extension presents annual awards

09 Oct 2018

[The Ellsworth American](#) reported University of Maine Cooperative Extension presented three awards at the annual meeting of the Hancock County Extension Association Thursday, Sept. 27. The 2018 Leadership in Action Award for a local nonprofit was given to Kitty Barbee, representing Eastern Maine Development Corp. (EMDC), the largest economic development district in Maine. EMDC has partnered with UMaine Extension on business conferences, consultations and workshops, the article states. The 2018 Annette Valenoti Leadership in Action Award was given to Dorcas Corrow and Eva Eicher of Sweet Haven Harvest for Hunger Farm in Seal Cove. Over the last eight years, they have grown and donated almost six tons of fresh produce to community members in need, according to the article. Alia Parsons of Bucksport received the 2018 4-H Youth Leadership in Action Award. Parsons has held many leadership positions in and outside of 4-H, and supports and participates in many Hancock County 4-H programs, The Ellsworth American reported.

The Republican Journal advances talk by Knowles Oct. 20

09 Oct 2018

[The Republican Journal](#) advanced a talk by Anne Knowles, a professor of history at the University of Maine, to be held at 3 p.m. Saturday, Oct. 20 at the Old Professor's Bookshop, 99 Maine St., Belfast. "Telling the Story of the Holocaust in Maps" will focus on new information obtained by constructing maps from historical data such as the development of concentration camps, the article states. The talk is part of the bookstore's monthly "Shop Talk" series. Knowles, a distinguished professor, author and cartography expert, as well as co-founder of Holocaust Geographies Collaborative, believes maps make the past real and exciting, The Republican Journal reported. "They are a thrilling medium of expression, revealing invisible patterns of human action and how they change over time," said Knowles.

Mount Desert Islander reports Maine Bound partnered in adaptive climbing trip

09 Oct 2018

[Mount Desert Islander](#) reported Maine Bound at the University of Maine was a partner in an adaptive climbing trip at Acadia National Park Saturday, Oct. 6. Maine Bound partnered with the Adaptive Outdoor Education Center at Sugarloaf Mountain in Carrabassett Valley, and professional instructors from the Acadia Mountain Guides Climbing School in Bar Harbor volunteered their services, the article states. The center offers activities to provide enrichment and improve self-confidence of people with disabilities, including adaptive sailing, adaptive water sports, skiing for children with autism and an indoor climbing program. A group of individuals with physical, cognitive or intellectual disabilities climbed Otter Cliff Saturday in the center's first outdoor climbing trip. The group included five pre-teens and two women who are members of the Boston-based Adaptive Climbing Group. The center hopes to hold more outdoor climbing programs in the future.

3D computer modeling simulates impacts, depicts most efficient arrangement for tidal turbines

09 Oct 2018

A unique computer model developed by University of Maine researcher Lauren Ross can aid energy-producers and decision-makers implementing tidal

turbine farms in estuaries. The model simulates the impact and benefits of the geographic location of tidal turbine farms and the most efficient way to arrange them, allowing energy-producers to save in testing and planning costs. Ross, an assistant professor of civil and environmental engineering, gained knowledge of tidal turbines in estuary systems in the Southwest coast of France. The model offers valuable data showing the effects of placing power-generating turbines in waterways that experience tides. It has positive implications for local and national companies moving to expand the market for clean energy. “With the current state of our climate, we need to focus our methods for generating electricity away from fossil fuels,” says Ross. “I think tidal energy is one of the most promising ways we can do that in the future.” More on this story can be found [online](#). Contact: Christel Peters, 207.581.3571

Three graduate students study rockweed, ‘a system of curiosity’

09 Oct 2018

Rockweed is sometimes called an “ecosystem engineer,” because its branched structure alters the surrounding environment, and creates space for other species to find shelter and food. The marine alga also is a valuable source of nutrients and other compounds with commercial purposes. In the past decade, increased harvesting has led to questions about the effects on the “engineered” ecosystem of a rockweed bed — queries that are driving Hannah Webber’s research. Webber graduated from the University of Maine in 1998 with a master’s degree in zoology. In her position as research and education projects manager with Schoodic Institute, she brought the Signs of the Seasons project on rockweed phenology to Schoodic Point. Once she started studying the rockweed ecosystem, she found that it became more than just a beautiful aspect of the Maine coast, but “a system of curiosity.” “And rockweed had all of these issues about harvesting and questions about impact and regrowth,” she says. Curious, she decided to focus more deeply on rockweed, and pursue a Ph.D. with Amanda Klemmer and Brian Olsen in UMaine’s School of Biology and Ecology, and Jessica Muhlin, associate professor of marine biology at Maine Maritime Academy, who received funding from Maine Sea Grant in 2018 to study rockweed ecology. Two other graduate students are part of the project. Elliot Johnston is studying the birds that use rockweed as habitat, and Hannah Mittelstaedt is looking at invertebrates. “It is so nice to finally have a comprehensive research project on rockweed,” says Muhlin, whose specialty is marine algae, which she studied while earning her Ph.D. at UMaine. “We have Brian looking at birds, Amanda the food web, Hannah the physical system. It’s really a good group, a true collaboration with equal emphasis on all parts.” Rockweed grows back after it is cut by harvesters, but often in a different shape. Instead of a stringy seaweed with a few long, single fronds, rockweed regenerates multiple, shorter, branching fronds into a bushier form. “The reason for this is that harvest reduces the canopy cover, and suppressed shoots have more sunlight to grow in, and the wounding response to the cut at the frond often induces more growth,” Muhlin says. In this first year of her research, Webber is trying to figure out how to measure this architecture and its relationship with the invertebrate community that lives in and on rockweed beds. “What’s important?” she asks. “Complexity? Height? I had no idea.” So she designed an experiment to find out. On a cool, sunny day in mid-September, Webber and Muhlin visited one of the experimental locations in Gouldsboro to retrieve samples of the rockweed. First they had to hike two miles down an old four-wheeler road through the mossy spruce woods in the Gouldsboro Bay District of Maine Coastal Islands National Wildlife Refuge. The trail ended at a small clearing on the rocky shoreline. The sample location was straight ahead, about fifty feet from the shore, marked with buoys cut from foam pool noodles. Webber manufactured cylindrical mesh bags that she placed over individual rockweeds, attached to the base near the holdfast and to the buoys near the surface. The collectors had been out for a full tidal cycle. Retrieving them meant inflating a paddleboard, paddling out on the ebbing tide, pulling up the bags and cinching them at both ends to capture the frond and any associated bugs or larvae that may have been present. Cinching completed and the tide continuing to drop, Webber waded out in mask and snorkel to cut the rockweed where the bag was tied around the base near the holdfast, releasing the sample. She dove into the water, scissors in hand. Three hours later, scissors lost and scissors found, samples collected, paddleboard deflated, samples packed up and dragged through the woods with an ice-fishing sled, Webber returned to her laboratory (her front porch) to process the samples, a relatively simple affair involving a ladder, a shower curtain and a camera. First, she rinsed the samples to wash off the invertebrates, which were sealed and preserved for later identification (a perfect job for winter time). Then, on a shower curtain on the porch, she spread out each frond and individual branchlet, measured the length of each shoot, and took a photograph from the top of an eight-foot ladder. Webber will run each photo through a computer program to determine the “fractal perimeter,” a proxy for rockweed structure that Webber selected after reviewing research on other plants. Fractals are complex patterns of geometric shapes that repeat at different scales. They are found throughout nature, in snowflakes and the branching of human veins, trees and rivers. There are fractals in ocean waves and grains of sand. The perimeter (a count of how many repeats of the shape) can provide a numeric value for branching. “Rockweed branch like crazy. How do we say ‘This is more branchy, and so more complex?’ We break down the complex branching into smaller and smaller boxes (like zooming in and zooming out), then we can get at a pattern of the branching. Doing this on all of our rockweed samples allows us to compare crazy branching from one sample to the others,” says Webber. The results, combined with the weight of each rockweed and measurements of temperature and light from within the rockweed beds, and information about invertebrates and birds collected as part of the larger study, will be shared in discussions about the future of rockweed, and rockweed harvesting, in Maine. With so many questions and controversy surrounding rockweed harvesting in the last decade, everyone is interested in the data. Harvesters, concerned landowners, ecologists, and citizen scientists all want to know how cutting and removing rockweed affects the ecosystem. Some are participating in the research project, while others will have the chance to learn the results of the project at a 2020 symposium coordinated by Webber and her team. Contact: Catherine Schmitt, 207.581.1434

Mook Sea Farm scientist to discuss aquaculture in changing waters

10 Oct 2018



[caption id="attachment_63348" align="alignright" width="223"] Meredith White[/caption] Meredith White, head of research and development at Mook Sea Farm, will give a talk at 11 a.m. Oct. 12 in Brooke Hall at the University of Maine Darling Marine Center in Walpole. “Aquaculture in changing waters: How an oyster farm leverages science to prepare for environmental change” will focus on how Mook Sea Farm, two miles north of the DMC on the Damariscotta River Estuary, has improved its research program to be more resilient in the face of ocean acidification and other climate change impacts. White earned a Ph.D. in biological oceanography from the MIT-Woods Hole Oceanographic Joint Program. Her research focused on the impacts of ocean acidification on larval bay scallops. White, who was hired in 2016 by company founder Bill Mook, develops and supports research that’s relevant to the health of the industry and the seascape, and advances the company’s sustainability and vitality. “While this is the first time that R&D has an official position at Mook Sea Farm, innovation has been in the DNA of this company since its founding in 1985,” she says. Mook Sea Farm grows American oysters (*Crassostrea virginica*) from eggs to adults. At the hatchery, 80 to 100 million juvenile oysters (seed) are produced annually to sell to other oyster growers in the Mid-Atlantic and Northeast. The hatchery also cultivates Wiley Point and Pemaquid Point oysters for the half-shell market. Mook Sea Farm collaborates with scientists and students at the DMC. For decades, the center’s business incubation program, together with Maine Sea Grant and Maine Aquaculture Innovation Center, has supported innovation at Mook Sea Farm and other aquaculture companies in the state. For more information about the free, public talk or to request a reasonable accommodation, contact Linda Healy at 563.8220, lhealy@maine.edu.

Thirteenth annual UMaine Clinical Geriatrics Colloquium Oct. 12

10 Oct 2018

The aging-in-place movement has heightened the imperative that living environments meet the diversity of needs of older residents. Innovative approaches to making the residential environments of older adults safe, healthy, affordable and personalized continue to challenge policymakers, planners and service providers alike. High-functioning housing communities are crucial to realizing the highest quality of life of older residents, whether they reside in independent living, assisted living, memory care or continuing care communities. This year’s University of Maine Center on Aging colloquium, “Innovative Living Environments for Older Adults,” the 13th annual convening of the event, will explore the many perspectives and insights aimed at ensuring that the settings in which older adults live, work and play enable them to flourish physically, socially and emotionally. The colloquium will be held 7:45 a.m.–4 p.m. Oct. 12 at Wells Conference Center. Regular registration (\$60) includes all colloquium materials, continental breakfast, lunch and refreshment breaks. Registration information can be found [online](#) or by contacting Kelley Morris at 262.7920, kelley.morris@maine.edu.

UMaine to host World Languages Day Oct. 12

10 Oct 2018

More than 100 Bangor and Brewer area high school students studying French and Spanish are expected to participate in World Languages Day 8:30 a.m.–1:30 p.m. Oct. 12 at the University of Maine. The annual event, hosted by UMaine’s Department of Modern Languages and Classics, will be an immersion day in French and Spanish with activities including a culture bowl, scavenger hunt, skits, music and dance, games and poetry recitation. UMaine faculty, staff and students, including members of the French Club and Spanish Language Club, will lead the activities in collaboration with the Foreign Language Association of Maine (FLAME) with the goal of enhancing language instruction.

Machias Valley News Observer reports on Engineering Pathways at UMM

10 Oct 2018

[Machias Valley News Observer](#) published the article, “UMM tackles ‘acute’ statewide shortage with new engineering program.” The article focused on the University of Maine at Machias’ new Maine Engineering Pathways program which allows academically prepared students to start their engineering program at UMM and, after successfully completing the first year program, transfer into an engineering major offered at the University of Maine in Orono or University of Southern Maine in Portland. “When I realized that the Engineering Pathways program existed, that’s when I really wanted to get into the University of Maine at Machias so I could do it and still be close to home,” said Emma Rogers, a UMM freshman from Mount Desert Island who had spent summers with family in Machias. Engineering Pathways was developed to make it easy for students with an interest in engineering to get their feet wet at a smaller, local campus, then transfer to UMaine or USM to complete their degree, according to the article. “The big problem we’re trying to solve is that Maine needs more engineers. We are not producing enough,” said Dana Humphrey, dean of UMaine’s College of Engineering. Though the engineer shortage is a nationwide phenomena, Humphrey said it’s particularly acute in Maine. “Twenty-seven percent of engineers working in Maine right now are 55 or older,” he said. “Someone like Emma is going to get in at exactly the right point in time, when these folks are retiring.”

Sun Journal quotes Fried in article on Maine’s 2nd District race

10 Oct 2018

The [Sun Journal](#) spoke with Amy Fried, a political science professor at the University of Maine, for the article “Control of U.S. House could hinge on Maine race.” With a month to go before Election Day, the contenders for Maine’s 2nd District congressional seat — Republican incumbent Bruce Poliquin and Democratic challenger Jared Golden — are locked in one of the closest races in the country, according to the article. “It’s going to be a very, very well-funded race,” Fried said, with the candidates and outside groups running a stream of ads on television, cable and online. Fried also said it’s telling that neither Golden nor Poliquin talks about President Donald Trump much, an indication the president remains popular in the district but not so popular that his influence can propel the Republican to victory, the article states. The [Portland Press Herald](#) also published the Sun Journal article.

McCue panelist on ‘Greenlight Maine’ episode

10 Oct 2018

Angela McCue, innovation engineering outreach manager at the University of Maine’s Foster Center for Student Innovation, was a judge on a recent episode of “[Greenlight Maine](#).” The second episode of the fourth season features Heather Lux with True North Beauty and Michele Gilfoil with Planet Botanicals as they present their businesses in front of sponsor judge April Fowler with Day’s Jewelers and panelists McCue and Quincy Hentzel of Portland Regional Chamber of Commerce. “Greenlight Maine” is a statewide collaboration of entrepreneurial catalysts and corporate leaders, designed to promote and mentor the development and growth of business in the state. The episode aired on [News Center Maine](#) and is on [YouTube](#).

Wahle’s lobster research featured in Down East magazine

10 Oct 2018

[Down East](#) magazine published an article focused on research conducted by Richard Wahle, a professor in the University of Maine School of Marine Sciences and director of UMaine’s Lobster Institute. After more than 30 years of ever-increasing landings, the Maine lobster catch plunged 16 percent in 2017, and scientists and fishermen are concerned that it may prove to be a grim turning point, according to the article. “A lot of the work we’re doing is trying to understand how environmental and fishing pressures are influencing trends in the abundance of lobsters, both geographically and over time,” said Wahle, a marine ecologist who has been studying lobsters around the world for 30 years. Scientists like Wahle believe a combination of factors contributed to the lobster boom, but the biggest contributor appears to be climate change, the article states. “We’re interested in testing nursery monitoring as a forecasting tool or early warning system for the fishery: do ups and downs in baby-lobster settlement translate into ups and downs in the fishery?” Wahle asked. “The value of having a predictor tool is greater than ever because we’re so precariously dependent on this single fishery right now.” [Saving Seafood](#) also published the Down East article.

News Center Maine covers Northern Maine Children’s Water Festival

10 Oct 2018

[News Center Maine](#) reported on the biennial Northern Maine Children’s Water Festival held at the University of Maine. The event promotes active learning about water issues to teach students the value of clean water and healthy habitats, and to provide teachers with relevant classroom resources that support evidence-based instruction. More than 600 fourth, fifth and sixth graders and their teachers were expected to attend. “A lot of Maine children are out in the outdoors, they go fishing, they go swimming. So it’s good to know that the water that they’re swimming in and fishing in is clean and that the animals can thrive there and the fish can thrive there and that the drinking water that comes out of their faucet is clean,” said event organizer Ruth Hallsworth, strategic program manager at the Senator George J. Mitchell Center for Sustainability Solutions. [WVII](#) (Channel 7) also reported on the event.

Hutchinson Center announces Mindful Leadership Certificate Program

11 Oct 2018

The University of Maine Hutchinson Center in Belfast is offering a two-day workshop on mindful leadership 8:30 a.m.–3:30 p.m. Oct. 12 and 26. The focus of the workshop is bringing mindfulness to daily work life, including tools and techniques for implementing mindfulness at work to enhance focus, clarity, relationships and results. The workshop includes a light breakfast, refreshments, lunch and materials. The cost is \$215 per person, with need-based scholarships available. Upon completion, a UMaine certificate in Mindful Leadership will be awarded. Continuing education units (CEUs) are available. Registration is [online](#). For more information or to request a reasonable accommodation, contact Diana McSorley at 338.8093, diana.mcsorley@maine.edu.

Hutchinson Center to display work of Jerri Finch

11 Oct 2018

Works of Belfast artist Jerri Finch will be featured in the University of Maine Hutchinson Center’s H. Allen and Sally Fernald Art Gallery Oct. 12 through Dec. 3. Growing up as one of eight children in a working class family, Finch pursued three years of art studies at three colleges. Between each year of college, she worked for a year to fund her educational expenses. Finch held a variety of jobs, including telephone operator, lineman for New Jersey Bell, driver for L’eggs pantyhose and rip-saw operator at an Oregon sawmill before returning to her calling as a professional artist. In 1981, Finch settled in Belfast and started Finch Gallery. The Hutchinson Center exhibit is the culmination of many years of focus, discipline and observation. A free public artist’s reception will be held 5:30–7:30 p.m. Oct. 12, featuring a talk by Finch on her life and work. For more information or to request a reasonable accommodation, contact Nancy Bergerson at 338.8049. Additional information about the Hutchinson Center is [online](#).

Workshop to focus on external partnerships, commercialization

11 Oct 2018

The Office of Innovation and Economic Development and the Vice President for Research and Dean of Graduate Studies Office will host an Introduction to External Partnerships and Commercialization Workshop for University of Maine faculty, staff and student researchers. The workshop will help participants learn how to take their research further through external partnerships and commercialization. Attendees will learn the fundamentals of funding and developing

innovations in a university setting, understand the various pathways to the marketplace, get exposure to campus resources, and learn about additional professional development offerings that will soon be available. The workshop will be held at the Foster Center for Student Innovation 12:30–2 p.m. Oct. 16, 4–5:30 p.m. Nov. 14 and 8–9:30 a.m. Dec. 6. For more information or to RSVP, email Matthew Hodgkin at matthew.hodgkin@maine.edu.

Stancioff co-writes BDN op-ed on transportation emissions

11 Oct 2018

Esperanza Stancioff, an extension professor with the University of Maine Cooperative Extension and Maine Sea Grant, co-wrote an opinion piece for the [Bangor Daily News](#) titled, “Rising transportation emissions are a threat to Maine’s environment.”

WVII covers Expanding Your Horizons

11 Oct 2018

[WVII](#) (Channel 7) reported more than 400 middle school girls took part in Expanding Your Horizons at the University of Maine. The event, which has been hosted by UMaine for more than a decade, facilitates connections between middle school girls and professional women in science, technology, engineering and mathematics (STEM) to provide accessible role models and to generate interest in STEM careers through high-quality, hands-on activities. More than 20 middle schools were represented at this year's conference, the report states.

Maine Public interviews Brewer for report on independent voters

11 Oct 2018

[Maine Public](#) spoke with Mark Brewer, a political science professor at the University of Maine, for the report, “Analysts say Maine independent voters aren’t all that independent.” Most independent voters do lean either toward the Republican or Democratic party, and they tend to vote accordingly in general elections, the report states. Brewer said this growing perception — that voters who shun political parties are also highly objective — has been shown in studies to be inaccurate. “We have this image of the highly informed, highly educated, independent voter who tracks things carefully and makes up their own mind. That’s a myth,” he said. Brewer added there are some true independent voters who do not lean toward either major party, but he said they are small in number.

Blackstone quoted in Moneyish article on child-free choice

11 Oct 2018

Amy Blackstone, a professor of sociology at the University of Maine, was interviewed by [Moneyish](#) for the article, “Why these women chose to be child-free — and why that’s completely fine.” “I love my life as it is,” Blackstone said of her decision not to have kids. “And I feel that parenting is such an important job, and such a hard job, that to ask anyone to do it who is not 100 percent into doing it is not in the best interest of children or of parents — or of really anybody.” Blackstone, a prominent researcher in the child-free movement, grew up assuming she would become a parent — and played a considerable role in socializing herself toward that role, according to the article. But around her mid-30s, as many of her friends were having kids or planning for a family, she realized she wasn’t feeling that same pull toward motherhood, the article states. Blackstone set out to understand what was “wrong” with her, she said, only to discover there was “absolutely nothing wrong with me.” What started as a personal quest transformed into her chosen field of study. She now runs the blog “We’re Not Having a Baby!” with her husband and wrote the forthcoming book “Childfree by Choice.”

Zoe Vittum: Early college puts high school student one step ahead in her career goals

11 Oct 2018

Balancing a variety of classes is challenging — especially across three different schools, and with a job on the side. Zoe Vittum, a junior at Brewer High School, takes classes there as well as through the Early College program at the University of Maine and its equivalent at Husson University. After finishing the majority of her high school coursework needed for graduation, she looked for a new challenge. One of her friends worked at the UMaine Advanced Manufacturing Center (AMC) during a gap year, and recommended she apply. So she did — and worked there full time this summer. Now she works part time to fit the job into her busy academic schedule. At her high school, Vittum is a member of the FIRST Robotics Team, part of the international organization FIRST (For Inspiration and Recognition of Science and Technology) that works to engage and inspire youth to participate in science. And she’s had an interest in the subject for as long as she can remember, which really took off when she joined the high school team as an eighth grader. She’s found her experience with the team ties in closely with the design and robotics work at AMC, where she’s worked primarily on two projects. One involved a partnership between AMC and Maine Manufacturing Extension Partnership (Maine MEP) to help Saco, Maine-based Xuron Corp. improve its most popular product, a small flush-cutting tool. AMC’s work improved manufacturing efficiency and product quality, especially by designing and manufacturing new grinding fixtures to reduce the process from using three machines to two. Vittum was involved with much of the design work and manufacturing components for the fixturing. The other project is in more initial stages of research and development, and involves an automated system for drying kelp to produce a more consistent and higher-quality product. UMaine faculty members Balunkeswar (Balu) Nayak, an associate professor of food processing in the School of Food and Agriculture, and Peter van Walsum, an associate professor in chemical and biological engineering and the Forest Bioproducts Research Institute, are leading the research. Vittum did the majority of the design and manufacturing test parts. Vittum plans to maintain this balance for the next two years to take advantage of the opportunity to take free college courses before graduating with her class. She plans to enroll at UMaine with double degrees in biomedical engineering and mechanical engineering, with a minor in robotics. “I think it’s a great opportunity to be able to start taking classes within the scope of my major in high school to see if that’s what I want to do,” says Vittum. “It’s an opportunity that many students don’t have, which can end up costing them more time in college.” Outside of school she plays softball, and mentors for the FIRST Lego League, a program for youth in grades K–4.

Social media spotlight: Angus Koller

11 Oct 2018

Hometown: Monmouth, Maine This summer, a senior chemistry major Angus Koller interned in the American Chemical Society Summer School in Nuclear and Radiochemistry at San Jose State University, and was named the program's Outstanding Student. "I love chemistry because I've always been curious about the world around me, and chemistry gives us an amazing insight into the world that we interact with, how it works, and how we can utilize that knowledge to benefit society. I'm doing research with Barbara Cole's research group for my senior thesis in natural products analytical chemistry, studying a condition called soggy breakdown that occurs very readily in Honeycrisp apples. The cause of the condition is still debated, so I am looking at a chemical basis for it. I'm also very interested in nuclear chemistry. This summer I was in an intensive program covering the basics of nuclear chemistry, along with radiation safety and laboratory exercises. One of the most memorable experiences was when our group was brought to the Lawrence Livermore National Lab where we toured the National Ignition Facility (NIF), which does fusion research. I plan to attend graduate school and study nuclear chemistry. I'm particularly interested in actinide chemistry and radio-organometallic chemistry. UMaine has this kind of family feeling to it. Especially in the chemistry department, everyone works together and is willing to help one another out. The faculty are also amazing and incredibly helpful. In my free time, I like to hike and do Brazilian Jiu-Jitsu, and I'm a volunteer firefighter in Monmouth, Maine." See posts featuring Koller on UMaine's [Facebook](#) and [Instagram](#) pages.

City of Bangor recognizes University of Maine Museum of Art for its contributions

11 Oct 2018



[caption id="attachment_63388" align="alignright" width="252"] UMMA director George Kinghorn[/caption] The University of Maine Museum of Art (UMMA) was recognized by the City of Bangor for its presence downtown and its "many contributions to the cultural, social and economic life of the community." At its Oct. 10 meeting, Bangor City Council announced the recognition, noting that the University of Maine Art Collection was founded in 1946 by Vincent Hartgen with a goal of providing the people of the state with opportunities to experience and learn about the arts, and their history and cultural significance. Since 2002, the museum has been a cornerstone in downtown Bangor, where it has "contributed significantly to the resurgence of the arts," according to the Bangor City Council. UMMA is the only institution that is fully owned by the state of Maine that houses a permanent fine arts collection. It includes more than 4,000 original works of art by renowned artists such as Andy Warhol, Roy Lichtenstein, Edward Hopper, Pablo Picasso and others. UMMA also holds a preeminent collection focused on the heritage of Maine art and artists. More information about UMMA and the hundreds of public events it hosts annually is [online](#). In addition to exhibits, those events include children's activities, family programming, classes and lectures.

Coming Out Week 2018 to be celebrated Oct. 15–19

12 Oct 2018

Coming Out Week is an annual weeklong series of events that celebrate coming out as lesbian, gay, bisexual, transgender, queer (LGBTQ) or as an ally. This year marks the 30th anniversary of the first National Coming Out Day, and the 20th anniversary of the murder of Matthew Shepard. At UMaine, LGBTQ Services and Wilde Stein collaborate with campus partners to recognize Coming Out Week with educational and social events aimed at celebrating the LGBTQ community on campus. This year, events held Oct. 15–19 will include Drag Queen Bingo, Coming Out Monologues and a performance by award-winning spoken word artist Lacey Roop. Wilde Stein also will be tabling in the Union all week. The full schedule for the week is [online](#).

Fogler Library to host free patent and trademark conference

12 Oct 2018

As part of its 25th anniversary celebration, the Patent and Resource Trademark Center at the University of Maine's Raymond H. Fogler Library will host a free, one-day conference for inventors, entrepreneurs, educators, students and legal professionals. The Oct. 16 conference will feature sessions on intellectual property and patent and trademark research, as well as a panel of local small-business experts. A half-day conference also will be held Oct. 17 for librarians and researchers who handle questions from the public about patents and trademarks. The conference is free, but registration is required. The full conference schedule and registration are [online](#). The Patent and Resource Trademark Center (PRTC) is the only such center in Maine. Services available at the center include one-on-one assistance for patent/trademark research and the use of all resources needed to do a complete patent or trademark search, including proprietary databases not available elsewhere. More information about the many services available through PRTC is [online](#).

Graduate School Open House Oct. 16

12 Oct 2018

The University of Maine Graduate School will hold its annual open house 4–6 p.m. Oct. 16 in Stodder Hall. Representatives from more than 100 graduate and professional programs, as well as individuals from the Office of Financial Aid, UMaine Online and Army ROTC will be on-site to answer questions and

address concerns about enrolling in a graduate program that suits your needs. Prospective students are invited to meet the graduate academic community and learn about the exciting programs UMaine has to offer. There also will be free refreshments and raffle prizes. More information and registration are [online](#).

20th annual Engineering Job Fair to be held Oct. 17

12 Oct 2018

More than 152 companies are expected to be represented at the University of Maine's 2018 Engineering Job Fair on Oct. 17. The 20th annual event, which is expected to attract more than 1,000 students, will be held from 10 a.m. to 3 p.m. at the New Balance Student Recreation Center. Co-sponsored by the UMaine College of Engineering and Career Center, the fair 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. Seventy percent of the companies are looking for summer interns. 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. 18 to interview students. Those attending the event are encouraged to download the "Careers by Symplicity" mobile app for a fair map, links to employer websites and live updates. This year marks the largest number of represented companies at the fair, which has grown from 12 during its inaugural event. More information, including a [list](#) of the companies scheduled to attend, is on the Career Center [website](#). The event is underwritten by Tambrands Inc., a Procter & Gamble Company, with additional support from several industry sponsors. A complete list of sponsors is [online](#).

UMaine Extension 4-H to participate in National Youth Science Day, Sun Journal reports

12 Oct 2018

The [Sun Journal](#) reported the University of Maine Cooperative Extension 4-H will join more than 150,000 young people taking part in the 11th annual 4-H National Youth Science Day challenge throughout October. This year's challenge, "Code Your World," was developed by Google and West Virginia University Extension Service to get youth involved in computer science through hands-on activities focused on topics such as digital animation, gaming and dance. On Oct. 18, students at McMahon Elementary School in Lewiston will be invited to a family event that will kick off their 4-H year. UMaine Extension 4-H partners with McMahon Elementary School to support youth learning both during and after school as part of the 4-H Community Central project. Community Central integrates 4-H science, life skills and leadership development with schools, communities and families in Lewiston and Portland.

Brewer quoted in Morning Sentinel article on Poliquin letter about shuttered mill

12 Oct 2018

Mark Brewer, a political science professor at the University of Maine, was quoted in the [Morning Sentinel](#) article, "Poliquin sends letter to constituents implying shuttered Madison mill remains open." The congressional office of U.S. Rep. Bruce Poliquin erroneously sent a letter last month to hundreds of constituents in Maine's 2nd District implying that the now-shuttered Madison Paper Industries mill is still open and was helped by a 2015 trade decision the Republican congressman supported, according to the article. The mill closed in May 2016, laying off about 215 people, increasing property taxes in Madison and adding to the loss of paper industry jobs in Maine, the article states. "This constituent mailing was in fact sent in error," a spokesman for Poliquin said in an email. Brewer said it's likely the mistake was an honest one by Poliquin's office that doesn't necessarily reflect poorly on the congressman's campaign or his candidacy. "It's strange, but it's likely it's exactly what his office said it is — a mistake," Brewer said. The [Sun Journal](#) and [The Times Record](#) also published the article.

Pendse speaks with WABI about Maine's pulp production future

12 Oct 2018

Hemant Pendse, director of UMaine's Forest Bioproducts Research Institute, spoke with [WABI](#) (Channel 5) about the recent sale of the Old Town mill. The institute has a research center in the mill's warehouse, which city officials say will remain on the property, the Associated Press reported. In June, ND Paper LLC bought the Rumford paper mill announcing plans to invest millions of dollars in the site. Now, the company is increasing its presence in the state by purchasing the Old Town pulp mill that closed its doors three years ago, WABI reported. "Maine's future in pulp production is still bright," Pendse said. "The market in the craft pulp area are coming back. The quality of the pulp they make in Old Town, I think, can compete globally, and recent changes in wood supply availability in the Old Town region are positive right now." [Mainebiz](#), [Portland Press Herald](#) and [Bangor Daily News](#) also reported on the sale of the mill. [U.S. News & World Report](#) carried the AP article.

Winter Session registration begins Oct. 22

12 Oct 2018

University of Maine's Winter Session will run Dec. 27, 2018 through Jan. 16, 2019. Registration begins Oct. 22. The 35 available online courses will include several high-demand classes that fulfill general education requirements as well as a few 300- and 400-level options. Winter Session courses are intensive in nature, with students earning three credits in three weeks. Winter Session continues to grow and has become an integral part of UMaine and [Think 30](#). Think 30 is a campuswide initiative that encourages students to take 30 credits per year to graduate in four years and reduce student loan debt. Year-round online courses, Summer University and Winter Session are opportunities to help students stay on track. Last year, more than 1,200 students completed a Winter Session course, up 27 percent over last year and 72 percent higher over the first year. Now in its fourth year, Winter Session offers students 35 online courses to choose from. For more information, including a list of courses and how to register, visit the Winter Session [website](#).

UMaine Extension awarded funds to continue AgrAbility

15 Oct 2018

The Maine AgrAbility project has received a \$720,000, four-year grant from the USDA National Institute of Food and Agriculture (NIFA) in ongoing support of its outreach, information and networking efforts. The project, part of NIFA's [Assistive Technology Program for Farmers with Disabilities](#), is a partnership

between University of Maine Cooperative Extension and Alpha One, Maine's Center for Independent Living. Maine AgrAbility works directly with farmers, loggers and fishermen, as well as agricultural service providers, by offering educational workshops, on-site assessments and technical assistance. This free resource is available to agricultural workers and their family members with a physical, cognitive or illness-related disability or chronic health condition so they may remain active in production agriculture, fishing or forestry. Maine is one of [21 state AgrAbility projects](#) nationwide. Since 2010, Maine AgrAbility has provided direct services and technical assistance to more than 480 agricultural producers in the state. Nationwide, farmers with disabilities who participated in the AgrAbility program report significantly greater quality of life and independent living and working. More information about Maine AgrAbility is available [online](#) or by contacting Lani Carlson, Maine AgrAbility project coordinator, 207.944.1533, maine.agrability@maine.edu.

UMaine a partner in farmer development program, Lancaster Farming reports

15 Oct 2018

[Lancaster Farming](#) reported the University of Maine is a partner in the Beginning Farmer and Rancher Development Program (BFRDP), a federal grant program funded by the Farm Bill and operated by the USDA National Institute of Food and Agriculture. The program supports education, mentoring and technical assistance programs for beginning farmers and ranchers. UMaine is one of the partners for Dairy Grazing Apprenticeship, the first formal agricultural apprenticeship in the country and one of the projects funded by the BFRDP, according to the article.

PennLive cites UMaine study in report on hazing backlash

15 Oct 2018

[PennLive](#) cited a 2008 University of Maine study in the article, "Hazing backlash has college fraternities under siege across America." The [study](#), which was conducted by researchers Elizabeth Allan and Mary Madden, found that 50 percent of fraternity and sorority members surveyed said they had experienced hazing, according to the report. Allan recently updated the study and found 26 percent of students involved in campus organizations, clubs or teams reported experiencing at least one behavior that meets the definition of hazing in order to join or maintain membership in the group.

Turner Publishing advances Extension beginner sheep farming workshops

15 Oct 2018

[Turner Publishing](#) advanced a series of University of Maine Cooperative Extension workshops for new and aspiring sheep farmers. Topics include breed selection, husbandry, health, nutrition, reproduction, housing and handling, and workshops will conclude with a lamb lunch or dinner and carving demonstration, the article states. Workshops are free and will be held in locations around the state from Nov. 5–19. Registration is online. For more information or to request a reasonable accommodation, contact Melissa Libby, 581.2788, melissa.libby1@maine.edu.

WABI reports bike repair stations installed on campus

15 Oct 2018

[WABI](#) (Channel 5) reported four bike repair stations have been installed on the University of Maine campus. The stations were placed in key locations including Fogler Library and the New Balance Student Recreation Center, and the project was funded by Student Government and the Professional Employees Advisory Council, WABI reported. "Sustainable transportation is one of the big things that we push here on campus. And if you don't have the tools to keep your bike in working order then you're less inclined to use a bike, obviously," said Daniel Dixon, director of sustainability at UMaine. "So these hopefully will go a long way to ensuring that more and more students use bikes." If the stations are well-received, more could be installed, according to WABI.

Press Herald quotes Bartlett in article on farming steelhead trout

15 Oct 2018

The latest article in the [Portland Press Herald's](#) "Green Plate Special" column quoted Christopher Bartlett, a research scientist with Maine Sea Grant and the University of Maine Cooperative Extension. The article focused on experiments farming steelhead trout. While Maine has no steelhead trout farms, UMaine recently conducted a three-year study with Cooke Aquaculture to test whether mussels could grow alongside Atlantic salmon at Cooke's sites in Machias Bay and Cobscook Bay, the article states. The study demonstrated the two species could grow in conjunction and also that the mussels could ingest larval sea lice, an external parasite of the salmon that can be problematic for large finfish farms, according to Bartlett, a finfish aquaculture specialist. Cooke's officials stopped mussel production after the research project concluded, Bartlett said. [Undercurrent News](#) also reported on the study.

BDN reports on collaboration to toughen lobster shells

15 Oct 2018

A new collaboration among researchers at the University of Maine and Saint Joseph's College of Maine was included in a [Bangor Daily News](#) business roundup. The researchers plan to work with seafood wholesaler Ready Seafood Inc. of Portland to create an environment where a soft-shell lobster can turn into a hard-shell one after it has been trapped to increase the value of the lobster harvest in the state. The project also involves better understanding lobster physiology and increasing their survival rates during shipping, according to the article. The effort will be funded by part of a \$2.25 million award from the Maine Technology Institute's Technology Asset Fund. Almost \$100,000 of that will support the universities' research in laboratories, the article states.

The Forecaster interviews Groden about brown-tail moth research

15 Oct 2018

[The Forecaster](#) interviewed Eleanor Groden, a professor of entomology at the University of Maine and director of UMaine's brown-tail moth research project,

about her recent findings. The brown-tail moth is an invasive species that damages hardwood trees and shrubs, and its hairs can cause a rash and breathing issues in humans, the article states. The project is in collaboration with the Maine Forest Service, and is focused on determining the cause of the brown-tail moth's spread throughout Maine and eco-friendly ways to stop it, The Forecaster reported. Groden's study involved feeding treated leaves from Harpswell to the caterpillars to determine the effects. Groden said the treatment includes "biological materials" that are temperature dependent like insects' physiology, prompting researchers to test results in a controlled-temperature lab setting. Some methods tested include using a naturally occurring fungal pathogen that multiplies and kills larvae in the nest, and a bacteria. Using both together reduced caterpillar survival more effectively than either method used alone, according to Groden. But so far, the research shows brown-tail moth caterpillars are surviving in the lab longer than expected when fed treated leaves. "We don't want to jump to conclusions about what happened in the field at this point; we were hoping we would see lower survival of the caterpillars fed in the lab," said Groden. "That said, they were taken care of in the lab, so under more stressful conditions maybe they would've succumbed to mortality. Once we get all of our data analyzed we'll be able to say what happened in the field." The treatment options used in the study are less toxic than traditional insecticides, and most of what the research team works with is certified organic and only lasts about 12 hours after being sprayed. It also breaks down in UV light and generally impacts only insects, the article states.

USA Today names UMaine among top colleges, universities with rise in applications

15 Oct 2018

[USA Today](#) published a 24/7 Wall Street report on the top 100 colleges and universities in the country where student applications are on the rise. Wall Street reviewed five-year changes in the number of applications submitted to nearly 600 four-year post-secondary institutions to identify the 100 colleges where applications climbed the most. The University of Maine came in at No. 25 on the list with a 78.7 percent increase in applications over the last five years.

2018 WiSTEMM Days to feature panel discussions, workshops, networking socials

16 Oct 2018

Women in Science, Technology, Engineering, Mathematics and Medicine (WiSTEMM) at the University of Maine will host several professional development, networking and community engagement events Oct. 17 and 18. WiSTEMM Days events will be held 11:30 a.m.–7 p.m. in Buchanan Alumni House, McIntire Room on Oct. 17 and Stodder Hall, Room 57 on Oct. 18. Discussions include "Women in Leadership," "Queer in STEM," "Tenure and Promotion," "Grad Student Work/Life Balance," "Promoting your Research and Scholarship," "Implicit Bias" and "What Happens When STEM Meets TED?" Both days include a lunch panel and end with a family-friendly networking social. Refreshments will be available throughout the day. All members of the campus community are welcome to attend. More information, including a complete schedule, is on the WiSTEMM [Facebook](#) page.

Space explorers to build high-powered rocket for NASA Student Launch program

16 Oct 2018



The University of Maine chapter of Students for the Exploration and Development of Space (SEDS) has been selected as one of 45 college teams in the National Aeronautics and Space Administration's 2019 Student Launch program. NASA's Student Launch challenges teams to design, build, test and fly a reusable high-powered rocket carrying a payload to meet the prescribed guidelines. Teams are chosen by a team of NASA experts based on proposal descriptions of the rocket, its recovery system, payload, safety and educational engagement plans. The 2019 competition will be held at NASA's Marshall Space Flight Center in Huntsville, Alabama from April 4–6, and will include 52 middle school, high school and college teams from 21 states. SEDS is an international nonprofit organization that "empowers young people to participate and make an impact in space exploration." The UMaine chapter, founded in 2014, comprises between 15 and 20 regular members. The club is geared toward students in science, technology, engineering and mathematics (STEM) majors, but is open to all interested in space exploration. David Batuski, a professor of physics, is the club's adviser, and Shawn Laatsch, director of Emera Astronomy Center and Jordan Planetarium, is one of the group's adult educators. Members have attended student space conferences throughout the eastern United States, and last month, two members received Level 1 high power rocket certification enabling them to legally operate rocket motors with a total impulse of up to 640 newton-seconds. This year, the NASA competition is the club's primary focus. Tristan Underwood, a physics major and astronomy minor and president of the club, led the writing process for the UMaine team's proposal. "It's a really great opportunity for students interested in the field," says Underwood, who also works at Emera Astronomy Center. "The competition is designed to mirror the actual engineering design lifecycle that NASA uses, so the students involved get some pretty solid hands-on experience." Teams participate in an eight-month design, build, test and review process guided by NASA experts, resembling the real-world process of rocket development. In past years, teams have competed to have their rocket be the closest to one mile above ground level. This year, teams will predict before launch how high their rocket will fly, and they must reach at least 3,500 feet but not more than 6,000 feet to earn altitude award points. Teams also score payload points. College teams must select either a deployable rover with a robotic arm to collect a soil sample, or a deployable unmanned aerial vehicle (UAV) that flies to a designated target. The UMaine team's rocket will carry a deployable UAV of their own design. "Designing and building a rocket from scratch is a ton of work and super stressful, but once launch day comes

around you know it was worth it,” says Underwood. “Our current simulations predict the rocket will go from zero to 900 kilometers per hour in three seconds. That’s three-fourths the speed of sound. You know it’s a fun competition if one of the rules is that you can’t break the sound barrier.” More information about the program is [online](#).

Lancaster Farming quotes Roche in article on pasture and forage insurance

16 Oct 2018

[Lancaster Farming](#) quoted Erin Roche, the Crop Insurance Education Program manager with University of Maine Cooperative Extension, in an article about pasture and forage insurance. Roche moderated a recent webinar in which experts outlined the Pasture, Rangeland, and Forage (PRF) Rainfall Index Crop Insurance Program that can help farmers in the continental United States make up for drought-related losses, the article states. Roche said PRF insurance covers farmland based on rainfall received in a 17-by-12-mile grid. “Loss payments are not based on a single farm’s experience, but based upon the grid’s average,” said Roche. While insurance premiums are an additional expense for farmers, in dry years, “Buying off-farm feed can be very costly. PRF can offset these expenses,” said Roche. Farmers also must choose which months to insure, with a minimum of two, two-month intervals, and decide between hay or grazing insurance for each plot. The deadline for insurance sign-ups is Nov. 15, Lancaster Farming reported. “We encourage folks to contact a crop insurance agent sooner than later,” said Roche. UMaine Extension was a co-sponsor of the free webinar.

Sorg’s report cited in AP article about Maine Public Health Association annual conference

16 Oct 2018

In an article about the annual conference of the Maine Public Health Association, the Associated Press cited a report by Marcella Sorg, a research professor in the Department of Anthropology, Climate Change Institute and Margaret Chase Smith Policy Center at the University of Maine. This year’s conference will focus on programming and research about addiction in Maine, and will be held Oct. 23 at the Augusta Civic Center. It is Maine’s only statewide public health conference, AP reported. In the first half of the year, more than 180 people died from drug overdoses in Maine, compared to 185 last year, according to Sorg’s report. The number of overdose deaths increased by more than 10 percent from 2016 to 2017, the report states. [Maine Public](#), [WABI](#) (Channel 5) and The Wichita Eagle carried the AP article, and [The Times Record](#) included it in a roundup of news briefs.

Article co-written by Blackstone among top sociology journal downloads in 2017

16 Oct 2018

A journal article co-written by Amy Blackstone, a sociology professor at the University of Maine, was included in the [American Sociological Association](#)’s list of top 50 journal downloads in 2017. “Sexual Harassment, Workplace Authority, and the Paradox of Power” by Blackstone, Heather McLaughlin and Christopher Uggen ranked fourth on the list with 6,773 downloads. The article appeared in the August 2012 edition of American Sociological Review. ASA’s news release is [online](#).

Lewiston elementary students invited to 4-H ‘Code Your World’

17 Oct 2018

University of Maine Cooperative Extension 4-H will join more than 150,000 young people nationwide taking part in the 11th annual [4-H National Youth Science Day](#) (NYSD) challenge throughout the month of October. This year’s challenge, “Code Your World,” was developed by Google and West Virginia University Extension Service to get youth involved in computer science through hands-on activities focused on topics such as digital animation, gaming and dance. On Thursday, Oct. 18 from 6–7:30 p.m., students at McMahon Elementary School, 151 N. Temple Street, in Lewiston will be invited to a family event that will kick off their 4-H year. UMaine Extension 4-H partners with McMahon Elementary School to support youth learning both during and after school as part of the 4-H Community Central project. Community Central integrates 4-H science, life skills and leadership development with schools, communities and families in Lewiston and Portland. Teachers and volunteers from around the state are invited to host the experiment in their school, after-school program, library or 4-H club. Information about how to get involved is available by contacting Sarah Sparks, 353.5550; sarah.sparks@maine.edu. To learn more about Community Central, contact Laura Personette, 353.5550, laura.personette@maine.edu. More information about UMaine Extension 4-H is available [online](#) or by calling 581.3877.

Master of Social Work Information Sessions Oct. 18, Dec. 3

17 Oct 2018

The University of Maine School of Social Work is offering two information sessions about the Master of Social Work (MSW) programs. The first session will be held at 5:30 p.m. Thursday, Oct. 18, and the second session will be held at 5:30 p.m. Monday, Dec. 3. Both are live webinars on Zoom, an online meeting platform. Those interested in applying to an MSW program will learn about programs offered in fall 2019, including on-campus and distance learning options ranging from one to four years. Join the webinar [online](#), or for audio attendance only, call 1.646.876.9923 or 1.669.900.6833, and enter the Meeting ID: 588 341 711. For more information, contact Sandra Butler, sbutler@maine.edu.

Henry named new director of growing GSBSE program

17 Oct 2018

Clarissa Henry has been involved with a doctoral program at the University of Maine, the Graduate School of Biomedical Science and Engineering (GSBSE), since its inception in 2006. As the newly appointed GSBSE program director, Henry will implement strategies to facilitate growth and maximize efficiency within the program. The Office of the Vice President for Research and Dean of the Graduate School continues to support the GSBSE as they recruit outstanding students and world-class faculty, increase awareness and provide the necessary support for Maine’s biotechnology industry. Henry, an associate professor in the School of Biology and Ecology, came to UMaine in 2004 and has amassed an impressive portfolio of research projects and publications. More information is [online](#).

UMaine local food commitment mentioned in Credit Union Times article

17 Oct 2018

A [Credit Union Times](#) article about a new credit union to open next year mentioned the University of Maine's commitment to sourcing local food. Maine Harvest Credit Project will be the state's 56th credit union, and the country's first to lend exclusively to farmers and food entrepreneurs, the article states. UMaine has committed to purchase 20 percent of food served on campus from local farmers and food producers by 2020, Credit Union Times reported. A 2016 survey found that 80 percent of respondents in Maine would buy locally produced food over other food if given the choice. But there is a financing gap among Maine farmers and food producers, and the new credit union will seek to address that and make producing local food more accessible.

Seacoast Online cites UMaine Extension newsletter in article on pumpkins

17 Oct 2018

[Seacoast Online](#) cited the October 2018 issue of the University of Maine Cooperative Extension [newsletter](#) in an article about pumpkins. The article discussed growing different varieties of pumpkins, mentioned upcoming pumpkin-related events, and recommended books about topics related to pumpkins. The UMaine Extension newsletter is a good resource for information about gardening and food preparation, according to the article.

Brewer quoted in Governing article on education in elections

17 Oct 2018

Mark Brewer, a professor of political science at the University of Maine, was quoted in the [Governing](#) article, "In Year of Strikes, Education Plays a Big Role in Elections." Education-related issues are prominent in this year's election cycle, including debating increasing teacher salaries and school funding, and school choice and charter schools. Teacher strikes are contributing to awareness of these issues, and in some states the role of education in the elections is expanded. In the Maine governor's race, "a partisan switch would likely result in big changes in education priorities, if not policies," said Brewer. One such change could be the full implementation of a 2004 law requiring Maine to cover 55 percent of costs for primary and secondary public education, the article states.

Morning Ag Clips carries UMaine announcement about AgrAbility funding

17 Oct 2018

[Morning Ag Clips](#) carried a University of Maine announcement about funds awarded to UMaine Extension to continue the Maine AgrAbility project. The project, part of the USDA National Institute of Food and Agriculture (NIFA)'s Assistive Technology Program for Farmers with Disabilities, is a partnership between UMaine Extension and Alpha One, Maine's Center for Independent Living, the announcement states. Maine AgrAbility, which has provided direct services and technical assistance to more than 470 agricultural producers in the state since 2010, has received a four-year \$720,000 USDA-NIFA grant to support its continuing outreach efforts, Morning Ag Clips reported.

UMaine Extension's Savoie earns national distinguished service award

18 Oct 2018

University of Maine Cooperative Extension educator Kathy Savoie was honored at the National Extension Association of Family and Consumer Sciences' 2018 annual session Sept. 24–27 in San Antonio, Texas. Savoie received the Distinguished Service Award, the highest award presented by the group, for making a significant impact on revitalizing the art and science of food preservation in Maine. Maine is the only New England state to offer the Master Food Preserver program, which trains volunteers to extend the reach of food preservation education throughout communities.

School of Nursing to celebrate largest first-year class in decades with White Coat Ceremony

18 Oct 2018

Maine will be one step closer to closing the gap in its health care workforce when 118 University of Maine School of Nursing students take an oath of compassionate care at 7 p.m. Friday, Oct. 19. By 2022, there is an expected shortage of 3,300 nurses in Maine, and 100,000 nationwide. To address this growing need, UMaine lifted its undergraduate enrollment cap from 85 undergraduate students to 115 in 2017. The 2018 incoming class marks the largest in the School of Nursing's recent history. To mark the beginning of their education, nearly 300 parents, teachers, alumni and students will gather at the Hilton Garden Inn in Bangor for the Arnold P. Gold Foundation and American Association of Colleges of Nursing White Coat Ceremony. During the ceremony, the students will also receive a white nursing coat and lapel pin that reads, "Keeping Healthcare Human," says Mary Walker, director of the School of Nursing. "The tenor of the gift is directed toward emphasizing that science is informed by compassionate care. These pins serve as a visual reminder to students that, in order to deliver the best care to their patients, compassion and empathy must be the hallmarks of their clinical practice," Walker says. Only 50 programs are competitively selected to receive the Gold Foundation funding each year. Ann Sassong, a professor emerita from UMaine's School of Nursing, will address the class as the evening's keynote speaker. Monique LaRocque, associate provost for UMaine's Division of Lifelong Learning; Fred Servello, dean of the UMaine College of Natural Sciences, Forestry, and Agriculture; and Walker also will speak during the event.

Digital Trends article mentions Ranasinghe's inventions

18 Oct 2018

[Digital Trends](#) mentioned inventions made by Nimesha Ranasinghe, an assistant professor of computing and information science and director of the Multisensory Interactive Media Lab at the University of Maine, in the article, "Japanese scientists are chewing over an 'electric gum' that never loses flavor." The article focused on an "unlimited electric gum," created by researchers at Meiji University in Japan, that uses electric shocks to simulate flavor. The article

also mentioned Ranasinghe's virtual cocktail glass and electric chopsticks, which use similar technology to simulate flavors in the food they touch.

Kennebec Journal and Morning Sentinel reports on Extension's Maine Compost School

18 Oct 2018

The [Kennebec Journal and Morning Sentinel](#) reported on the Maine Compost School, a collaborative program between the University of Maine, the Maine Department of Environmental Protection and the Maine Department of Agriculture, Conservation and Forestry. The school, in operation since 1997, has graduated more than 900 students from 42 countries and almost all of the states in the United States, according to the article. The five-day course costs \$525 per person, and students can take an examination at the end of the course to receive a certificate of technical ability.

Media cover 20th annual Engineering Job Fair that attracts 1000

18 Oct 2018

[WABI](#) (Channel 5), [News Center Maine](#) and [WVII](#) (Channel 7) covered the 20th annual Engineering Job Fair at the University of Maine. The first-ever fair featured 12 companies, and this year's event featured 150 companies seeking new employees and interns, WABI reported. More than 1,000 students attended the fair, held Oct. 17 in the New Balance Student Recreation Center. "Coming into school it's our first month, so actually being able to see the opportunities and the jobs in our fields, it's just making everything a little more real," Beatrice Johnson, an engineering student, told WABI.

Kaye recent guest on Maine Public's 'Maine Calling'

18 Oct 2018

Lenard Kaye, a professor of social work at the University of Maine and director of the UMaine Center on Aging, was a recent guest on [Maine Public's](#) "Maine Calling" radio show. The show's topic was the prevalence of loneliness and what can be done to reduce its health and social impacts.

Media publish UMaine release about \$500K grant for Composites Center

18 Oct 2018

[Boothbay Register](#), [Wiscasset Newspaper](#) and [Penobscot Bay Pilot](#) published a University of Maine news release about a \$500,000 Maine Technology Institute grant awarded to the UMaine Advanced Structures and Composites Center. The grant will be used to form a technology cluster to help Maine boatbuilders explore how large-scale 3D printing using economical, wood-filled plastics can give the industry a competitive advantage, the release states. Using 3D printing to fabricate boat molds can reduce production time by as much as 75 percent, according to UMaine researchers, and this can reduce challenges facing small and medium boatbuilders. "The combination of additive manufacturing and cost-effective, bio-filled materials is a potential game-changer for Maine's boatbuilding industry by reducing the cost of marine tooling by as much as 50 percent," said James Anderson, senior research and development program manager at the Composites Center. "We have the tools and knowledge to help Maine boatbuilders increase productivity, reduce costs and, ultimately, continue their tradition of excellence in the boatbuilding industry." Habib Dagher, the executive director of the Composites Center, said, "By 3D printing plastics with 50 percent wood, we aim to produce boat molds much faster and cheaper than today's traditional methods. As we learn, we will be working with boatbuilders to incorporate 3D printing in their production process for larger boat parts and, eventually, the boats themselves." The MTI grant will be matched with an equal grant from the U.S. Army Natick Soldier Research, Development & Engineering Center, according to the release. The technology cluster will include UMaine engineers and researchers, and boatbuilders from throughout Maine. [WABI](#) (Channel 5) and [3D Printing Industry](#) also reported on the grant.

WABI interviews Allan, Sidelko, Dana about hazing

18 Oct 2018

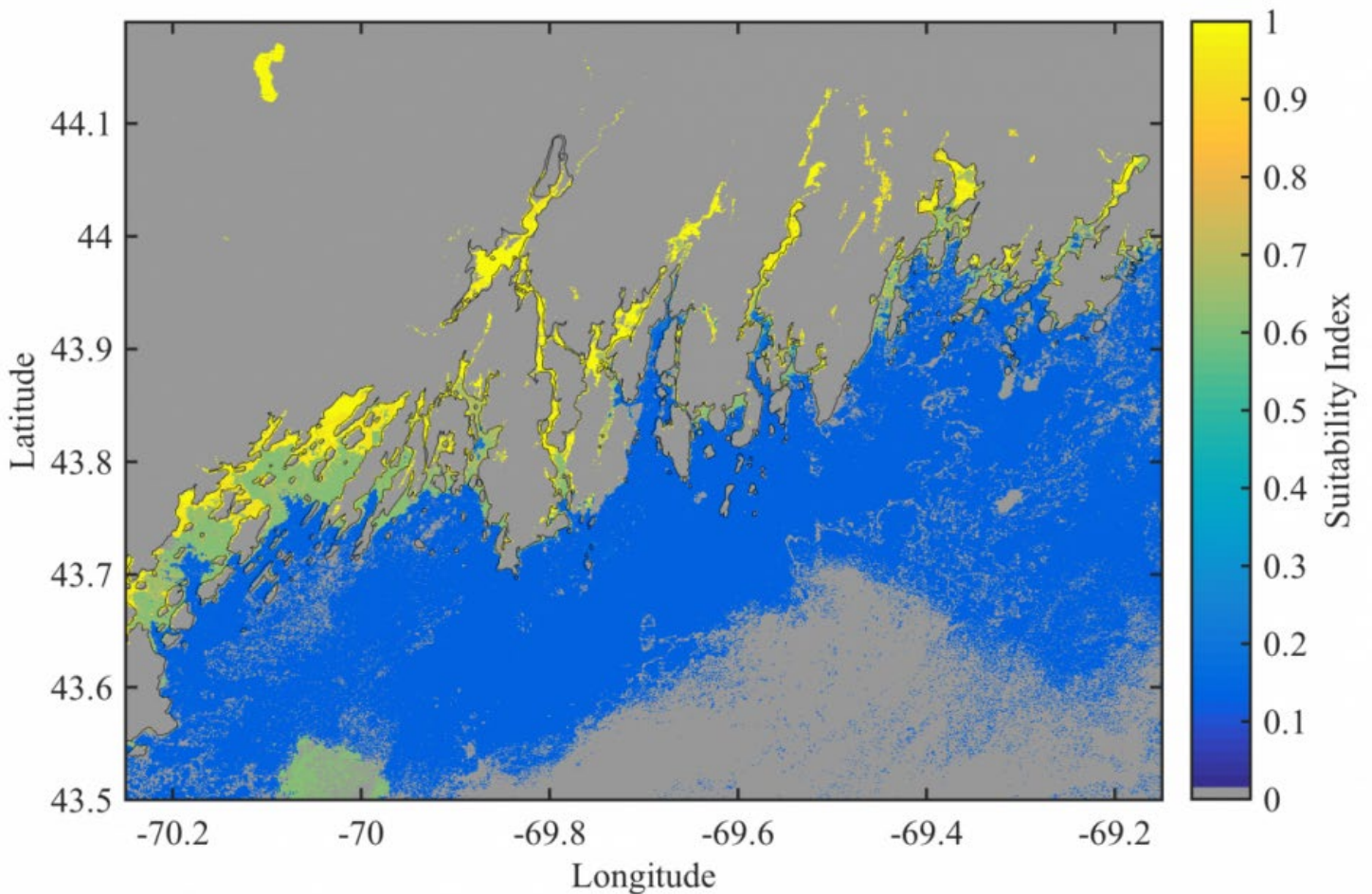
[WABI](#) (Channel 5) interviewed University of Maine faculty and staff members Elizabeth Allan, a professor of higher education, Lauri Sidelko, director of the Student Wellness Resource Center, and Robert Dana, vice president for student life and dean of students, about hazing on college campuses. According to a new UMaine study co-led by Allan, 26 percent of students involved in campus organizations or teams reported experiencing at least one behavior that would be considered hazing, while only 4 percent explicitly said they had been hazed, WABI reported. The study also found a relationship between gender and attitudes toward and perceptions of hazing. Allan said prevention is the goal. "How can we do more to help students become more aware of hazing, notice hazing when it's occurring, understand the broad spectrum of hazing, and why even behaviors that they might not have even considered to be necessarily harmful, why if they meet the definition of hazing, they can potentially be harmful?" said Allan. "Most students are looking for a way for themselves to bond as an organization. They're looking for a way to keep some sort of tradition and to ask something of the students in joining, and I think that is okay, but there are ways to do that without hazing them," Sidelko told WABI. "We work really hard to educate the students and talk to them about what it is that they are doing." The best course of action for UMaine, according to officials, is maintaining an ongoing conversation about what is tolerated in the campus community and what is not. "One of the ways you do that, to bring students in and make them really strong members and leaders, is that you dignify them, you respect them, you care for them, you're compassionate to them, and you don't hurt them, and hazing is hurting people," said Dana.

Aquaculture projects receive \$1.4 million in grants from NOAA

18 Oct 2018

NOAA Sea Grant announces the award of \$1.4 million in grants to the University of Maine for two projects to further advance the development of a sustainable marine and coastal aquaculture industry in the United States. The National Sea Grant College Program awarded \$725,365 to Heather Hamlin, Deborah Bouchard and Ian Bricknell of the Aquaculture Research Institute to research an integrated approach to addressing sea lice control in the commercial culture of Atlantic salmon. The economic impact of sea lice infestation to the U.S. salmon aquaculture industry is estimated at \$15 million annually and \$740 million globally. Sea lice infestations remain the greatest barrier to continuing and expanding marine salmon aquaculture. This proposal will address gaps in knowledge of sea lice biology and control methods, such as integrated pest management, and new, ecologically sensitive chemical compounds and their

effects on nontarget species, such as lobsters. [caption id="attachment_63474" align="aligncenter" width="1024"]



Oyster Suitability Index map for the Midcoast region, incorporating average sea surface temperature, turbidity, and chlorophyll concentration for the month of July. umaine.edu/coastalsat/oyster-suitability-index/ Hamlin will convene meetings with industry and regulators to understand the factors that prevent adoption of new sea lice control techniques and identify other impediments faced by the salmon industry. A team led by Damian Brady and Emmanuel Boss of the UMaine School of Marine Sciences was awarded \$692,216 for a project to inform sustainable aquaculture development with water quality data. Two of the biggest decisions made by any prospective shellfish farmer are what species to grow, and where to grow it. New tools and technologies are available to help aquaculturists, but they need help accessing and interpreting information. Building on the success of previous Sea Grant work that established satellite imagery as an effective tool for aquaculture site selection, the team will use the maps they have developed to refine a bivalve growth model to identify optimal growing locations for American oysters, European oysters, scallops and mussels. They will share their findings in training sessions with growers and other practitioners interested in using satellite imagery for siting shellfish farms in their own region. These projects were among the 22 awarded out of 100 proposals requesting \$48 million in federal grant funds. The projects, which include a 50 percent match by nonfederal partners, will be conducted over a three-year period. Sea Grant's investment in aquaculture research, outreach and education programs continues to make a difference in Maine's coastal communities. Between February 2017 and January 2018, Sea Grant invested approximately \$1.4 million in aquaculture research, technology transfer and outreach in Maine and reported \$5.9 million in economic impacts, including support of 123 businesses and 200 jobs. Contact: Catherine Schmitt, 207.581.1434

Literacy professors publish 'The Golfer's Workbook'

18 Oct 2018

University of Maine literacy professors Richard Kent and Ken Martin have a new book, "The Golfer's Workbook," published as part of the National Writing Project's Athletes Writing series. Kent and Martin are both former directors of the Maine Writing Project, which is a site of the National Writing Project. A longer release on the book can be found on the College of Education and Human Development [website](#).

UMaine Composites Center receives \$500,000 to help boatbuilders incorporate 3D printing technology

18 Oct 2018

The University of Maine Advanced Structures and Composites Center (UMaine Composites Center) has received \$500,000 from the Maine Technology Institute (MTI) to form a technology cluster to help Maine boatbuilders explore how large-scale 3D printing using economical, wood-filled plastics can provide the industry with a competitive advantage. The cluster brings together the expertise of UMaine researchers and marine industry leaders to further develop and commercialize 3D printing, or additive manufacturing, to benefit boatbuilders in the state. Small to medium boatbuilders are often challenged by the cost and lead time required to create traditional marine tools and boat molds. 3D printing, or additive manufacturing, can help significantly reduce the production time needed to fabricate boat molds, by as much as 75 percent, according to researchers at the UMaine Composites Center. However, widespread

adoption of large-scale additive manufacturing has been tempered by the high cost of the 3D printers and the cost of feedstock materials. To address the high cost of large-scale 3D printing, the UMaine Composites Center will develop a range of economical wood-filled materials for composite tooling applications. The use of the wood-based fillers significantly reduces the cost and increases the stiffness and toughness of the material, while reducing the environmental impact and improving recyclability. “The combination of additive manufacturing and cost-effective, bio-filled materials is a potential game-changer for Maine’s boatbuilding industry by reducing the cost of marine tooling by as much as 50 percent,” says James Anderson, senior research and development program manager at the UMaine Composites Center. “Maine boatbuilders cannot absorb the cost of acquiring a large-scale 3D printer and testing new feedstock materials. The UMaine Composites Center and the Maine boatbuilding industry share a tradition of innovation. We have the tools and knowledge to help Maine boatbuilders increase productivity, reduce costs and, ultimately, continue their tradition of excellence in the boatbuilding industry.” For the past 18 years, the UMaine Composites Center has been developing technologies to extrude plastics filled with wood cellulose and nanocellulose fibers, says Habib Dagher, executive director of the UMaine Composites Center. These plastics contain up to 50 percent wood fiber by weight. “Now, we will use these same stronger and stiffer plastics in very large 3D printers to develop 20- to 100-foot boat molds and other boat parts for Maine boatbuilders,” he says. “By 3D printing plastics with 50 percent wood, we aim to produce boat molds much faster and cheaper than today’s traditional methods. As we learn, we will be working with boatbuilders to incorporate 3D printing in their production process for larger boat parts and, eventually, the boats themselves.” Boatbuilding isn’t the only industry expected to benefit from UMaine’s research and development. The university is working with Maine-based companies to develop a local supply chain for its unique, bio-filled materials. The \$500,000 grant from MTI will be matched with \$500,000 from the U.S. Army Natick Soldier Research, Development & Engineering Center to form a technology cluster of UMaine engineers and researchers with Maine boatbuilders, including Custom Composite Technologies in Bath, Compounding Solutions in Lewiston, Back Cove Yachts in Rockland, Sabre Yachts in Raymond, Front Street Shipyard in Belfast, Hinckley Yachts in Trenton, Hodgdon Yachts in Boothbay, Kenway Composites in Augusta and Lyman-Morse Boatbuilding in Rockland. The consortium will work to design and print marine tools and boat molds for testing and evaluation, and develop a 3D printing training course for boatbuilders, as part of the adoption and commercialization process. Contact: Meghan Collins, 207.581.2117

UMaine on Princeton Review’s list of Top 50 Green Colleges

19 Oct 2018

Again this year, the University of Maine is cited by Princeton Review as one of the nation’s most environmentally responsible colleges and is on the Top 50 Green Colleges list. UMaine is profiled in “The Princeton Review Guide to 399 Green Colleges,” published this week. More information is available [online](#). The Princeton Review chose the schools for this ninth annual edition of its “green guide” based on a review of more than 2,000 four-year colleges concerning their commitments to the environment and sustainability. Among the factors taken into account for UMaine’s “Green Rating”: UMaine’s commitment to sustainability with a Sustainability Office, academic areas with a focus on sustainability, bike sharing program and a percentage of the institutional food budget spent on local/organic food. “This achievement (inclusion on the 2018 Princeton Review Top 50 Green Colleges list) highlights UMaine’s ongoing commitment to sustainability and our role as one of the national leaders in the Green Colleges movement,” says Daniel Dixon, director of UMaine’s Office of Sustainability. “It is our goal that sustainability awareness and a genuine concern for the health of our environment become second nature to each and every member of the UMaine community.” In August, Princeton Review cited the [University of Maine in its newest guide](#), “The Best 384 Colleges: 2019 Edition,” focusing on UMaine’s unique combination of “extensive academic opportunities expected from a major research university, with the close-knit feel of a small college.” In July, the “Fiske Guide to Colleges 2019” listed the university as [one of the more than 300 “best and most interesting” colleges](#) in the United States, Canada, Great Britain and Ireland. Contact: Margaret Nagle, 207.581.3745

Mitchell Center Sustainability Lightning Talks call for abstracts

19 Oct 2018

The Senator George J. Mitchell Center for Sustainability Solutions is welcoming abstract submissions for Lightning Talks to be held Monday, Nov. 19. All students involved in sustainability research are encouraged to submit an abstract for the talks, which will focus on student research in Maine. Submissions especially are welcome from students involved in research with the Mitchell Center, including the NEST Future of Dams project as well as projects supported by the Mitchell Center’s Sustainability Research Grants program. Abstracts should be 250 words or less, and include a title, the student’s name and email address, and a description of the talk. Submissions are due to Ruth Hallsworth no later than Friday, Oct. 26. Students will be notified of their selection by Friday, Nov. 2. A panel of Mitchell Center faculty will select up to eight presentations from the submissions. Presenters will have five minutes for their talk. PowerPoint presentations are allowed but will be limited to 10 slides. For more information, contact Ruth Hallsworth, hallsworth@maine.edu.

UMaine Extension offers new mobile-friendly, interactive plant identification form

19 Oct 2018

Since its inception, University of Maine Cooperative Extension has provided free plant identification for anyone with an interest in Maine flora. The newest development in this service is an online mobile-friendly, interactive [Plant Identification Submission Form](#). The form allows users to enter plant information and upload photos from their computer or mobile device, and submit it to UMaine Extension ornamental horticulture specialist Matthew Wallhead. Plant identification is particularly relevant for farmers, landscape horticulturists, nursery managers and gardeners seeking to identify varieties of crops, weeds, native plants or ornamentals. While UMaine Extension can still receive plant samples for identification in any of its 16 county offices around the state, people also can submit specimens by emailing digital photos with descriptive information, such as whether it is woody or herbaceous, the plant’s size and location, when the photo was taken, etc. After asking any follow-up questions, UMaine Extension experts can share information about the plant, which may include how to manage the invasive weed, cultivate the crop or tend to the ornamental shrub. The development of this new form will be another way to use UMaine Extension as a resource for plant identification, particularly for ornamental plants.

Media report Lichtenwalner a co-author in study on moose, winter ticks

19 Oct 2018

[Foster’s Daily Democrat](#) reported on the results of a new study on moose and winter ticks. The research team, led by scientists at the University of New Hampshire, included Anne Lichtenwalner, an associate professor of animal and veterinary sciences, Extension veterinarian and director of the Animal Health Laboratory at the University of Maine. Winter ticks attach to moose in the fall and remain throughout the winter, and in high numbers can cause anemia and

emaciation in moose from severe blood loss. Winter ticks also seem to negatively affect reproductive health of moose, the article states. Changing climate in recent years has resulted in a population increase for winter ticks, and this increase has been the primary cause of a 70 percent death rate of moose calves over a three-year period, according to the study. [EurekAlert](#), [Concord Monitor](#) and [Valley News](#) published a UNH release about the study.

Tierney quoted in Moneyish article on affinity for fall

19 Oct 2018

Amber Tierney, an assistant professor of sociology at the University of Maine, was quoted in the [Moneyish](#) article “Your love for fall isn’t basic — it’s baked in.” The article focused on subconscious reasons many people may have for loving the fall season, from the sensations of both nostalgia and newness to temporal landmarks like fall holidays and the beginning of the school year. Tierney, a “self-professed fall enthusiast,” said fall means indulging in stews, grains, root vegetables, red meats and pies. “Obviously we crave those types of food, and we kind of have an excuse now to eat them with abandon,” said Tierney. “There’s something just from a base human level that’s really satisfying about existing in a season in which it’s OK, encouraged, to eat foods like that. It’s embedded in that time and place. You look forward to eating those foods all year long ... and for some reason, we only allow ourselves to do those things during fall.”

Calais Advertiser previews UMaine Jazz Ensemble’s Eastport concert

19 Oct 2018

[The Calais Advertiser](#) previewed a concert by the University of Maine Jazz Ensemble to take place at the Eastport Arts Center at 6:30 p.m. Friday, Oct. 19. The ensemble consists of Philip Edelman, an assistant professor of music and music education; Dan Barrett, a lecturer in music, low brass and music theory; and 19 undergraduate musicians, most of whom have been playing their instruments since a young age, the article states. The ensemble will present a big band jazz performance including a wide range of instruments and songs, “a program that will run the gamut of the repertoire. From traditional swing charts to dance band ballads, and from classic jumps to funk, there is a little bit for everybody to enjoy,” said Edelman. The ensemble also will give a school concert and presentation on the various styles of jazz for band students from Eastport, Calais, Machias, Washington Academy and Alexander, followed by discussions with the students about technique and life as a college musician, [The Calais Advertiser](#) reported. “We strongly believe in the power of music and shared experience as a force for good in our community,” said Edelman. The visit is sponsored by the Maine Arts Commission and the Maine Humanities Council, according to the article.

AP reports UMaine to receive NOAA grants for aquaculture research

19 Oct 2018

The Associated Press reported the University of Maine will receive funding from NOAA Sea Grant, which supports fishery and coastal projects, for aquaculture research. Three researchers at UMaine’s Aquaculture Research Institute will receive more than \$700,000 to work on ways to address the issue of sea lice in salmon farming, according to AP. Another UMaine research team will receive nearly \$700,000 for a project to help sustainable development of aquaculture with water quality data, the article states. [U.S. News & World Report](#), [Bangor Daily News](#) and The News Tribune carried the AP article.

Social media spotlight: Eben Lenfest and William Ramsay

19 Oct 2018

Eben Lenfest, a senior from Smithfield, Maine, majors in mechanical engineering and minors in ocean and marine engineering and robotics. Last summer, as a result of working with assistant professor Andrew Goupee at the Advanced Structures and Composites Center, he secured an internship at NASA’s Marshall Space Flight Center in Huntsville, Alabama. He worked on vibration mitigation technology for floating platforms, including VoltturnUS. (Think of a shock absorber to prevent structural damage.) “I grew up in the Belgrade Lakes region and enjoy developing machines to work in an aquatic environment. Boy Scouts got me interested in conservation and clean energy. While this technology had already been discovered by others and work had been done to better understand it, Will (Ramsay) and I were on the front lines of learning more about its limitations and determining how best to design a vibration absorber to target low frequencies. A highlight was rigging together a first-pass damper in a small tank, setting everything into resonant vibration with the damper off, then opening a valve to tune the damper to the tank’s natural frequency. The vibration of the tank instantly stopped. That was when all the theory connected with something real and useful. Another valuable experience was when my mentor presented a variation of the technology that could be used on NASA’s newest rocket project. I’m interested in green energy and R&D and plan to pursue a master’s degree in mechanical engineering and, ultimately, find a rewarding career in New England. In addition to offering a great engineering education, UMaine’s big enough to meet people with a variety of personalities and small enough to run into people I know. I like canoeing, skiing and running. I play French horn in the Symphonic Band and am in the Black Bear Robotics club.” William Ramsay, a mechanical engineering major from South Berwick, Maine, expects to graduate in May 2020. He’s still interning with the NASA Marshall Space Flight Center in Huntsville, Alabama. During the summer, he applied NASA-developed technology to the VoltturnUS offshore floating wind turbine platform at the Advanced Structures and Composites Center. “I spent the summer learning from NASA engineers, doing design and prototyping work, touring NASA facilities where rocket components are tested, and exploring Huntsville. The highlight was the prototyping process, where we discovered the results were not lining up with the equations that guided us in our original design. We had to make quick modifications in response to unexpected results in order to meet the deadline to test at UMaine. It was a challenging and exciting process, and it’s where I learned the most about real-world engineering and problem-solving. It’s exciting because it can help make offshore floating wind power a more viable renewable energy source. I’m really passionate about the outdoors, so when I have the ability to help the planet with renewable energy engineering, it gives my education at UMaine meaning. I’m taking this semester at NASA to continue to explore my interests, working on a project for the Orion spacecraft. I plan to get a graduate degree, then work in the industry. I love UMaine because it has opportunities to do cool engineering outside the classroom, and when I need a study break, it’s easy to go spend time in the outdoors.” See posts featuring Lenfest and Ramsay on UMaine’s [Facebook](#) and [Instagram](#) pages.

‘Animal Farm’ brings interplay of power to Pavilion Theatre

19 Oct 2018

Student director Alan Liam Estes and a cast of eight University of Maine students will present “Animal Farm” in the Al Cyrus Pavilion Theatre, with opening night set for Friday, Oct. 19. The first mainstage theatre production of the School of Performing Arts 2018–19 season, Ian Wooldridge’s adaptation of the George Orwell classic will run for seven performances: 7:30 p.m. Oct. 19–20 and Oct. 26–27, 2 p.m. Oct. 21 and 28, and 10 a.m. Oct. 25. Staged in the Pavilion, which was originally constructed to hold livestock, the “barn in a barn” set features real dirt and hay as a way to provide the next level of immersion and lay the groundwork for emotion and reaction between cast and audience. The value of the set lies in how the actors can discover the ways in which the space influences the story, Estes says, with the play being “alive” and evolving to follow the lead of its storytellers. “Animal Farm is a story about the evolution and de-evolution of power, and the abuse of power,” says Estes. “In this production, we each are capable of immersing the audience in a story that they might not be exposed to regularly. It touches on a lot of current issues that are important in today’s world.” This is the third play Estes has directed at UMaine, in addition to serving as assistant director for two others. Tickets are \$10 or free with a student MaineCard, and are available [online](#) or by calling the box office, 581.1755. To request a reasonable accommodation, contact Birdie Sawyer, 581. 2584, fredrick.sawyer@maine.edu. The show is co-sponsored by the School of Performing Arts and the Cultural Affairs/Distinguished Lecture Series.

Franco American Programs to offer after-school lessons for grades K–5

22 Oct 2018

Franco American Programs at the University of Maine is partnering with Old Town-Orono YMCA to offer an eight-week after-school French program for children in grades K–5. The next session begins Oct. 29. Lessons are designed for students with no exposure to French, and for those with some experience in the language. The program aims to make learning French fun in a safe, after-school environment while connecting language learners with heritage-language speakers in the area. Classes are taught by students from the French and education departments at UMaine, under the supervision of Susan Pinette, director of Franco American Programs. The YMCA provides transportation from Old Town, Milford, Alton, Bradley and Orono elementary schools. Classes are taught 3:30–5 p.m.; grades K–2 on Mondays, grades 3–5 on Wednesdays. The cost is \$60; scholarships are available. Registration is through the YMCA; call 827.9622 or stop by the front desk. For more information, call Pinette, 581.3791 or Lisa Michaud, 581.3789.

Author Richard Rubin to give talk on World War I Oct. 23

22 Oct 2018

Author Richard Rubin will give a talk titled “World War I: The Most Jewish War in History?” on Oct. 23 in the McIntire Room of Buchanan Alumni House at the University of Maine. Rubin is the author of four books, two of which are about America and World War I: “The Last of the Doughboys” and “Back Over There.” He has written for The New Yorker, The Atlantic, The New York Times Magazine and Smithsonian, among others, and is a frequent contributor to The New York Times Travel section. A reception will be held at 5 p.m., and the lecture will follow from 5:30–6:30 p.m. The event is sponsored by the Norman Minsky Fund for Judaic Studies, the Clement and Linda McGillicuddy Humanities Center, the Department of History, Congregation Beth El and Congregation Beth Israel.

‘Make Shift Coffee House’ to offer food, music, civic conversation

22 Oct 2018

The University of Maine will host a “Make Shift Coffee House” Oct. 23 where the community can gather to share food and music, and engage in an inclusive dialogue focused on the factors that influence votes. The event, titled “Why do You Vote the Way You do?,” will be held at 11 a.m. in North Pod of Memorial Union. Craig Freshley of Good Group Decisions, Inc. will facilitate. The “Make Shift Coffee House” concept was introduced by Freshley in January 2017 at an event in his hometown of Brunswick. The coffeehouses, which are intended to provide a positive opportunity for conversations with others of differing perceptions and opinions, have subsequently been offered across Maine to address the growing political divide and a troubling lack of civility in public, and particularly, political conversations. Freshley previously hosted “Understanding Others’ Political Views” at UMaine in February 2018. Music will be provided by the Eric Fay-Wolfe Trio, featuring UMaine students Eric Fay-Wolfe on piano, Benjamin Flanagan on bass and Reggie Kollman on drums. The trio will play a variety of jazz selections. For more information about the event, which is free and open to the public, or to request a reasonable accommodation, call 581.3439. The event is presented by the University of Maine Rising Tide Center in partnership with Women’s, Gender, and Sexuality Studies and Good Group Decisions, Inc.

Peterson, Jacobson cited in Press Herald ‘Maine Gardener’ column on horsetail

22 Oct 2018

The University of Maine’s Bryan Peterson, an assistant professor of environmental horticulture; and George Jacobson, professor emeritus of biology, ecology and climate change, were quoted in the latest column in the [Portland Press Herald](#) “Maine Gardener” series. In the article, the author writes about the plant equisetum, which goes by the common name horsetail. Equisetum is a tough plant, the article states. It has no leaves and produces no seeds, instead spreading by spores that are about the size of dust particles and by underground rhizomes, according to Peterson. The author’s interest in horsetail was piqued about a year ago when Jacobson spoke about how climate change will affect plants, including equisetum. When equisetum was formed, Earth’s atmosphere had 20 times more carbon dioxide than it does now, he explained. Given those high levels, equisetum didn’t need leaves. With so much carbon dioxide in the atmosphere, the plant could form sufficient photosynthesis to grow just from its stems growing upright, according to Jacobson. Despite the increase in carbon dioxide in the atmosphere caused by the burning of coal, oil and gas that has been sequestered so long, carbon dioxide could never increase to the level it was when equisetum was first formed many millions of years ago, Jacobson said. At most, it could double or triple, he said, which still would cause major changes in the environment. While it lacks leaves, equisetum’s stems are ribbed, Jacobson said, and the extra area could help with photosynthesis.

Morning Sentinel interviews Rice about Newport woodworking company

22 Oct 2018

The [Morning Sentinel](#) interviewed Bob Rice, a professor emeritus of wood physics and bioenergy at the University of Maine, about a woodworking company in Newport, Maine. The Newport Vic Firth Co., now owned by the Avedis Zildjian Co., produces about 5 million pairs of drumsticks per year through a

unique partnership of Firth's tone-pairing process and a multistage abrasive grinding process. Zildjian is one of Newport's largest employers, and one of the top two woodworking companies in the state, Rice said. The company created about 25 jobs for Mainers in the last year, Morning Sentinel reported. "It's different from what anyone does," Rice said. "Others have tried to duplicate it, but they have not been able to do so." Rice has worked with the team for about 25 years, providing a sounding board for ideas, running lab tests and training employees, according to the article. "In terms of getting the material right and making sure they get a consistent, low-defect material going into the process and a process that produces a consistent, reliable stick at the end, that's real innovation," said Rice. "If you go out and you consider what they're starting with down the road — you've got a bumpy 30-foot-long almost cylinder with a taper, and they're making a perfectly straight stick that stays straight, looks good, feels good and has certain tonal characteristics." Rice said the company will be around "as long as people need drumsticks." The [Sun Journal](#) and [Times Record](#) published the Morning Sentinel article.

UMaine faculty mentioned in KJ article on grant awarded to start compost facility

22 Oct 2018

The [Kennebec Journal](#) reported a \$17,750 grant from the Maine Department of Environmental Protection and a partnership between Midcoast businesses is bringing residential and commercial compost infrastructure to Knox County. Work is underway to construct a compost facility on Bo Lait Farm in Washington where the farmers and Camden-based Scrapdogs Community Compost will pick up food scraps from restaurants and private customers, and create compost to sell, according to the article. The companies, supported by University of Maine faculty, were awarded the grant in September. Bo Lait and Scrapdogs were introduced through Travis Blackmer, a lecturer and undergraduate coordinator in UMaine's School of Economics. He began working with the farm in April to help develop a plan for a large-scale composting operation, the article states. Meanwhile, Scrapdogs was planning something similar, Blackmer said. "Both of us thought we were the only people planning," said Blackmer, who essentially acts as a consultant for the project. Mark Hutchinson, a University of Maine Cooperative Extension educator and professor, said Knox County does not have any existing compost pickup service. "The scale that they are talking about is certainly going to be important in the home horticulture industry," he said. "I see the end product being used more by landscapers and home use."

WABI reports students collecting medical supplies to donate overseas

22 Oct 2018

[WABI](#) (Channel 5) reported University of Maine students are collecting unwanted medical supplies and donating them. The students, involved in Partners for World Health, collect supplies from Northern Light Eastern Maine Medical Center and St. Joseph Hospital each week and sort them before shipping them to developing nations, WABI reported. This summer, 12 students attended medical mission trips through the program, traveling to Senegal and Uganda to provide neonatal health education and bags filled with medical supplies for health clinics and hospitals, according to the report. The organization also reduces waste in Maine by collecting supplies that otherwise would end up in landfills, and addresses needs of the local community including supplying personal care items for the homeless.

UMaine promoting Flagship Match through Connecticut billboards, NH Register reports

22 Oct 2018

The University of Maine has sponsored several billboards in Connecticut to promote the school's Flagship Match program, the [New Haven Register](#) reported. The program, now in its third year, offers merit awards for out-of-state students to attend UMaine for the same cost as in-state tuition at the student's home state flagship university. "Financially, we feel it is a good investment," Jeffrey Hecker, UMaine's executive vice president for academic affairs and provost, told the New Haven Register. The billboards, located along interstates 95 and 91 in the New Haven area and near the University of Connecticut campus on I-84 north, read, "Go to UMaine / For the in-state cost of UConn." Facing predictions that the number of students graduating from Maine high schools will decline in the next decade, UMaine officials are looking outside the state to maintain enrollment, and especially at UConn, which Hecker said has become more selective. The spring 2018 admissions cycle included 1,148 applicants from Connecticut; 983 students were accepted and 131 enrolled, according to UMaine. To qualify for the Flagship Match program in the 2019–20 admission cycle, students must have a 3.0 grade-point average and an SAT score of at least 1,120. The Flagship Match program also targets students from other states, including Massachusetts, New Jersey, Illinois and California, according to the article. [B98.5 — Central Maine's Country](#) also cited the New Haven Register report.

Chinese Central Television interviews Wahle about tariff impacts on Maine lobster

22 Oct 2018

[China Central Television](#) (CCTV) spoke with Richard Wahle, a professor in the University of Maine School of Marine Sciences and director of UMaine's Lobster Institute, for a report about tariff impacts on Maine's lobster industry. Wahle said lobster is a very valuable fishery to Maine, and the most valuable single-species fishery in the nation. "The tariffs are really throwing this industry for a loop," he said. "[They're] causing our industry not only to be at a competitive disadvantage, but now to move facilities and jobs into Canada. And it gets worse because the counter-tariffs that China imposes on things like steel impact our trap-building industry."

WVII covers School of Nursing's White Coat Ceremony

22 Oct 2018

[WVII](#) (Channel 7) reported 118 University of Maine School of Nursing students took an oath of compassionate care during the the Arnold P. Gold Foundation and American Association of Colleges of Nursing White Coat Ceremony. During the ceremony, which marks the beginning of their nursing education, the students received a white nursing coat and lapel pin that reads, "Keeping Healthcare Human." To address the state's growing nursing shortage, UMaine's nursing program recently upped its undergraduate enrollment cap, according to the article. "We're excited about this because it is an opportunity for us to plant a stake in the ground if you will, and say, 'We're on the side of the people of Maine,'" said Mary Walker, director of the School of Nursing. "We really want to be part of the solution for health resources in the state." This year's class marks the largest in recent history for the UMaine School of Nursing, WVII reported.

Pride of Maine Black Bear Marching Band to showcase new uniforms at Homecoming

22 Oct 2018

Editor's note: Story updated Oct. 23. The University of Maine marching band will showcase new uniforms, made possible by an anonymous donor, at Homecoming on Oct. 27. The Pride of Maine Black Bear Marching Band has been wearing the new uniforms this season, though the official showcase will take place during halftime at the football game versus the University at Albany. The game kicks off at 1 p.m. "It fosters a sense of pride when everyone is pleased with how they look," says Christopher White, director of UMaine's sports bands. "We are replacing uniforms that are older than the people wearing them. We have a look that is less dated and more progressive." White adds the band members are looking forward to showing off the new uniforms at Homecoming. "With our marching band enrollment increasing steadily over the past few years, the new uniforms give the group additional motivation to maintain its community feel," says Beth Wiemann, chair of the Music Division in the School of Performing Arts. Wiemann says having a strong marching band gives the division a foundation of students that often go on to perform with other groups. "The new uniforms help solidify the students' connection to the Music Division," she says. The old uniforms will be available for sale immediately following the football game Oct. 27 in Class of 1944 Hall, Room 100. Uniforms also will be sold beginning at 1 p.m. in the Collins Center for the Arts lobby before the Symphonic Band and Jazz Ensemble Homecoming Concert at 2 p.m. Oct. 28. Hats are \$75, jackets are \$125. If both a hat and jacket are purchased, pants will be added as a free gift. All proceeds will benefit the Music Division. Payments will be accepted by cash, credit or check. The College of Liberal Arts and Sciences, as well as the School of Performing Arts, are appreciative of the generosity of the donor. Contact: Elyse Catalina, 581.3747

UMaine fisheries model informs latest assessment of northern shrimp in the Gulf of Maine

22 Oct 2018

The Atlantic States Marine Fisheries Commission (ASMFC) recently accepted a new assessment of northern shrimp populations in the Gulf of Maine that relied on a computer model developed at the University of Maine. Yong Chen, UMaine professor for fisheries population dynamics in the School of Marine Sciences, and postdoctoral associate Jie Cao created the model, which divides the northern shrimp stock into size groups. It also tracks changes in the proportion of shrimp in each size group across seasons and years to estimate fishing mortality and population size, and incorporates temperature. The model incorporates data from the Northeast Fisheries Science Center Trawl Survey, the Gulf of Maine Northern Shrimp Summer Survey, commercial landings and a winter sampling program conducted in partnership with fishermen. "The new University of Maine northern shrimp stock assessment model developed in my lab considers potential impacts of temperature on the dynamics of northern shrimp stock in the Gulf of Maine," Chen says. "This is a significant improvement in the assessment of northern shrimp that prefer colder water temperature. "With a warming Gulf of Maine, such an improvement in the model is critical for improving the quality of northern shrimp stock assessment," he says. Shrimp (*Pandalus borealis*) is an important species in the Gulf of Maine ecosystem and historically supported important commercial fisheries, although a moratorium on fishing has been in place since 2013 due to a decline in the number of shrimp. The latest stock assessment indicates the population remains depleted, likely the result of warmer water temperatures. An ASMFC news release is [online](#), as is the [2018 Northern Shrimp Benchmark Stock Assessment and Peer Review Report](#). Contact: Margaret Nagle, 207.581.3745

Paint pumpkins, learn to can food at UMaine Extension open house

23 Oct 2018

The University of Maine Cooperative Extension Oxford County office will host its annual open house 2–6 p.m. Oct. 26 in South Paris. The free, public event is a chance for the community to meet staff, including Rebecca Long, a UMaine Extension agriculture and food systems professional, and Tayla Mann, an administrative specialist. Both joined the office this summer. In addition to information about programs and services, there will be activities for children and adults, including a canning demonstration, pumpkin painting and fall treats. Kati McDermott, a second-year FoodCorps service member at a local school, will offer taste-testing of fall produce. For more information, or to request a reasonable accommodation, contact 743.6329 or extension.oxford@maine.edu.

DMC invites prospective students to tour campus Oct. 28

23 Oct 2018

Prospective students and their families are invited to tour the Darling Marine Center in Walpole at 10 a.m. Oct. 28 to learn about the marine sciences academic program and undergraduate opportunities. Tour guides Genny Wilson and David Gauld, undergraduates-in-residence at the DMC for the fall Semester By the Sea program, will answer questions about the School of Marine Sciences and the center, as well as share why they chose UMaine. Since June, Gauld has been at the DMC working on his capstone research project. Under the guidance of Rick Wahle, Gauld is studying the effect of temperature on the heart rate of embryonic American lobsters. The last two summers, Wilson has held internships in Rhian Waller's deep sea ecology lab. She most recently worked with sea pens collected from the Gulf of Maine. Contact Linda Healy, 563.8220 or lhealy@maine.edu by noon Oct. 26 to register for the tour or request a reasonable accommodation.

Filmmaker of 'The Voiceless' to give presentation, screening of documentary

23 Oct 2018

Award-winning filmmaker Vanessa McNeal will host a free public screening of her 2017 documentary "The Voiceless" at the University of Maine on Oct. 24 as part of Domestic Violence Awareness Month. The internationally recognized film highlights the intersection of culture, masculinity and social taboos in its exploration of the impact of sexual violence on five male survivors. At 5:30 p.m. prior to the screening in 100 D.P. Corbett Business Building, McNeal will talk about the making of the film and her personal experience with sexual violence. For more information about the event, or to request a reasonable accommodation, call 581.3494. McNeal first identified a need to focus on the trauma and resiliency of male survivors of sexual abuse after experiencing the shockwave created by "We Are Survivors," a short film focused on the story of a male victim of sexual violence. "The Voiceless," a one-hour documentary, received an Award of Merit at IndieFest 2017 and was recognized as an official selection at the 2018 Denton Black Film Festival. McNeal won the 2017 YWCA Woman of Tomorrow award and the 2018 STATEment Maker award from Iowa State University in the Entrepreneurial Spirit category, an honor that recognizes early personal and professional accomplishments and contributions to society. She was honored as a Best Director at the 2017 Newark International Film Festival, and is currently filming a documentary investigating the sex trafficking industry in Iowa. Screening of "The Voiceless" and

McNeal's public presentation are offered with support from the Division of Student Life; College of Education and Human Development; College of Liberal Arts and Sciences; Honors College; Rising Tide Center; UMaine's Women's, Gender, and Sexuality Studies; and Partners for Peace in Bangor.

Mainebiz cites Morse, ARI report in article on proposed oyster farms

23 Oct 2018

[Mainebiz](#) cited the 2017 Maine Aquaculture Economic Impact Report published by the University of Maine Aquaculture Research Institute in an article about the Maine Department of Marine Resources denying a request by the town of Kittery to delay its decision on a proposed expansion of an oyster farm. In September, an application in Brunswick for a 40-acre oyster farm in Maquoit Bay also raised concerns among nearby residents, according to the article. Oysters are one of Maine's top three farmed species (along with Atlantic salmon and blue mussels), according to the Maine Aquaculture Economic Impact Report. Maine has 65 to 80 oyster farms, the article states. Although Maine's oyster industry is growing, it's relatively small, Dana Morse, an extension associate with Maine Sea Grant and University of Maine Cooperative Extension, told Mainebiz in 2017. Massachusetts, for example, has about 350 distinct oyster farming companies, Mainebiz reported.

Forbes quotes Brewer in report on U.S. Senate nominee

23 Oct 2018

Mark Brewer, a political science professor at the University of Maine, was quoted in a [Forbes](#) article about Democratic U.S. Senate nominee Zak Ringelstein. In Maine, Ringelstein is running against independent incumbent Angus King, elected in 2013, and 30-year-old Republican nominee Eric Brakey, according to the report. Maine political experts think it's a long shot that Ringelstein will beat King, the article states. "The chances of [Ringelstein] winning are pretty slim," Brewer said. "Running against a very popular incumbent United States senator is a very hard thing to do, and Angus King is a very popular incumbent United States senator."

Maine Public airs 2018 Mitchell Lecture on Sustainability

23 Oct 2018

[Maine Public](#) aired the 2018 Senator George J. Mitchell Lecture on Sustainability as part of its "Speaking in Maine" program. For the first time, Sen. George J. Mitchell delivered the lecture at the University of Maine on Oct. 4. Drawing on his decades of work in public service and as a skilled negotiator, Mitchell's talk, "Healing Our Democracy," explored how we can increase our capacity for solving problems through deliberation and consensus-building in local communities.

Dennis Cox receives Marquis Who's Who Lifetime Achievement Award

24 Oct 2018

Dennis Cox, professor emeritus of music, has received the Albert Nelson Marquis Lifetime Achievement Award, presented by Marquis Who's Who. The award recognizes Cox's years of professional achievement and leadership in his field. Cox taught at UMaine from 1978–2014. More [information about the award](#) and a [news release](#) are online.

Allan keynoting Parents Anti-Hazing Retreat Oct. 26–27

24 Oct 2018

Professor of higher education Elizabeth Allan will be the keynote speaker at the Parents Anti-Hazing Retreat at John F. Kennedy University in Pleasant Hill, California, Oct. 26–27. Allan will discuss her research on the prevalence of hazing on college campuses, as well as her efforts to identify research-based prevention practices.

Trick or Trot at Witter Farm Oct. 26

24 Oct 2018

The University of Maine Standardbred Drill Team invites the campus community and public to the annual Trick or Trot from 6 to 9 p.m. Oct. 26 at UMaine's Witter Farm in Old Town. This year, students from the Maine Animal Club and the Ewe-Maine Icelandic Sheep Club also will be involved. The event will include a scavenger hunt, games, baked goods and an opportunity to meet and have photos taken with the farm's horses, cows and sheep. The event is free. Donations and proceeds from the bake sale and photo shoot will benefit the team and its efforts to retrain retired racehorses and support the standardbreds in the equine program at Witter Farm. More information is on [Facebook](#).

#MeToo movement focus of King Chair lecture

24 Oct 2018

The #MeToo movement will be the focus of an Oct. 30 lecture at the University of Maine by professor Leigh Gilmore. Gilmore's free public talk, "Graphic Witness: Testimony, Confession, and the #MeToo Movement" at 4:30 p.m. in Minsky Recital Hall is part of the Stephen E. King Chair Lecture Series. Gilmore is the Distinguished Visiting Professor in Women's and Gender Studies at Wellesley College. She is the author of "Tainted Witness: Why We Doubt What Women Say About Their Lives," "The Limits of Autobiography: Trauma and Testimony," "Autobiographics: A Feminist Theory of Women's Self-Representation," and co-author with Elizabeth Marshall of "Witnessing Girlhood: Life Writing, Trauma, and Childhood." She writes for NPR's "The Conversation" and "Cognoscenti" and has appeared widely as a guest analyst of the #MeToo movement. For more information or to request a reasonable accommodation, contact Caroline Bicks at caroline.bicks@maine.edu, 581.3819. More about the lecture and series is [online](#).

Bricknell quoted in BDN article on proposed fish food study

24 Oct 2018

Ian Bricknell, a professor of aquaculture and founding director of the University of Maine's Aquaculture Research Institute, was quoted in the [Bangor Daily News](#) article, "Fish food study floated by salmon farm foes challenged as 'bad science.'" A national organization that strongly opposes siting a land-based salmon farm in Belfast has released an analysis that argues the way the fish are fed will be inefficient, unsustainable and potentially unhealthy to people and oceans, according to the article. However, Nordic Aquafarms, the Norwegian-based company that would like to build one of the world's largest indoor salmon farms, has decried the analysis, deeming it misleading, inaccurate and based on bad science, the article states. Bricknell agreed with Nordic Aquafarms, and said he found the analysis to be confusing and misleading. "If it was going to an educated audience, this was dubious at best and should really be disregarded," he said. "But the problem is it isn't going to an educated audience. It's probably going to the public, and it's one of the ones that's fueling the misinformation, by taking scientific information, confusing it and saying that everything's up in the air," he said. MSN News carried the BDN report.

Sun Journal advances Beekeepers Club talk by Ph.D. student

24 Oct 2018

The [Sun Journal](#) reported Kalyn Bickerman-Martens will speak during the Androscoggin Beekeepers Club meeting Nov. 14 at West Auburn Congregational Church in Auburn. Bickerman-Martens, a Ph.D. candidate in ecology and environmental sciences at the University of Maine, will present, "The Maine Bumble Bee Atlas: A Multi-Year Citizen Science Project to Survey Bumble Bee Species in Maine." Bickerman-Martens' work focuses on the health of Maine's bees and wild blueberry pollination. She helps coordinate the Maine Bumble Bee Atlas, a citizen science project led by the Maine Department of Inland Fisheries and Wildlife to document the diversity, distribution and abundance of bee species in Maine, the Sun Journal reported.

Times Record reports on Groden's brown-tail moth research

24 Oct 2018

[The Times Record](#) published an article on research being conducted by Ellie Groden, a professor of entomology at the University of Maine. Groden is working to rid the state of the brown-tail moth, an invasive insect that is prevalent throughout the Midcoast. The caterpillars eat leaves and can defoliate and kill entire trees. The insect also is covered with toxic hairs that can cause a rash similar to poison ivy if they come into contact with human skin, and can cause more serious respiratory issues if inhaled, the article states. Groden and her students track population levels and overwintering density in the Midcoast, as well as the winter survival rate. They also track disease levels and other factors to assess their impact on the population, according to the article. "Our whole idea is to look at under what conditions are these at higher densities and what conditions aren't they? What's favoring these natural enemies? We want to work with them, not against them," Groden explained. She said one possible solution that could put a dent in the population would be to break down the protective nests that help the moths survive the winter.

Brewer speaks with Maine Public about Sen. King's campaign

24 Oct 2018

Mark Brewer, a political science professor at the University of Maine, spoke with Maine Public for a report about independent U.S. Sen. Angus King seeking re-election this year. According to King, his opponents are helping his campaign as they come at him from both sides. "I am being criticized by one of my opponents for voting with President Trump too much, and the other one for not voting with him enough, so maybe I am in the right spot," he said. Brewer said he thinks King may be threading the needle just right as an independent in an increasingly partisan political atmosphere. "Not only is he the only independent that is likely to win, he is also the incumbent. And he's in an entirely different category. He is a two-term governor, incumbent U.S. senator, incredibly popular," Brewer said.

Nikkei Asian Review quotes Long in article on Vietnam party chief being named president

24 Oct 2018

Ngo Vinh Long, a professor of Asian history at the University of Maine, was quoted in the [Nikkei Asian Review](#) article, "Vietnam party chief Trong formally named president." Vietnamese lawmakers elected Communist Party chief Nguyen Phu Trong as president, making him the first leader to hold both titles since the nation's founder, Ho Chi Minh, according to the article. The election highlights a shift that is comparable to the centralization of power in China under Xi Jinping, the article states. "The election of Mr. Trong to the position of president is a temporary solution because the current leadership in Vietnam has not agreed on a suitable person for that position," Long said. "He might want to imitate Xi Jinping's model, but the current situation in Vietnam will not allow him to seize power as Xi Jinping did."

UMaine College Republican speaks with Maine Public about student voting

24 Oct 2018

The University of Maine was mentioned in the [Maine Public](#) report, "Maine's tightest races could be tipped by college students, doggedly working to get out the vote." With a number of colleges, including UMaine and Bates College, in the state's 2nd District, college students could be consequential in the race between Republican incumbent Rep. Bruce Poliquin and Democratic challenger Jared Golden, Maine Public reported. Jeremiah Childs, with the UMaine College Republicans, said in the past two years, his group has grown from just a few members to a mailing list of more than 100 students. He said during the election season, the group has focused its effort off-campus, though, talking to potential voters in more rural areas, the report states. "So we find that the more rural, less densely populated the area, the more likely they're going to be a Republican voter," he said.

Maine Edge reviews SPA production of 'Animal Farm'

24 Oct 2018

[The Maine Edge](#) reviewed the University of Maine School of Performing Arts' production of "Animal Farm." Student director Alan Liam Estes leads a cast of eight UMaine students in the production. Despite only having less than a month to prepare, "the players put on an impressive performance," the review states. The first mainstage theatre production of the School of Performing Arts 2018–19 season, Ian Wooldridge's adaptation of the George Orwell classic will run for seven performances through Oct. 28 in the Al Cyrus Pavilion Theatre. Tickets are \$10 or free with a student MaineCard, and are available [online](#) or by calling the box office, 581.1755.

KJ interviews McConnon about Maine craft, artisan industries

24 Oct 2018

Jim McConnon, a University of Maine Cooperative Extension specialist and professor of economics at UMaine, spoke with the [Kennebec Journal](#) for an article about the 38th annual Fall Holiday Arts and Craft Fair that was held in Augusta. McConnon, who studies small businesses with 1–5 employees, said these businesses make up more than a fifth of the state's employment, which is higher than the national average. Many of the businesses at the craft fair would fall into this category, according to the article. McConnon said he has worked with artisans to help thoughtfully price their products at workshops with the Maine Crafts Association. "Somebody that's in competition can manufacture in China for about a tenth of how I get it done. It's expensive to manufacture in the United States, but it's worth it because ... Maine people made those," he said. The craft industry thrives in Maine, McConnon added, because people are willing to spend the extra money for a quality product and that artisan industries also get a bump from Maine tourists.

Hutchinson Center to offer professional development program on public speaking

25 Oct 2018

A professional development program, "Public Speaking for Business and More," will be offered 8 a.m.–3:30 p.m. Nov. 2 at the University of Maine Hutchinson Center in Belfast. Nonprofit and business leaders, educators, municipal officials, members of the clergy and others interested in becoming a more effective speaker are invited to attend. The program will be facilitated by Tom Dowd, a prize-winning speaker, as well as an award-winning and best-selling author, trainer and coach. Program participants will learn how to relieve the stress associated with speaking publicly; become skilled in speaking with or without notes; think quickly, speak logically and engage an audience; and use the power of personalized storytelling to increase information retention. The cost of the program is \$195 per person, and includes a continental breakfast and catered lunch. Need-based scholarships are available. Registration is [online](#). For more information or to request a reasonable accommodation or scholarship application, contact Diana McSorley at 338.8093 or diana.mcsorley@maine.edu.

November CCA performances to include Roy Orbison hologram tour, 'Something Rotten!'

25 Oct 2018

The Collins Center for the Arts at the University of Maine is offering a variety of performances throughout the 2018–19 season. November events will include a comedy show, acrobats, musical theatre and a hologram tour, among other musical performances. Howie Mandel will perform at the CCA at 7 p.m. Nov. 1. Howie Mandel has become a mainstay of the American comedy scene. His versatile career has encompassed virtually all aspects of the entertainment spectrum, including television, film and stage. "In Dreams: Roy Orbison in Concert — The Hologram Tour" comes to the CCA stage at 7 p.m. Nov. 7. Through cutting-edge digital and laser technology and extraordinary theatrical stagecraft, this first-of-its-kind live concert sees Orbison brought to life on stage to perform his classic tracks as well as newly recorded and never-before-heard arrangements of his originals. Jane Coop will perform at Minsky Recital Hall at 3 p.m. Nov. 11. Her intelligence and perception, together with her refined and heartfelt approach to music, make her a pianist audiences want to hear many times over. The concert is a selection in the John I. and Elizabeth E. Patches Chamber Music Series. A reception for patrons and artists will follow. The New Chinese Acrobats will take the CCA stage at 7 p.m. Nov. 14. Mixing new techniques and acts with ancient traditions, The New Chinese Acrobats present the opportunity to view the best of China's ancient folk art, mixed with the style and virtuosity of today's generation. With performers selected from across China for their high-level acrobatic skills and innovative staging, the show includes award-winning acts from prestigious circus festivals such as Monte Carlo Circus Festival and World Circus Festival of Paris. There will be a performance by Béla Fleck, Edgar Meyer and Zakir Hussain with Rakesh Chaurasia at the CCA at 7 p.m. Nov. 18. Banjo legend Fleck makes his third appearance on the CCA stage, joined by tabla genius Hussain and double bass master Meyer for an intricate, conversational performance. Moving between the realms of bluegrass, classical and world music, these friends are widely considered to be the leading virtuosi on their respective instruments. The month concludes with "Something Rotten!" at the CCA at 7 p.m. Nov. 28. With 10 Tony nominations including Best Musical, this hilarious smash set in the '90s — the 1590s — tells the story of Nick and Nigel Bottom, two brothers who are desperate to write their own hit play while the "rock star" Shakespeare keeps getting all the hits. When a local soothsayer foretells that the future of theatre involves singing, dancing and acting at the same time, the brothers set out to write the world's first musical. For more information, to view the full season schedule or to purchase tickets, visit the CCA [website](#).

Yale professor to discuss volcanic eruptions, the Nile and social unrest in Ancient Egypt

25 Oct 2018

How did volcanic eruptions impact the flow of the Nile River and affect social unrest in Ancient Egypt? Joseph Manning, the Simpson Professor of Classics and History at Yale University, will explain in a free, public lecture at 7 p.m. Oct. 30, in 100 D.P. Corbett Business Building. Manning observed that explosive volcanic eruptions resulted in a reduction in precipitation in Ptolemaic Egypt (305–30 BCE). This was particularly dramatic in the case of the monsoon that drove the annual flood of the Nile. Manning and his colleagues demonstrated the connection between volcanic eruptions, Nile River flood suppression and resulting social unrest. The University of Maine's Hudson Museum, Anthropology Department, Climate Change Institute and Graduate School are sponsoring Manning's lecture. For additional information or to request a reasonable accommodation, contact 207.581.1904.

Savoie earns national service award, media report

25 Oct 2018

[Morning Ag Clips](#), [Kennebec Journal and Morning Sentinel](#) published a University of Maine Cooperative Extension news release announcing educator Kathy Savoie was honored at the National Extension Association of Family and Consumer Sciences' 2018 annual session. Savoie received the Distinguished Service Award, the highest award presented by the group, for making a significant impact on revitalizing the art and science of food preservation in Maine. Maine is the only New England state to offer the Master Food Preserver program, which trains volunteers to extend the reach of food preservation education throughout communities.

Gardner quoted in Science article on challenges for female Ph.D. students

25 Oct 2018

Susan Gardner, director of the Women's, Gender, and Sexuality Studies program and Rising Tide Center at the University of Maine, was quoted in the [Science](#) article, "When you're the only woman: The challenges for female Ph.D. students in male-dominated cohorts." Gardner has interviewed Ph.D. students about their experiences in graduate school, the article states. Students usually drop out because of some other factor besides intellectual ability, such as poor advising, a toxic climate, or because they want to pursue other options, according to Gardner. "Very few people drop out of doctoral education because they got bad grades," she said. Regardless of the reason, Gardner added, the study makes it clear that "there's something systemic going on. And systemic problems have to be dealt with at the institutional level." Faculty members should do more to think about how to make "our students feel like they belong," she said.

Mainebiz interviews Hamlin about sea lice, salmon farming research

25 Oct 2018

Heather Hamlin, an associate professor of aquaculture at the University of Maine, spoke with [Mainebiz](#) about her recently funded research on ways to address the issue of sea lice in salmon farming. Hamlin, Deborah Bouchard and Ian Bricknell of UMaine's Aquaculture Research Institute were awarded \$725,365 by National Sea Grant College, a program of the National Oceanic and Atmospheric Administration (NOAA). The project will address gaps in knowledge of sea lice biology and control methods, such as integrated pest management, and new, ecologically sensitive chemical compounds and their effects on nontarget species, such as lobsters, according to the article. "We want to convene all kinds of stakeholders — commercial producers, regulators and scientists all together in one place," she said. "We want to facilitate change and in a collaborative way." NOAA Sea Grant also awarded \$692,216 to fund development and use of new high-resolution satellite technology expected to promote productive and sustainable oyster, scallop and mussel aquaculture, Mainebiz reported. The study will be led by Damian Brady and Emmanuel Boss of UMaine's School of Marine Sciences.

President Ferrini-Mundy writes BDN op-ed on state's economic success, investing in students

25 Oct 2018

University of Maine President Joan Ferrini-Mundy wrote an opinion piece for the [Bangor Daily News](#) titled, "Maine's economic success tomorrow depends on investing in our students today." MSN News also published the piece.

UMaine research on weed management for organic farms focus of \$1.9M USDA award

26 Oct 2018

Weed management strategies for organic vegetable growers, including challenges to implementing them, will be the focus of a more than \$1.9 million grant from the United States Department of Agriculture National Institute of Food and Agriculture to the University of Maine. The research will be led by Eric Gallandt, a UMaine professor of weed ecology and management, and Dan Brainard, a Michigan State University associate professor of sustainable vegetable production. They will investigate different methods of weed management for organic growers and the reasons some vegetable farmers do not implement them. The goal is to address these barriers, and integrate cultural and mechanical strategies for improved weed management on organic farms. One of the most prominent challenges organic farmers face is weeds, which they often manage with cultivation, crop rotation and cover cropping. However, many organic farmers rely on outdated equipment and less effective weed management tools that, when combined with natural dispersal of weed seeds, allow for stable or increasing weed populations. Gallandt proposes a cultural weed management approach focused on practices for depleting the weed seedbank, the reserve of viable weed seeds present in soil, along with advanced, effective cultivation tools to reduce weed populations over time. Most organic vegetable farmers focus on the "critical weed-free period," cultivating for an early crop size advantage to minimize yield loss, according to the researchers, who note the problem of weeds is sometimes neglected in the process. However, management focused on seeds and seedlings will create a positive feedback loop to reduce the weed seedbank. Both weed seedbank management strategies and cultivation tools, including between-row tools, in-row tools and stacking tools, can improve mean efficacy of weed management practices and reduce variability of the outcomes, but few farmers have adopted these strategies. Lack of access to some tools, beliefs that the practices are not compatible with a particular farm, and lack of evidence-based research on the subject discourage farmers from implementing these weed management practices. "Our aim is to work with innovative farmers, equipment manufacturers and researchers to address these barriers to adoption," says Gallandt. The research team's goals are to develop and demonstrate advanced weed management practices that will result in decreasing weed populations and increasing profitability, and engage stakeholders through on-farm research, data-driven decision making, and exchange of knowledge and experiences between farmers. Contact: Cleo Barker, 207.581.3729

Social media spotlight: Grace Smith

26 Oct 2018

Hometown: Holden, Maine Meet Grace Smith of Holden, Maine, who was born in Rock Hill, South Carolina and moved to Maine at age 8. This summer, the junior molecular and cellular biology and biochemistry double major with a minor in computer science, who also is in the Honors College, interned at the Novartis Institute for Biomedical Research in Cambridge, Massachusetts through the Novartis Scientific Summer Scholars Program. Smith did pharmaceutical research in the Chemical and Biological Therapeutics department, working with a new protocol called NeuCoding to internally label cell lines, each with a different candidate drug, to find which proteins interact with the drugs. **Why was your internship work important, and what was your favorite part?** Implementation of this protocol has the potential to catalyze the rate at which drug/protein interactions are elucidated, allowing safer drugs to more

quickly be delivered to the patients that desperately need them. My favorite part of this internship was being surrounded by extremely motivated, research-oriented individuals that strived to improve the prognosis of individuals suffering from disease. **What prompted your interest in the field of genetics?** My initial interest in genetics was sparked in an Honors biology class while discussing a plethora of diseases caused by and linked to genetic mutations. My understanding of genetic disease and predisposition was extremely rudimentary at the time, and since then my interest and passion has exponentially expanded as my understanding of the complexity of the role of genetics in disease has developed. **What are you researching, and what are the implications?** My research looks at the role of non-protein coding genes called long non-coding RNAs (lncRNAs) that have important roles in gene regulation and expression, making them relevant to a variety of diseases and physiological processes. I have identified a novel set of these lncRNAs that are differentially expressed in cardiac and caudal (a model for limb regeneration) regeneration in the highly regenerative zebrafish and hope to unravel their role in this complicated process. As our understanding of these lncRNAs in the context of regeneration grows, we may be able to better understand how an organism like the zebrafish can so efficiently regenerate — and conversely, why humans cannot. This could lead to the identification of lncRNAs that promote regeneration and could be used to develop better treatment methods for heart attacks and limb loss or damage. **How has the Honors College shaped your experience at UMaine?** The best part of the Honors College is that I have been able to work with undergraduates of all majors instead of interacting with just those in my biology classes. I have also met a lot of professors through the Honors program, including my current research advisor. I also feel like the Honors College has allowed me to personally develop into an individual who is more aware, interested and informed about other cultures, religions and ideas. **What do you do for fun outside the classroom?** In my free time, I enjoy running — I've done three half marathons and completed my first full marathon this past September. I'm a member of UMaine Club Track, and also am vice president of the Maine Society for Microbiology, a collegiate branch of the American Society for Microbiology. **Why do you love UMaine?** I love UMaine because of its limitless opportunities for undergraduates in research labs to perform amazing research, and for the amazing connections I've made with peers, graduate students and professors whose dedication never ceases to inspire me. **Do you have any advice for incoming students?** My advice for incoming first-year students is to reach out to your professors — you don't have to be struggling in a class to visit them in their office hours. Also, if there is anything (whether it be clubs, sports, etc.) you are even slightly interested in — take the dive and try it out. Even if you decide it's not something you want to continue, you'll regret the opportunities you don't take, not the ones you do. See posts featuring Smith on UMaine's [Facebook](#) and [Instagram](#) pages.

Silver to perform in Holocaust survivor benefit concert at Carnegie Hall in NYC

26 Oct 2018

Pianist Phillip Silver, a professor of music in the University of Maine School of Performing Arts, will be one of 18 performers taking the Carnegie Hall stage in New York for “[Hours of Freedom: The Story of the Terezin Composer](#),” Nov. 12. Proceeds from the benefit concert will support the care of the last generation of Holocaust survivors. It is presented by the Defiant Requiem Foundation and UJA-Federation of New York. In the past five years, Silver has appeared in performances of “Hours of Freedom” in New York City; Washington, D.C.; Jerusalem; and Terezín Concentration Camp, located 60 kilometers north of Prague. The two-hour production features live performance and narration, and video interviews with survivors to showcase the music of 15 composers imprisoned at Terezín. “So many composers were concentrated in that camp at its height,” says Silver, whose research for the past 20 years has focused on reclaiming for posterity the works of composers who lost their lives in the Holocaust. The music for the Nov. 12 performance will include works for classical piano, string and wind trios and quartets, cabaret, lieder and small orchestra. “These concerts are eye-opening opportunities to show the audience the courage of people — cultural beings sitting in a limbo world with their identities lost,” Silver says. “Yet they were creating works, some like Viktor Ullmann’s third string quartet that were so beautiful, you would not know there was any relation to the concentration camp, and others that were pointed attacks on the system that was attempting to so completely dehumanize them.” The hope of Silver and the other artists is that the works of these composers will increasingly find their way into traditional performance settings as works of art. “If we don’t play these works, it’s tantamount to killing these composers a second time,” says Silver, who has recorded CDs of the works of two Jewish composers of the era — Leone Sinigaglia and Bernhard Sekles — who, like their peers, faced persecution under the Nazi regime. Many of the works, performed with cellist Noreen Silver and violinist Solomia Soroka, are recorded for the first time. “Hours of Freedom” is one of two performances staged by the Defiant Requiem Foundation, a nonprofit based in Washington, D.C., founded by conductor Murry Sidlin in 2008. “Defiant Requiem: Verdi at Terezín” tells the story of the Jewish prisoners who performed the oratorio 16 times, including one performance to SS officials, and another to an International Red Cross delegation. The mission of the Defiant Requiem Foundation is to preserve the memories of Terezín prisoners during World War II who, “despite monumental suffering, disease and the constant presence of death, found hope and inspiration in the arts and humanities.”

Retirement celebration for Corriveau Nov. 2

26 Oct 2018

Members of the University of Maine community are welcome to attend a retirement celebration for Tonya Corriveau, an administrative assistant in the College of Liberal Arts and Sciences Dean’s Office. The celebration will be held 10–11 a.m. Nov. 2 in Wells Conference Center. Light refreshments will be served and brief remarks will be made at 10:30 a.m.

UMaine Extension Follow a Researcher expedition to Poland begins Nov. 5

26 Oct 2018

Teachers, students and the public are invited to follow two graduate students from the University of Maine Climate Change Institute on their expedition to Katowice, Poland in the fifth Follow a Researcher[®] expedition, “From UMaine to the UN: Climate Science and Policy,” Nov. 5–Dec. 21. Anna McGinn and Will Kochtitzky are traveling to COP24, the Conference of the Parties to the United Nations Framework Convention on Climate Change, to engage with world leaders who are negotiating global climate change policies. Kochtitzky’s research focuses on glaciers in Canada and Alaska. McGinn is studying the social science associated with climate change policy. In the Follow a Researcher[®] initiative, they will share their perspectives on the intersection of physical and social science research, and the opportunity to interact with global policymakers. “A central piece of our attendance at the COPs is to draw connections between these international efforts and the state of Maine,” says McGinn. “Attending the COPs presents a unique opportunity for researchers in Maine to explore how scientific research feeds into international decision-making on climate change to build relationships with leading policymakers, physical and social scientists, and practitioners from around the world.” Participants will be able to experience the negotiations through blog posts, tweets, live video conferences, and interviews with country negotiators, heads of nongovernmental organizations, and other delegates. Participating schools and individuals will be offered the opportunity to send a “trip flag” with McGinn and Kochtitzky, which will be displayed at the conference. Register [online](#) by Nov. 5. Follow a

Researcher 2018 is presented with support from UMaine's Alton '38 and Adelaide Hamm Campus Activity Fund.

Leahy to lead land planning presentation in Monson, Morning Ag Clips reports

26 Oct 2018

[Morning Ag Clips](#) reported Jessica Leahy, a professor of human dimensions of natural resources at the University of Maine, will lead a program Nov. 15 in Monson to discuss future land planning. "Taking the First Steps: Building a Plan for the Future of Your Land," will be held 6–8 p.m. at the Monson Arts Center. The talk will be beneficial to all landowner types, according to the article. Leahy will instruct participants in how to build a foundation and get started on thinking about the future of their land, the article states.

Maine Edge interviews Howie Mandel ahead of CCA performance

26 Oct 2018

[The Maine Edge](#) interviewed comedian Howie Mandel ahead of his Nov. 1 performance at the Collins Center for the Arts at the University of Maine. While recent years have seen Mandel gain added fame for his stretches as a game show host on "Deal or No Deal" and talent show judge on "America's Got Talent," his stand-up career began in the late 1970s, according to the article. While his comedy career flourished, he also was a major figure on television shows and in movies. Through all of this, Mandel remains committed to his first love — stand-up comedy, the article states. "It's like I'm at this great party and I'm the center of attention," he said. "Sure, I have this plethora of material, but I'm not attached to it. I'm always looking for any opportunity to be taken off the beaten path. I love to engage with the audience; the results often leave everyone pleasantly surprised." Tickets are available on the CCA [website](#).

Journal Tribune advances art, science event at Emera Astronomy Center

26 Oct 2018

The [Journal Tribune](#) reported Biddeford artist Roland Salazar Rose is teaming up with the Emera Astronomy Center at the University of Maine to present a public show based on his series of 11 "Solar Flare" paintings. The show, "Solar Flares and Salazar — An Art/Science Collaboration," includes five evening programs in November where the paintings will be projected onto the center's interior dome, according to the article. Project participants are Rose; Shawn Laatsch, director of the Emera Astronomy Center; with surround sound compositions by Duane Shimmel, featuring narration by Eleanor Kipping and a script by John Ripton, who collaborated with Rose, the article states.

Boston Globe publishes op-ed by Socolow on Elizabeth Warren, George Foreman

26 Oct 2018

[The Boston Globe](#) published an opinion piece by Michael Socolow, an associate professor of communication and journalism at the University of Maine. The piece is titled, "What Elizabeth Warren can learn from George Foreman."

Record fundraising and \$1 million pledge announced by University of Maine Foundation at annual luncheon

26 Oct 2018

Over 230 University of Maine benefactors gathered to celebrate a record-breaking year of fundraising at the annual University of Maine Foundation luncheon on campus Oct. 26 during Homecoming weekend. Foundation President Jeff Mills announced gifts and pledges totaling \$36.9 million for fiscal year 2018. That total is up 115 percent over the previous year and brings the total collected during the current Vision for Tomorrow comprehensive campaign to over \$160 million — 80 percent of the campaign goal. "2017–18 was a tremendous year for fundraising at the University of Maine," says Mills. "As a result, UMaine's endowments are now at an all-time high of over \$327 million. Private support is providing UMaine students, faculty and staff with crucial resources that enhance their UMaine experience." To kick off 2018–19 fundraising, College of Engineering Dean Dana Humphrey announced a \$1 million pledge from the Abbagadasset Foundation to support the Engineering Education and Design Center, UMaine's top capital priority for the Vision for Tomorrow comprehensive campaign. "We are pleased to invest in this attractive new engineering center which includes significant space for biomedical engineering," said Debbie Lipscomb, who co-directs the Abbagadasset Foundation in Bowdoinham, Maine with her husband, Dr. Denham Ward '69. "That program is close to our hearts and we're excited to be able to support it." Ward and Lipscomb have a long affiliation with the University of Maine. Denham, a native of Clinton, Maine, was an Honors College student who graduated with a degree in electrical engineering. He earned a Ph.D. in 1975 from the University of California, Los Angeles, and an M.D. from the University of Miami in 1977. Ward is an emeritus professor and chair of anesthesiology at the University of Rochester, where they were active members of the UMaine Alumni Rochester Chapter. Lipscomb is a graduate of Occidental College. The couple also supports scholarships for engineering majors in the Honors College. For more information about giving to the University of Maine, contact the University of Maine Foundation, 207.581.5100. Contact: Monique Hashey, 207.581.5104

UMaine to host 'Dawnland' documentary screening Oct. 29

29 Oct 2018

The University of Maine will host the Orono premiere of the critically acclaimed documentary "Dawnland" at 6:30 p.m. Oct. 29. The showing will be held in 100 D.P. Corbett Business Building. Filmmakers and film participants are expected to attend. "Dawnland" is a documentary about cultural survival and stolen children — inside the first truth and reconciliation commission for Native Americans. It is directed by Adam Mazo and Ben Pender-Cudlip. More about the film is [online](#).

Remembering the victims of the Tree of Life Synagogue Pittsburgh shooting

29 Oct 2018

A candlelight vigil will be held at noon today on the steps of Fogler Library to remember the victims of the Tree of Life Synagogue shooting in Pittsburgh on Saturday. The UMaine event is organized by the Office of Multicultural Student Life. Tomorrow, Oct. 30 at 6:30 p.m., there will be a Jewish memorial program at Congregation Beth El, 183 French St., Bangor. All who are saddened by this attack are welcome to attend. Communities statewide are [calling for healing](#) following the tragedy Saturday at a synagogue where a gunman killed 11 and wounded six. Saturday evening, UMaine President Joan Ferrini-Mundy and Vice President and Dean of Students Robert Dana noted in a message to the university community: "This act of horrific violence is vile and catastrophic for Jews and non-Jews everywhere. It tears at all of us, and causes waves of fear for the unknown and for the type of terror reflected in this atrocity. The University of Maine community comes together today to affirm our values of inclusivity and safety. We are a strong, loving and welcoming community. This sort of violence must cause us to be stronger in our absolute core belief that dignity and respect for all people at all times is an imperative of a healthy, caring and diverse society."

Republican Journal previews Hutchinson Center program on public speaking

29 Oct 2018

[The Republican Journal](#) previewed a professional development program at the University of Maine Hutchinson Center in Belfast titled "Public Speaking for Business and More," Nov. 2. The program is aimed at nonprofit and business leaders, educators, municipal officials, members of the clergy and others interested in becoming a more effective speaker, according to the article. Program participants will learn how to relieve the stress associated with speaking publicly; become skilled in speaking with or without notes; think quickly, speak logically and engage an audience; and use the power of personalized storytelling to increase information retention. Registration is [online](#).

Sun Journal reports UMaine Extension to offer Produce Safety Alliance grower training

29 Oct 2018

The [Sun Journal](#) reported the University of Maine Cooperative Extension will offer the Produce Safety Alliance (PSA) grower training in three counties beginning Nov. 30. The training includes seven hours of instruction time in seven modules, and provides a foundation for farm food safety best practices and coordinated management information, Food Safety Modernization Act requirements, and details for developing a farm food safety plan. The workshops are in collaboration with the Maine Department of Agriculture, Conservation and Forestry, and AgMatters LLC. Trainings will be held from 9 a.m.–6 p.m.; dates and locations are Nov. 30 in Lisbon Falls, Jan. 8 in Bangor and Feb. 8 in Unity, the article states. The program fee is \$20 and includes a manual, completion certificate, lunch and snacks. For more information or to request a reasonable accommodation, contact Theresa Tilton, 942.7396, theresa.tilton@maine.edu.

Republican Journal advances Hutchinson Center program on trauma, relationships

29 Oct 2018

[The Republican Journal](#) reported the University of Maine Hutchinson Center in Belfast will offer a two-day professional development program, "Past Trauma and Current Relationships: Integrating Nonviolent Communication and Interpersonal Neurobiology," Nov. 5–6. The program will benefit participants from a variety of fields, including for-profit and nonprofit sectors, education, health care, criminology and social services. The goal of the interactive program is to explore how early life experiences, including traumas such as adverse childhood experiences, affect how we relate to people now, according to the report. Participants will have the opportunity to gain clarity about how the brain responds to challenging situations, and will experience new insights into choices leading to authentic relationships, the article states. Registration is [online](#).

UMaine Extension to offer webinar on dairy protection program, Morning Ag Clips reports

29 Oct 2018

[Morning Ag Clips](#) reported University of Maine Cooperative Extension, in partnership with University of Massachusetts Cooperative Extension, will offer a free webinar about Dairy Revenue Protection, a new program of the USDA Risk Management Agency (RMA). The webinar, which will be held noon to 1 p.m. Oct. 30, will provide a program overview and a demonstration of the cost estimator tool on the RMA website. Presenters will be Mike Ciliege, from the USDA RMA Product Administration and Standards Division, and William Barnes Jr., deputy director of the RMA Raleigh regional office, according to the report. Online registration is required.

Press Herald publishes poem by Moxley

29 Oct 2018

The [Portland Press Herald](#) published a poem written by Jennifer Moxley, a professor of English at the University of Maine. "7:54 AM" appeared as part of "Deep Water: Maine Poems," a series edited and introduced by Portland poet Gibson Fay-LeBlanc and produced in collaboration with the Maine Writers & Publishers Alliance. Moxley's poem tracks the speaker's thoughts after a "brutal" storm knocked out the power, according to the article.

Sun Journal quotes Moran in article about Ricker Hill Orchards

29 Oct 2018

The [Sun Journal](#) quoted Renae Moran, an associate professor of pomology and a fruit tree specialist with University of Maine Cooperative Extension, in a story about Ricker Hill Orchards. The eighth-generation orchard faces industry challenges of poor crop yields and competition, while also dealing with debt that resulted from expanding its side operations to remain competitive. The family farm offers the classic draws of pick-your-own apples, children's activities and more, and recent expansions have included hard cider and wine production, disc golf and a wedding venue. Moran estimated Ricker Hill is either the largest or second-largest grower in the state among 80 apple farms, encompassing 400 acres between Greene, Auburn, Turner, Harrison, Bridgton, Minot and Hebron. Of that land, 360 acres are dedicated to apples. Moran said supermarket consolidation gave the companies "more power in determining the price of apples. That really weakens the whole industry." And aging farmers and a lack of people from younger generations interested in taking over the orchards also

contributed to the decline. According to Moran, “farmers always describe [crop] from a different perspective, how much money they’re making and whether or not they can pay their bills. I describe it from a perspective of the quality of the fruit and the size of the yield, total bushels produced in the state.” She told the Sun Journal yield is down this year, but quality is better.

UMaine mentioned in Journal Tribune article on digital library services

29 Oct 2018

The [Journal Tribune](#) reported Maine libraries have launched a new portal aimed at providing improved free online access to a growing collection of high-quality subscription content. Known as the Digital Maine Library, the site allows any Maine resident to easily access thousands of magazines, newspapers, reference sources and learning materials from their home computers, according to the article. Subscription content is paid for through funding provided by the Maine State Library, the University of Maine and Colby, Bates and Bowdoin colleges. The system is administered through the Maine InfoNet library consortium, the article states.

WABI, WVII cover annual UMaine Alumni Association Homecoming craft fair

29 Oct 2018

[WABI](#) (Channel 5) and [WVII](#) (Channel 7) covered the annual UMaine Alumni Association Homecoming Craft Fair and Maine Marketplace. The fair was held Oct. 27 and 28 in the New Balance Field House on the University of Maine campus, encompassing almost 200 vendors from across the state and drawing thousands of attendees, WABI reported. “This event has been going on for as long as I’ve been alive and longer. So, we are excited to have those vendors back who have been here for 20-plus years, and that is really what makes it special I think, is that people come back year after year and then we bring in the new vendors each year to join that tradition,” said Nicolette Hashey, the associate director of marketing and engagement for the UMaine Alumni Association. “We have 150-plus vendors here today of all sorts of crafts and food.

Maine resident receives national 4-H volunteer award

30 Oct 2018

The National 4-H Council has awarded Hazel Goodwin of Shapleigh, Maine the 2018 Salute to Excellence Outstanding Lifetime Volunteer Award. The prestigious, yearly award is presented to volunteers who have dedicated more than 10 years of their life to working with youth and exhibit exceptional commitment and contributions to 4-H and the community. This year, Goodwin was chosen for the award from more than 20 candidates from around the nation. As the winner, Goodwin will receive a customized plaque, a crystal bowl and a donation in her name to the 4-H club of her choice in addition to nationwide recognition from the National 4-H Council. For the last 86 years, Goodwin has been involved in 4-H. Since she was 9 years old, she has been an active member in the Four Leaf Clover 4-H Club in Shapleigh. She met her husband, Ronald, when they were members in the club. In the 63 years that Goodwin has been a club leader, it is thought that she has directly impacted more than 1,260 youth, according to the National 4-H Council. Goodwin also was selected for a 2018 6 Who Care Award from [News Center Maine](#). In May 2017, she received the University of Maine Cooperative Extension [4-H Salute to Excellence Outstanding Volunteer Achievement Award](#), the highest 4-H volunteer honor bestowed by UMaine Extension 4-H. More information about Goodwin and the National 4-H award is [online](#).

Culturefest to be held Nov. 3

30 Oct 2018

The University of Maine Office of International Programs and International Student Association will host a daylong celebration of cultures Nov. 3 in the New Balance Student Recreation Center. The 31st 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 with a place to showcase their talents and traditions. This year, roughly 60 countries will be represented by more than 150 participants. A variety of community organizations including the Maine Multicultural Center, CISV International, and Literacy Volunteers of Bangor also will participate in the event. The organizations provide opportunities to further engage with the international community, locally and globally. Organizers expect about 1,500 visitors from the campus and surrounding communities. More information about Culturefest is available [online](#) or by calling 581.3437.

Republican Journal advances Hutchinson Center program on restorative practices

30 Oct 2018

[The Republican Journal](#) reported the University of Maine Hutchinson Center in Belfast will offer a six-session program on restorative practices beginning Nov. 30. Subsequent sessions are Dec. 1, Jan. 11, Feb. 8, March 8 and April 26; all sessions are from 9 a.m.–4 p.m. The focus of the program is the restorative approach, which emphasizes the importance of creating a positive, healthy school climate based on empathy, trust and respect. Research-based restorative practices currently are used in several Maine schools, juvenile correction facilities and youth-serving organizations, the article states. The program cost is \$600 per person for six sessions and includes materials, a light breakfast and catered lunch. A limited number of need-based scholarships are available. Participants will receive a certificate in restorative practices and 4.2 continuing education units (CEUs)/42 contact hours upon completion of the program, The Republican Journal reported. Registration is [online](#).

Holland to discuss making holiday decorations Nov. 13, Republican Journal reports

30 Oct 2018

[The Republican Journal](#) reported Lynne Holland, a community education assistant with University of Maine Cooperative Extension, will discuss the essentials of making Della Robbia holiday decorations for a Belfast Garden Club talk at the Belfast Free Library 2–3 p.m. Nov. 13. The Della Robbia style dates back to the 15th century and takes its name from Italian sculptor Luca della Robbia, who is known for terra cotta work involving religious figures surrounded by fruits, vegetables and leaves, the article states.

Maine Public quotes Ranco in report on redesigning exhibits around Native culture

30 Oct 2018

[Maine Public](#) quoted Darren Ranco, an associate professor of anthropology and chair of Native American Programs at the University of Maine, in a report on the movement to redesign exhibits around Native culture. The report focused on efforts by the Abbe Museum in Bar Harbor to begin “museum decolonization,” or changing the way in which the institution views historic artifacts and frames cultural narratives. The Abbe Museum, which focuses on the Wabanaki, has redesigned its galleries and incorporated indigenous voices, as well as ensured that its board has a majority representation of indigenous people. The next step is establishing the Museum Decolonization Institute, funded by a federal grant, to assist other museums with similar efforts, Maine Public reported. Cinnamon Catlin-Legutko, the president and CEO of Abbe Museum, noted that museums have always held a position of sovereignty and privilege in the selection of what is worthy of being displayed, and in how the exhibits are framed and what messages they communicate about a culture. “I wish more people understood that, and I think that’s where the museums have an ethical responsibility, because at some point they kind of fix things in, they say, ‘This is the Penobscot material culture,’” said Ranco, who is a member of the Penobscot Nation. Ranco told Maine Public that even in the 19th century, correspondence between museum collectors and Penobscot tribal leaders shows disagreement over what was worthy of display in a museum. “There’s just complete management around what is the ‘appropriate’ cultural object that you want,” he said.

AP, MaineBiz report University of Maine Foundation has record fundraising year in 2018

30 Oct 2018

The Associated Press and [MaineBiz](#) reported the University of Maine Foundation reached a fundraising record in fiscal year 2018. The foundation received gifts and pledges totaling \$36.9 million, an increase of 115 percent from 2017. Fundraising brought the foundation’s “Vision for Tomorrow” comprehensive campaign to over \$160 million, 80 percent of its goal, the articles state. The largest capital gift in the university’s history, \$10 million to support the in-progress Engineering Education and Design Center, contributed to the record. [WABI](#) (Channel 5), Maine Public, [U.S. News & World Report](#), San Francisco Chronicle and [Seacoast Online](#) carried the AP report.

WVII covers vigil for victims of Tree of Life synagogue shooting

30 Oct 2018

[WVII](#) (Channel 7) covered a candlelight vigil at the University of Maine for the victims of the Tree of Life synagogue shooting in Pittsburgh. The vigil was held on the steps of Fogler Library at noon Oct. 29. Students, faculty and staff gathered in memory of the 11 people who died in the shooting on Oct. 27. The victims’ names were read aloud, and UMaine President Joan Ferrini-Mundy, Vice President for Student Life and Dean of Students Robert Dana, and others spoke or read poetry, WVII reported. “It was about supporting the Jewish faculty, the Jewish students, the Jewish staff and to make a statement that the University of Maine is a place of safety and a place that supports everyone,” said Amy Fried, chair of the Political Science Department at UMaine. The vigil was organized by the Office of Multicultural Student Life, according to WVII.

New research project to help small farms get needed climate adaptation information resources

31 Oct 2018

Developing tools and information resources to help small to medium-size farms in New England address climate change-related issues that affect productivity, including changes in growing season, drought risks and new pests, is the focus of a new University of Maine research project. The initiative is part of a nearly \$500,000, three-year grant to the University of Vermont (UVM) from the USDA Agriculture and Food Research Initiative’s Agriculture Economics and Rural Communities: Small and Medium-Sized Farms Program. UMaine researchers were awarded \$213,000 as part of the project, “Assessing climate perceptions and developing adaptation resources for small, medium and beginning farms,” led by UVM assistant professor Meredith Niles. At issue is increasing weather variability. In addition, New England also has a high proportion of new farmers who seek credible information on how to best manage their farm under a wide range of conditions. Adapting to a changing climate will require specialized outreach efforts and resources to ensure continued farm viability, according to the researchers. UMaine’s research team — professors Adam Daigneault and Eric Gallandt; Cooperative Extension educator Tori Jackson; and graduate students Sonja Birthisel and Ruth Sexton — will focus on the need to develop climate adaptation tools, data and resources targeted to farmers based on their scale and experience. Most farmers in New England own small to medium-size operations, and a growing number have been farming for fewer than 10 years. In addition, an increasing number of farmers in the Northeast are women, new Americans and veterans. UMaine researchers will interview farmers who own small and medium-size operations, including those just beginning their careers, as well as farm advisers and climate experts regarding their perceptions and experiences regarding climate change. In addition, focus groups with farmers will help identify the most useful resources. Understanding the educational resources on climate resilience farmers could use most, delivered via workshops, webinars and presentations in collaboration with community-based organizations, could help develop a national model for the specialized outreach efforts and resources needed to ensure ongoing farm viability. Collaborators on the UMaine project are: USDA Northeast Climate Hub, Maine Organic Farmers and Growers Association (MOFGA), Beginning Farmer Resource Network (BFRN) of Maine, UVM’s New Farmer Project/Women’s Agricultural Network and the Institute for Social and Economic Development. Contact: Margaret Nagle, 207.581.3745

Native American Heritage Month to feature flag raising, other highlights in November

31 Oct 2018

The Office of Multicultural Student Life, American Indian Student Organization (AISO) and Wabanaki Center collaborate annually to recognize Native American Heritage Month at the University of Maine with a variety of events throughout November. Native American Heritage Month traditionally recognizes and celebrates the extraordinary contributions and accomplishments of First Nations and indigenous communities. At UMaine, the beginning of the month will be marked with the second annual Penobscot flag raising on the Mall at noon on Nov. 1. Other highlights include the annual Multicultural Thanksgiving, 5–7 p.m. Nov. 15 in the North Pod of the Memorial Union, and the AISO’s Social event, 1–2 p.m. Nov. 30 in the Bangor Room of the Memorial Union. There also will be crafts and art workshops, lunch and learn events, and presentations throughout the month. A full schedule of events is [online](#).

Turner Publishing previews wreath-making workshop with Fuller Dec. 1

31 Oct 2018

[Turner Publishing](#) previewed a wreath-making workshop taught by David Fuller, an agriculture and nontimber forest products professional with University of Maine Cooperative Extension. The workshop will teach sustainable balsam fir-tipping techniques, and participants will take home their fir wreath after the workshop. Fuller also will discuss Maine's balsam fir industry, Turner Publishing reported. The workshop will be held at the Ladd Recreation Center in Wayne at 10 a.m. Dec. 1. Participants should bring hand shears and light gloves. The cost is \$5 for members of The Kennebec Land Trust, and \$10 for nonmembers, according to the article. Registration is required; contact 377.2848 or KBrewer@tklt.org.

Fried quoted in Pew Stateline article about voter turnout

31 Oct 2018

[The Pew Charitable Trusts](#) Stateline blog quoted Amy Fried, a professor and chair of the political science department at the University of Maine, in the article "Here's Why Texas Voter Turnout Was So Low and Why It's Surging Now." Texas has a longstanding record of low voter turnout, in part due to a large percentage of the population comprising young people and Latinos, who are less likely to vote than the general population, the article states. A voter ID requirement enacted in 2013, among other logistical barriers, also has contributed to low turnout in the state's past. This year, however, early voting sites in Texas have seen long lines, which could contribute to an increase in turnout for the midterm elections. And national nonprofit Voto Latino has registered 52,000 voters in Texas this election cycle, according to Pew. High voter turnout is typical in other states, like Maine, which had a nearly 59 percent voter turnout for the 2014 midterm elections. This is influenced by factors like high numbers of older white voters in the state, who may be retired and have more time to vote, or may be passionate about protecting services like Social Security and Medicare, the article states. Mainers frequently interact at town meetings and have fiercely defended their stake in government for more than two decades, said Fried. For example, in 2011, Maine residents voted to overturn a law to abolish same-day voter registration. "They are all just very involved," said Fried. [HuffPost](#) and Herald-Mail Media carried the Pew article.

Washington Post publishes op-ed by Socolow on 'War of the Worlds' broadcast

31 Oct 2018

[The Washington Post](#) published an opinion piece co-written by Michael Socolow, an associate professor of communication and journalism at the University of Maine, about Orson Welles' "War of the Worlds" broadcast. The piece, titled "Unraveling the myth of 'War of the Worlds,'" challenged long-held conceptions that the broadcast caused mass panic and hysteria, arguing that fewer than 50 people nationwide actually fled their homes and that some of them could have been prompted by telephone calls from friends and family rather than by the broadcast itself. The piece discussed the broadcast's role in spreading racial and gendered stereotypes, as well as the broader context of fake news and its role in the historical record. [Deutsche Welle](#) interviewed Socolow about the piece.

NPR quotes Brewer in report on 2nd District election speculation

31 Oct 2018

[NPR](#) quoted Mark Brewer, a professor of political science at the University of Maine, in the report "This Maine District Went for Obama, Then Trump. Now It's a Toss-Up." The report focused on the political history of Maine's 2nd Congressional District, which was held by Democrats for 20 years before the election of Republican House Rep. Bruce Poliquin in 2014. And before the election of President Donald Trump, the district had been won by Democratic presidential candidates since Bill Clinton in 1992, the report states. The contest for Maine's 2nd District House seat is a toss-up between incumbent Rep. Poliquin and Democratic challenger Jared Golden, with two independent candidates not expected to pose a significant challenge, according to NPR. Maine has implemented ranked-choice voting for federal elections. This means that "if you were to go and get your ballot today and vote, you'd be given the option to rank those four candidates, one through four. One being your top choice and four being your last choice," said Brewer. If no candidate in the race receives a majority vote, the last-place finisher is eliminated and for those who ranked that candidate first and made a second choice, "those votes are then allocated to their second-choice candidate," he explained. Brewer said it's "fascinating to watch." [Maine Public](#) carried the NPR report.

Hopkins named to Maple Hall of Fame

01 Nov 2018

University of Maine Cooperative Extension educator Kathryn Hopkins will be inducted into the Maple Hall of Fame at the International Maple Museum Centre in Croghan, New York. She will join 91 other inductees who are industry leaders and have "inestimably contributed their time, talent and leadership to the North American maple syrup industry."

Trauma, relationships focus of Hutchinson Center program

01 Nov 2018

A two-day professional development program, "Past Trauma and Current Relationships: Integrating Nonviolent Communication and Interpersonal Neurobiology," will be offered Nov. 5–6 at the University of Maine Hutchinson Center in Belfast. The interactive program will benefit participants from a variety of fields, including for-profit and nonprofit sectors, education, health care, criminology and social services. Participants will explore how early-life experiences affect how we relate to people now, will gain clarity about how the brain responds to challenging situations, and will experience new insights into choices leading to authentic relationships. The program, from 8:30 a.m.–4:30 p.m. each day, will include a continental breakfast and catered lunch. The fee is \$150 per person, with need-based scholarships available. Program presenter Peggy Smith has more than four decades of teaching experience. Registration is [online](#). For more information, or to request a reasonable accommodation or scholarship application, contact Diana McSorley, 338.8093; diana.mcsorley@maine.edu.

Morning Ag Clips advances second annual Cattlemen's College

01 Nov 2018

[Morning Ag Clips](#) published a University of Maine news release advancing the second annual Cattlemen's College, a collaboration between UMaine Cooperative Extension and the Maine Beef Producers Association. The event will be held Nov. 30–Dec. 1 in Charleston and Orono, and will begin with a live, low-stress stockmanship demonstration 2–4 p.m. Nov. 30 at Maple Lane Farms in Charleston. The Orono session will cover topics including grass-fed nutrition, low-stress cattle handling and beef import and export markets, and will begin at 8 a.m. Dec. 1, the article states. Anne Lichtenwalner, a veterinarian with UMaine Extension and director of the UMaine Animal Health Lab, will be one of the presenters. Registration is online. For more information or to request a reasonable accommodation, contact Melissa Babcock, 581.2788, melissa.libby1@maine.edu.

Seacoast Online interviews Brewer about Maine governor's race

01 Nov 2018

[Seacoast Online](#) interviewed Mark Brewer, a professor of political science at the University of Maine, for an article about the Maine governor's race. The race, a contest between a Democrat, a Republican and an independent, has been marked by decorum and lack of controversy, in contrast to the previous two election cycles, the article states. But certain elements still play into the competition. Brewer said independent candidates traditionally have taken votes from the Democratic candidate in a race. "I don't think that there's any doubt that Terry [Hayes] benefits Shawn Moody. I don't think it gives him the edge, but it's a positive for him," Brewer said. Brewer described the campaigns and their ads as "chill," reflecting the candidates' personalities, and spoke to other factors in the race beyond policy. "Regardless of how far we think we've come, there is a gender component. Some voters act differently if it's an aggressive female. Look at the criticism directed at Hillary Clinton," said Brewer. "I suspect Mills' campaign knows that and has taken it into consideration."

UMaine Extension mentioned in BDN article on large animal veterinary care

01 Nov 2018

University of Maine Cooperative Extension was mentioned in the [Bangor Daily News](#) article "In Maine, large animal owners look to themselves for most veterinary type care." For large animal owners in Maine, taking care of their animals' health themselves often makes the most sense in terms of time and expense, the article states. House calls to a farm can cost hundreds of dollars, while transporting an animal to a veterinary facility could mean dozens of miles for some rural animal owners. These barriers to professional care often prompt animal owners to take issues into their own hands. UMaine Extension offers workshops on animal care, one way for large animal farmers to learn the necessary skills to treat animals on their own, according to the BDN.

Credit Union Journal quotes McConnon in article about Maine Harvest Credit Project

01 Nov 2018

[Credit Union Journal](#) quoted Jim McConnon, an Extension business and economics specialist and professor of economics at the University of Maine, in an article about the Maine Harvest Credit Project. The project would be the country's first credit union to exclusively provide loans and mortgages to local farmers and others in the food industry, according to the article. Maine's agricultural sector is "strong and diverse," the number of food and beverage manufacturing companies has grown at 3.5 percent per year for the last decade, and there also has been an influx of younger people wanting to work in the food, farm and agricultural sectors, according to McConnon. "During the past decade or so, we have witnessed a significant increase in small food companies and small farmers, and they will likely benefit from the type of funding services that this proposed credit union will seek to provide," said McConnon.

WABI previews 31st annual Culturefest

01 Nov 2018

[WABI](#) (Channel 5) previewed the 31st annual Culturefest at the University of Maine. International students and other representatives from at least 50 countries will share their customs, food and other elements of their cultures with the UMaine community 11 a.m.–3:30 p.m. Nov. 3 at the New Balance Student Recreation Center. The event is free and open to all, WABI reported.

Brewer quoted in 'Maine Things Considered' report on voter turnout

01 Nov 2018

Mark Brewer, a professor of political science at the University of Maine, was quoted in a Maine Public "Maine Things Considered" report on Maine voter turnout. Election officials in Maine are reporting a spike in requests for absentee ballots, and one third of all ballots cast could be absentee, according to Maine Public. Increased voter interest in this particular midterm election cycle could play a role, possibly influenced by millions of dollars of spending in the races both for governor and representative for the 2nd Congressional District, Brewer said. "Or is it more, kind of, a national-something that is driving this, whether that be unhappiness with the president or something else," said Brewer. "That is the interesting question. My guess is it's probably both." But he questioned the reliability of predictions. "Just because an absentee is requested obviously it doesn't mean it will be turned in. But I think it is definitely pointing to the direction of a stronger turnout," said Brewer.

Strategic Vision forum Nov. 15

02 Nov 2018

A forum for the University of Maine community, "Strategic Vision and Values: Defining Tomorrow at the University of Maine," will be held Thursday, Nov. 15, from 3–4:30 p.m. in Wells Conference Center, led by President Joan Ferrini-Mundy and Executive Vice President for Academic Affairs and Provost Jeffrey Hecker. This forum will launch a series of campus conversations about the university's strategic direction. President Ferrini-Mundy and Provost

Hecker will discuss broad goals and outline a process through which the university community will shape a strategic vision for the University of Maine.

University of Pennsylvania professor to speak about indigenous languages Nov. 5

02 Nov 2018

Américo Mendoza-Mori, a professor of Spanish and Quechua at the University of Pennsylvania, will give a lecture on indigenous languages beginning at 5 p.m. Monday, Nov. 5 in Hill Auditorium, Barrows Hall. Supporting Indigenous Languages: The Case of Quechua” will focus on the possibilities of supporting indigenous languages like Quechua in colleges and universities. Quechua is the most widely spoken indigenous language in the Americas, with nearly 8 million speakers, but UNESCO and other organizations recognize it as an endangered language. The talk will cover the importance of indigenous language planning and revitalization, and how these initiatives can collaborate in the promotion of a more diverse education system. The talk is the first event for UMaine Unido, a new Rising Tide Professorship initiative to highlight latino accomplishments, led by Carlos Villacorta, an assistant professor of Spanish, and Daniel Sandweiss, a professor of anthropology and quaternary and climate studies.

Retired U.S. Army colonel, military historian to speak about Iraq War, ISIS

02 Nov 2018

The Iraq War and the rise of ISIS will be the focus of a Nov. 7 lecture at the University of Maine by retired U.S. Army colonel and military historian Peter Mansoor. The free public lecture at 3:10 p.m. in 100 D.P. Corbett Business Building will be followed by a question-and-answer session. For more information or to request a reasonable accommodation, contact professor Mark McLaughlin, 581.2028. Mansoor is the General Raymond E. Mason Jr. Chair of Military History at Ohio State University and a frequent commentator on military affairs in the national media. A distinguished graduate of the United States Military Academy at West Point, he earned his doctorate from Ohio State University. He assumed his current position in 2008 after a 26-year career in the U.S. Army that included two combat tours and culminated in his service as executive officer to Gen. David Petraeus in Iraq. He is the author of “The GI Offensive in Europe: The Triumph of American Infantry Divisions, 1941–1945,” “Baghdad at Sunrise: A Brigade Commander’s War in Iraq,” and “Surge: My Journey with General David Petraeus and the Remaking of the Iraq War.”

Rheingans, Rosenbaum discuss algorithms on ‘Maine Calling’

02 Nov 2018

The University of Maine’s Penny Rheingans, director of the School of Computing and Information Science, and Judith Rosenbaum, assistant professor in the Department of Communication and Journalism, were recent guests on [Maine Public](#)’s “Maine Calling” radio program. The show focused on algorithms and how they contribute to the information we receive from places such as social media sites.

Klein speaks about sustainability initiatives on ‘Downtown with Rich Kimball’

02 Nov 2018

Sharon Klein, professor of economics at the University of Maine, was a recent guest on the “[Downtown with Rich Kimball](#)” radio show that airs on WZON. Klein spoke about her service learning and research regarding community window insert workshops with Window Dressers, as well as the Sustain Maine license plate.

News Center Maine, WABI cover Penobscot flag raising

02 Nov 2018

[News Center Maine](#) and [WABI](#) (Channel 5) reported on the Penobscot flag raising held on the Mall to mark the start of Native American Heritage Month at the University of Maine. The UMaine Office of Multicultural Student Life, American Indian Student Organization (AISO) and Wabanaki Center collaborate annually to recognize Native American Heritage Month with a variety of events throughout November. Dozens of people gathered in front of Fogler Library for the flag raising and to discuss the contributions and accomplishments of First Nations and indigenous people on the campus community, News Center Maine reported. “One of the huge barriers to understanding between different groups of people is just the visibility factor,” said Maulian Dana of Penobscot Nation. “So when we have these nice symbolic showings of unity and coming together in some kind of nice common humanity I think it goes a really long way.” Other highlights include the annual Multicultural Thanksgiving, 5–7 p.m. Nov. 15 in Memorial Union, WABI reported.

National Geographic quotes McGill in article on catastrophic animal decline

02 Nov 2018

[National Geographic](#) spoke with Brian McGill, professor of ecological modeling at the University of Maine, for the article, “Widely misinterpreted report still shows catastrophic animal decline.” The World Wildlife Fund For Nature’s recently released Living Planet Report was widely misinterpreted by many outlets, with headlines wrongly insisting that we’ve lost 60 percent of all animals over the course of 40 years, according to the article. The biannual report examined trends in the global Living Planet Index, a biologist’s “stock market index” for the diversity and abundance of animals worldwide. If the global score is steady or increasing, animals are generally thriving, while a falling score indicates a planet-wide problem, the article states. The Living Planet Index is down 60 percent since 1970, National Geographic reported. McGill explained the frustration of working on a biodiversity census by comparing it to other nature-monitoring projects with extensive infrastructure, like weather prediction. “In the U.S. alone, the National Weather Service spends billions of dollars a year to make accurate weather forecasts — investment in ground weather stations, ocean buoys, radiosonde balloons, and satellites to get the best possible measurements of the current state of the weather,” he says. “We have no equivalent for biodiversity.”

BDN reports on nursing education program between UMaine, Bangor hospital

02 Nov 2018

The [Bangor Daily News](#) reported on a new partnership between the University of Maine and Northern Light Eastern Maine Medical Center in Bangor. The dedicated nursing education unit gives UMaine nursing students the opportunity to look after patients under the supervision of hospital nurses, according to the article. Officials from Northern Light EMMC and UMaine announced the dedicated education unit, which began earlier this fall, at a recent news conference, highlighting it as a part of the solution to Maine's projected shortage of registered nurses, the article states. The students' training at the hospital counts toward their coursework requirements, and it helps them become better prepared to join the workforce after graduation, according to Mary Walker, director of the UMaine School of Nursing. "Utilizing the staff from Eastern Maine Medical Center helps us essentially double the number of teachers that we have for students, and using the dedicated education unit allows us to double the clinical experience for the students," Walker said. "So effectively we can admit more people that we're able to handle just by ourselves." [WVII](#) (Channel 7) also reported on the news conference announcing the program.

RiSE Center, educators to enhance computer science education, develop student skills for 21st-century careers

02 Nov 2018

Thirty teachers from 10 Maine schools will team with the University of Maine to enhance middle school computer science education statewide and develop student computational skills needed for 21st-century jobs. A \$1.25 million National Science Foundation grant to the Maine Center for Research in STEM Education ([RiSE Center](#)) at the University of Maine will fund an exploratory study in which collaborative teams will develop and test activities that integrate computer science into middle school science instruction. "This is an exciting project because it brings classroom teachers together with University of Maine education researchers and computer scientists to develop engaging, classroom-based strategies to teach core science and computer science concepts and skills," says Susan McKay, a UMaine professor of physics and founding director of the RiSE Center. "Our goal is to develop and study a model that will help Maine schools integrate computer science into science instruction to enhance student learning of both subjects. The types of collaborative learning through relevant, real-world applications that we will foster through this grant hold promise for increasing the knowledge and enthusiasm of all students for STEM, and for attracting a broader group of students to these fields." The project will take place through the [Maine STEM Partnership](#) — a statewide education improvement community that provides professional learning opportunities for educators. The project is a response to the Maine Computer Science Task Force's recommendation to expand computer science instruction at the middle-school level statewide. The [task force report](#) noted that while computer science courses are offered in schools in all 16 counties of Maine, in both rural and urban communities, "Maine students do not have equal access to computer science education." A national census by Code.org that included 203 Maine schools indicated that 30 percent of K–12 Maine schools offer computer science education but that "Maine students are missing out on essential computational skills which are required for success in 21st-century jobs." The task force reported 71 percent of new STEM jobs are in computing occupations, and that computer science "is a part of every industry including health care, manufacturing, information technology, and a variety of other essential Maine industries." McKay is principal investigator of the project titled "Integrating Computing into Science Teaching and Learning in Grades 6–8: A Diverse Partnership to Develop an Evidence-Guided Model to Serve Rural Communities." Others educators leading the study are: Mitchell Bruce, UMaine chemistry professor and RiSE Center member; Jim Fratini, Hermon Middle School teacher; Sara Lindsay, UMaine marine sciences associate professor and RiSE Center member; and Harlan Onsrud, UMaine professor of spatial informatics. In the last eight years, the RiSE Center has secured grants totaling more than \$19 million to work with Maine educators to infuse classrooms with research-supported practices. Contact: Beth Staples, 207.581.3777

Concert and poetry reading opens McGillicuddy Humanities Center symposium Nov. 9 and Nov. 11

02 Nov 2018

A choral concert and poetry reading commemorating World War I will be held Nov. 9 at the University of Maine and Nov. 11 at the Church of Universal Fellowship in Orono. "We Are the Dead: The Legacy of Loss" is the first set of performance events in the UMaine Clement and Linda McGillicuddy Humanities Center's yearlong symposium "War Without End: The Legacies of World War I." The free public performance Nov. 9 begins at 7:30 p.m. in Minsky Recital Hall, followed by a reception in the lobby. The Nov. 11 performance at the Church of Universal Fellowship, 82 Main St., Orono, begins at 7 p.m. A suggested donation is \$10 per person, with no admission fee for students. Euphony, Orono's chamber choir, will perform a program of period music by Ravel, Debussy, Holst and C.H.H. Parry; 21st-century choral settings of poetry written in the wartime context by Wilfred Owen, Siegfried Sassoon and others; and art songs by British composers killed in action. Between the choral pieces, choir and UMaine faculty members will read selected wartime and modern poetry. Francis John Vogt, UMaine Director of Choral Activities, will conduct the performances. The accompanist will be pianist Laura Artesani.

UMaine to honor veterans, unveil Digital Book of Memory during week of events

05 Nov 2018

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 include the unveiling of the Digital Book of Memory at 11 a.m. Nov. 9 in the Coe Room of Memorial Union. The Digital Book of Memory contains portraits and obituaries of UMaine's 261 fallen dating back to the Spanish-American War. It is the culmination of a larger Memorial Room project and was inspired by the original Book of Memory created by the University of Maine Alumni Association in 1946 that honored and memorialized UMaine's fallen from World War II. Prior to the unveiling, guest speakers will talk about the project and the importance of commemorating those lost during military service. Classes, except those that meet once a week, are canceled on Monday, Nov. 12 in observance of the holiday. Other UMaine Veterans Week activities include:

- 3:10 p.m. Wednesday, Nov. 7 — Lecture by retired U.S. Army colonel and military historian Peter Mansoor titled "[The Iraq War and the Rise of ISIS](#)." The event is free and open to the public, and sponsored by the UMaine History Department as part of its 2018–19 symposium series. The lecture in 100 D.P. Corbett Business Building will be followed by a question-and-answer session.
- 11 a.m. Thursday, Nov. 8 — "Knowledge, Innovation and Life Lessons Learned from Veterans," a lecture by Maine Business School professors Nory Jones and John Mahon. The talk on leadership and the "band of brothers" culture will be held in DPC, Room 215.
- Noon Thursday, Nov. 8 — Barbecue at MLK Plaza to celebrate UMaine veterans. Army and Navy ROTC will post the colors to commence the feast. There will be a banner signing to show support of the UMaine student veteran community. Build-your-own stress balls sponsored by Mind Spa will be available.
- 10:30–11:30 a.m. Sunday, Nov. 11 — Ceremony hosted by Old Town VFW. Lunch including smoked brisket and pork, bean-hole beans and salads will be available, with free drinks for veterans.

3:10 p.m. Thursday, Nov. 15 — “The Pine Tree on the Western Front: Maine in World War I,” a talk by Capt. Jonathan Bratten, command historian for the Maine Army National Guard. The talk, which will be held in the Coe Room of Memorial Union, will focus on the role of Maine’s 103rd Infantry Regiment in WWI, following the unit from its formation in Maine to its battles in France and eventual return home to New England.

Following Veterans Week, the UMaine Black Bears Military Appreciation Series will offer free tickets to the football game against Elon University at noon Nov. 17. Military personnel and veterans can call 581.BEAR to reserve complimentary tickets for themselves and immediate family members. For more information or to request a reasonable accommodation, contact Tony Llerena, VETS coordinator and school certifying official for veterans, at 581.1316 or tony.llerena@maine.edu.

Social media spotlight: Alex Bromley

05 Nov 2018

Hometown: Voorhees, New Jersey Alex Bromley, a junior food science and human nutrition major, traveled this past summer to Viterbo, Italy, where she took professor Amy Blackstone’s Sociology of Food course. She engaged in a cross-cultural comparison of social, political, economic and environmental dimensions of food, focusing on contemporary issues, practices and debates in Italy and the United States. “Food has always been a central part of my life, and growing up I had always loved science in school. I love the creative aspect that food and science allow me to utilize and apply to the real world, and I can’t wait to see what I do with it. My experience in Italy was definitely an unforgettable one. I had the privilege of traveling all over the beautiful country, from Florence to Rome to the Amalfi Coast, with amazing new friends that I never would have met had I not taken this opportunity. Every picturesque landscape was incredibly breathtaking, and the food was some of the best I have ever tasted. I’m also on the UMaine swim and dive team, and when I have free time I enjoy photography, baking and exploring what Maine has to offer. I love how much of a community we are at UMaine, and all the hidden opportunities I have found so far. I wanted to be involved in extracurricular activities but was unaware of the extent of clubs, organizations and groups offered here. Last year, I had the privilege of being part of the Sophomore Eagles honor society, and loved every second of it. And I’m very thankful that my department offers several research opportunities for undergraduates. I’ve made some of the most incredible friends here, and the campus has so much character, beauty and school spirit. It has the perfect mixture of academics, athletics and adventure that I was looking for.” See posts featuring Bromley on UMaine’s [Facebook](#), [Twitter](#) and [Instagram](#) pages.

Social media spotlight: Jaelee Vanidestine

05 Nov 2018

Hometown: Orrington, Maine After graduating with a marine science degree from Maine Maritime Academy, Jaelee Vanidestine headed to Alaska, where she collected data for commercial stock assessments for the International Pacific Halibut Commission. Seeking additional knowledge and skills, Vanidestine returned to Maine to earn a Professional Science Master’s (PSM) degree in marine sciences. “I applied to the University of Maine because it has a prestigious School of Marine Sciences and I wanted to work with communities in my home state. I’m working with a group of oyster aquafarmers to help establish bylaws for an aquaculture cooperative in Georgetown, Maine. Last summer, I worked at Harborside General Store in Georgetown, which allowed me to better immerse myself in the community while conducting interviews with stakeholders. The group comes from a variety of backgrounds — including lobstering and clam digging. This opportunity allows them to diversify economically and gives young people a reason to stay in Georgetown. This community is unique in that its residents have come together to help create a more sustainable future through community-based aquaculture and I’m thankful to have the opportunity to work with them. The aquaculture cooperative will provide shared resources for the farmers, including equipment, facilities, lease sites, branding, marketing, distribution and economy of scale. After earning my degree, I hope to work with an NGO or government agency to help solve resource-related issues.” See posts featuring Vanidestine on UMaine’s [Facebook](#) and [Twitter](#) pages.

Writers Paul Doiron, Kristen Lindquist, Monica Wood to appear as part of Framing Maine series

05 Nov 2018



Kristen Lindquist and Paul

[caption id="attachment_64050" align="alignright" width="325"]

Doiron[caption] Maine writers Paul Doiron and Kristen Lindquist will be the featured guests of the third installment of the Framing Maine conversation series at the University of Maine on Nov. 8. "Framing Maine Three: An Eye for Detail," will take place at 7 p.m. in Minsky Recital Hall, Class of 1944 Hall. Doiron and Lindquist, who are married, are both heavily inspired by Maine's wild places. Doiron, former editor of Down East magazine, is best known for his popular series of mystery novels set in Maine, where a game warden named Mike Bowditch solves crimes. The first book in the series, "The Poacher's Son," won the Barry Award and the Strand Critics Award for Best First Novel, and the Maine Literary Award for "Best Fiction of 2010." His second book, "Trespasser," won the Maine Literary Award and was an American Booksellers Association Indie Bestseller. Lindquist is a poet, naturalist, birder and educator, whose writing has appeared in magazines, newspapers, literary journals and anthologies. Her publications include "Invocation to the Birds," "Transportation," and "Tourists in the Known World: New & Selected Poems." Her work has received many awards, including the Bread Loaf Poetry Prize, the Red Fox Poetry Prize and the 2014 Maine Postmark Poetry Contest. During the event, Doiron and Lindquist will read selections from their respective works; discuss their craft; and describe how Maine places, people and wildlife have influenced their writing. Live music inspired by the readings will be provided by violinist Susan Ramsey and cellist Ruth Fogg. Following the reading, Doiron and Lindquist will be interviewed onstage by their friend and author Monica Wood. Wood is the author of several best-selling books, including her memoir of growing up in a Maine mill town, "When We Were the Kennedys," as well as the novels "Any Bitter Thing," "Ernie's Ark," and "The One-in-a-Million Boy," and the play "Papermaker." A reception with the authors will precede the event from 6-7 p.m. at Miller's Café in the Collins Center for the Arts. The event is free and open to the public. Due to limited seating, registration is required. Tickets can be reserved [online](#). "Framing Maine: Conversations with Storytellers and Imagemakers from the Pine Tree State" highlights notable Mainers who tell the state's stories through various media, including literature, art, music, print and digital media, and other forms. It is organized by the Maine Studies Program. The event is supported by Bangor Savings Bank, UMaine Cultural Affairs/Distinguished Lecture Series, UMaine Alumni Association, Clement and Linda McGillicuddy Humanities Center, College of Liberal Arts and Sciences, Maine Folklife Center and the Stephen E. King Chair in Literature. More about Doiron, Lindquist and Wood, as well as Framing Maine is [online](#). For more information or to request a reasonable accommodation, call 581.1840 or email FramingMaine@gmail.com.

Journal Tribune announces York County Master Gardener Volunteer program accepting applications

05 Nov 2018

The [Biddeford Journal Tribune](#) and [Morning Ag Clips](#) announced the University of Maine Cooperative Extension Master Gardener Volunteer training in York County is accepting applications. Training classes will meet Wednesdays Jan. 30 through mid-June in Springvale. Participants will receive training in topics including soils; botany; seed starting; ornamental horticulture; growing herbs, fruits and vegetables; composting; landscaping; pruning; and pest management, the article states. The program fee is \$220; limited financial assistance is available. For more information or to request a reasonable accommodation, contact the UMaine Extension York County office, 800.287.1535 or 324.2814, or visit the [website](#).

Press Herald publishes Moxley's poem on daylight saving time

05 Nov 2018

The [Portland Press Herald](#) published a poem by Jennifer Moxley, a professor of English at the University of Maine. "After Turning the Clocks Back" appeared as part of "Deep Water: Maine Poems," a series edited and introduced by Portland poet Gibson Fay-LeBlanc and produced in collaboration with the Maine Writers & Publishers Alliance.

Madawaska group performs with UMaine marching band, Fiddlehead Focus reports

05 Nov 2018

[Fiddlehead Focus](#) reported members of the Pride of Madawaska Band recently performed for thousands of fans at the University of Maine's Harold Alfond Sports Stadium. Twenty-five students joined the Pride of Maine Black Bear Marching Band for a halftime performance during an Oct. 6 football game. Valley

Unified music teacher Taylor Martin, director of the Pride of Madawaska Band, accompanied the students, according to the report. “We went down to play with that band to gain experience, and to see how band members work together,” Martin said of the field trip to Orono. “The (UMaine) band has a lot of spunk and energy, and they are eager to mentor and encourage younger players. They are a great example of positivity for the students.”

AP reports Gallandt to lead research on weeds, organic agriculture

05 Nov 2018

The Associated Press reported Eric Gallandt, a professor of weed ecology and management at the University of Maine, and Dan Brainard, Michigan State University sustainable vegetable production professor, have received more than \$1.9 million from the U.S. Department of Agriculture to study weed management on organic farms. Gallandt proposes a method of “cultural weed management” focused on depleting the reserve of weed seeds and using cultivation to reduce weed populations over time, the report states. [WABI](#) (Channel 5), [Morning Ag Clips](#) and The News Tribune carried the AP report, and [Wisconsin State Farmer](#) included the report in a roundup.

WVII interviews Dagher, Anderson about 3D printing for boatbuilding

05 Nov 2018

[WVII](#) (Channel 7) spoke with the University of Maine’s Habib Dagher, executive director of the Advanced Structures and Composites Center, and James Anderson, senior research and development program manager at the UMaine Composites Center, about using 3D printing for boatbuilding. The center recently received \$500,000 from the Maine Technology Institute to form a technology cluster to help Maine boatbuilders explore how large-scale 3D printing using economical, wood-filled plastics can provide the industry with a competitive advantage. Anderson said boatbuilders use a lot of parts that need to be created. “I used to work for a boatbuilder in Maine, and we were forever buying tooling and making small parts and I knew the cost of tooling and the lead time was really high,” Anderson said. “And 3D printing just seemed like common sense.” Wood is broken down into a powder that can be mixed with plastics for use in the 3D printer, which lays down layer after layer to create items, WVII reported. “Our goal is to be able to print with 50 percent wood by weight,” Dagher said, adding researchers always are looking for new ways to use wood. “One way to do that is using large-scale 3D printing and that’s why we’re going in that direction,” he said.

Press Herald, AP quote Brewer in reports on voter apathy, ‘dark money’

05 Nov 2018

The [Portland Press Herald](#) spoke with Mark Brewer, a political science professor at the University of Maine, for the article, “When it comes to casting ballots, some Mainers elect not to.” In the last midterm, Maine had the highest turnout of any state, about 58.5 percent of registered voters. Still, there are pockets of disillusion, alienation and, sometimes, apathy, the article states. Brewer said he thinks the current political climate is having an impact. “It can work differently among different types of people,” he said. “People who tend to pay at least a minimal amount of attention, they might be more likely to vote. But if you’re a more tenuous participant, if you don’t always vote, you might be more likely to throw up your hands or tune out. There is a difference between apathy and alienation. Apathy is bad, but alienation is far worse.” Brewer said voting has to become habitual, and that takes time. [Sun Journal](#) published the Press Herald article. Brewer also was quoted in the Associated Press article, “‘Dark money’ helps fuel litany of campaign ads in ... Maine?” Brewer spoke about Maine’s 2nd District congressional seat race between Republican incumbent Bruce Poliquin and Democratic challenger Jared Golden. “A huge amount of money is going into that race. That tells you how close the race is, how important the race is, not just in Maine but nationally,” he said. [The Times Record](#) and Merced Sun-Star of California carried the AP report.

BDN interviews UMaine Coral Club

05 Nov 2018

The [Bangor Daily News](#) interviewed the recently formed University of Maine Coral Club and gave tips for keeping coral as a pet. “They are insanely gorgeous, the colors they produce. Everybody likes a good fish tank, but everyone likes it more when there’s corals in it,” said Megan Dunnock, the club’s president. “The chance to work with them has been fantastic. They’re like plants but better.” The club was established by a group of marine sciences students in 2017, and operates out of UMaine’s Aquaculture Research Center, the BDN reports. Corals, related to anemones and jellyfish, are animals that live in large colonies and make up coral reefs. The individual polyps have a sac-like body and a mouth surrounded by tentacles, differing widely in shape, size and color, the article states. Most corals build limestone skeletons using calcium and carbonate ions from seawater, and have a mutualistic relationship with algae living inside them — the coral provides the compounds for photosynthesis, and the algae provide the products. “The fact that they’re one of the largest producers of oxygen, they can protect our shores, they offer such an intense community for ocean animals, just everything about them I find incredible,” said Dunnock. But coral have experienced several mass die-offs over the past 20 years, linked to rising ocean temperatures that kill the algae and result in coral bleaching. The Coral Club consists of 30 students who meet weekly to discuss coral news, share knowledge and plan fundraising events to support their growing collection of coral. The group plans to continue to expand their collection and use it to educate and raise awareness, the BDN reported. To keep coral as a pet, a tank must be set up with a specific water salinity and temperature, constant water flow, special lighting and trace minerals. The article recommended specific resources for those interested in keeping coral.

Kennebec Journal quotes Pacholski, Artesani in article on school safety, happiness

05 Nov 2018

The [Kennebec Journal](#) quoted University of Maine faculty members Courtney Pacholski, a special education lecturer, and Jim Artesani, associate dean in the College of Education and Human Development, in an article about measures to improve safety and happiness in schools. Palermo Consolidated School and others in the Sheepscot Valley school district, Regional School Unit 12, recently have focused on positive reinforcement techniques instead of punishment to correct student behavior. The schools have implemented a set of guidelines created by researchers at the University of Oregon and focused on the importance of data and the need to instruct students with behavioral disorders on social skills, according to the article. The staff at Palermo Consolidated School makes an effort to provide five times more positive than negative feedback to students as part of a plan to curb poor behavior before it turns into something more

serious and possibly violent, according to the article. “It’s not just a good idea; it’s based on research,” said Pacholski. “The higher that ratio, the higher the feelings of safety. It’s not about phony instances of praise, but talking about, ‘You’re acting in line with what we value here.’ That’s an important way for us to build a community of safety and respect.” Staff members try to frame corrections in a positive way and when students do misbehave, data for the incidents are carefully recorded. At Palermo, the methods seem to be working — the number of students referred to the office more than once per year dropped from 40 to 20 percent last year, the KJ reported. UMaine’s College of Education and Human Development received a \$246,000 grant to help districts implement the guidelines, the article states. “There is closer attention to students who are exhibiting various types of need, and the likelihood of a student not having their needs addressed is reduced,” Artesani said. “In some school shootings, people say, ‘We had no idea this person would do this,’ but there’s a long distance between seeing someone who is displaying some things you’d be concerned about, and then jumping to, ‘This person would bring guns to school and shoot people.’ There needs to be a way to address the needs of kids long before it gets to that.” The [Sun Journal](#) published the KJ article.

AP, BDN report on research to help farmers get climate adaptation resources

05 Nov 2018

The Associated Press and [Bangor Daily News](#) reported researchers in New England are working on a project to develop tools for small- and mid-sized farms in the region to address productivity problems related to climate change. The U.S. Department of Agriculture awarded nearly \$500,000 over three years to the University of Vermont for the project, and more than \$200,000 will go to University of Maine researchers. UMaine officials said the project will seek to help farmers with issues that have a link to a changing climate, such as changes in the growing season, drought risks and new pests, the AP reported. UMaine’s research team will focus on the importance of developing climate adaptation tools, according to the AP. [WABI](#) (Channel 5), [The Times Record](#), [WGAN](#) in Portland and WRAL in North Carolina carried the AP report. Maine Public published the BDN report and [Morning Ag Clips](#) posted a UMaine news release on the project.

WABI covers 31st annual Culturefest

05 Nov 2018

[WABI](#) (Channel 5) reported on the 31st annual Culturefest at the University of Maine. The UMaine Office of International Programs and International Student Association hosted the daylong event that featured international cultural exhibits, food, children’s activities, a style show and performances. Roughly 60 countries were represented with more than 100 participants. About 1,500 people attended the event, WABI reported. “It’s just a matter of bringing the community together and just informing people that there are a lot of people from different backgrounds living here,” UMaine student and Culturefest participant Suraj Sangroula said. “We are like an example of a good, healthy community neighborhood in America.”

Press Herald reports on Early College program’s efforts to boost workforce

05 Nov 2018

The [Portland Press Herald](#) reported on the University of Maine System’s Early College program and interviewed Brewer High School student Zoe Vittum, who is taking courses at UMaine through the program. The program allows eligible high school students to take college courses online, at their high school or at a nearby college campus, allowing students to get a taste for college and career fields and earn credit, according to the Press Herald. With the goal of encouraging more students to attend college and fill gaps in Maine’s workforce, the program supports workforce development by easing the transition from high school to college to career, the article states. Recent program updates include a component specifically for rural students, online tutoring, and improved coordination among participating high schools. Vittum told the Press Herald she’s taking pre-calculus and English 101 this semester, and plans to enroll in the biomedical engineering program at UMaine following her high school graduation. After that she plans to pursue a research career in a lab or engineering firm. “I have a decent background in mechanical engineering just from the robotics teams that I’ve been a part of and working at the Advanced Manufacturing Center on (the Orono) campus. I’d like to expand my knowledge into biomedical engineering to focus on expanding what you can do with mechanical engineering into things like maybe prosthetics or biomachines,” Vittum said. “I wanted to take on a fairly ambitious workload in terms of the degree that I want to pursue in college, and the Early College program is allowing me to get a good amount of my prerequisites and (general education) done before I actually enter college to make more room in the four years that I’ll be there to do more with academics.” [Mainebiz](#) and The Associated Press, citing the Press Herald story, also reported on the program. [U.S. News & World Report](#) carried the AP article.

Grace Pouliot: Honors student in elementary education helps caregivers in Sierra Leone

06 Nov 2018

When she was in high school, Grace Pouliot decided that she wanted to be a University of Maine Black Bear. “I knew the university because my sister had come here. It had the program that I wanted and it was a really comfortable size for me,” Pouliot says. So while her classmates were filling out applications to multiple colleges, Pouliot only applied to UMaine. Fast forward four years, and Pouliot is now a senior majoring in elementary education, getting ready for her student teaching placement and working on her Honors College thesis. “UMaine has such an incredibly supportive atmosphere. We have some truly wonderful professors here who are so welcoming and so helpful, and so eager to help students,” she says. A little over two years ago, Pouliot was introduced to the Servant Heart Research Collaborative, a project started by UMaine alumni [Allen ’73 and Patty Morrell ’73](#), working with the Child Rescue Centre in the West African country of Sierra Leone. Pouliot wrote a series of training modules to help caregivers in their work with children who have experienced trauma. Sierra Leone has had its share of hardships — civil war, Ebola, devastating flooding. The training modules are based on attachment theory. “It’s the idea that the relationship we have with our caregivers when we’re birth to 2 years old really has a huge impact on the rest of our lives in terms of how we continue to create relationships,” Pouliot says. “In a way, the relationships we have with our caregivers become the working model for the rest of our life,” she says. For her honors thesis, Pouliot is doing a content analysis of the training modules she created for the Child Rescue Centre, focusing on the educational objectives, and discussing the goals and outcomes. After she graduates in May, Pouliot hopes to start out as a middle school math teacher, before eventually earning a master’s degree to become a guidance counselor. “My classes at UMaine have made me much more confident in my abilities,” Pouliot says. “I’m not the same person I was when I came to the university, just in terms of professional skills, maturity, self-confidence and independence.”

Hometown: South Berwick, Maine **Major:** Elementary education (concentrations in mathematics and English language learning) **Year in School:** Senior **Describe your honors thesis:** It’s a project that I was introduced to through the Honors College and it was a pair of donors, Allen and Patty Morrell, who wanted to set up a collaboration with the University of Maine Honors College and the Child Rescue Centre in Sierra Leone. For the past two years, I’ve been

writing training modules based on attachment theory for caregivers in Sierra Leone, who work with children who have experienced trauma. My research project is looking at the modules we've created, looking at the educational objectives that we've written for each of the modules, and doing content analysis. So, looking at what critical thinking skills are the caregivers applying in these modules, and are the goals and outcomes different for, say, module one than for module six. **What is attachment theory?** It's the idea that if a child has secure attachment with a caregiver, the child will feel comfortable, safe and confident enough to explore the world. So if you think about a little infant in a room with a mother, if the infant feels comfortable and securely attached with the mother, the child will crawl around, explore, play. And if anything were to happen to the child — if it were to bump a knee or something scary were to happen — it would immediately return to the mother and it would be comforted and calmed. There's some really positive correlations between secure attachment as a child and attributes later in life like lower stress, more positive workplace relationships, more confidence and higher self-efficacy. **Describe the training modules that you created:** We created a series of six training modules for caregivers. It starts off with an introduction to attachment theory, then it builds. We have topics like childhood resiliency and temperament. Finally, our sixth module is on caregiver self-care. It's a training session, so it's designed to have a group of caregivers in Sierra Leone come together and be led by the Child Rescue Centre staff. It has some lecture components. It has some workshop components, such as role-playing. And each module is supposed to be about an hour. **Who are these caregivers?** It's a mixture of parents and other caregivers. At the child rescue center they have "aunties," and it would be kind of a foster home set up where the aunties were taking care of the children. Since then, some of the politics in Sierra Leone have changed, and they've been moving away from a foster care model with aunties to a forever-home model, where the children are put into a home with relatives or neighbors, instead of living with professional staff. They live in the forever home, but they still have a caseworker, so there's still professional staff to watch over them. **Are the children all orphans?** Some are orphans, but for some, living with their parents is not an option. **You mentioned the politics of Sierra Leone. What can you tell us about the country and its history?** Sierra Leone has had a pretty sad and tough history. It's usually one of the poorest nations in the world. Starting in the early 1990s, they had a terrible civil war that lasted 15 years. Lots of families were displaced and the whole population of the country was scattered. A lot of the parents we're working with experienced trauma from the civil war and they're now trying to raise their own children. More recently, in 2014, Sierra Leone was hit by the Ebola crisis pretty heavily. Then in 2017, the country experienced three days of heavy rainfall that led to massive flooding and mudslides in the capital of Freetown. There's a lot of cards stacked against the families we're working with. A lot of the parents are illiterate. Their children might not be, but the parents are. **Have you been to Sierra Leone?** I have not. There's only one airport in the country, so travel is kind of difficult. Also, with the Ebola crisis and flooding, the timing hasn't been right. But I don't think I can go the rest of my life and not visit. **Why UMaine?** UMaine was the only school I applied to, and I applied early decision. As soon as I could get my application together and as soon as applications were open, I applied. When I first walked on campus, I said: "This is a place that feels like home." **Have you worked closely with a mentor, professor or role model who has made your UMaine experience better?** Julie DellaMattera, who is my honors thesis adviser. She was also an adviser to the Servant Heart Research Collaboration. She's been wonderful. Every week she puts aside time for me to meet with her. Everyone who works in the College of Education and Human Development Advising Center has been so supportive as well. My freshman year I was here every week, getting help signing up for classes or just asking how to get involved in different activities and projects on campus. **Describe UMaine in one word:** Home. **What is your most memorable UMaine moment?** Honestly, passing teacher candidacy. I felt like I had done everything I could to prepare for it. I'd taken the PRAXIS, and I'd put together my portfolio. So, it was a big moment where I felt like I was putting myself on the line and saying, "I want to be an educator!" So I was so incredibly happy when I got that email saying that I had passed. **What do you hope to do after graduation and how has UMaine helped you reach those goals?** As an elementary education major, I'll be certified to teach K–8. I'm hoping to teach mathematics at the middle school level. Down the road, I want to go back to school and get my master's in educational counseling and become a guidance counselor. **Have you done any internships related to your major, and how have your UMaine classes helped prepare you for those experiences?** Last fall, I interned in the academic counseling office at Maine Central Institute in Pittsfield. I'd been saying I wanted to be a guidance counselor for a while, and I had the opportunity to work in that office with Emily Wagner and it was fantastic. Even though MCI is a high school, and I eventually want to work in a middle school setting, it really solidified that this is what I want to do, that this is my dream job. I'd taken a class early for my major where we used the TeachLivE simulator. Just having that opportunity to practice interactions with students in a way that's safe, and you're not going to embarrass yourself, or say something totally off-base, it made me feel so much more confident going into a school and working with kids. **What's the most interesting, engaging or helpful class you've taken at UMaine?** EHD 100, the 1-credit introduction seminar to the College of Education and Human Development. Just in terms of being helpful, that was awesome, learning how to sign up for classes, how to get around campus. I really loved that there was a community service aspect to that class as well. It just felt like such a nice little introduction to UMaine and how to be successful here. **Have you gained any hands-on or real-world experience through your coursework?** My first semester I was in the infant-toddler room, which was really awesome, but it did teach me that I don't want to work with infants and toddlers. I said, "Elementary education is for me, not early childhood." For teacher candidacy, I did my 30-hour placement at a school in Rollinsford, New Hampshire with fifth and sixth graders. Then in ERL 319, my language arts methods class, I was in a kindergarten class. Right now, I'm in EHD 400, teaching seventh and eighth grade science. Next semester I do my student teaching. **What difference has UMaine made in your life?** UMaine has really instilled in me a sense of connectedness and pride in my state. There's not a day I walk across this campus without someone saying hi to me or asking how I'm doing. And it's really instilled in me a great sense of community and the importance of having those personal connections. Contact: Casey Kelly, 581.3751

Social media spotlight: Colin Eimers

06 Nov 2018

Hometown: Durham, North Carolina Soon after biology major Colin Eimers graduated from Bates College, he began earning his Professional Science Master's (PSM) degree in marine sciences at UMaine. He's researched and documented optimal ocean conditions for young oysters for the Georgetown Aquaculture collaborative of Georgetown, Maine. Eimers appreciates the practicality of the marine diversification project and is gratified his findings can be a roadmap for other coastal communities. "I started fishing in Topsail, North Carolina when I was 4. I loved it. There was always something new to see or experience. As I got older, I became more aware each year of the yield difference. I became interested in what was going on and how both recreational and commercial fishermen should adjust. I'm interested in policy, the entrepreneurial economics of fishing and building relationships between academia and the marine industry. This collaborative went from conception to reality in a matter of months. I examined how different environmental conditions — like temperature, water flow and nutrient availability — affect oyster growth rates in the early stages. I'm making an overlay map with data at various locations (in the cove). The goal is to eliminate the super dependency on lobster fishing and keep the overall health of the community up. Local people are buying in and running with this. They have ownership of the project and my purpose is to be an advocate for them." See posts featuring Eimers on UMaine's [Facebook](#) and [Twitter](#) pages.

'Grants, Contracts, and the National Institutes of Health' workshop Nov. 8

06 Nov 2018

The University of Maine Office of Research Development will present “Grants, Contracts, and the National Institutes of Health (NIH)” on Nov. 8. The workshop, which will be held at 2:30 p.m. in the Bangor Room of the Memorial Union, will include a presentation by Terry Yoo, an associate professor in the UMaine School of Computing and Information Science. In his talk, Yoo will cover some perspectives on federal grantsmanship as well as a view of the inside of NIH, and an individual vision for research. As a long-standing project officer at NIH, his views will include explaining the public information about that agency. Attendees will have the opportunity to learn basic tactics for writing grant proposals, what makes a promising line of research by combining technology and biomedicine, the organization structure and policies of NIH and how it compares to other federal agencies, and strategies for approaching the federal grant application process. Yoo has a part-time appointment with the Office of Research Development. Prior to joining the UMaine faculty, he was a 20-year member of the intramural research program at the NIH where he served as the head of the 3D Informatics Group in the Office of High Performance Computing and Communications at the National Library of Medicine. More about Yoo and the workshop is [online](#). The workshop is free and open to the public. For more information about the event, contact Jason Charland at 581.2461 or jason.charland@maine.edu.

Equity, Access and Inclusion: A World Usability Day Event Nov. 8

06 Nov 2018

The University of Maine will host “Equity, Access and Inclusion: A World Usability Day Event” 9 a.m.–4:30 p.m. Nov. 8. World Usability Day, established in 2005, is a day that brings together communities of professional, industrial, educational, citizen and government groups to promote the values of usability, accessibility and universal design to ensure that services and products important to life are easier to access and simpler to use. The UMaine event is a conference designed to provide the opportunity for the campus and surrounding community to come together to help promote the core values of equity, access and inclusion. Presentations and workshops will be held throughout the day, with most sessions taking place in the Memorial Union. Featured events include welcoming remarks by Vice President for Student Life and Dean of Students Robert Dana; keynote speaker Kelly Nye-Lengerman, who will discuss “Tapping into Potential with Expectations: Making Employment and Post-Secondary Education the New Norm for Individuals with Disabilities”; the 70,273 Project commemorating individuals with disabilities who were murdered during World War II; and tours of the Virtual Environment and Multimodal Interaction (VEMI) Laboratory. There is no cost to attend this conference, but registration is highly recommended; space is limited for the tour of the VEMI Laboratory with simulation experience. Individuals who need accommodations can make requests through the [registration form](#). UMaine Student Accessibility Services, part of the Division of Student Life, is hosting the conference with support from the Alton ’38 and Adelaide Hamm Campus Activity Fund, and in collaboration with the UMaine Center for Community Inclusion and Disability Studies, UMaine Center for Innovation in Teaching and Learning, and the VEMI Laboratory. It is supported in part by a grant from the Cultural Affairs/Distinguished Lecture Series Fund. More about the event is [online](#). For more information, contact Sara Henry at 581.2319, shenry@maine.edu.

Farm Forum, AG Week publish UMaine Extension squash soup recipe

06 Nov 2018

[The Farm Forum](#) and [AG Week](#) published a University of Maine Cooperative Extension recipe for Butternut Squash Bisque in an article about different types of squash. A bisque is a rich, creamy soup typically made with shellfish; however, the UMaine Extension recipe calls for a variety of vegetables and some apple for sweetness, according to the article.

Hutchinson Center to offer restorative practices program, Penobscot Bay Pilot reports

06 Nov 2018

[Penobscot Bay Pilot](#) reported the University of Maine Hutchinson Center in Belfast will offer a six-session program on restorative practices beginning Nov. 30 and Dec. 1. Participants from a variety of fields, including primary, secondary and post-secondary education; social work and family services; corrections, criminal justice and policing; nonprofit organizations; health care; and community development, will benefit from the program, according to the article. The restorative approach emphasizes the importance of creating a positive, healthy school climate based on empathy, trust and respect, the article states. More information is available by contacting Diana McSorley at 338.8093 or diana.mcsorley@maine.edu. Registration is [online](#).

AP, BDN preview Cattlemen’s College offered by UMaine Extension

06 Nov 2018

The Associated Press and [Bangor Daily News](#) advanced the second annual Cattlemen’s College, a collaboration between the University of Maine Cooperative Extension and the Maine Beef Producers Association. Low-stress stockmanship will be a hot topic at the event slated for Nov. 30 and Dec. 1, in Charleston and Orono, according to the articles. “We can move cattle just with the way we position ourselves around that animal, in how we approach their personal space,” said Colt Knight, state livestock specialist with UMaine Extension. In its first year, the Cattlemen’s College drew about 45 beef producers from throughout the state interested in keeping beef animals to share knowledge, innovations and ideas, according to the BDN. “It was very well received and well attended last year, so we’re expanding the event this year to include a live demonstration,” Knight said. The live demonstration on low-stress stockmanship will be from 2 to 4 p.m. Nov. 30, at Maple Lane Farms in Charleston. It will be led by this year’s keynote speaker, Dean Fish, a certified trainer for the National Cattlemen’s Beef Association. “What I hope people will gather from the demonstration is how to move cattle around using the instincts of the cattle and not forcing them where you want them to by swinging sticks at them or yelling at them,” Knight said. Maine Public and [U.S. News & World Report](#) carried the AP article.

Student’s virtual reality program featured on News Center Maine

06 Nov 2018

[News Center Maine](#) reported on a program designed by a University of Maine student that shows how muscles are firing in real time. Kinotech uses existing virtual reality devices to identify movement and then shows the user which specific muscles are being used during that movement, according to the report. The purpose is to identify the areas of potential and in some cases identify possible injury-prone areas. UMaine senior Justin Hafner and his partners worked together to combine his knowledge of kinesiology with technology, News Center Maine reported. “It’s doing cool things that matter,” Hafner said. “This is

something that's really cool. I can make a huge difference in multiple fields." The program has gained the attention of the Department of Defense, according to Hafner, who said he is waiting for official funding to further develop the program to help the department identify the potential for injury among troops. "I wouldn't be here if it wasn't for the education I received here [at UMaine]. I want other students to have this opportunity," he said.

BDN interviews Lilley for article on root cellars, storing produce

06 Nov 2018

The [Bangor Daily News](#) spoke with Jason Lilley, a sustainable agricultural professional with University of Maine Cooperative Extension, for the article, "Root cellars among the oldest, most reliable ways to store produce." Among the oldest storage methods to keep food safely stored over winter is the root cellar, an underground room that acts like a natural refrigerator maintaining temperatures in the mid-30 degrees Fahrenheit during the winter and mid-50s in the summer, according to the article. "I would say that most people think of a root cellar as a thing you need to dig out or that has to be an external building dug into the side of a hill," Lilley said. "That is really not the case for most crops." Root cellar-type storage can be as elaborate as a separate, subterranean structure or as simple as a collection of rubber totes filled with peat moss, according to Lilley, who offered advice on how to create and maintain a root cellar. "Monitoring [the storage] is a huge component," Lilley said. "You should check them every week and feel around to check for any spoiling produce. It is true, one bad apple can spoil a whole crop." The article also cited a UMaine Extension [bulletin](#) that offers the recommended temperature and humidity storage conditions for just about every fruit or vegetable that grows in the state.

Thomas quoted in The American Prospect article on puffins, climate change

06 Nov 2018

Andrew Thomas, a professor of oceanography at the University of Maine, was quoted in [The American Prospect](#) article, "Puffins: Harbingers of climate change." The diversity of water in the Gulf of Maine has allowed for a range of birds at the southern end of their North American breeding limits, like puffins and Arctic terns, and birds at the northern end of their nesting range, such as species of herons, ibises and oystercatchers, according to the article. But climate change is warming the Gulf of Maine faster than 99 percent of the world's oceans, the article states. The duration of summer-like sea surface temperatures in the Gulf of Maine is extending by about two days every year, Thomas explained. Today, the duration of summer temperatures is two months longer than it was 35 years ago. "It is a head-scratching number," Thomas said. "It's a perfect storm of perfect impacts. When I first saw the numbers, I couldn't believe it. I did the calculation three more times. I got the same numbers no matter how I plotted it. This is something I never expected."

News Center Maine interviews Allan, Sidelko, students about hazing prevention

06 Nov 2018

[News Center Maine](#) spoke with Elizabeth Allan, a professor of higher education leadership at the University of Maine, about her research on hazing. Allan, who has been collecting data on hazing for about 10 years, recently published a hazing prevention framework for campuses across the country to use, according to the report. "It is very complex, it's human behavior," Allan said of hazing. "Not to necessarily abuse others but to want to belong to a club or organization or team." Lauri Sidelko, director of the Student Wellness Resource Center, worked with Allan on the prevention framework research. Sidelko said hazing can take many forms such as "completing a task or cleaning someone's house or yelling at someone or being verbally abusive." UMaine has a zero-tolerance policy regarding hazing and students on campus say that although they weren't hazed, they know what it entails, News Center Maine reported. "It really boils down to are you making somebody uncomfortable?" said Stephanie Poirier, who is a member of the Delta Delta Delta sorority. "Are you putting them in a situation they don't want to be in?"

UMaine's School of Performing Arts presents 'The Curious Savage'

07 Nov 2018

the Curious Savage

directed by Julie Arnold Lisnet a play by John Patrick

Sponsored in part by a grant from the Cultural Affairs/Distinguished Lectures Series fund.

Hauck Auditorium

Friday, Nov. 9 • 7:30 pm
Saturday, Nov. 10 • 7:30 pm
Sunday, Nov. 11 • 2 pm
Thursday, Nov. 15 • 10 am
Friday, Nov. 16 • 7:30 pm
Saturday, Nov. 17 • 7:30 pm
Sunday, Nov. 18 • 2 pm



Tickets are \$10
or FREE with a student MaineCard
umaine.edu/spa/tickets

If you need a reasonable accommodation, please contact Birdie Sawyer at 207.581.2584 or e-mail birdie.sawyer@umaine.edu a week before the event. If requests are received after this date, we may not have sufficient time to make necessary arrangements.

The University of Maine is an equal opportunity/affirmative action institution.

SPA
FALL 2018 EVENTS
MUSIC • THEATRE • DANCE

John Patrick's classic play "The Curious Savage" is the latest offering from the University of Maine School of Performing Arts, opening Friday, Nov. 9 at Hauck Auditorium. The production runs for seven performances: 7:30 p.m. Nov. 9–10 and Nov. 16–17; 2 p.m. Nov. 11 and 18; and 10 a.m. Nov. 15. Tickets are \$10 and are available [online](#) or by calling 581.1755; admission is free for students with a valid MaineCard. "I love how ageless the play is," says director Julie Arnold Lisnet, instructor of theatre at UMaine and founding member of Ten Bucks Theatre Company in Bangor. The play contains a universal message that all people "share the innate desire to be loved, respected and honored for being worthwhile," she says. "Given all the division in our current political and societal climate, I think the message of 'The Curious Savage' is more important and pertinent than ever." Scenic designer and UMaine alumna Katie Keaton believes audiences will find inspiration in the play. "I love the humor and beauty of the play," she says. "And it all leads to a great reveal at the end that showcases the humanity of the characters, and the play." For more information, contact Alan Berry, richard.berry@umaine.edu. To request a reasonable accommodation, contact Birdie Sawyer, 581.2584.

Wahle quoted in Bloomberg article on lobsters, trade war

07 Nov 2018

Richard Wahle, a professor of marine sciences and director of the Lobster Institute at the University of Maine, was quoted in a [Bloomberg](#) article about the lobster industry and the trade wars affecting it, and factors contributing to lobster population decline. Wahle's American Lobster Settlement Index has revealed a noticeable drop in the population of lobsters between Rhode Island and Newfoundland in recent years, according to the article. This is a result of rising ocean temperatures, according to Wahle, who said the changes both attract new predators and reduce the population of copepods, a staple in the diet of larval lobsters. Wahle said warmer temperatures could also have led to a population collapse of tiny fatty phytoplankton that the copepods consume.

EurekAlert, ScienceDaily publish UMaine release on Roy's dam research

07 Nov 2018

[EurekAlert](#) and [ScienceDaily](#) published a University of Maine news release about research led by Sam Roy, a postdoctoral researcher at the Senator George J. Mitchell Center for Sustainability Solutions, on decisions about whether to build, remove or modify dams, and how, where and when it could be possible to strike a more efficient balance between trade-offs affecting these decisions. In the United States, a growing movement is pushing to restore rivers by removing dams that are obsolete, pose safety risks or have negative impacts on ecosystems, the release states. But trade-offs and conflicting stakeholder preferences can complicate the decision-making process — for example, conservation groups and resource agencies wanting to remove dams to restore a fish population conflicting with other stakeholders who prioritize services provided by the dam, like water supply and hydroelectricity, according to the release. "This is exactly the kind of problem where you need an interdisciplinary team with the right mix of expertise to help quantify trade-offs and identify promising solutions from multiple perspectives," said Roy. The researchers created a database to serve as a model system for identifying efficient outcomes of decision-making related to dams that account for various trade-offs, and discerned potential dam decisions that maximize ecological and economic benefits. Other researchers on the team are from University of New Hampshire, University of Rhode Island and Rhode Island School of Design, and the team collaborated with diverse stakeholders, according to the release. The resulting journal article, "A multiscale approach to balance trade-offs among dam infrastructure, river restoration, and cost," was published in Proceedings of the National Academy of Sciences.

Mount Desert Islander interviews Beal about weather, clam decline

07 Nov 2018

The [Mount Desert Islander](#) spoke with Brian Beal, a professor of marine ecology at the University of Maine at Machias and director of research at the Downeast Institute, for the article “Weather, not overfishing to blame for clam decline.” A recent study out of NOAA’s Northeast Fisheries Science Center and the Maryland Department of Natural Resources has shown that documented landings of the four most commercially important inshore bivalve mollusks in the Northeast — including soft-shell clams — dropped by 85 percent between 1980 and 2010, the article states. The researchers attributed this decline to warming ocean temperatures, contradicting claims by some Maine shellfish harvesters that overharvesting is responsible. “My first response is that the article confirms what I have been seeing with soft-shell clams over at least the last decade or so,” said Beal, who said the real issue is an increased abundance of tiny predators — mainly juvenile green crabs — that thrive in warmer water and prey on juvenile shellfish. “The clam industry is fighting an uphill battle against a foe that is microscopic, and there’s no way that removing a few hundred thousand pounds of crabs by fishing them is going to make any dent in their predatory activities, because the focus of any fishery is on the adults when the bulk of predation is occurring at the level that is smaller than the size of your thumbnail,” he said. Beal also noted changes in the market have aligned with the decline in landings. “What has also happened is that demand for soft-shell clams is not what it used to be because people have ‘moved on’ to other shellfish that have more consistent production either because they are cultured and/or are being imported,” said Beal.

Gardner receives SWST Distinguished Educator Award

08 Nov 2018

Douglas Gardner, professor of forest operations, bioproducts, and bioenergy, has received the Distinguished Educator Award from the Society of Wood Science and Technology (SWST). The award recognizes faculty members and instructors at a university for sustainable performance of excellence in teaching, or to recognize faculty, staff, or industry personnel for outstanding extension, engagement, and economic development activities in wood or related fields. He received the award at the annual SWST International Conference in Nagoya, Japan, Nov. 5–8, 2018. More information about Gardner's honor is [online](#).

Second annual Maine Sheep Conference Nov. 10

08 Nov 2018

The second annual Maine Sheep Conference and Maine Sheep Breeders Association meeting will be held 9 a.m.–2:30 p.m. Nov. 10 at the University of Maine Cooperative Extension Penobscot County office in Bangor. Conference topics include nutrition management, wintering sheep practices, wool buyers’ preferences, and an update from Anne Lichtenwalner, UMaine Extension Veterinary Diagnostic Laboratory director. Additional presenters include Colt Knight, Extension livestock specialist; Cindy Kilgore, Maine Department of Agriculture, Conservation and Forestry livestock specialist; and wool buyers from Bartlettyarns, Inc., in Harmony, Maine. The \$25 fee, \$35 for nonmembers, includes a smoked leg of lamb lunch. Registration is online. For more information or to request a reasonable accommodation, contact Melissa Babcock, 581.2788; melissa.libby1@maine.edu. More information is online.

Sherry to discuss WWI literature as part of McGillicuddy Humanities Center symposium

08 Nov 2018

The Clement and Linda McGillicuddy Humanities Center at the University of Maine will welcome Vincent Sherry, a leading scholar of modernism and the literature of World War I, to campus Nov. 15 and 16. Sherry will deliver a lecture on “Modernism in Wartime: Avant-Gardes, Revolutions, Poetries” at 3 p.m. Nov. 16 in Hill Auditorium, Barrows Hall. In addition to his talk, Sherry will visit classes and hold a colloquium on modernism and its aftermath at 12:30 p.m. Nov. 15 in the UMaine Writing Center, Neville Hall, Room 402. Faculty, graduate students and undergraduates are welcome. Sherry is the Howard Nemerov Professor in the Humanities and Chair of the Department of English at Washington University in St. Louis. He is an expert in the literature and history of World War I, especially modern British and Irish literature. As author and editor, he has published many books, including “Modernism and the Reinvention of Decadence,” “Cambridge History of Modernism,” “The Great War and the Language of Modernism,” and the upcoming “A Literary History of the European War of 1914–1918.” Sherry’s visit to UMaine coincides almost exactly with the 100th anniversary of the Armistice formally ending the hostilities of the first global war. His visit is one in a series of events comprising the McGillicuddy Humanities Center’s 2018–2019 humanities symposium, titled “War Without End: The Legacies of World War I.” The symposium features lectures, panels and cultural events to explore the rich and complicated inheritance of the war. The center will continue to host speakers and events on the lasting impact of WWI through the spring 2019 semester. All events are free and open to the public. UMaine’s Center for Poetry and Poetics contributed support for Sherry’s visit. For more information or to request a reasonable accommodation, email Zachary Rockwell Ludington, zachary.r.ludington@maine.edu or Laura Cowan, laura.cowan@maine.edu.

WVII interviews Pendse about waste-to-fuel facility for ‘Trash to Treasure’ series

08 Nov 2018

Hemant Pendse, director of the University of Maine’s Forest Bioproducts Research Institute, spoke with [WVII](#) (Channel 7) for reports in its “Trash to Treasure” series. In a story on worldwide recycling changes, Pendse spoke about the benefits of recycling through Fiberight’s Coastal Resources of Maine facility in Hampden, which is counting on food waste to make one of three different biofuels. “There is no sorting involved ahead of time because they are the ones doing all the sorting,” said Pendse, who was tasked in 2015 with conducting an independent technical study of the plant. According to another [report](#) in the series, the facility combines a recycling plant and three different fuel processors — one that makes biogas, one for clean organic cellulose pulp, and a third for fuel bricks that one day may make heating fuel. In that report, Pendse spoke about the many potential uses for cellulose pulp. “They also have an intermediate step where they create what they call clean organics, which is like pulp — not to make paper — but to do something else,” Pendse said. “I think that is an important resource that is going to add value.”

AP quotes Brewer in article on ranked-choice voting in 2nd District race

08 Nov 2018

Mark Brewer, a political science professor at the University of Maine, was quoted in an Associated Press article about how Maine’s new ranked-choice voting

method will determine the winner in the 2nd Congressional District race between Republican U.S. Rep. Bruce Poliquin and Democrat Jared Golden. Neither candidate in the most expensive race in state history collected a majority of first-place votes under Maine's new ranked-choice voting method, which was used for the first time in U.S. House and Senate races, according to the report. The goal of the system is to ensure that the winning candidate has broad support by letting voters rank all of the candidates on the ballot. If a candidate is eliminated, then a voter's second choice could come into play, the article states. There are legitimate concerns if the system will pass legal muster because of the one person, one vote principle, according to Brewer. He said he heard reports that voters were confused by having separate ranked-choice ballots for federal elections and traditional ballots for state races. "We're asking voters to vote under two different systems in the same election. It's confusing to a lot of people," he said. [U.S. News & World Report](#), [Boston.com](#) and [News Center Maine](#) carried the AP report.

Research focuses on New England dam problems and win-win solutions

08 Nov 2018

Decisions about whether to build, remove or modify dams involve complex trade-offs that are often accompanied by social and political conflict. A group of researchers from the natural and social sciences, engineering, arts and humanities has joined forces to show how, where and when it may be possible to achieve a more efficient balance among these trade-offs. Their work is featured in a paper published in the Proceedings of the National Academy of Sciences (PNAS). **What's the dam problem?** In some parts of the world, there are proposals to build thousands of massive new dams for hydroelectricity, flood control and irrigation. In other regions, such as the U.S., there is a growing movement to restore rivers by removing dams that are obsolete, pose safety risks or have large negative impacts on ecosystems. In both instances, difficult trade-offs and divergent stakeholder preferences can greatly complicate decision-making processes. For example, conservation groups and resource agencies seeking to restore sea-run fish often favor the removal of dams that prevent these species from reaching their spawning grounds. But other stakeholders may value the diverse services that dams can provide, including water supply, hydroelectricity and reservoir-related recreation. "This is exactly the kind of problem where you need an interdisciplinary team with the right mix of expertise to help quantify trade-offs and identify promising solutions from multiple perspectives," says Sam Roy, lead author from the University of Maine.

Maximizing economic and ecological benefits The research team collected a database of over 7,500 dams in New England as a "model system" to search for decisions that provide efficient outcomes for multiple criteria valued by stakeholders. These criteria include habitat availability for migratory fishes, hydroelectric power production, water storage, drinking water supply, water quality, recreational use, dam breach risks, waterfront property impacts and decision costs. Using an economic concept known as the production possibility frontier, combined with a scenario-ranking technique, the researchers identified potential dam decisions that maximize the combined ecological and economic benefits, for individual watersheds as well as the entire New England region. Given the large size of the database (the largest of its kind in the world), together with the enormous number of potential solutions, a machine-learning approach was used to simulate the many trade-offs and find solutions that maximized total benefits. The team's approach can be used to identify many different kinds of decisions that result in efficient outcomes given resource and technological constraints, including ones that remove or modify specific dams to produce the greatest increase in fish habitat for a small reduction in hydropower, or the greatest improvement in dam breach safety for a small reduction in drinking water supply. "We also find that it is possible to improve the trade-offs between certain criteria by coordinating multiple dam decisions at larger spatial scales," says Roy. "This means that there are many opportunities to find win-win solutions that can simultaneously improve dam infrastructure, freshwater ecosystems and decision costs by selectively removing, modifying or even constructing specific dams in a river basin." **Interdisciplinary research that connects the dots** Roy, a postdoctoral fellow at UMaine's [Senator George J. Mitchell Center for Sustainability Solutions](#), worked with colleagues from the University of New Hampshire, the University of Rhode Island and the Rhode Island School of Design. "One of the strengths of our interdisciplinary approach is that we can examine many different trade-offs using an integrated, quantitative framework," says co-author Emi Uchida, an environmental economist at the University of Rhode Island. The team also collaborates with diverse stakeholders (e.g., tribal communities, government agencies, conservation organizations) to strengthen the scientific basis of decision-making. The authors cite the multi-stakeholder Penobscot River Restoration Project as a highly successful example where coordinating dam removal and alteration through broad stakeholder engagement dramatically reduced conflict, efficiently allocated resources, and aligned with pre-existing constraints of dam ownership and regulation. "Our model can help identify specific decisions that gain the support of a broader stakeholder audience by providing desirable infrastructure and ecosystem trade-offs," Roy says. "This may encourage funders and practitioners to make these decisions a reality. Based on our research, there may be many more future decisions that repeat the success of the Penobscot River Restoration Project." Support for the Future of Dams Project is provided by the National Science Foundation's Research Infrastructure Improvement award 1539071. Contact: Samuel Roy, 207.581.3286; samuel.g.roy@maine.edu

Social media spotlight: Zachary Fisher

08 Nov 2018

Hometown: Sabattus, Maine Zachary Fisher, a senior music education and vocal performance double degree student, works at the Collins Center for the Arts. Last summer, he was the Marville Young Artist Fellow for the Blue Hill Bach Summer Festival. And, the soloist won the Rossini Club Scholarship Competition in Portland. "For me, music is a shared experience of emotional expression. My particular interest is in choral music. The concept of a choir has always been so powerful to me. I never get tired of the idea that our daily communication tool can also convey beauty and art, and that such an effect is greatly magnified when tens or hundreds of voices come together. To me, the feeling of that is entirely euphoric. At the festival, I set up the venues for the various rehearsals and performances and ensured that every musician received their appropriate music. I was also a featured soloist. My favorite part was singing in the chorus for Bach's Mass in B minor (the festival's central piece). Working for the Collins Center is amazing. The team is small, so in many ways it feels like a little family. Of course, there are terrific perks, like seeing all the shows that come through and sometimes meeting the performers backstage. Hands down, the UMaine music faculty is phenomenal. Many professors are world-class musicians, some even world-leading in their instrument. Every single faculty member in the department is devoted to student success and enrichment. Music is everything to me, but reruns of 'The Office' and some video games keep me sane when I need a break." See posts featuring Fisher on UMaine's [Facebook](#), [Twitter](#) and [Instagram](#) pages.

Caron and Mitchell present research at annual meeting of the Society for the Scientific Study of Sexuality

09 Nov 2018

Sandra Caron, professor of family relations and human sexuality, and Deborah Mitchell, retired UMaine police sergeant, presented their research, "A qualitative analysis of interviews with women who experienced sexual assault and who told no one," at the annual meeting of the Society for the Scientific Study of Sexuality in Montreal, Nov. 8-11. Their research is based on interviews conducted with college women ages 19-24 over the past four years.

STEM education improvement community to talk strategies Nov. 16–17

09 Nov 2018

University of Maine faculty, staff and graduate students will discuss evidence-guided teaching and learning strategies with preK–12 STEM (Science, Technology, Engineering and Math) teachers Nov. 16–17 at Point Lookout in Northport. About 125 attendees are expected at the eighth annual fall summit of the Maine STEM Partnership, a statewide education improvement community. “The summit is a fantastic opportunity for the researchers and educators of the Maine STEM Partnership to come together to celebrate successes and share strategies for engaging students in STEM learning,” says Marina Van der Eb, Maine STEM Partnership coordinator. The summit is titled, “Strengthening Research-Guided STEM Teaching & Learning for Maine Students: Community-based strategies to support educators.” The themes are fostering achievement for all Maine students; noticing, exploring and deepening student thinking; and leveraging teacher leadership in STEM. The event begins with a Friday night dinner and keynote by Anne Leak, assistant professor of elementary and middle grades at High Point University in North Carolina. Her talk is titled, “Connections and Context: Refocusing NGSS to Create Meaningful Learning Opportunities.” Talks and workshops continue Saturday. Presenters will include UMaine faculty members from the physics, chemistry and mathematics departments, as well as representatives from the Department of Education, and teachers from around the state.

Call for proposals to support cultural events

09 Nov 2018

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 UMaine. The CA/DLS committee accepts applications four times a year. The next application deadline is Nov. 26 for projects starting on or after Dec. 21. Proposals must be submitted online using the [CA/DLS Grant Application Form](#). Past awards have supported lectures, Culturefest, the International Dance Festival, exhibits, performances and guest artists. Grant application guidelines and more information about the Cultural Affairs/Distinguished Lecture Series is [online](#).

Hopkins to be inducted into Maple Hall of Fame, Morning Ag Clips reports

09 Nov 2018

[Morning Ag Clips](#) reported University of Maine Cooperative Extension educator Kathryn Hopkins will be inducted into the Maple Hall of Fame at the International Maple Museum Centre in Croghan, New York in May 2019. Only one other person from Maine has been selected for membership in the Hall of Fame in the council’s 41-year history. Hopkins joined UMaine Extension in 1993. Since 1997, she has been an educator in the UMaine Extension Somerset County office, responsible for agriculture and natural resources programming in the county and statewide. Hopkins serves as a statewide resource for the Maine maple syrup industry. She is one of the creators of the IMSI Maple Grading School that has been presented annually since 2004, and has served as director of the International Maple Syrup Institute since 2008. She will join 91 other inductees who are industry leaders and have “contributed their time, talent and leadership to the North American maple syrup industry,” the report states.

Riordan organizes educational Bangor bicycle race, BDN reports

09 Nov 2018

The [Bangor Daily News](#) reported on the eighth annual Bangor Alleycat bicycle race, in which cyclists pedaled to 11 checkpoints throughout the city to complete history-related tasks. This year’s race was organized by Liam Riordan, a history professor at the University of Maine. Alleycat races have no set route. Instead, they have checkpoints, locations listed on a manifest that is handed to participants just before the race. The racers then use their knowledge of the area to map out what they believe is the best route to hit all checkpoints, according to the article. As lead organizer of this year’s race, Riordan infused the event with bits and pieces of the past, the article states.

MBS students speak about research project on WABI

09 Nov 2018

University of Maine students Will Carter and Austin Cashman visited the studio of [WABI](#) (Channel 5) to speak about their research project, Undiscovered Maine. The project, which involves Maine Business School faculty and students, aims to provide opportunities for students to learn web and social media strategies as well as organizational, management and marketing skills to help small businesses in underserved areas of Maine. The students also are trying to provide small Maine businesses with a space to showcase their services, WABI reported. “Our main goal is to get tourist traffic to these areas that really just simply don’t have much tourist traffic,” Carter said. The group’s website includes sections about parts of the state that might not get a lot of attention but have a lot to offer in terms of tourism and business opportunities, according to the report. “We want people to explore Maine,” Cashman said. “We think that Maine has so much more to offer than the areas that are most popular with tourists. We want them going to Aroostook County, we want them going Down East and to the mountains and lakes regions. We want them to go all over because when tourists go all over and explore all of what the state has to offer, then local economies benefit.”

Digital Book of Memory unveiling included in BDN roundup of Veterans Day events

09 Nov 2018

The unveiling of the Digital Book of Memory at the University of Maine was included in a [Bangor Daily News](#) roundup of Veterans Day events scheduled around the state. The Digital Book of Memory contains portraits and obituaries of UMaine’s 261 fallen dating back to the Spanish-American War. It is the culmination of a larger Memorial Room project and was inspired by the original Book of Memory created by the University of Maine Alumni Association in 1946 that honored and memorialized UMaine’s fallen from World War II. Before the Nov. 9 unveiling, guest speakers were scheduled to talk about the project and the importance of commemorating those lost during military service.

UMaine recognizes World Usability Day, WABI reports

09 Nov 2018

[WABI](#) (Channel 5) covered “Equity, Access and Inclusion: A World Usability Day Event” hosted by the University of Maine. World Usability Day brings together communities of professional, industrial, educational, citizen and government groups to promote the values of usability, accessibility and universal design to ensure that services and products important to life are easier to access and simpler to use. The UMaine conference was designed to provide the opportunity for the campus and surrounding community to come together to help promote the core values of equity, access and inclusion. The conference included several presentations and workshops surrounding topics such as creating a culture of access and designing accessible classes, WABI reported. Keynote speaker Kelly Nye-Lengerman spoke about making employment and post-secondary education the new norm for individuals with disabilities, the report states. “We believe that if we tap into the potential that individuals have, we can increase the number of people who go to college and succeed in college. We can reduce unemployment. We can increase opportunity and equity for people with disabilities in Maine,” said Sara Henry, director of Student Accessibility Services at UMaine.

Overlooked trends in annual precipitation reveal underestimated risks worldwide

13 Nov 2018

A reanalysis of worldwide annual trends in precipitation demonstrates that risk to human and environmental systems has been underestimated, according to a team of University of Maine researchers. As a result, they found more than 38 percent of the global population and over 44 percent of land area have been experiencing overlooked precipitation trends. Conventional trend analysis approaches examine changes in mean annual precipitation over time, and erroneously assume that changes in high and low precipitation follow suit, according to Anne Lausier, a UMaine doctoral candidate in civil and environmental engineering and a National Science Foundation Graduate Research Fellow, and Shaleen Jain, associate professor of civil and environmental engineering. The historical record of annual precipitation is summarized by the probability distribution function (PDF), where the frequency with which precipitation amounts within a certain interval occur and the probability of exceedance (non-exceedance) above (below) a given threshold can be readily estimated. In their paper, “[Overlooked Trends in Observed Global Annual Precipitation Reveal Underestimated Risks](#),” published in the journal Scientific Reports, Lausier and Jain present an innovative trend typology using quantile regression and offer a comprehensive analysis of overlooked trends worldwide. Their trend typology, rather than focusing on mean and median trends alone, extends analyses to the upper and lower tails of the PDF to assess the compounded influence of risk and variability at various thresholds. The most frequently overlooked trends include an increased risk of extreme wet conditions and increased variability found in parts of the midwestern United States, northern Canada, south-central Asia and Indonesia — regions that are home to nearly 860 million people. Conversely, the new comprehensive analysis found 840 million people exposed to a decreased risk of wet conditions, particularly in southern Africa, South America and parts of northern Asia, indicating a decrease in the incidence of high annual totals. An estimated 630 million people are impacted by an increased risk of dry conditions in parts of southern Europe, the U.S. West, southern Canada and northern Africa. More than 40 percent of global rainfed agricultural areas are exposed to overlooked trends including parts of southern and western Africa and the midwest U.S. “Human adaptation to climate change requires understanding the likelihood of experiencing detrimental impacts,” Lausier and Jain write. “Mischaracterization of risks to human and environmental systems may underestimate the urgency of climate adaptation or could lead to inappropriate strategies. Our results show that significant population and land areas on the global scale correspond with changes in precipitation risk and variability, and are mischaracterized by conventional approaches.” “Unreliable or erroneous estimates of risk are of special concern for more vulnerable contexts and communities,” the researchers say. “Our results underscore how trends overlooked in terms of spatial extent, regionality, and severity have implications for a range of human and environmental systems. Application of our approach in future climate studies will allow for risk assessment at more appropriate adaptation targets.” Contact: Anne Lausier, anne.lausier@maine.edu; Shaleen Jain, shaleen.jain@maine.edu

Improve on-farm communication with UMaine Extension

13 Nov 2018

Farmers, farm families and farm employees interested in improving farm communications will have three opportunities to participate in a workshop, and up to four farm-coaching sessions, beginning Dec. 5, 10 a.m.–1 p.m., at Kennebec Valley Community College, 92 Western Ave., Fairfield. Additional workshops are scheduled Jan. 8, 10 a.m.–1 p.m., at University of Maine Cooperative Extension Hancock County office, 63 Boggy Brook Road, Ellsworth; and Feb. 5, 9 a.m.–noon, online only. UMaine Extension human development specialist Leslie Forstadt, and family and community mediation director Karen Groat will lead the workshops. Each participant will identify unique needs and create a plan to address them. All workshop attendees also are eligible to apply for up to four coaching sessions at no cost. The farm coaching sessions will focus on farm decision-making, goal setting or communication. Cost is \$15/person or \$25/couple, and includes workbook and refreshments for Fairfield and Ellsworth trainings; \$10/person for online session. Register online. For more information or to request a reasonable accommodation, contact Angela Martin, 581.3739; angela.martin@maine.edu. More information also is [online](#). The workshops and coaching are made possible by a grant from the United States Department of Agriculture, National Institute of Food and Agriculture Northeast Extension Risk Management Education.

Nominations sought for 2018–19 Maryann Hartman awards

13 Nov 2018

Nominations for the 2018–2019 Maryann Hartman Awards will be accepted through Nov. 20, with a public celebration planned for March 27 at the University of Maine. The Women’s, Gender, and Sexuality Studies Program will partner with the Rising Tide Center to sustain the 32-year tradition of honoring contemporary Maine women by enhancing awareness of their accomplishments. The Maryann Hartman Award, which recognizes the inspirational achievements of women in the arts, politics, business, education, health care, social justice and community service, is named for the late UMaine professor of speech communication who was a renowned educator, feminist, scholar and humanist. Nominations can be submitted [online](#) or mailed to: Women’s, Gender, and Sexuality Studies, 5728 Fernald Hall, Suite 201, University of Maine, Orono, Maine, 04469-5728. For more information, call 581.1228.

Jeremy ‘Jay’ Johnson passes away

13 Nov 2018

Jeremy “Jay” Johnson, former director of computing services for the University of Maine System in Orono, passed away Nov. 2. Johnson served in the position for nearly 30 years beginning in 1969 and was a dedicated UMaine hockey fan and active member of the Orono community, according to his [obituary](#).

Egan quoted in Quoddy Tides article about election results

13 Nov 2018

Andrew Egan, head of campus at the University of Maine at Machias, was quoted in a [Quoddy Tides](#) article about midterm election results. Question 4, a bond for upgrades to Maine’s public universities, was supported by 54.4 percent of the voters statewide, according to the article. “Funding from the bond will help us make the University of Maine at Machias an even better place to study, play and work as we do our best to serve our students and Down East communities,” Egan said.

UMaine volunteers lend a hand at Take Pride in Acadia day, Mount Desert Islander reports

13 Nov 2018

[Mount Desert Islander](#) reported volunteers from the University of Maine participated in the 28th annual Take Pride in Acadia cleanup day at Acadia National Park on Nov. 10. More than 300 volunteers from local schools and community groups raked leaves to clear drainage areas on nine miles of the park’s carriage roads in 18 locations. The event is sponsored by Friends of Acadia and is an effort to reduce erosion and costly washouts, the article states.

Stanley speaks with Press Herald about nourishing garden soil

13 Nov 2018

Liz Stanley, a horticultural educator with University of Maine Cooperative Extension, was quoted in the [Portland Press Herald](#) article, “At fall lawn-feeding time, we offer you a recipe for nourishing your garden.” This fall, several home gardeners going in search of straw bales (for winter mulch) were advised by store personnel to buy plastic-wrapped “straw mulch with tack,” according to the article. Stanley said she got several calls from gardeners wanting more information about this “manufactured” mulch. Tackifiers are compounds that make straw stick together and can be made from natural substances like guar gum or worrisome ones like polyacrylamides, which can contain residual acrylamides, known as neurotoxins, the article states. Some gardeners also are tempted to pile on immoderate supplements, the Press Herald reported. “[UMaine] Extension staff are finding soil test results that indicate overdoses of compost, potentially leading to soil pH problems, nutrient imbalances and phosphorus contamination of water,” Stanley said.

UMaine facility featured in Campus Rec Magazine

13 Nov 2018

The University of Maine’s New Balance Student Recreation Center was chosen as [Campus Rec Magazine](#)’s “Rec of the Month” for November. The post includes a list of facility amenities, programming highlights and fun facts.

AP quotes Beal in article about coastal warming, shellfish

13 Nov 2018

The Associated Press quoted Brian Beal, a professor of marine ecology at the University of Maine at Machias and the director of research at the Downeast Institute, in an article about the impacts of coastal warming on shellfish populations. The article focused on a study by researchers from the National Oceanic and Atmospheric Administration and Maryland Department of Natural Resources linking increasing ocean water temperatures with a decline in populations of shellfish on the East Coast. The researchers said ocean warming has contributed to phenomena including an increase in predator populations, and contradicted assumptions that shellfish population decline is a result of overfishing. Beal, who was not involved in the study, said rising ocean temperatures could mean “doom and gloom for the clamming industry and probably for other industries as well,” especially those that are important food products, like clams and mussels. “None of this can be attributed to overfishing, a term that is used willy-nilly and applied erroneously to these declines in commercially important shellfish,” said Beal. [Bangor Daily News](#), [Portland Press Herald](#), Merced Sun-Star, [The Daily News of Newburyport](#) and [Northwest Arkansas Democrat Gazette](#) published the AP article.

WABI previews Multicultural Thanksgiving

13 Nov 2018

[WABI](#) (Channel 5) previewed Multicultural Thanksgiving, hosted by the University of Maine’s Office of Multicultural Student Life. The meal will be a potluck from 5:30-8:30 p.m. Nov. 15 in the North Pod of the Memorial Union. The event, which also will include a presentation and music, will give members of the community a change to see how people from various cultures give thanks, according to WABI.

UMaine featured in Science360’s ‘Picture of the Day’

13 Nov 2018

The National Science Foundation’s [Science360](#) featured a University of Maine image as the Nov. 13 “Picture of the Day.” The photo, by Holland Haverkamp, shows Hermon Middle School science teacher Jim Fratini holding a student’s model of a cell. The photo comes from a [UMaine Today](#) magazine story about the Maine Center for Research in STEM Education (RISE Center).

AP, Mainebiz report UMaine to receive \$145K USDA grant for wild blueberry production studies

13 Nov 2018

The Associated Press and [Mainebiz](#) reported the University of Maine will receive funding for two projects from the U.S. Department of Agriculture's Specialty Crop Block Grant Program. The program has been used to improve Maine harvests of various products, and these particular grants are part of a \$538,073 grant package to support nine projects that are working to improve the competitiveness of Maine "specialty crop producers," according to Mainebiz. UMaine received \$99,880 for research on improving blueberry production and integrated pest management for weeds and diseases in partnership with the Wild Blueberry Commission; UMaine also will receive \$43,887 to evaluate the impact of new fertilizers on the market used by wild blueberry growers, and evaluate the impact of "increased climate variability" on Maine's wild blueberry crop, Mainebiz reported. [Bangor Daily News](#), [WABI](#) (Channel 5), Maine Public, [U.S. News & World Report](#) and Miami Herald carried the AP report, and the [Times Record](#) included it in a roundup.

Division of Lifelong Learning collecting scarves, hats for Special Olympics Maine

14 Nov 2018

The Division of Lifelong Learning at the University of Maine is collecting new handmade scarves and hats for Special Olympics Maine. A drop-off box is located in the first-floor hallway of Chadbourne Hall. Donations will be accepted through Jan. 4. The scarves and hats will be donated to athletes who are participating in the 2019 Special Olympics Maine State Winter Games. Special Olympics Maine hopes to receive 500 scarves, as well as hats, so every athlete can stay warm during the 2019 games. Donations in the colors of the 2019 games — purple, green and blue — are encouraged but not required. For more information, call 929.6237 or 879.0489.

UMaine Extension cited in Food Poisoning Bulletin article on washing produce

14 Nov 2018

A University of Maine Cooperative Extension publication was cited in the [Food Poisoning Bulletin](#) article, "What is the best way to wash fruits and vegetables?" The article pointed to a UMaine Extension [bulletin](#) "that contains valuable information and step-by-step instructions." Tips included washing your hands with hot, soapy water; cleaning the countertop, cutting boards, utensils and sink; using a vegetable brush to scrub produce that has a thick skin; soaking produce that has nooks and crannies for one to two minutes in cold, clean water; and refrigerating produce as soon as possible after it is cleaned.

Press Herald quotes Dill in article about decline in Lyme cases

14 Nov 2018

The [Portland Press Herald](#) interviewed Griffin Dill, an integrated pest management professional with University of Maine Cooperative Extension, for the article "Reported cases of Lyme disease show dramatic drop in Maine." Lyme disease cases are projected to be the lowest in at least three years in Maine, which according to researchers is likely a result of the cumulative effect of arid summer conditions, the article states. Dry weather reduces mobility of deer ticks and consequently could reduce their populations by shortening their lifespan and affecting reproductive capability, according to Dill. "They dry out very easily. They need to have moisture to survive when out questing for a host," said Dill. "When it's dry, they have to keep returning to moist areas, such as burrowing under leaves. The dry weather hampers their activity and could impact their survivability." [The Times Record](#) and [Sun Journal](#) carried the Press Herald article.

Sierra magazine interviews grad student, Campbell for article on diversity in field research

14 Nov 2018

[Sierra](#) magazine interviewed members of the University of Maine School of Earth and Climate Sciences — Annie Boucher, a master's student and research assistant, and Seth Campbell, a research geophysicist and assistant professor — for the article "On the Juneau Icefield, Women Reimagine Who Does Science." Boucher, who also is the program manager of the Juneau Icefield Research Program (JIRP), reflected on her experience with discrimination and lack of diversity in scientific research, especially in the field. JIRP is working to change that. "We want to run a science education program, and we want everyone to feel as comfortable as possible so they can fully participate in that program," said Boucher. The program is the second longest running glacier monitoring program in the world, and the study of glaciers can yield insights into past and present climates, geology and hydrology of natural systems, the article states. In five of the last six years, the majority of participants have been women, a contrast to the male-dominated origins of the program. And it's not just women supporting the changes. "As the senior-most woman in this program, I haven't always had to take the lead on the sexual harassment conversation," said Boucher. "I have never once felt at JIRP like there weren't men who had my back." According to the article, the program has an official code of conduct and reporting pathway as of this summer to address the pervasive issues of discrimination and sexual harassment in scientific research. "We have an understanding of the history of JIRP. There have been some complaints in the past. This is something we can fix, and tackle any issues that come up through the season head on, and be proactive about that," said Campbell, the executive director of JIRP. "My goal and Annie's goal is to knock it out of the park." Campbell drew on models from programs in areas like Greenland and Antarctica to inform JIRP's protocol, according to Sierra magazine. The pair is continuing to work toward making JIRP more inclusive for researchers of different genders and cultures to expand the inclusivity of scientific field research overall.

2018 Staples Lecturer in Biochemistry to speak Nov. 15–16

14 Nov 2018

David Bartel of the Whitehead Institute for Biomedical Research and Howard Hughes Medical Institute will visit the University of Maine Nov. 15–16 as the 2018 Staples Lecturer in Biochemistry. The Department of Molecular and Biomedical Sciences will host Bartel, who is a member of the National Academy of Sciences and a leader in the study of noncoding RNA. Bartel will lead two research seminars for the scientific community, as well as a lecture for a general audience. All talks are free and open to the public. On Nov. 15, Bartel will speak about "MicroRNAs and other Regulatory RNAs" at 11 a.m. in Hill Auditorium, Barrows Hall. He also will present the public lecture, "Small RNAs that Regulate Genes and Treat Diseases" at 4:30 p.m. in the McIntire Room, Buchanan Alumni House. Bartel will discuss "The Dynamics of Cytoplasmic mRNA Metabolism" at 11 a.m. Nov. 16 in Hill Auditorium, Barrows Hall. Bartel's research centers on RNA, with a special interest in microRNAs, or miRNAs, short RNA molecules that regulate gene expression. He and his

laboratory use a variety of methods to discover the abundance of miRNAs, to investigate how miRNAs are made, and to predict which genes miRNAs regulate in plants and animals. The Bartel Laboratory also has shown how a specific miRNA helps prevent cancer and has contributed to the development of RNA as a tool for silencing gene expression. In addition, the lab has been studying messenger RNAs (mRNAs) and the functions of the tails added to the ends of most mRNAs. Bartel's research has been recognized with the AAAS Newcomb Cleveland Prize, the National Academy of Sciences' Award in Molecular Biology and the Institut de France Louis-D. Prize. Bartel received his undergraduate degree from Goshen College in Indiana before completing his doctorate in virology at Harvard University. He currently is an investigator of the Howard Hughes Medical Institute, a member at the Whitehead Institute, and professor of biology at the Massachusetts Institute of Technology (MIT). Over the past 30 years, the Staples Lectureship in Biochemistry has brought several prominent researchers to UMaine, including three Nobel laureates — Paul Berg, Thomas R. Cech and Roderick MacKinnon. Other prior Staples Lecturers include Joan Brugge, Lewis Cantley, Melanie Cobb, Philip Cohen, Nicholas R. Cozzarelli, Leroy E. Hood, Hugh Huxley, Stuart Kornfeld, Harvey F. Lodish, Tom Maniatis, Maxine Singer and Susan S. Taylor. For more information, email Benjamin King, benjamin.l.king@maine.edu.

Hannah Horecka: Master's student divides time between UMaine, Department of Marine Resources

15 Nov 2018

As an undergraduate marine sciences student at the University of Maine, Hannah Horecka's Honors College thesis focused on biotoxin trends, such as red tide, in Cobscook Bay. Her research helped her land a contract position at the Maine Department of Marine Resources (DMR) shortly after graduating in 2012, and a job as a staff scientist in 2015. In January 2018, Horecka returned to UMaine as a master's student. Working with Sean Smith, a professor in the School of Earth and Climate Sciences and the Senator George J. Mitchell Center for Sustainability Solutions, she is studying land-sea interactions in coastal pollution. At DMR, Horecka manages the shellfish flats from Stockton Springs to Schoodic Point. "My job is to take the data and determine if they meet the standards for shellfish harvest to see if they're safe for human consumption," Horecka says. The full profile on Horecka and her research is on the Mitchell Center's [website](#). Contact: David Sims, 581.3244

Social media spotlight: Justin Hafner

15 Nov 2018

Hometown: Queensbury, New York. Justin Hafner, a senior kinesiology and physical education major, psychology minor and member of UMaine's swim team is working at the VEMI Lab where he conceived the idea for the Lento Viewer, new technology that shows people's muscles move in real time as they exercise. The invention has applications for sports, medicine and education. "The software is called the Lento Viewer — the word 'lento' is the Latin word for 'flex.' When you look at me with the VR goggles, you'd see my entire musculature surrounding my body. It's almost like X-ray vision. You'll see all my muscles firing, and it'll show the different contractions in different colors. It's ideally going to change the way people recognize anatomy, learn anatomy and train efficiently. I've started a company called KinoTek, and there's a patent pending on this piece of technology and the process. We hope to eventually put this on a mobile app so anyone can use it. I've had so much positive feedback. The DoD (Department of Defense) is talking to me about possibly using this for their training and I've talked to physical therapists and chiropractors who want to use this in their practices. I pursued kinesiology to help me with swimming, with understanding what was going on physiologically and biomechanically to become faster and improve my performance. My psychology minor allows me to understand how to run a human subject study and what statistical processes to use to understand my data. I'm graduating this winter, then will begin pursuing my Ph.D. in the spring in a kinesiology master's program here at UMaine. I'm going to continue to grow my company, and if the corporate route doesn't work out, I hope to become a certified sports psychologist, ideally for a college or professional team. I am also a two-time school record holder in swimming at UMaine. I chose UMaine because when I was being recruited by the swim team I instantly fell in love with the atmosphere. I realized how much of a close-knit community we have and how many resources are available for students to succeed. Outside of the classroom, I spend much of my time on the water. My true passion is fishing and whenever I get the time I take my fly rod down to the river or a stream and cast a few lines." See posts featuring Hafner on UMaine's [Facebook](#) and [Twitter](#) pages.

UMaine community giving back during holiday season

15 Nov 2018

Editor's note: This is not a complete list; additions may be made. Several University of Maine groups are leading charitable efforts to give back to the community throughout the holiday season. The Black Bear Exchange, UMaine's food pantry and clothing exchange, will provide Thanksgiving meals to its clients who will be in the area for the holiday. The Bodwell Center for Service and Volunteerism is collecting food items for Thanksgiving meal baskets for families connected to the Black Bear Exchange. Requested items include turkey, stuffing, squash, carrots, potatoes, cranberry sauce, gravy and pies. A family meal can be sponsored for \$10. Items can be dropped off at the Bodwell Center in the Memorial Union through Nov. 16. The center also is recruiting volunteers to help Penquis, a Bangor nonprofit organization, with pickup of turkeys from the Free the Z Turkey Drive Nov. 16 and 19. The annual event is sponsored by local radio station Z107.3. Signups are [online](#). A gift collection for children in need will be coordinated by the Bodwell Center, the Salvation Army and Adoptive and Foster Families of Maine. Gift suggestions will be posted [online](#) at the end of November, and donations can be dropped off in the Bodwell Center. For more information about the Bodwell Center and its initiatives, contact Lisa Morin at lisa.morin@maine.edu, 581.4194. The Classified Employees Advisory Council (CEAC) will collect donations of nonperishable food and personal care items for the Black Bear Exchange throughout the holiday season. Donation boxes have been placed in Alumni Hall, rooms 201 and 213; the Engineering Dean's Office in the AMC Building; the Safety and Environmental Management Building in York Complex; the Keyo Building; the Parking and Transportation Services Office and Fogler Library. Donations will be accepted through Dec. 7. The Professional Employees Advisory Council (PEAC) is co-sponsoring the Solidarity Harvest on Nov. 16 along with the International Student Association, Office of International Programs and Bodwell Center. Volunteers will pack at least 1,300 locally sourced Thanksgiving meal baskets for families in need at the annual day of service run by Food AND Medicine, a nonprofit organization in Brewer. Transportation will be provided for three-hour shifts leaving from campus. Registration for volunteers can be completed [online](#). For more information, contact Sarah Joughin, joughin@maine.edu. A group of student-athletes will partner with the Maine Business School's MBS Corps to decorate for the holidays and visit with residents at the Phillips-Strickland House in Bangor on Nov. 26. Throughout November, volunteers from the University of Maine Cooperative Extension's [Eat Well Volunteer Program](#) will continue to visit four food pantries in Hancock and Washington counties: Loaves and Fishes (Ellsworth), What's For Supper (Mariaville), Bucksport Community Concerns Pantry (Bucksport) and Sea Coast Mission (Cherryfield). At these food pantries, trained Eat Well Volunteers not only deliver the produce (which was gleaned and/or donated by UMaine Extension's Master Gardener Volunteers), they also offer cooking tips and demonstrations, food safety education and one-on-one assistance with meal planning. Eat Well Volunteers bring free information and resources, including spices, recipes and useful tools like meat thermometers. They also prepare the recipes in advance so that people may taste a recipe before obtaining the

ingredients. This month, Eat Well Volunteers will be providing information about how to prepare baked apple crisp, apple coleslaw and turkey. These volunteers, who have been visiting one of these food pantries about twice a month since July, will wrap up their season at the end of November. PHS 4-H, a UMaine Extension 4-H club in Cumberland County, will be preparing a meal at the Ronald McDonald House in Portland from 4–6 p.m. Dec. 19. The club also will shop for ingredients beforehand. UMaine Extension's Cumberland County office in Falmouth is hosting its fifth annual clothing drive to benefit Preble Street Resource Center, a Portland-based nonprofit that provides resources and services to those experiencing poverty, hunger and homelessness. Every year, this clothing drive collects hundreds of clothing and toiletry items that have been donated by Extension volunteers, employees and community members. For more information, visit the website or contact Lynne Hazelton, lynne.b.hazelton@maine.edu. Alpha Tau Omega will host its annual Blue and Gold Christmas, a philanthropy event that collects donations of non-perishable food items, toiletries and clothing. This year, donations will be given to Bangor-based nonprofit Partners for Peace. Teams from Greek Life and other student organizations will be given a tree to decorate, along with a donation box. The trees will be on display in the Memorial Union from Dec. 3–11. If interested in having a tree and box, contact Justin Alcorn, justin.alcorn@maine.edu. There also will be a tree for general donations not specific to an organization. Pi Beta Phi and Phi Gamma Delta (FIJI) will host the annual Pi Phi/FIJI Christmas event from 6–8 p.m. Dec. 7 at the FIJI fraternity house, 79 College Ave. Donations of new, unwrapped toys for Cross Roads Ministries Resource Center in Old Town will be collected during the reception. Light refreshments will be served. UMaine's annual employee holiday lunch will take place at Wells Conference Center from 11:30 a.m.–1:30 p.m. Dec. 11. Members of PEAC and CEAC will be in the lobby of Wells collecting nonperishable food items and household supplies to benefit the Black Bear Exchange. Golden Key also will be accepting new hats, gloves, mittens and socks as part of its Warmth Drive. MBS Corps is partnering with the Salvation Army to support the organization's Adopt-A-Family program. Members of MBS Corps will table in the lobby of the D.P. Corbett Business Building from Dec. 10–14. Last year, more than 100 gifts were collected for families in need. Contact: Cleo Barker, 207.581.3729

AR technology blending physical and virtual flavor perceptions in Ranasinghe's invention

15 Nov 2018

Imagine the ability to turn a plain glass of water into any kind of drink that suits your fancy, from lemonade to a cocktail, with the press of a button. Sound futuristic? The future is at the fingertips of Nimesha Ranasinghe, a new assistant professor in the School of Computing and Information Science at the University of Maine. In his Multisensory Interactive Media Lab ([MIM Lab](#)) at UMaine, Ranasinghe explores virtual reality and augmented reality to build on technology he pioneered while earning a Ph.D. in electrical and computer engineering at the National University of Singapore. The latest invention he developed there is the Virtual Cocktail, or Vocktail. Ranasinghe harnesses preconceived perceptions of color and taste to tap into memories and expectations surrounding food and drink, combining electricity, heat, color and smell to create a specific flavor experience. With the Vocktail mobile app, users can select different elements to create easily recognizable — or entirely new — beverages. A pair of electrodes on the rim of a glass of water impart tiny, controlled electric pulses while the user drinks. The amplitude and frequency of the electric current can be changed to simulate saltiness or sourness based on the user's perception of stimuli. An LED light and other components contribute to other sensory variations, including aromas and colors, to create flavor. "When you think about the flavor, it's not just the taste sensations. It's the color, it's the smell, it's even your previous memories associated with these flavors, as well as your ambient environment. So all these emotions, memories, experiences are associated with your flavor perception," says Ranasinghe. For example, the combination of a certain electric current to replicate sourness, yellow light and lemon smell can recreate the experience of drinking lemonade. "I initially wanted to introduce the sense of taste as a digitally controllable media, so I started to play with electrical stimulation and thermal stimulation on the human tongue and to study how people perceive those stimuli as related to the primary taste sensations," says Ranasinghe, who also has collaborated to create chopsticks and other utensils that transmit a sensation of salty or sour flavor through the use of electrodes. Ranasinghe likens this avenue of virtual reality and augmented reality to "TV in the '50s" — there are so many possibilities it's difficult to decide where to start. His research focus is to broaden the knowledge of all the potential opportunities and applications for this technology, while continuing to innovate in beverage and culinary experiences, and seamlessly merge the virtual and physical worlds. Jonathan Roman Bland, an electrical engineering technology student and research assistant in the MIM Lab, and Sofian Audry, an assistant professor of new media, are working on combining music and its associated experiences with the flavor experience of a beverage. They are building the testing platform to make it easier to simulate the different flavors and experiences along with a song. "We'll be able to make an experience that intertwines music with taste, smell and color into a cool experience," says Bland. Ranasinghe hopes his inventions will help people who are on diets restricting salt, sugar and other ingredients use this technology to enjoy the same flavors without worrying about health risks. At UMaine, Ranasinghe also is affiliated with the Spatial Informatics program and the National Center for Geographic Information and Analysis (NCGIA), and has received numerous awards for his work, including recognition of the Digital Lollipop as one of the 10 best innovations in the world at the 2014 UNESCO netexplo forum. Ranasinghe also is looking for student researchers from various disciplines including electrical engineering, computing, new media, psychology and others to work in the MIM Lab; if interested, contact r.ranasinghe@maine.edu. Contact: Cleo Barker, 207.581.3729

Mitchell Center Sustainability Lightning Talks Nov. 19

15 Nov 2018

The Senator George J. Mitchell Center for Sustainability Solutions at the University of Maine will host Sustainability Lightning Talks from 3–4 p.m. Nov. 19. The five-minute talks will focus on student sustainability research in Maine, and will be held in Norman Smith Hall, Room 107. For more information, contact Ruth Hallsworth, hallsworth@maine.edu.

Undergraduate research training session to be offered Nov. 19

15 Nov 2018

The University of Maine Office of Research Compliance will hold a Responsible Conduct of Research training 5–8:30 p.m. Nov. 19 in Stodder Hall, Room 57. The session is for undergraduate students participating in NSF, NIH and/or USDA-NIFA sponsored research. More information and a registration link are online.

Morning Ag Clips previews UMaine Extension agronomy workshop

15 Nov 2018

[Morning Ag Clips](#) published a University of Maine Cooperative Extension news release previewing a soil and agronomy workshop to take place 8 a.m.–4 p.m. Dec. 5 at the University of Maine Presque Isle Campus Center. The workshop is designed for farmers, industry representatives, students and faculty, the

release states. UMaine Extension assistant professors Sukhwinder Bali and Ellen Mallory will present on topics including soil management and crop production, soil fertility and health, diseases and insects. There also will be a panel discussion. The fee is \$25 in advance, \$35 at the door. Registration is online. For more information or to request a reasonable accommodation, contact Bali, 764.3361; sukhwinder.bali@maine.edu.

BDN article about horse rescue organization cites UMaine survey

15 Nov 2018

The [Bangor Daily News](#) cited a 2012 University of Maine survey of 82 Maine horse owners in the article “These Mainers rescue neglected horses from the brink of death.” Windham-based horse rescue organization Maine State Society for the Protection of Animals (MSSPA) usually takes in horses seized by law enforcement in cases of abuse and neglect, and works to rehabilitate and find new homes for the animals, according to the article. The UMaine survey found the average cost of owning a horse was \$3,876 per year, the BDN reported. This can add up, as horses can live into their 30s or 40s, and cost is one reason owners may decide to get rid of them. The article focused on Tess, a retired racehorse whose owners no longer wanted her and called the organization to take her away as an alternative to putting her down. The BDN also spoke with Alice Bruce, a professor and chair of the department of chemistry at UMaine and the new owner of Tess. Bruce is an experienced horse owner who enjoys trail riding, the article states. She already had two horses when she adopted Tess from MSSPA two years ago. “I was worried that Karie [30-year-old horse] wouldn’t last much longer, and I didn’t want my other horse to be alone. But I didn’t want to go through having to raise and train a horse. I’m getting up there too. I didn’t want a horse that would necessarily outlive me,” said Bruce. “I’m super in favor of giving animals a second chance, no matter what kind of animal we’re talking about.”

Maine Edge reviews SPA production of ‘The Curious Savage’

15 Nov 2018

[The Maine Edge](#) reviewed the University of Maine School of Performing Arts’ production of John Patrick’s classic “The Curious Savage.” Directed by Ten Bucks Theatre Company founder and UMaine theatre instructor Julie Arnold Lisnet, the production is staged in Hauck Auditorium and will run through Nov. 18. The show tells the story of Ethel Savage, a widowed woman who has received a large sum of money from her deceased husband and whose stepchildren plot to take the money from her. They have her committed to a sanatorium, but rather than “placing their stepmother at a disadvantage, they’ve instead dropped her into a place rife with allies,” the review states. The Maine Edge called the production “remarkably progressive” and “a curiosity well worth satisfying.” Tickets are \$10 or free with a student MaineCard, and are available [online](#) or by calling 581.1755.

Access to sweetgrass key for artists at Maine Indian Basketmakers Holiday Market

16 Nov 2018

In December, Micmac Donna Sanipass’ spectacular, detailed pinecone basket made of brown ash and sweetgrass will be raffled off at the Maine Indian Basketmakers Holiday Market. Proceeds will support the 24th annual market that will be held 9 a.m. to 3 p.m. Saturday, Dec. 8, at the Collins Center for the Arts at the University of Maine. Sweetgrass (*Hierochloe odorata*), one of the basket’s two materials, is a cultural grass that Wabanaki people have been harvesting for generations. For Wabanaki people, harvesting sweetgrass maintains a connection to their spiritual practice, the landscape, and their familial ties and ancestors. Known as welimahaskil in Maliseet, sweetgrass grows in wet meadows, alongside streams and in marshes, including in Bass Harbor Marsh in Acadia National Park. But harvesting in national parks had been prohibited until 2016. <https://youtu.be/oZGBilNIB4k> [Read transcript](#) Suzanne Greenlaw, a doctoral candidate in the UMaine Senator George J. Mitchell Center for Sustainability Solutions and the School of Forest Resources, researches Wabanaki cultural resource issues, including access to sweetgrass and brown ash. Ensuring access to, and harvesting rights of, sweetgrass in protected areas is critical to native basketmakers. Greenlaw, other tribal members, and park officials are exploring the possibility of native basketmakers having harvesting rights in the park’s salt marshes. In summer 2017 in Bass Harbor Marsh, native gatherers identified areas — one-meter plots — they wished to harvest. Then they did so as part of Greenlaw’s project with Michelle Baumflek, a research biologist for the United States Forest Service. One-meter control plots also were marked. Prior to and post-harvest in 2017, Greenlaw and Baumflek counted sweetgrass stems in the plots. And in summer 2018 when they returned, Greenlaw says sweetgrass was more abundant in the harvested plots than in the control plots. When conducting research, Greenlaw utilizes both Wabanaki Traditional Ecological Knowledge and scientific knowledge. “To be here (in Acadia National Park) means we’re changing the way we perceive protection and conservation, that indigenous knowledge is being seen as equal to, or an alternative way to know things and to do things,” she says. Excluding people from an area to protect it isn’t a native concept, says Greenlaw, adding there’s a reciprocal, beneficial relationship between native people and plants. “Being able to pick sweetgrass is ... a way we maintain our culture,” she says. Hundreds of years ago, it’s possible that native ancestors harvested sweetgrass in the area now named Bass Harbor Marsh. And now “we’re in the same area, doing the same activity, potentially telling the same stories,” she says. [caption id="attachment_64299" align="aligncenter" width="675"]



Jennifer Neptune, executive director of the Maine Indian Basketmakers Alliance, braids sweetgrass in her kitchen. [caption] [caption id="attachment_64300" align="aligncenter" width="675"]



University of Maine student Shantel Neptune, back left, and doctoral candidate Suzanne Greenlaw conduct research in Acadia National Park. [caption] Penobscot Jennifer Neptune braids strands of sweetgrass for baskets under her cats' watchful gaze in her kitchen on Indian Island. Some women can braid sweetgrass so fast that their hands are a blur and the sweetgrass "hums," she says. Neptune, who majored in anthropology and minored in Native studies at UMaine, is executive director of the Maine Indian Basketmakers Alliance. She gets inspiration for her designs from older baskets. So, she visits museums. And she goes to antique shops to do what she calls basket rescues to bring them home. In addition to being fragrant basket material, Neptune says sweetgrass is used in ceremonies, burned during prayers and hung in houses for protection. She's harvested sweetgrass — from the root, blade by blade — in July or August in the same spot for nearly 20 years. Because it grows alongside other grasses, Neptune says sometimes it blends in with them. "But you just stop and change your focus and you can see it all," she says. Having access to land to harvest sweetgrass is essential to pass on traditions, connect to the land, and demonstrate proper technique to protect the grass and the marsh. "We kind of need each other," Neptune says. The Maine Indian Basketmakers Holiday Market — a collaboration between the Hudson Museum and Maine Indian Basketmakers Alliance — offers opportunities for award-winning and new artists to sell baskets directly to the public, as well as provide educational demonstrations. "This event is one of only a handful where the public can meet Maine Indian artists, learn about these ancient traditions and acquire one-of-a-kind art forms," says Gretchen Faulkner, director of the Hudson Museum. Schedule for the free-admission event:

- 10 a.m. — Welcome ceremony
- 10:30 a.m. — Traditional Penobscot songs
- 11 a.m. — Brown ash-pounding demonstration
- Noon — Basket demonstration with Donna Sanipass (Micmac)
- 12:30 p.m. — Drumming and singing with Chris Sockalexix (Penobscot)
- 1 p.m. — Fashion show

- 2 p.m. — Burnurwurbskek Singers
- 3 p.m. — Raffle drawing for the brown ash and sweetgrass pinecone basket made by Donna Sanipass (To purchase tickets, call 207.581.1904.)

Contact: Beth Staples, 207.581.3777

Transcript

Suzanne Greenlaw: Sweetgrass is used for spiritual practices. Also, it gets woven into baskets. People have been picking sweetgrass for as long as I can remember, for generations and generations. We have creation stories for sweetgrass. Picking is a spiritual practice. People braid it as a spiritual practice. Then they smudge with it. **Jennifer Neptune:** So after you pick it, you'll take a bundle of it and comb through the ends of it. And it will get rid of all that discolored grass. Braiding sweetgrass is a connection to my ancestors and the basketmakers before me that have done the same thing and picked in the same places that I have, and stood in their kitchens or outside and braided grass for hours. The holiday market at the University of Maine Hudson Museum has been going on for over 20 years. And it's been a collaboration between the Hudson Museum and the Maine Indian Basketmakers Alliance. And it's an important event for artists — not just basketmakers — but a lot of different artists to sell their work to the public. There are demonstrations all day long, storytelling, singing. There's even a fashion show. Even if you are not in the market for a basket, a Maine Indian basket, it's just fun to be there and hang out and watch the demonstrators, and the music, and just to be there. [Back to post](#)

Robbins participates in 'Who Gets to Tell Story?'

16 Nov 2018

Rhea Cote Robbins, academic adviser and success instructor in the College of Liberal Arts and Sciences, participated in “Who Gets to Tell Story?” telling or hearing story while conscious of the human ecology — listening to story justly with social consciousness of equality, at the Waterville Opera House, Oct. 24, in conjunction with the Colby College Citizenship and Community course taught by Mark Tappan for residents of Alford Commons.

Submissions being accepted for 2019 Dorothy Clarke Wilson Peace Writing Prize

16 Nov 2018

The Wilson Center is accepting submissions for the 2019 Dorothy Clarke Wilson Peace Writing Prize. Applicants are asked to reflect on a quote, taken from a 1962 address given by Martin Luther King Jr. at Cornell College in Mount Vernon, Iowa. The winner will receive a \$500 prize and will be invited to read their piece at the annual Dr. Martin Luther King Jr. Breakfast Celebration at Wells Conference Center on Jan. 21, 2019. Completed works should be emailed to erin.daugherty@maine.edu by 11:59 p.m. Nov. 26. The writer who is selected must be available to respond by email during winter break; previous award winners are not eligible. The Wilson Center believes in the difference that powerful writers can make in the world and seeks to encourage students to practice using their voice to promote peace and justice. More information, including submission guidelines, is on the Wilson Center [website](#).

Piscataquis Observer opinion piece focuses on ticks, Dill's radio show appearance

16 Nov 2018

An opinion piece in [The Piscataquis Observer](#) focused on a recent appearance and discussion of ticks by Jim Dill, a pest management specialist with University of Maine Cooperative Extension, on the “Maine Outdoors” radio show on The Voice of Maine News-Talk Network. According to the piece written by the show's host, the takeaways of Dill's appearance are that while there were 1,500 documented cases of Lyme disease in Maine last year, the Centers for Disease Control and Prevention estimates the actual number is at least 10 times that; that deer ticks also can transmit babesiosis and anaplasmosis; that these diseases can be transmitted in a window less than the 36–58 hours it takes to transmit Lyme; and that ticks do not jump onto people but cling to plants and wait for a potential host to brush up against them. Checking for ticks after being outdoors and spraying clothing with an insect repellent containing permethrin can reduce the risk of being bitten by a tick, the article states. Dill said on the show that only 10–20 percent of deer ticks in central, Down East and northern Maine carry these debilitating diseases, though the percentage is higher in southern Maine. Testing of ticks for diseases can be helpful in clarifying what, if any, treatments should be given to a person who has been bitten by a tick. The piece mentioned UMaine Extension's Tick Lab will offer tick testing for a modest fee beginning in January. The [Sun Journal](#) also published the article.

Mayewski, Kurbatov collaborate on ice core study covered by Phys.org

16 Nov 2018

Paul Mayewski, professor and director of the Climate Change Institute (CCI) at the University of Maine, is a co-author on a study that was the focus of a University of Nottingham news release published by [Phys.org](#). Mayewski collaborated with a team of researchers to study an ice core in the Swiss-Italian Alps that yielded evidence showing a seventh century switch from gold to silver currencies in western Europe occurred a quarter of a century earlier than previously thought, the release states. Using ultra-high resolution laser analysis of elements on the ice core; along with markers of volcanic eruptions and analysis of tephra (volcanic glass) led by Andrei Kurbatov, associate professor and researcher in CCI; data from NASA and the National Oceanic and Atmospheric Administration; and UMaine's Climate Reanalyzer to provide insight on wind directions and origins of lead pollution in the Alps resulting from silver mining, the research team achieved a new level of precision in their results. The results of the interdisciplinary Historical Ice Core Project (HICP) have implications for the history of the European monetary system, and for established knowledge about trade and the economy at the time, according to the release. [Archaeology](#) and [Science](#) magazines, as well as United Kingdom publications [The Sun](#) and [Metro](#), also reported on related research, which helped determine why 536 was the "worst year in human history," according to medieval historian Michael McCormick, chair of the Harvard University Initiative for the Science of the Human Past. McCormick teamed with Mayewski to determine a massive eruption took place in Iceland at the beginning of 536, followed by two more in 540 and 547. This threw vast amounts of ash into the air and kick-started a chain of events which plunged Europe into economic stagnation lasting until 640, [Metro](#) reported. [History](#) also reported on the research.

Morning Ag Clips advances farm communication workshop

16 Nov 2018

[Morning Ag Clips](#) published a University of Maine Cooperative Extension news release advancing sessions of a farm communications workshop beginning 10 a.m.–1 p.m. Dec. 5 at Kennebec Valley Community College in Fairfield. The workshop, led by UMaine Extension human development specialist Leslie Forstadt, and family and community mediation director Karen Groat, is intended for farmers, farm families and farm employees interested in improving farm communications, including identifying their unique needs and creating a plan to address them, the release states. Additional workshops will be held 10 a.m.–1 p.m. Jan. 8 at the University of Maine Cooperative Extension Hancock County office in Ellsworth; and online only 9 a.m.–noon Feb. 5. Attendees also are eligible for up to four farm-coaching sessions at no extra cost, according to the release. The workshop cost is \$15/person or \$25/couple, and includes workbook and refreshments; online session is \$10/person. Registration is online. For more information or to request a reasonable accommodation, contact Angela Martin, 581.3739; angela.martin@maine.edu.

Waller quoted in BDN article on sea squirts

16 Nov 2018

The [Bangor Daily News](#) quoted Rhian Waller, an associate professor at the University of Maine Darling Marine Center, in an article about sea squirts. Sea squirts, or tunicates, are small, tube-like creatures that attach to rocks or other structures and often live in bunched colonies, according to the article. They are growing in number in Maine's shallow coastal waters, but could be pushing native organisms out of their habitat. Some species are considered invasive, even though they may have been in Maine for 100 years or more, the article states. Waller told the BDN that warming water in the Gulf of Maine has contributed to the population growth of sea squirts, which grow and reproduce quickly. "They are becoming more dominant in many ecosystems on the midcoast for sure — especially on lines, docks, pipes and buoys left in the water for any period of time," said Waller. "They basically spread in an ecosystem. The larvae settle fast and grow fast, so [they] exclude other organisms, using up all the space for other organisms to settle." [WGME](#) (Channel 13 in Portland) carried the BDN article.

UMaine helps launch unprecedented national effort to increase college access, equity and degree attainment

16 Nov 2018

The University of Maine is one of 130 public universities and systems nationwide leading a new initiative to increase college access; eliminate the achievement gap for low-income, minority and first-generation college students; and award hundreds of thousands more degrees by 2025. The nationwide initiative, Powered by Publics: Scaling Student Success, was announced Nov. 11 by the Association of Public and Land-grant Universities (APLU) at its annual meeting in New Orleans, Louisiana. Together, the 130 public research institutions participating in Powered by Publics enroll 3 million students, more than a third of whom receive Pell Grants. UMaine and the collaborating institutions will each work in one of 16 clusters of up to 12 universities, concurrently implementing innovative and effective practices to advance student success. UMaine will serve as the lead institution for the "Northern Cluster." Areas of focus include financial aid and student financial literacy, and integration of career advising early in students' academic careers to speed their path to a degree and better prepare them for the workforce. Also key: best practices in monitoring students' academic progress to make institutional, data-informed decisions. Collectively, Powered by Publics institutions will create "a playbook for implementing reforms that advance student success," according to APLU. "UMaine is a student-centered university dedicated to ensuring graduates are prepared to be successful in the workforce," says Joan Ferrini-Mundy, president of the University of Maine and University of Maine at Machias. "UMaine student success includes high-quality teaching and learning connected to cutting-edge research and scholarship, engagement in and out of the classroom, and attention to retention and degree completion in four years. "As a participating member of Powered by Publics, UMaine's efforts in accessibility, equity and completion will be enhanced through this nationwide collaboration that has the potential to transform public higher education. And, the excellent ongoing work underway in Academic Affairs and Student Life addressing these issues will contribute to the thinking of the project." APLU is a Washington, D.C.-based research, policy and advocacy organization dedicated to strengthening and advancing the work of public universities in the United States, Canada and Mexico. Its Center for Public University Transformation oversees Powered by Publics, and will share data and innovative, successful practices to help drive progress and lasting change across public higher education. An APLU [news release](#) and [video](#) about Powered by Publics are online. Contact: Margaret Nagle, 207.581.3745

Crowdfunding efforts underway for new sugar house, international nursing trip

19 Nov 2018

The University of Maine Foundation's crowdfunding platform is designed to empower students, faculty and staff to raise funds for specific projects, events and activities. Through the power of small contributions from a large number of people, Fill the Steins connects the UMaine community to student and campus needs. The most recent campaigns seek funds to build a new sugar house on campus, buy medical supplies for nursing students to bring to Costa Rica and fund study abroad trips. The School of Forest Resources is raising funds to build a [new sugar house](#). Each spring, students and university forest staff tap and collect sap from more than 400 maple trees in the university's sugarbush, and boil it into maple syrup at the Thomas J. Corcoran Sugar House. Last year, more than 250 schoolchildren came to the sugar house to learn how maple syrup is made. Funding will be used to replace the original sugar house, which was built in the 1908s, with a larger structure that will have a concrete floor and meet modern standards. Donations will be used to purchase construction materials such as roofing, windows, doors and fasteners. All lumber for the project is being milled by students at the university forest saw mill. In January 2019, 15 juniors and seniors from UMaine's School of Nursing will [travel to Costa Rica](#) to provide medical services to underserved local residents. They will perform community assessments, provide care and supplies, and develop leadership skills. The students are raising funds to bring supplies such as vitamins, aspirin, bandages and ointments. The mission of UMaine's Nursing International student group is to develop global awareness and gain personal growth as members journey into the nursing profession. Another campaign will benefit the [Global Perspectives for Humanities Explorations Fund](#), which aims to highlight the importance of modern language, cultural exploration and the global exchange of ideas. Through the experience of living and studying in a different country and learning its culture, students have an opportunity to experience the world through a different lens, transcend ideological boundaries and discover innovative ways to approach the challenges they will face as a citizen of our communities, countries and the world. The fund will support students regardless of their major or study abroad destination. Fill the Steins has been an initiative of the University of Maine Foundation since October 2017. Unlike other crowdfunding sites that charge a fee, all donated funds are put toward each cause. More information about the platform and current campaigns is [online](#).

Penobscot Bay Pilot previews Hutchinson Center photography exhibits

19 Nov 2018

The [Penobscot Bay Pilot](#) previewed two photography exhibits to be on display in Belfast at the University of Maine Hutchinson Center's H. Allen and Sally Fernald Art Gallery Dec. 7–March 28. “Kosti Comes Home: An Exhibit of Maritime Images by Maine’s Iconic Photographer Kosti Ruohomaa” will focus on Maine coastal and maritime works, according to the article. “The Alluring and Enduring Maine Coast” is an exhibition of historic island, coastal and working waterfront photography, created as a collaboration with the Maine Photo Project in 2015, the article states. The gallery is open to the public 8 a.m.–7 p.m. Monday–Friday, and admission is free. For more information or to request a reasonable accommodation, contact Nancy Bergerson, 338.8049; nancy.bergerson@maine.edu.

Northern Light Health mentions UMaine in release on digital badging initiative

19 Nov 2018

A [Northern Light Health](#) release about the company’s recent inclusion in a digital badging initiative mentioned the University of Maine. “We have to find ways to not only attract new employees or talent, but we need to make sure the talent is the right fit. So, we became involved in this project with Education Design Lab through our partnership with the University of Maine,” said Elizabeth Keenan, recruiter for Northern Light Health Talent Acquisition. UMaine, Northern Light Health and Bangor Savings Bank are partnering in the first-of-its-kind national initiative #TeeUpTheSkills, intended to bring together schools and employers to work toward closing a skills gap and improving hiring practices, the release states. Students will be able to stand out to employers by earning digital badges for in-demand but difficult-to-quantify skills like problem solving, empathy, communication and resilience, according to Northern Light Health.

MLCA’s Landings reports on Bayer’s retirement

19 Nov 2018

The October 2018 issue (Vol. 26, No. 10) of [Landings](#), the newsletter of the Maine Lobstermen’s Community Alliance, reported on the retirement of Bob Bayer, former director of the Lobster Institute at the University of Maine. Bayer, 74, grew up in New York and earned bachelor’s and master’s degrees in animal science at the University of Vermont before earning his doctorate in animal sciences in 1972 from Michigan State University, according to the article. He then was hired for poultry research and teaching classes in animal science at UMaine. Bayer began his foray into marine sciences while working with a graduate student on his master’s thesis on nutrition for juvenile lobsters, before UMaine’s School of Marine Sciences was established. He credits Sea Grant with much of the support he received for his research, according to the article. At UMaine, he went on to have many achievements in the lobster field, including creating and patenting a vaccine against gaffkemia, or red tail; developing and patenting a method for preserving fresh flavor in frozen lobster for several years; and receiving UMaine’s Presidential Public Service Award for his work in 1988. The Lobster Institute was founded in 1987, and Bayer became director in 1995. “It was a truly innovative way to link lobstermen to scientists and vice versa,” Bayer said. “The problems that presented themselves were always different from day to day. Pollution issues. Contaminants in lobsters in Massachusetts. Now it’s climate change and ocean acidification.” As his 46-year science career comes to a close, Bayer has plans to remain involved in the world of lobster, Landings reported. “I plan to continue to support the Maine Marine Patrol in prosecution of individuals illegally removing eggs from lobster. I will also be working on lobster food product development with a couple of different companies,” said Bayer. “Plus I’m working with Giada Giachino in Milan, Italy, on using lobster shell in her jewelry as a replacement for endangered coral. I wouldn’t say I’m retiring.”

BDN quotes Kanoti in article on wet weather affecting firewood supply

19 Nov 2018

Keith Kanoti, forest manager for the University of Maine School of Forest Resources, spoke with the [Bangor Daily News](#) for the article, “Wet weather dampens this season’s firewood supply.” For firewood, wetness presents a problem from the start, according to the article. In addition to waterlogging the stock once it is stacked, rain compromises the logging conditions themselves, the article states. Saturated soils are extra vulnerable to rutting, whereby heavy logging equipment cuts deep grooves in the forest floor that change the hydrology, physiology and productivity of the site, according to Kanoti. “Soil loses strength when wet,” Kanoti said. “We generally try to harvest timber when it’s frozen or soils are dry.” Kanoti added there always is variability in the weather from one year to another, but he also has taken stock of the wet conditions. “Certainly that would affect people’s ability to get in the woods and harvest timber,” he said. “When it’s wet, you do a lot of damage, and we don’t want to do that.”

Potato variety developed by UMaine available throughout New England, media report

19 Nov 2018

The Associated Press, [Mainebiz](#), [WABI](#) (Channel 5) and [Fiddlehead Focus](#) reported the Caribou Russet potato, developed by the University of Maine, is now available in more stores throughout New England. The Caribou Russet first went to market in the fall of 2016 and has seen its popularity explode in the last two years, according to the Maine Potato Board. Hannaford stores began stocking the variety last year at its Maine stores. This year, more Hannaford stores will carry the Caribou Russet, as well as Stop & Shop stores, making it widely available throughout New England, Mainebiz reported. The potato also was available for the third year at the Maine Harvest Festival in Bangor, WABI and Fiddlehead Focus reported. [Boston.com](#) and [News Center Maine](#) carried the AP report.

Birkel, Mayewski prepare report to help Mainers plan for climate challenges

20 Nov 2018

Mainers can expect significant environmental changes in the next two decades due to increased greenhouse gas emissions and patterns of variability in the climate system, say University of Maine researchers Sean Birkel and Paul Mayewski. And they’ve produced a report — [Coastal Maine Climate Futures](#) — to

provide a base for coastal Maine planners to prepare for a variety of plausible short- and long-term climate challenges in their communities — where fishing, forestry, tourism and agriculture are economic cogs. Birkel is a research assistant professor and the Maine State Climatologist based at the Climate Change Institute (CCI) and Mayewski is a Distinguished Maine Professor and director of the CCI. Maine's coastal climate is strongly influenced by a number of factors that determine short and long-term changes in climate, they say. Key factors include El Nino/Southern Oscillation (ENSO), volcanic eruptions and warming in the Arctic associated with increasing greenhouse gas emissions. ENSO is a particularly important feature as El Nino brings warm/dry conditions and La Nina brings cool/wet conditions to Maine. This pattern of variability oscillates every three to five years. And the three strongest recent El Nino events (1982–83, 1997–98 and 2015–16) occurred approximately 15 years apart. Birkel and Mayewski analyzed historical climate trends, climate–commodity connections and sources of climate variability that affect Maine to put forth five plausible climate scenarios for 2020–2040. The scenarios: no additional change to the current “new normal”; moderate warming; another abrupt Arctic warming and even greater Arctic sea ice collapse; cooling from increased volcanic activity; and drying from more frequent and extreme El Nino events. “Global climate models are well suited for simulating long-term trends under different greenhouse-gas emission pathways, but they do not necessarily resolve regional variability enough to make actionable projections only a few years out,” says Birkel. “That’s where plausible scenarios based on the historic record come in.” The coastal region already is experiencing more intense rain events, a longer growing season and increasing temperature extremes, say the researchers. Since January 1895, the average annual temperature across coastal Maine has increased about 3 degrees Fahrenheit, and total annual precipitation has increased about 6 inches. Three of the state’s coastal commercial crops — blueberry, apple and cranberry — can be positively and negatively affected by a changing climate. The average growing season since 2000 has increased by about two weeks in comparison to the 20th century mean. August and September temperatures also have warmed 2–3 degrees Fahrenheit. While a longer growing season is beneficial to most crops, there are negative impacts of the changing weather, say Birkel and Mayewski. These include northward migration of pests, extreme rainfall events and more frequent “blocking” patterns in the atmosphere that increase the likelihood of heat waves and drought. And in the Gulf of Maine, where the sea surface temperature has warmed about 3 degrees Fahrenheit since 1895, circumstances have changed dramatically for lobster and cod. Other studies have indicated the cod fishery collapsed primarily due to overfishing. But ensuing recovery efforts have not rebuilt the population, as waters in the Gulf of Maine have warmed above the temperature range which cod can tolerate. Lobster abundance, though, has increased fourfold since the late 1980s largely in connection to warming waters. Birkel and Mayewski found that increased temperatures in the Gulf of Maine correlate with stronger surface winds in the summer that drive more warm water from the Gulf Stream into the Gulf of Maine. Changes in atmospheric patterns spanning the Arctic and North Atlantic also are associated with an increase in summer precipitation, especially from 2005 to 2014. Annual blueberry yield, though strongly impacted by mechanization and other factors, correlates with changes in this large-scale circulation, say Birkel and Mayewski. The researchers utilized the CCI’s online data tools, including the [Climate Reanalyzer](#) and [Maine Climate Office](#) websites, to produce the 29-page Coastal Maine Climate Futures document. The report was made possible by support from the Russell Grinnell Memorial Trust. Stakeholders also are invited to utilize the tools to understand the past and glean insights into possible climate futures. Contact: Beth Staples, 207.581.3777

UMaine Extension publications offer Thanksgiving food safety tips

20 Nov 2018

The University of Maine Cooperative Extension offers information and tips to safely enjoy Thanksgiving. Resources serve to educate readers on how to select, thaw and cook a turkey, as well as how to safely handle and prepare other food. Seasonal publications also include how to make wreaths, preserve cranberries and heat a home efficiently. Visit the UMaine Cooperative Extension [Publications Catalog](#) for bulletins including:

- [Helpful Hints on Handling Turkeys for Thanksgiving](#)
- [Basics for Handling Food Safely](#)
- [General Food Safety Tips for Preparing Food](#)
- [Balsam Fir Tip Harvesting](#)
- [Making Balsam Fir Wreaths](#)
- [Maine Home Energy Series](#)
- [Cranberries](#)
- [Let’s Preserve: Cranberries](#)

Information about safe turkey handling also is available on the [Facebook](#) page of Eat Well, UMaine Extension’s volunteer food and nutrition education program.

Press Herald reports on UMaine surplus

20 Nov 2018

The [Portland Press Herald](#) reported better-than-expected investment income, cost-cutting and an increase in tuition revenue from out-of-state students helped put an extra \$15 million into the University of Maine System in the past fiscal year, according to system officials. The University of Maine, the system’s flagship campus, saw higher-than-expected revenue from out-of-state students, contributing to a \$3 million surplus, most of which the campus invested in capital expenditures and reserves, the article states. [Sun Journal](#) also published the Press Herald article.

Finalists named for Dean of Undergraduate School of Business

21 Nov 2018

The search committee for the University of Maine Dean of Undergraduate School of Business will welcome four finalists to campus. Members of the campus community are invited and encouraged to attend the following presentations:

- Erin Steffes, 1–1:45 p.m. Nov. 27 in Memorial Union, Bangor Room
- Faye Gilbert, 2:15–3 p.m. Nov. 28 in Memorial Union, Bangor Room
- Catherine McCabe, 2:15–3 p.m. Nov. 29 in Memorial Union, Bangor Room
- Michael Johnson-Cramer, 1:30–2:15 p.m. Nov. 30 in Stodder Hall, Room 57

Information on the search and candidates, as well as a link to provide feedback, will be available [online](#). The deadline for feedback to be received is Dec. 3.

For more information or questions, contact Dianne Avery at diannea@maine.edu.

Coach Harasymiak named finalist for national award, media report

21 Nov 2018

The [Portland Press Herald](#), [Bangor Daily News](#) and [92.9 FM The Ticket](#) reported University of Maine head football coach Joe Harasymiak has been named a finalist for the Eddie Robinson Award, given annually to the national coach of the year in the NCAA Football Championship Subdivision. Harasymiak, in his third year at the helm of the Black Bears, guided UMaine to its first outright Colonial Athletic Association championship since 2013. After being selected eighth in the CAA preseason poll, the team posted an 8-3 overall record and 7-1 league record, the BDN reported. The Eddie Robinson Award will be presented at the STATS FCS awards banquet on Jan. 4 in Frisco, Texas, site of the national championship game. Fifteen coaches were named finalists on Monday, according to the reports. “It is extremely humbling to be in the same conversation as all of these great coaches,” Harasymiak said. “The only reason this happened is because of the great coaches and players I get to be around every day.” In addition, UMaine senior linebacker Sterling Sheffield was named one of 25 finalists for the Buck Buchanan Award given to the best defensive player in the FCS ranks, the BDN article states. The [Sun Journal](#) also published the Press Herald article.

Down East magazine interviews Gill about her favorite place: Gorham Mountain

21 Nov 2018

[Down East](#) magazine interviewed University of Maine paleoecologist Jacquelyn Gill for its “My Favorite Place” story. For Gill, that’s Gorham Mountain in Acadia National Park. The story notes that the Vermont native first fell in love with Acadia on an eighth-grade field trip, and as an undergraduate at the College of the Atlantic, the park was her classroom and laboratory. Today, Gill is part of iSWOOP — Interpreters and Scientists Working on Our Parks. “Most people don’t think of a park as a laboratory, but tons of research happens there,” says Gill, whose research focuses on ecological change and disturbance. “So it’s just a great opportunity to show people not only how the park works and how the natural systems operate, but also that Acadia is an active place — it’s not just some sort of preserved snapshot.”

News Center Maine interviews Rheingans for feature on women in computing

21 Nov 2018

Penny Rheingans, director of the School of Computing and Information Science at the University of Maine, spoke with [News Center Maine](#) for the report, “Closing the gap: Women in computing.” Nationally and in Maine, there is a trend showing fewer women are going to college for computer science degrees, according to the report. The reason for the gap, according to Rheingans, is mainly about perception. She said there have been fewer female role models in advertising and fewer chances given to women in grade school. Organizations such as the National Center for Women and Information Technology are working to change those perceptions, News Center Maine reported. “It’s a really exciting time for computing right now because the ways in which computing can influence the world, the ways in which computing can be a tool for doing good are so much more abundant now and so much clearer that there is a power in that that counterbalances this pressure, this societal image of, ‘You don’t want to be a geek,’” Rheingans said. “You can take that, you can own it and you can change the world with it, and that’s really powerful.”

UMAA exhibition profiled in Maine Home + Design

21 Nov 2018

The December issue of [Maine Home + Design](#) includes a profile of the University of Maine Museum of Art exhibition “So Real: Selections from the Museum Collection.” The magazine’s “Showcase” story highlights the realism depicted in the “extreme commitment to detail and the portrayal of real-life events” of the works by painters, woodcarvers and embroiderers. The exhibit runs through Dec. 29.

CCAUE donations accepted through Dec. 14

26 Nov 2018

The 2018 Combined Charitable Appeal for University Employees (CCAUE) is now underway. Faculty and staff are encouraged to consider contributing through Dec. 14. Online donations may be made by payroll deduction, debit or credit card. Assistance will be available in Wells Conference Center outside each upcoming Strategic Vision and Values forum — 1–2:30 p.m. Nov. 29; 3:30–5 p.m. Dec. 6; and 3–4:30 p.m. Dec. 10 — where checks also will be accepted. “The Combined Charitable Appeal is an opportunity to have a significant impact,” says Monique LaRocque, UMaine’s 2018 campaign chair. “As the flagship campus, I hope we can increase participation this year and show leadership in this important statewide effort.” More information about the CCAUE campaign is available [online](#) and by contacting LaRocque at 581.3113 or mlarocque@maine.edu.

NOAA biologist to discuss use of environmental DNA in aquaculture science

26 Nov 2018

The University of Maine Aquaculture Research Institute will host Yuan Liu, a biologist with the National Oceanic and Atmospheric Administration, Nov. 27 as part of the 2018–2019 SEANET Speaker Series. Liu will speak about “Application of Environmental DNA (eDNA) Metabarcoding in Aquaculture Science,” 11 a.m.–noon in Norman Smith Hall, Room 107. The talk is free and open to the public. For more information or to request a reasonable accommodation, email Meggan Dwyer, meggan.dwyer@maine.edu. Liu received her Ph.D. in marine science from Stony Brook University in 2012. Since 2015, she has worked as a biologist at NOAA’s Northeast Fisheries Science Center lab in Milford, Connecticut. Liu uses DNA-based molecular techniques to examine community structure, biodiversity and the interactions between aquatic organisms and their living environment. Using high throughput sequencing on partial mitochondrial rDNA amplicons from aquatic environmental DNA (eDNA) samples, Liu is investigating finfish communities associated with different oyster farming techniques. The research will provide scientific evidence to evaluate the ecosystem service provided by aquaculture gear.

The Maine Edge publishes UMaine release on Ranasinghe's Vocktail invention

26 Nov 2018

[The Maine Edge](#) published a University of Maine news release on the augmented reality Virtual Cocktail invention developed by Nimesha Ranasinghe, a new assistant professor in the School of Computing and Information Science at the University of Maine. The Virtual Cocktail, or Vocktail, is a device connected to a mobile app that allows the user to adjust the amplitude and frequency of a tiny electric current running through the rim of a glass of water to simulate salty or sour flavors, according to the release. The colors and smells also can be adjusted to customize the beverage experience using the device developed at the National University of Singapore. Ranasinghe said virtual reality and augmented reality are like "TV in the '50s," since there are so many possible applications. His research is focused on expanding these opportunities, and he hopes this invention will help people on diets restricting salt, sugar and other ingredients enjoy the same flavors without the health risks, the release states.

AP quotes Humphrey in article on tiny satellites

26 Nov 2018

The Associated Press quoted Dana Humphrey, dean of the College of Engineering at the University of Maine, in the article, "Group envisions Maine's former air bases as spaceport for tiny satellites." The group behind the project is proposing to use the former Loring Air Force Base in northern Maine and the more coastal former Brunswick Naval Air Station to launch CubeSat nanosatellites, according to AP. The project has been awarded \$50,000 from the Maine Technology Institute, and more than \$88,000 from the Maine Space Grant Consortium, and is in the stages of investigation and determining the feasibility of the proposed outcomes. Currently the team is investigating the level of interest from the private sector. Humphrey, who is a member of the project's committee, said one possible advantage is that the mission control and launch facilities are 300 miles apart. The mission control facility could be an economic development hub, while the launch facility would be far enough away that it wouldn't encounter too much public resistance, the article states. "When it goes up in the air, you want it to go up in the air without going over a major population center, and that's what we've got at Loring," said Humphrey. [The Journal Tribune](#), [The County](#) and [The Maine Edge](#) carried the AP article.

BDN mentions on-campus holiday events at UMaine

26 Nov 2018

The [Bangor Daily News](#) included several on-campus holiday events at the University of Maine in a roundup of holiday events in eastern Maine. According to the BDN, the Page Farm and Home Museum at UMaine is hosting wreathmaking workshops led by museum director Patricia Henner. Cost is \$20 and includes all materials; upcoming workshops run from 11 a.m.–1 p.m. and 3–5 p.m. Nov. 27 and 29. Spots are limited; call 581.4100 to register. The annual Maine Indian Basketmakers Holiday Market will be held at the Hudson Museum in the Collins Center for the Arts from 9 a.m.–3 p.m. Dec. 8. The event includes music, dancing, storytelling, a fashion show and the chance to purchase items made by Wabanaki artists, the article states. The Collins Center also will host three performances of "The Nutcracker" with Robinson Ballet and the Bangor Symphony Orchestra. Performances are 2 and 7 p.m. Dec. 15 and 3 p.m. Dec. 16, the BDN reported.

WABI announces Master Gardener Volunteers program accepting applications

26 Nov 2018

[WABI](#) (Channel 5) announced University of Maine Cooperative Extension's Master Gardener Volunteers program is now accepting applications for 2019. Kate Garland, a horticultural professional with UMaine Extension, told WABI the program is for both experienced gardeners and newcomers. The program will meet once a week from Feb. 26–May 21 at the UMaine Extension Penobscot County office, 307 Maine Ave., Bangor from 5–8:30 p.m. Some sessions will meet on the UMaine campus, and one location will be available in Piscataquis County, according to WABI. Trainees also are expected to complete 40 hours of volunteer service outside of program hours, and will be connected with service projects through the program. The application deadline is Jan. 3, WABI reported. The program fee is \$220; financial assistance is available. More information is available [online](#) or by calling 942.7396.

AP advances Maine Indian Basketmakers Holiday Market

26 Nov 2018

The Associated Press advanced the annual Maine Indian Basketmakers Holiday Market at the Hudson Museum at the University of Maine on Dec. 8. Maine Indian artists will showcase basketmaking, storytelling, music and dance, the report states. This is the largest gathering of Maine Indian artists in New England, including members of the Penobscot, Passamaquoddy, Micmac and Maliseet nations. [WABI](#) (Channel 5) and The News Tribune carried the AP report.

Miner discovers DDT in remote Alaska glacier and meltwater

26 Nov 2018

The perception of glacial water as cold and pristine isn't reality, says Kimberley Miner. At least the pristine part. The research assistant professor with the University of Maine Climate Change Institute found pesticide pollutants — including the insecticide DDT — in a remote Alaskan glacier and its meltwater. Pesticides that contain organochlorine compounds (OCPs) are banned in many countries because exposure can result in fatigue, headache, nausea, blurry vision, tremors, confusion, cancer, coma and death. Miner says the DDT deposited and stored near the surface of Jarvis Glacier in interior Alaska likely was transported there in the atmosphere from Asia, where it's still used to try to prevent malaria. Miner, who earned her Ph.D. in Earth and Climate Sciences at UMaine, says other glaciers in the Eastern Alaska Range also likely store these legacy OCPs. In 2015 and 2016, meltwater from Jarvis Glacier contributed 15 percent and 28 percent, respectively, of the annual runoff to the Jarvis Creek watershed, which feeds the Delta, Tanana and Yukon rivers. It's likely that as the region warms other Alaskan glaciers also are releasing these atmospherically deposited pollutants into the ecosystem, says Miner, who's also a research fellow with the Center for Climate and Security and a physical scientist at the Army Geospatial Research Laboratory in Virginia. While concentrations of the toxins in the glacier and meltwater are low, Miner says the opportunity for bioaccumulation of the pollutants in animals and fish may increase as glacial melt

continues. And she says people in the Arctic who eat fish exclusively from local streams could face potential health impacts. The findings — [“Organochlorine Pollutants within a Polythermal Glacier in the Interior Alaska Range”](#) — were published in August in the journal *Water*. The findings include the first data on OCPs in an Alaskan alpine glacier. “Emergent pollution from melting glaciers is one of the lesser-known consequences of climate change that represents an area of critical research importance,” writes Miner. “Though OCPs are only one contributor to emergent pollution within glacial ecosystems, they form part of a greater picture of the long-term fingerprint humans have left on even the most remote locations.” UMaine researchers who participated in the research include Karl Kreutz, Seth Campbell, Christopher Gerbi, Brian Perkins and Steven Bernsen. Anna Liljedahl and Tiffany Gatesman of the University of Alaska Fairbanks and Therese Anderson of Husson University also participated. Contact: Beth Staples, 207.581.3777

Studies look at Pacific sea surface temperature to predict ice-out dates for Maine lakes

26 Nov 2018

Warming and cooling of tropical Pacific sea surface waters in the fall and winter can help predict the timing of spring ice-out dates in lakes across Maine and the North American region, according to recent studies by University of Maine researchers. The ability to predict the timing of lake ice out at least a season ahead can inform a range of concerns, from lake ecosystem and water quality studies to community events, such as ice fishing derbies. An unusually short ice-cover season has the potential to affect the stability, health and function of lake ecosystems, according to Mussie T. Beyene, who is completing doctoral studies in civil and environmental engineering at UMaine. Since winter weather conditions affect the lake ice-cover period, Beyene aims to offer ways in which climate information may be used to assess changes in North American lakes at least a season ahead. The research is the focus of two recently published journal articles by Beyene and Shaleen Jain, an associate professor of civil and environmental engineering at UMaine. Climate studies have shown the El Niño-Southern Oscillation (ENSO), a periodic see-saw in tropical Pacific sea surface temperature and pressure, affects North American winter weather, according to Beyene. In previous research, Beyene and Jain determined the presence of seasonal winter temperature thresholds that engender unusually early and late ice-out dates — when winter ice completely disappears from the water’s surface — in Maine lakes. The researchers also looked at the role of regional North American atmospheric circulation patterns associated with El Niño, or the warm phase of ENSO, in promoting warmer winters, which produce early lake ice-out dates in Maine. An important predictor for spring ice-out dates is the accumulated freezing and melting degree days — the sum of temperatures below and above the freezing of water, 32 degrees Fahrenheit. In the pair’s most recent paper published in *Water Resources Research*, they examined the role of winter accumulated freezing and melting degree days and other meteorological variables, such as snowfall, on ice-out dates in Maine lakes. Working with Ramesh Gupta, the Trustee Professor of mathematics and statistics at UMaine, they developed a linear-circular regression framework to model the effects of the seasonal meteorological variables on lake ice phenology. The researchers found the magnitude and variance of spring temperatures explain more than half of the total variability in spring ice-out dates for Maine lakes. The relationship between spring snowfall and the timing of spring ice-out dates is the strongest in northern interior Maine lakes and the effect of winter snowfall on ice-out dates is significant mostly in coastal Maine lakes. However, the role of winter accumulated freezing and melting degree days in determining the ice-out dates in Maine lakes was found to be significant across all climate regions, according to the researchers. Current research shows the effect of ENSO events on North American winter climate varies depending on the location and amplitude of tropical Pacific sea surface warming and cooling. In a paper recently published in the *International Journal of Climatology*, Beyene and Jain examined the role of different El Niño conditions on eight North American lake ice-out dates and developed a risk analysis approach to assess the likelihood of early ice out. For some lakes, warming patterns in the eastern tropical Pacific were associated with almost twice the risk of early ice out. “The National Oceanic and Atmospheric Administration provides an outlook of the winter ENSO state, sometimes six months ahead,” Beyene says. “By determining the winter accumulated freezing degree day thresholds that produce early ice-out dates in lakes, we can use our winter accumulated freezing degree day models that incorporate ENSO indices as predictors to estimate the likelihood of an early or late ice-out date a season ahead. We believe that numerous lake-related research and activities in Maine and elsewhere stand to benefit from these forecasts.” The research was partially supported through the National Science Foundation sponsored by Maine’s Sustainable Solutions Initiative — a five-year project led by David Hart at UMaine’s Senator George J. Mitchell Center for Sustainability Solutions. Contact: Elyse Catalina, 581.3747

Retirement celebration for Stokes Nov. 29

27 Nov 2018

Members of the University of Maine community are welcome to attend a retirement celebration for Martin Stokes, a professor of animal and veterinary sciences in the School of Food and Agriculture. The celebration will be held 4–5:30 p.m. Nov. 29 in Wells Conference Center, Room 3. For more information, contact Karen Cliff at 581.2947.

Hutchinson Center to offer restorative practices certificate program

27 Nov 2018

The University of Maine Hutchinson Center will offer a six-session program on restorative practices beginning Nov. 30 and Dec. 1. Other sessions will take place in 2019 on Jan. 11, Feb. 8, March 8 and April 26. All sessions are from 9 a.m.–4 p.m. The focus of the program is the restorative approach, which emphasizes the importance of creating a positive, healthy school climate based on empathy, trust and respect. Research-based restorative practices are currently used in several Maine schools, juvenile correction facilities and youth-serving organizations. The program, led by professionals Carrie Sullivan and Sarah Matari, will benefit participants from a variety of fields including primary, secondary and post-secondary education; social work and family services; corrections; criminal justice and policing; nonprofit organizations; health care; and community development. The cost of the program is \$600 per person for six sessions and includes materials, a light breakfast and catered lunch. A limited number of need-based scholarships are available. Participants will receive a certificate in restorative practices and 4.2 continuing education units (CEUs)/42 contact hours upon completion of the program. Registration is [online](#). For more information or to request a reasonable accommodation, contact Diana McSorley, 338.8093; diana.mcsorley@maine.edu.

Phys.org carries UMaine release on ice-out study by Beyene, Jain

27 Nov 2018

[Phys.org](#) carried a University of Maine news release about a study on predicting spring ice-out dates in lakes across Maine and the rest of North America, led by Mussie T. Beyene, a doctoral student in civil and environmental engineering at UMaine, and Shaleen Jain, an associate professor of civil and environmental engineering at UMaine. Using data on warming and cooling of tropical Pacific sea surface waters in the fall and winter, and accumulated

freezing and melting days, can help predict ice-out dates, according to the release. Predicting the timing of ice out on a lake can inform a variety of issues from lake ecosystem and water quality studies to community events, the release states. Ramesh Gupta, the Trustee Professor of mathematics and statistics at UMaine, also collaborated on the study.

WABI reports UMaine groups volunteered at Phillips-Strickland House

27 Nov 2018

[WABI](#) (Channel 5) reported groups from the University of Maine volunteered at the Phillips-Strickland House, an independent and assisted-living facility in Bangor, to decorate for the holidays and visit with the residents. UMaine student-athletes and members of the Maine Business School (MBS) Corps volunteered to spend time with the residents, many of whom are missing family, homes and traditions, according to WABI. "It feels nice that I can give back to people and help spread the holiday cheer," said Megan McGillivray, a student-athlete at UMaine. "I'm away from home, too. It's nice because it reminds me of being at home and doing it with my grandparents," she said. "I don't get to see my grandparents all the time," said Noelle Hanna, a student with MBS Corps. "It's nice to sit down and talk to people, hear about their stories, hear about where they came from, and just hear about their life and their experiences."

Witham, Hunter interviewed for Press Herald feature on Holt Research Forest

27 Nov 2018

The [Portland Press Herald](#) interviewed Jack Witham, an associate scientist in the University of Maine School of Forest Resources, and Malcolm Hunter, a professor of wildlife ecology at UMaine, for the article, "Seeing the forest for the trees at the Holt Research Forest in Arrowsic." A research center currently funded by the Maine Timber Research and Environmental Education (TREE) Foundation, the forest has been studied since 1983 but appears relatively untouched despite that, the article states. "It is definitely the most intensely studied forest in Maine," said Hunter. "And it depends on what you measure, but it is also one of the most intensively studied in the world." For example, a colleague of Hunter's from China is using small mammal data from the forest, and will visit early next year to work on a paper. "He is not coming because he wants to come to Maine in February. He is coming because this data is unlike any other in the world. We have one of the best understandings in the world of how small mammals interact with seed production of trees," said Hunter. While Witham denies popular myths about his knowing the name of each of the 32,000 trees in the forest, he agrees that he's probably touched them all. Witham has conducted research in the forest for 36 years, at one point even living in a cabin on the land, according to the article. "I used to say you could blindfold me and drop me down anywhere in the forest, and I would be able to tell you exactly what block I was in," said Witham. He interviewed for the job while doing research at UMaine on spruce budworm spraying, and remembers being asked if he was willing to commit for eight years. "At that point in my life I just laughed," Witham said. "Eight years? Are you kidding me? Here I am, 36 years later." The land was used for agricultural purposes from late 1600s to 1940s, then purchased by Bill and Winifred Holt, who planted white pines in the old farmland and later sold the land to UMaine, establishing an endowment for long-term research in the forest, the Press Herald reported. The land has been in possession of the Maine TREE Foundation for the past four years. Numerous research projects over the years have contributed to greater understanding of the forest and the role it plays in yielding information about Maine and the natural world. "You can count us as very lucky that we've had almost 40 years there," said Hunter. "I do fear that our luck might run out." Now that funding from the Holt family is gone, the Maine TREE Foundation is looking for other avenues to expand on the research that has been the core of the forest's experience for so long. The foundation is considering implementing more educational opportunities, according to the article.

UMaine football pep rally set for noon Nov. 29

28 Nov 2018

A pep rally for the Black Bear football team begins at noon Thursday, Nov. 29 in the Memorial Union at the University of Maine. The Pride of Maine Black Bear Marching Band, UMaine Dance Team and cheerleaders will perform in the atrium outside the UMaine Bookstore, while speakers including UMaine President Joan Ferrini-Mundy and head football coach Joe Harasymiak will fire up the crowd as the Black Bears move toward their NCAA Football Championship Subdivision (FCS) Playoff Second Round matchup with Jacksonville State. That game is set for noon Saturday, Dec. 1 at Alford Stadium. The Black Bears, who earned the No. 7 seed in the upcoming NCAA FCS Playoffs, will host their second-ever NCAA Playoff game when they meet Jacksonville State. Tickets for the Second Round game are on sale now and can be purchased online, by phone at 207.581.BEAR or by visiting the Alford Arena Box Office.

UMaine Extension to offer Produce Safety Alliance grower training in three locations

28 Nov 2018

University of Maine Cooperative Extension will offer the Produce Safety Alliance (PSA) grower training in three counties beginning Nov. 30. Dates vary; all trainings will be held 9 a.m.–6 p.m. The training is open to Maine residents only. The course provides a foundation for farm food safety best practices and coordinated management information, Food Safety Modernization Act requirements, and details on developing a farm food safety plan. The workshops are offered in collaboration with the Maine Department of Agriculture, Conservation and Forestry, and AgMatters LLC.

- Nov. 30 (snow date Dec. 7), UMaine Extension Androscoggin-Sagadahoc Counties, 24 Main St., Lisbon Falls. Register online by Nov. 23.
- Jan. 8 (snow date Jan. 11), UMaine Extension Penobscot County, 307 Maine Ave., Bangor. Register online by Jan. 7.
- Feb. 8 (snow date Feb. 15), Maine Organic Farmers and Gardeners Association, 294 Crosby Brook Road, Unity. Register online by Feb. 1.

The \$20 fee includes a training manual, PSA course completion certificate, lunch and snacks. Enrollment is limited to 28 attendees per location. For more information or to request a reasonable accommodation, contact Theresa Tilton at 942.7396; theresa.tilton@maine.edu.

The Republican Journal mentions UMaine in article on Early College for spring 2019

28 Nov 2018

[The Republican Journal](#) mentioned the University of Maine in a report on the University of Maine System's Early College program offerings for spring 2019. The system partners with the Maine Department of Education to waive tuition for qualified high school students in Maine to take up to 12 college credits per

year, with more than 70 courses available. Beginning Jan. 22, eligible students will be able to take courses taught by UMaine faculty on the UMaine campus, at the UMaine Hutchinson Center in Belfast or online, according to the article. Registration is open [online](#) through Jan. 25. For more information about the application process, contact Allison Small, 581.8004; allison.small@maine.edu.

News Center Maine reports on Miner's glacier research

28 Nov 2018

[News Center Maine](#) reported on the discovery of pesticide pollutants in a remote glacier and its meltwater by Kimberley Miner, a research assistant professor at the University of Maine Climate Change Institute. Miner led a team of researchers that analyzed ice core and meltwater samples from the Jarvis Glacier in Alaska and compiled the first data on organochlorine compounds (OCPs) in an Alaskan alpine glacier, News Center Maine reported. Concentrations of the pollutants are low, but they could be absorbed by more animals as the glacier continues to melt. People living in the area who rely on fish from local streams could face health impacts, according to Miner. "Though OCPs are only one contributor to emergent pollution within glacial ecosystems, they form part of a greater picture of the long-term fingerprint humans have left on even the most remote locations," said Miner. Pesticides containing OCPs are banned in many countries because they can cause negative side effects ranging from fatigue and headache to death, the article states. The DDT in the Jarvis Glacier was likely transported through the atmosphere from Asia, where it is used to prevent malaria, Miner said. The research team also included UMaine researchers Karl Kreutz, Seth Campbell, Christopher Gerbi, Brian Perkins and Steve Bernsen; University of Alaska Fairbanks researchers Anna Liljedahl and Tiffany Gatesman; and Husson University researcher Therese Anderson, News Center Maine reported.

WVII interviews Birkel about new UMaine climate report

28 Nov 2018

[WVII](#) (Channel 7) interviewed Sean Birkel, a University of Maine research assistant professor and Maine State Climatologist, about the Coastal Maine Climate Futures Report he recently released in collaboration with Paul Mayewski, director of the Climate Change Institute at UMaine. The researchers used weather data dating back to 1895 to track climate change throughout Maine's history and make predictions of "plausible climate scenarios for the next 20 years," Birkel told WVII. The average coastal temperature in Maine and sea surface temperature have both increased by 3 degrees since January 1895, and rainfall has increased by about 6 inches, the report states. Melting of the polar ice cap due to greenhouse gas emissions and increases in frequency of El Nino warm and dry weather conditions are key factors in Maine's warming trend, WVII reported. The pair hopes the report will inform people in Maine about the reality of climate change and how it can affect them, and that they will take this into consideration when planning for the near future. "Climate change and the prospect for difficult times in the future in adapting to rising sea levels and more extreme storms, it can be overwhelming and I think a lot of people feel that," said Birkel. "I think there are many positive steps we can take at the local level, at the very least making sure we are prepared."

Important update on UMaine emergency communication alerts

29 Nov 2018

The University of Maine and the other campuses in the University of Maine System are changing emergency communication service providers. The first test of the new system will be Nov. 29 after 11 a.m. to all current UMaine emergency communication subscribers. If you are a subscriber and do not receive the test alerts by mid-afternoon today, go [online](#) to re-enroll. For members of the UMaine community already receiving emergency communication, your existing preferences for alert delivery — text, email and/or voice — have been transferred to the new system. For those with @maine.edu addresses, updates to your preferences can be made and new subscriptions added in the UMaine portal under the UMaine Quick Links section. Current subscribers without a @maine.edu address needing to update preferences, or those with non-@maine.edu addresses wishing to receive UMaine emergency alerts, can do so [online](#). A list of frequently asked questions about the new UMaine emergency communication is [online](#). For more information, email mike.kirby@maine.edu or nagle@maine.edu.

Study looks at ecological traps to minimize human risk of mosquito-borne pathogens

29 Nov 2018

Ecological traps have the potential to effectively control pest species and inhibit the spread of infectious diseases, according to a University of Maine researcher. A recently published study led by Allison Gardner, an assistant professor of arthropod vector biology at UMaine, provides new insights into how ecological traps, which occur when organisms show preference for low-quality habitats over other available high-quality sites, happen in nature and a proof-of-concept for an attract-and-kill tool for mosquito control. Mosquito-borne diseases exact a toll on human health around the world. Adult mosquito abundance is considered among the most important predictors of humans' exposure to mosquito-borne pathogens, according to Gardner. Within recent decades, mosquito management strategies that rely exclusively on insecticide use in aquatic larval habitats have fallen short, Gardner says, due to the evolution of insecticide resistance in mosquitoes, impacts of insecticides on other species, and perceived and actual risks regarding the environmental and public health safety of insecticides. "The abundance of mosquitoes in aquatic habitats and the efficacy of conventional insecticides for juvenile mosquito control are strongly influenced by variables such as rainfall, water chemistry, and the species and structure of terrestrial vegetation in the surrounding environment," Gardner says. "This suggests that ecologically based strategies could complement insecticide use for environmentally safe and sustainable mosquito abatement." In an article published in the Proceedings of the Royal Society B, Gardner explores the use of ecological traps to control mosquitoes. "Discovery and exploitation of a natural ecological trap for a mosquito disease vector" was co-written by Ephantus Muturi, a research entomologist with the United States Department of Agriculture's Crop Bioprotection Research Unit, and Brian Allan, an associate professor of entomology at the University of Illinois at Urbana-Champaign. The mechanisms generating ecological traps could provide tools for creating traps that are more effective in controlling pest species compared to conventional approaches such as insecticide use. The attract-and-kill concept has been used for decades to control agricultural and forest pests but remains underexplored for mosquitoes, the researchers say. The team's previous research identified leaf litter from common blackberry as a natural ecological trap for *Culex pipiens*, a species of mosquito that transmits West Nile virus in the United States. The leaf litter attracts mosquitoes, causing them to lay eggs in habitats that are detrimental to the survival of their larvae. In the study, the team demonstrated that manipulation of leaf litter in stormwater catch basins, which provide important breeding grounds for mosquito disease vectors in urban environments, can increase the rate in which *Cx. pipiens* lay eggs, or oviposit, but reduce survival. A series of experiments suggests that oviposition site selection by *Cx. pipiens* is mediated primarily by chemical cues as leaves decompose. However, the study also shows that juvenile mosquito survival mainly is related to the suitability of the bacterial community in the aquatic habitat

for mosquito nutritional needs, which does not appear to create a cue that influences oviposition choice. The mismatch between oviposition cues and drivers of larval habitat quality may account for the ecological trap phenomenon detected in the study, according to the researchers. The findings demonstrate that certain leaf litter types offer potential for the development of novel mosquito control strategies. Results suggest mosquito abatement may be enhanced by using oviposition attractants to lure females to lay eggs in habitats unsuitable to the survival of larvae, potentially increasing the effectiveness of control efforts by wasting female production and reducing juvenile survival. The researchers recommend future research to assess the duration of success of leaf litter-derived attractants and toxins, including whether the ecological trap treatment continues to attract mosquitoes and whether its detrimental effect may diminish over time, as well as potential dose-dependence of the attractant properties of leaf detritus. Contact: Elyse Catalina, 581.3747

Social media spotlight: Emily Blackwood

29 Nov 2018

Hometown: Auburn, Maine Emily Blackwood, a quaternary and climate studies master's student, received her bachelor's degree in anthropology from UMaine in 2015. This past summer she traveled to Peru to excavate and gather information from an archaeological site with UMaine faculty members Daniel Sandweiss, Alice Kelley and Paul "Jim" Roscoe, as well as Bangor attorney Jim Munch, and Gloria Lopez Cadavid of CENIEH (Centro Nacional de Investigación sobre la Evolución Humana). The site, known as the Ostra Collecting Station, has been dated at ~6,000 years old. "I developed a protocol and methodology to collect data to reconstruct the site in virtual reality to create a visual representation of what the site looked like while it was in use. Archaeological data are often difficult to visualize mentally due to the vast quantities collected, but reconstructing a simulated virtual environment of the site pulls all the information together in one place. The data we collected will be used to reconstruct the site in terms of use and spatial layout, which will allow us to analyze different perspectives of the site without having to be there physically. This type of research also creates a preserved archive of the site that is accessible to other researchers and the public alike. Most importantly, virtual reality provides a platform to share archaeological research and discovery with the world. This research is part of the Interdisciplinary Ph.D. program, in which I plan to continue after defending my master's thesis by the end of the semester. I'm lucky enough to be able to work in a discipline where I love what I do; my research allows me to be outside, to travel the world and to transfer knowledge back to society about our shared collective past. Fieldwork is arguably the best part — as you dig through the layers of time you're gaining a glimpse into past ways of life. Come wintertime you can find me at Sugarloaf thoroughly enjoying the snow. UMaine has allowed me to find my passion and the VEMI Lab (through which I have my assistantship) has fostered and supported my pursuit of continued education." See posts featuring Blackwood on UMaine's [Facebook](#), [Instagram](#) and [LinkedIn](#) pages.

Second annual Cattlemen's College starts Nov. 30

29 Nov 2018

University of Maine Cooperative Extension and the Maine Beef Producers Association will offer the second annual Cattlemen's College Nov. 30–Dec. 1 in Charleston and Orono. The event begins with a live, low-stress stockmanship demonstration, 2–4 p.m. Nov. 30, at Maple Lane Farms, 224 Upper Charleston Road in Charleston, followed by a barbecue dinner at 5 p.m. in Garland. The Orono session begins at 8 a.m. Dec. 1 in UMaine's Wells Conference Center. Topics include pasture and grass-fed nutrition, low-stress cattle handling, and beef import and export markets. The keynote speaker will be Dean Fish, certified trainer for the National Cattlemen's Beef Association. Presenters include Anne Lichtenwalner, UMaine Extension veterinarian and director of the UMaine Animal Health Lab; and Cindy Kilgore, Maine Department of Agriculture, Conservation and Forestry livestock specialist. The \$25 fee for MBPA members/\$35 nonmembers includes lunch; barbecue is \$20. For more information or to request a reasonable accommodation, contact Melissa Babcock, 581.2788; melissa.libby1@maine.edu. More information also is available online.

CUInsight reports Black Bear Exchange added to campaign to end hunger

29 Nov 2018

[CUInsight](#) reported the Black Bear Exchange, the University of Maine's food pantry and clothing exchange, has been added to the University Credit Union's Ending Hunger on Campus in Maine campaign. The Black Bear Exchange is one of three campus food pantries added to the campaign this year, bringing the total to eight University of Maine System campuses, according to the article. UCU matches donations to the campaign dollar for dollar up to a total of \$25,000 from Nov. 26–Dec. 31; donors can specify a campus food pantry or allow the campaign to distribute their donation between the eight, the article states. More information is [online](#). The [Daily Bulldog](#) carried the CUInsight article.

Miner speaks about glacier research on Radio Ecoshock

29 Nov 2018

Kimberley Miner, a research assistant professor at the University of Maine Climate Change Institute, spoke about her glacier research on [Radio Ecoshock](#). Miner discussed her discovery of persistent organic pollutants (POPs) in the downstream water of the Silvretta Glacier in the Swiss Alps, and the potential for resulting health risks in an area where wind and weather systems accumulate toxic materials.

Mayewski interviewed for BDN article on new climate report

29 Nov 2018

The [Bangor Daily News](#) interviewed Paul Mayewski, director of the Climate Change Institute at the University of Maine, about his recently released climate report for the article, "Maine fisheries and blueberries could be at stake due to climate change, report says." Mayewski collaborated with Sean Birkel, a UMaine research assistant professor and Maine State Climatologist, to produce the report, which provides details about the potential effects of climate change on Maine's coast and presents five scenarios predicting the future of climate change impacts in Maine, according to the BDN. The report forecasts an overall trend of warmer, wetter weather with rising sea temperatures, shorter winters, longer summers and more frequent storms, the article states. "Our goal through reports like this is to give people a better idea of how the climate has changed in the past few decades, and understanding what the plausible scenarios are for future climate and how this might impact, in this case, fish and blueberries," said Mayewski. The scenarios range from a situation involving little to no change in climate, to an abrupt Arctic sea-ice collapse and corresponding rapid increase in global temperature, the BDN reported. The researchers also are creating a

tool to allow members of the public to access climate data and use it to see predicted conditions for the near future. “We want to make it a publicly available platform, which we’re going to start working on this year so people can answer those questions for themselves,” said Mayewski. “One they begin to realize there is or isn’t a link between something they do and climate they become more engaged, they vote that way and they can come to us and talk about learning more.” Work done at the Climate Change Institute, especially regional reports like this one, can help increase awareness about climate change and help people prepare for its impact, the article states. “Climate change is the biggest security threat we have in the world,” said Mayewski. “We need to be smart about knowing what’s going to happen, plan for it, and, in some situations, we can even use it to our advantage.” SentinelSource.com also published the BDN article.

Researchers advocate for poetry in early reading instruction

30 Nov 2018

Educators have long recognized the power of poetry to inspire an enduring passion for language in children. But over time, poetry instruction for beginning readers has declined in favor of other teaching methods. Now, some scholars are trying to revive it. In an article, “Why Poetry for Reading Instruction? Because It Works!” published in the International Literacy Association journal *The Reading Teacher*, University of Maine professor of literacy William Dee Nichols and four colleagues discuss why early reading teachers ought to be using poetry in their classrooms. “Poetry is one of the more personal genres of writing, and has been used for centuries to provide us with beautiful and interesting language,” according to the researchers. Nichols and his co-authors define poetry in a broad sense, including traditional verse, nursery rhymes, playground chants and Dr. Seuss. Poetry’s rhythmic and musical qualities make it especially adaptable to children of different ages and learning abilities, they say. Many poems also are short enough that they can be reviewed repeatedly during lessons, making them effective tools for developing skills such as fluency and understanding. In addition, use of performance and attention to language in poetry instruction can enhance enthusiasm for reading and writing. “When reading poetry, students should be encouraged to explore sound patterns and offered a variety of opportunities to respond to the language of rhythm, rhyme, alliteration, assonance, and onomatopoeia,” write Nichols and colleagues. “Repeated reading of poetry selections stimulates readers to reflect on deeper levels of language features and their use in poems.” The article concludes with a discussion of how teachers can incorporate daily poetry into their beginning reader classrooms. Such lessons are “flexible, and teachers will probably see many other opportunities to add additional readings” and poetry instruction to other aspects of student learning. Co-authors on the journal article are Rachael Kellogg, a UMaine doctoral student in literacy education who has been a teacher for 12 years, and currently teaches first grade at Ella Lewis School in Steuben; and professors Timothy Rasinski at Kent State University, William Rupley at Texas A&M University and David Paige at Bellarmine University. Contact: Casey Kelly, 581.3751

Witter Wonderland to feature pony rides, crafts, music

30 Nov 2018

Members of the campus community and public are invited to attend Witter Wonderland, a barn-wide holiday event, 11 a.m. to 3 p.m. Dec. 2 at the University of Maine’s Witter Farm. Guests are encouraged to dress in holiday attire to meet the farm’s horses, cows and sheep. The event will kick off with a performance by Mainly Voices a cappella group at 11 a.m. Games, crafts, mock milking and pony rides (\$5, weather permitting) will be available throughout the day. The farm is located at 160 University Farm Road in Old Town. Admission is \$8 for adults, \$2 for children and \$15 for a family. The event is free for students with a valid MaineCard. Baked goods will be available by donation, as well as a bottle drop-off. All proceeds will go toward the UMaine Witter Farm animals and organizations. More information is [online](#).

VillageSoup advances talk by Holman Dec. 18

30 Nov 2018

[VillageSoup](#) advanced a talk by Paul Holman, an adjunct professor of political science at the University of Maine and adjunct professor at the Naval War College. Holman will speak on “China in Africa: A New Kind of Colonialism?” at the Camden Public Library at 7 p.m. Dec. 18. The talk, which is offered as a preview for the 32nd annual Camden Conference — “Is This China’s Century?” in February 2019, is free and open to the public.

Ellsworth American reports sculpture to be installed at Diagnostic Laboratory

30 Nov 2018

[The Ellsworth American](#) reported a 23,000-pound stone sculpture was to be installed at the University of Maine Cooperative Extension Diagnostic and Research Laboratory on Nov. 29. The sculpture, titled “Bio Spheres,” was created by Steuben-based Japanese sculptor Kazumi Hoshino, who was chosen to create the piece through the Maine Arts Commission’s Percent for Art Program, according to the article.

News Center Maine includes aerial campus footage in profile on UMaine alumna

30 Nov 2018

[News Center Maine](#)’s ‘Maine Portraits’ included aerial footage of the University of Maine campus in a profile of Christi Holmes, an alumna of the UMaine College of Engineering. Holmes was born in Machias, where her family has lived since 1765, and earned a degree in civil engineering from UMaine. After graduation she hiked the Appalachian Trail, and now works as a civil engineer at South Portland-based design firm Gorrell Palmer, News Center Maine reported.

Phys.org carries UMaine release on study of ecological traps to reduce mosquito-borne pathogens

30 Nov 2018

[Phys.org](#) carried a University of Maine news release about a study on ecological traps as a way to control mosquito populations and reduce the incidence of mosquito-borne pathogens. The study, “Discovery and exploitation of a natural ecological trap for a mosquito disease vector,” was led by Allison Gardner, an assistant professor of arthropod vector biology at UMaine. “The abundance of mosquitoes in aquatic habitats and the efficacy of conventional insecticides for

juvenile mosquito control are strongly influenced by variables such as rainfall, water chemistry, and the species and structure of terrestrial vegetation in the surrounding environment,” said Gardner. “This suggests that ecologically based strategies could complement insecticide use for environmentally safe and sustainable mosquito abatement.” The research findings indicate that certain leaf litter types have the potential for development of novel mosquito control strategies, including using oviposition attractants to convince females to lay eggs in unsuitable locations, the release states. [R&D Magazine](#) also reported on the research.

Media cover football pep rally

30 Nov 2018

[News Center Maine](#), [WABI](#) (Channel 5), [WVII](#) (Channel 7) and [92.9 FM The Ticket](#) covered a pep rally for the University of Maine Black Bears football team at the Memorial Union Nov. 29. The event supported the team ahead of their playoff game against Jacksonville State University at Alford Stadium on Dec. 1. This is the eighth NCAA playoff appearance for the team, and the first since 2013. It will be the first time UMaine has played a school from the Ohio Valley Conference, according to the 92.9 FM The Ticket. “I really just wanted to say thank you to everyone. That’s the main message here. I see a lot of familiar faces here, and I can’t tell you how much it means to have a home playoff game,” said head football coach Joe Harasymiak. “It’s pretty impressive for these guys and what they’ve accomplished so far.” [WGME](#) (Channel 13 in Portland) also advanced the pep rally.

Bowdoin interviews Doore about research grants

30 Nov 2018

[Bowdoin College](#) interviewed Stacy Doore, research manager at the VEMI Lab at the University of Maine and a visiting assistant professor of computer science at Bowdoin College, about two grants she recently received for her research. Doore is collaborating with UMaine faculty members Nicholas Giudice, lab director at VEMI and a professor of spatial informatics, and Justin Dimmel, an assistant professor of mathematics education and instructional technology. The team won a first-of-its-kind, three-year \$750,000 cyberlearning grant from the National Science Foundation to help students who are blind or visually impaired (BVI) increase access to graphical STEM information, the article states. “So much STEM material is visual — charts, maps, diagrams, graphs, etc. — which is a real problem for BVI students to advance in these disciplines,” said Doore. “The idea with this project is to develop multimodal systems for communicating graphical learning materials.” One modality being investigated is the use of natural language descriptions, the article states. “Think of the GPS in your car and the clear, short sentences it uses about where you need to go. We need the same sort of standardization for describing maps, charts and graphs for people who do not have the use of vision to interpret graphical information,” said Doore, who hopes to involve students in the project during summer 2019, Bowdoin reported. Doore also won a Google grant along with Penny Rheingans, director of the School of Computing and Information Science at UMaine, and Anne Applin from Southern Maine Community College, to encourage women to pursue pathways in computer science research at Maine colleges, according to Bowdoin. “The number of women pursuing Ph.D.s in computer science is phenomenally low, and part of that is sometimes due to a feeling of ‘imposter syndrome.’ CS research is often a very male-dominated world,” said Doore. “We want to create a statewide mentoring network of women CS students, faculty and industry leaders. Women in the CS field at all levels are not really connected at the moment in Maine, but we hope to help change that.”

Maine NEW Leadership accepting applications for 2019 institute

03 Dec 2018

Maine NEW (National Education for Women) Leadership, now in its 11th year, is accepting applications for undergraduate women to participate in a six-day residential, nonpartisan training program that focuses on civic and political leadership. Maine NEW Leadership provides students a unique opportunity to build confidence and leadership skills through experiential training and provides a teaching environment in which to practice those skills. The program was created to address the underrepresentation of women at the tables of power. We welcome applicants from all disciplinary backgrounds, at any stage of their undergraduate career, from first year to recently graduated senior. The 2019 institute will be May 30 through June 4 at Schoodic Institute in Winter Harbor. In addition to participating in the free program, students have the option of paying for a three-credit course, Women and Leadership, offered exclusively to Maine NEW Leadership participants. The course is designed to complement the institute’s curriculum, providing students the opportunity to reflect more deeply on their own leadership goals and on the scholarly research on women’s leadership. More about Maine NEW Leadership is [online](#) or by emailing amy.blackstone@maine.edu.

Journal Tribune speaks with Tkacik about Master Gardener Volunteer Program

03 Dec 2018

The [Biddeford Journal Tribune](#) spoke with Susan Tkacik, a community education assistant with University of Maine Cooperative Extension, about UMaine Extension’s Master Gardener Volunteer Program in York County. The program is intended for people interested in learning about different areas of horticulture to grow their own plants, and will cover topics including soils; botany; seed starting; ornamental horticulture; growing herbs, fruits and vegetables; composting; landscaping; pruning; and pest management, the article states. “Anyone who takes the class must volunteer hours to be certified,” said Tkacik. These hours go toward community gardening projects like Maine Harvest for Hunger or Kids Can Grow, and certified Master Gardeners must contribute a certain number of hours to remain active, according to Tkacik. The application deadline for the 2019 program is 4:30 p.m. Dec. 4. Classes will meet Wednesdays from 9:30 a.m.–12:30 p.m. at the Kennedy Center in Springvale beginning Jan. 30 and running through mid-June. According to Tkacik, the York County program has been active since the 1980s. Its members range from student-age participants to members who have been involved since the program’s beginning, and the program is thriving because of benefits to both the community and the volunteers themselves. “They form a sense of community with like-minded people. This offers a chance for growth among a community in more ways than one,” said Tkacik. More information about the program is [online](#). [Seacoast Online](#) also reported on the program and its extended application deadline.

UMaine Extension part of group to host farmer engagement sessions, Press Herald reports

03 Dec 2018

The [Portland Press Herald](#) reported University of Maine Cooperative Extension is part of a group of agricultural organizations and institutions collaborating to host farmer engagement sessions to help shape the future of Maine's agriculture by incorporating the voices of farmers. UMaine Extension is partnering with the Agricultural Council of Maine, the Maine Farmland Trust and others to run the sessions, the first of which will be held at the UMaine Extension offices in Lisbon Falls from 9:30–11:30 a.m. Dec. 6. Other sessions will be held in December and January in Falmouth, Presque Isle, Waldoboro, and at the Agricultural Trades Show in Augusta. For more information, email maineagneeds@gmail.com.

VillageSoup advances Early College open house for home-schoolers at Hutchinson Center

03 Dec 2018

[VillageSoup](#) advanced a University of Maine Early College open house for home-schoolers at the UMaine Hutchinson Center on Dec. 11. Sessions will be held at 10 a.m. and 2 p.m. "Home-schooled students can greatly benefit academically and financially by enrolling in early college courses at the University of Maine," said Allison Small, UMaine Early College programs coordinator. "The programs enable eligible students to earn college credits while in high school and enjoy significant cost savings by reducing future student loan debt." The University of Maine System partners with the Maine Department of Education to waive tuition for qualified high school students to cover full tuition for up to 12 college credits per year, with more than 70 courses offered online and in person, the article states. For more information, contact Small, 581.8004; allison.small@maine.edu.

UMaine's herbarium mentioned in Press Herald article on curating plant collection

03 Dec 2018

The University of Maine's herbarium was mentioned in the [Portland Press Herald](#) article, "Volunteers at Coastal Maine Botanical Gardens' herbarium help curate its collection." Herbariums like the one at Coastal Maine Botanical Gardens in Boothbay get a regular infusion of new plants from researchers and volunteers collecting in the field. So the herbarium is like a living plant library, constantly adding new material and growing, the article states. Maine has a half-dozen herbariums of note. UMaine's herbarium is probably the largest, with 50,000 specimens of vascular (higher) plants representing 2,000 species. The collection also includes fungi, algae, mosses, and so many lichens that they have their own room, according to the article. UMaine started its database 25 years ago. Information on all of its collections is now databased and available on national websites. The university started imaging in 2014, using two of the National Science Foundation grants to pay for photographing the vascular plants and fungi. The University of Maine at Machias also has an herbarium, the Press Herald reported.

WABI interviews Jain about ice-out research

03 Dec 2018

[WABI](#) (Channel 5) spoke with Shaleen Jain, an associate professor of civil and environmental engineering at the University of Maine, about his latest research on predicting spring ice-out dates for Maine lakes. Jain is studying how the warming and cooling of tropical Pacific sea surface waters in the fall and winter can help predict the timing of spring ice-out dates in lakes across Maine and North America. He told WABI the effects from El Nino on the Pacific could move up Maine ice-out dates to around late March or early April as compared to the mid-April average. "So that kind of a two- to three-week earlier ice out has a substantial impact on recreational activity and also the ecosystems," Jain said.

Garland speaks with BDN about growing vegetables during the winter

03 Dec 2018

Kate Garland, a horticultural professional with the University of Maine Cooperative Extension, spoke with the [Bangor Daily News](#) about growing vegetables during the winter. Overwintering vegetables is the practice of leaving vegetables in the ground during the winter to harvest in the spring, according to the article. Certain crops are able to withstand the cold, and timing your planting accordingly can yield a more diverse harvest, the article states. Successful overwintering depends on soil, according to Garland. "With wet, heavy soil, the storage capacity is not as great as well-drained sandy soil," she said. If the conditions are too moist, you will be pulling shriveled or rotted vegetables from the ground come spring, the BDN reported. Garland also was quoted in a related [BDN](#) article about cold frames, an easily assembled windowed box that will shelter plants all winter. It is important to properly ventilate cold frames to keep vegetables from frying in the sunlight, the article states. "If you think about how high the temperature can get during the day and how quickly it can drop at night, it's a pretty big difference," said Garland, who recommends checking the temperature in the cold frame daily.

Press Herald publishes feature on Coghlan

03 Dec 2018

Stephen Coghlan, an associate professor of freshwater fisheries ecology at the University of Maine, is featured in the latest article in the [Portland Press Herald](#)'s "Meet" series. The article was published ahead of his Dec. 3 talk, "Can Homesteading Provide Sustenance and Surplus in an Age of Scarcity?" at UMaine's Senator George J. Mitchell Center for Sustainability Solutions. Coghlan's aim in his research was to answer what the true energy return is on the investment of living off the land, specifically in three areas: lightly mechanized firewood harvesting, ice fishing for sustenance and making artisanal maple syrup, according to the article. He built energy-flow models using data from his homestead in Argyle Township, the article states. "I make energy budgets to track the amount of energy that is invested in a process, compared to the amount that comes out of a process," he said. Humans will deplete resources into extinction, according to Coghlan, unless we change soon. Coghlan said he knows he is tied into the system, but his homesteading is a means to extricate himself from it as much as possible. "You can't have 8 billion people on this planet with everyone owning 70 acres and homesteading," he said. "But I am trying to build up my own personal resilience."

WABI reports student-athletes collect donations for Black Bear Exchange

03 Dec 2018

[WABI](#) (Channel 5) reported student-athletes at the University of Maine collected donations of nonperishable food items for the Black Bear Exchange,

UMaine's food pantry and clothing exchange. Members of the Student Athlete Advisory Committee (SAAC) led a collection of food items at sporting events and drop-off spots for several weeks in November, with a goal of 1,000 items, according to WABI. They gathered at the New Balance Field House on Nov. 30 and came to a final count of 1,836 items, the report states. "I think it really shows how the student-athletes can come together regardless of sport to make a difference in the community because even though the community comes to us for support, we can also support them back," said Alison Brodt, co-president of SAAC.

Gallandt, students interviewed for BDN article on Maine academic agriculture programs

03 Dec 2018

Eric Gallandt, a professor of weed ecology at the University of Maine, as well as Madison Lawler and Delaney Overlock, undergraduate students in the sustainable agriculture program at UMaine, were interviewed for the [Bangor Daily News](#) article, "Modern agriculture programs in Maine emphasize food production science, policy." There are fewer family farms in Maine than there were a generation ago, so post-secondary degree programs focused on agriculture, food sovereignty and sustainable growing are taking the place of farming knowledge traditionally passed on from parents and grandparents, the article states. Most of Maine's public and private colleges and universities offer some form of agriculture degree programs or certificates, the BDN reported. This includes the sustainable agriculture program at UMaine, an interdisciplinary approach encompassing topics from crop rotation and pest management to water quality and economics, as well as hands-on experience working in the university's greenhouse or with area farmers to offer the Black Bear Food Guild community supported agriculture share program. "In our programs you have students learning from experts," said Gallandt. "Students can learn about farming in a number of different ways, and we look to give them an appreciation for sustainable agriculture and guide them if they want to go on into farming or further their education with advanced degrees." "Sustainable agriculture is about more than just the food," Lawler told the BDN. "It maintains soil quality, mimics a natural ecosystem that doesn't damage the land and ensures the production of healthy, wholesome food." And this approach has community benefits too. "I am not against conventional farming whatsoever, but [it] can be done in a sustainable, responsible way that does not harm the environment, [and] includes small farms which allows the consumer to really know where their food is coming from and know their farmer," said Overlock.

UMaine Police Department to hold training exercise Dec. 5

03 Dec 2018

The University of Maine Police Department will hold a training exercise 3–4:30 p.m. Dec. 5 at Coburn Hall. Call Lt. Robert Norman, 581.3408, with questions.

Participants sought for research on taste, whole grains for older adults

04 Dec 2018

Participants are needed for a University of Maine research project on taste and whole grains for older adults, being conducted 12:30–5 p.m. Dec. 5 at the Sensory Evaluation Center, 158 Hitchner Hall. Most Americans do not eat enough whole grains. UMaine researchers are studying whether taste is an important factor in deciding to eat whole wheat bread. Participants must be at least 60 years old and able to read English. They cannot be gluten intolerant or have allergies to wheat, yeast, other bread ingredients or quinine, the flavoring in tonic water. The test takes less than 40 minutes to complete. Participants will be paid \$20 for completing the test. For more information, contact Mary Ellen Camire, 581.1733; sensory.evaluation@maine.edu.

Ranco discusses Henry David Thoreau on 'Maine Calling'

04 Dec 2018

Darren Ranco, a professor of anthropology and chair of Native American Programs at the University of Maine, was a recent guest on [Maine Public](#)'s "Maine Calling" radio program. The show focused on Henry David Thoreau and the new documentary, "Henry David Thoreau: Surveyor of the Soul," which airs on Maine Public Television on Dec. 6. Ranco and other guests, including the filmmaker, dispelled myths about the author and discussed Thoreau's experience in the Maine woods.

Principles of beef cattle nutrition Dec. 8

05 Dec 2018

University of Maine Cooperative Extension in Oxford County will host a workshop on beef cattle nutrition 4–6 p.m. Dec. 8 in South Paris. Designed for producers, the workshop will focus on maximizing production while minimizing feed costs. UMaine Extension assistant professor and livestock specialist Colt Knight will discuss the basic principles of beef cattle nutrition including digestive anatomy, rumen development and body condition scoring. The cost is \$5 per person; financial assistance is available. Register online by Dec. 7. For more information or to request a reasonable accommodation, contact 743.6329; extension.oxford@maine.edu.

2018 Senior Art Exhibition 'Collective Ground' to open Dec. 7 in Lord Hall

05 Dec 2018

The University of Maine will open the 2018 Senior Art Exhibition, "Collective Ground," with a reception 5:30–8 p.m. Dec. 7 at Lord Hall Gallery. The show, which runs through Feb. 2, features more than 70 works of art, including paintings, drawings, prints, digital paintings/prints and sculptures. The nine studio art majors displaying work produced all aspects of the exhibition including matting, framing, hanging, labeling and lighting their works, as well as planning the opening reception. The artists are Abigail Annis, Gabrielle Bock, Mea Clark, Ariel Goos, Deborah Heyden, Mary Manley, Liam Reading, Maya Silver and Madison Suniga. The gallery is open 9 a.m.–4 p.m. weekdays. Events are free and open to the public. For more information or to request a reasonable accommodation, call the UMaine Department of Art at 581.3245.

BDN interviews Hopkins about Maple Hall of Fame induction

05 Dec 2018

The [Bangor Daily News](#) reported the North American Maple Syrup Council recently announced that Kathryn Hopkins, a University of Maine Cooperative Extension educator, will be inducted into its Maple Hall of Fame. Hopkins is one of the creators of the International Maple Syrup Institute Maple Grading School, which has helped the industry make strides in quality control since it started in 2004, and has served on the board of directors of the International Maple Syrup Institute since 2008, according to the article. “I’ve enjoyed my work, but I never anticipated that it would lead to something like being nominated for the hall of fame,” Hopkins said. “I’m still speechless.” To date, 91 individuals from 13 states and four Canadian provinces have been inducted. Hopkins is only the second Mainer to receive the prestigious honor, the BDN reported. Even when Hopkins is delving into the grittier side of maple syrup manufacturing, she always finds joy in her work, the article states. “It doesn’t seem like work, it seems more like fun,” she said. “Maple people are by and large the most helpful people, the most supportive people of each other. It’s been a pleasure working with the maple industry.” The induction ceremony will take place at the International Maple Museum Centre in Croghan, New York in May 2019.

Recent UMaine visit enhances cooperation with Taiwan educational institutions

06 Dec 2018

Rose Chen, director of the Education Division at the Taipei Economic and Cultural Office in Boston, visited the University of Maine Nov. 27–28, hosted by the Office of International Programs. The goal of her visit was to enhance cooperation between UMaine and secondary and tertiary educational institutions in Taiwan. Chen’s office offers scholarships for undergraduate and graduate students to study Mandarin in Taiwan for the summer, a semester or an academic year through the Huayu Enrichment Scholarship; and provides support for faculty to conduct research in Taiwan and stipends to support leading a travel study course to Taiwan.

Dec. 12 open forum for assistant provost for institutional research and assessment finalist

06 Dec 2018

Interested administrators, faculty, staff and students are invited to an open campus forum for Debra Allen, associate director of the Office of Institutional Research. Allen is the finalist for the position of assistant provost for institutional research and assessment. The assistant provost will be responsible for supporting data-informed strategic institutional planning and overseeing the merger of the offices of Institutional Research and Assessment, which will become one unit on Jan. 1, 2019. The forum will be held 10:30–11:30 a.m. Dec. 12 in Wells Conference Center, Room 3.

BDN interviews Blackmer about composting partnership

06 Dec 2018

The [Bangor Daily News](#) reported on a \$17,500 grant from the Maine Department of Environmental Protection that was awarded to Bó Lait dairy farm and Scrapdogs Community Compost. The grant allows the companies to work together to produce nutrient-dense compost and take food scraps out of the waste stream, according to the article. Travis Blackmer, a research associate with the Senator George J. Mitchell Center for Sustainability Solutions at the University of Maine, is credited with connecting the Washington farm and the Camden-based compost business, the article states. “We still have work to do with Bó Lait to perfect the art of composting,” said Blackmer, who also is a lecturer and undergraduate coordinator in UMaine’s School of Economics. “We are working with them, the DEP and the [Maine Department of Agriculture, Conservation and Forestry] to create the optimum [compost] recipe and [learn] how to effectively manage it.” Blackmer said it may take a few months, but once that process is fully developed there will be some quality compost coming off Bó Lait farms. The compost that does not go back to Scrapdogs’ clients can be sold to area gardeners and landscapers, the BDN reported. “It may be until next summer before we have a good batch to sell,” Blackmer said. “But once we do, what goes in as food scraps, manure and hay will come out six months later or so as a wonderful soil amendment.”

Kelley, Newsom quoted in Island Journal report on shell middens

06 Dec 2018

The University of Maine’s Alice Kelley, an instructor in the School of Earth and Climate Sciences and a research associate professor with the Climate Change Institute, and Bonnie Newsom, an assistant professor of anthropology, spoke with the [Island Journal](#) for an article about Maine shell middens. There are thousands of shell heaps around the coast of Maine — but few are made of oysters, and none is as large as the Damariscotta River oyster piles, which are the largest middens on the East Coast north of Florida, according to the article. “There’s more to this than just a pile of shells,” said Kelley, a geoarchaeologist who uses geological techniques to study past interactions of people and climate and studies shell middens coastwide. “There are lots of reasons why they’d want to make a shell pile large and noticeable.” Newsom, a tribal citizen of the Penobscot Nation, said the middens could have been navigation aids, social boundary markers, resource markers, or multipurpose features on the landscape. “Rather than features of prestige or power, the middens might have served to signal a shared resource, an invitation of sorts to share in the Earth’s gifts to the people,” she said. “There are a wide variety of possible interpretations, and it is even possible that at different times, they served different roles. It does imply some sort of social organization or mutually agreed upon direction.”

DDT in Alaska meltwater poses cancer risk for people who eat lots of fish

06 Dec 2018

Children in Alaska whose diet includes a lot of fish from rivers fed by the Eastern Alaska Mountain Range may have a long-term elevated risk for cancer because of insecticides — including DDT — in the meltwater. Even with low levels of organochlorine pollutants (OCPs) in glacial meltwater, the risk of cancer for youth and adults who rely on fish as a staple of their diet is above the Environmental Protection Agency’s threshold limit, says Kimberley Miner, research assistant professor at the University of Maine Climate Change Institute. The risk to children exposed to DDT and hexachlorocyclohexane accumulated in fish is significantly higher than it is for adults, though, because of their size and lifetime exposure. As Alaskan glaciers melt in the warming climate, Miner says the gradual release of these OCPs may continue to elevate watershed concentrations above the current level. “This secondary impact of climate change will be felt most strongly by children, and needs to be addressed in a comprehensive way,” says Miner, who’s also a research fellow with the

Center for Climate and Security and a physical scientist at the Army Geospatial Research Laboratory in Virginia. The findings are in the article [“A screening-level approach to quantifying risk from glacial release of organochlorine pollutants in the Alaskan Arctic”](#) in the Journal of Exposure Science and Environmental Epidemiology. There are 1,655 families in the larger Yukon interior region and 508 families within the Tanana River watershed. Miner recommends that people who eat large amounts of fish (more than 20 pounds per year or 6 ounces per week) in these and other Arctic areas be a priority for future research about risks from glacial meltwater pollution. Health risks from drinking Jarvis Glacier meltwater are negligible for adults and children at this time, she found. Pesticides that contain OCPs have been banned in many countries because exposure to them has been linked to cancer, coma, tremors, confusion, fatigue, headache, nausea, blurry vision and death. DDT was used as a pesticide for insect control in the U.S. until the EPA banned it in 1972. Hexachlorocyclohexane, commonly called Lindane, has not been produced in the U.S. since 1976, but it’s imported for insecticide use and is in prescription creams that combat lice and scabies. The OCPs deposited and stored near the surface of Jarvis Glacier in interior Alaska likely were transported there in the atmosphere — attached to snow and rain. In Asia, DDT is still used to try to prevent malaria. Miner and UMaine colleagues Karl Kreutz, Shaleen Jain and Seth Campbell, as well as University of Alaska, Fairbanks researcher Anna Liljedahl, conducted this first-ever OCP risk assessment for people in the Arctic. They analyzed Jarvis Glacier ice cores and meltwater collected in summer 2016 and spring 2017. Miner’s article about pesticide pollutants she discovered in the remote Alaskan glacier and its meltwater — [“Organochlorine Pollutants within a Polythermal Glacier in the Interior Alaska Range”](#) — was published in August in the journal Water. Contact: Beth Staples, 207.581.3777

Maine higher ed leader receives national award

06 Dec 2018



[caption id="attachment_64559" align="alignright" width="365"] John N. Diamond

John N. Diamond, a longtime higher education official from Maine, has been selected as the 2018 recipient of the nation’s top award for higher education advocacy and state relations. On Thursday, Diamond, currently president and executive director of the University of Maine Alumni Association, received the Marvin D. “Swede” Johnson Achievement Award in Atlanta as part of the annual Higher Education Government Relations Conference. Diamond had been named a finalist for the award in September. The award is given annually for leadership in state relations and institutional advocacy, a field that encompasses advocacy and outreach efforts on behalf of colleges and universities to governors, state legislators, and other key policymakers and influencers. The award is administered by four Washington, D.C.-based higher education organizations: the American Association of Community Colleges (AACC), the American Association of State Colleges and Universities (AASCU), the Association of Public and Land-grant Universities (APLU), and the Council for Advancement and Support of Education (CASE), which manages the selection process. Diamond was selected for the award for his leadership in revitalizing the University of Maine’s legislative strategy and standing in the state during 1990s and 2000s. During that period, Diamond served as UMaine’s director of public affairs and as executive director of external affairs for the University of Maine System. Diamond helped secure significant reinvestment in the University of Maine System through his innovative “integrated advocacy” approach, which strategically incorporates a wide range of communications and engagement practices to advance an institution’s public agenda and relationships. Diamond was nominated for the Johnson Award by Jeffery N. Mills, president and CEO of the University of Maine Foundation, and James S. “Jake” Ward, UMaine’s vice president for innovation and economic development. “Under John’s tutelage, the university’s advocacy program reinvigorated the institution in the eyes of the Maine Legislature and all of Maine — a reputation it continues to enjoy today to the benefit of the entire state,” wrote U.S. Sen. Angus S. King Jr., in an endorsement of Diamond’s nomination. King served as Maine’s governor from 1995–2003. Diamond has been a leader in higher education advocacy at the national level, explained Karen Y. Zamarripa, formerly the assistant vice chancellor for advocacy and state relations for the California State University System and the 2004 recipient of the Johnson Award. “John’s voice has impacted higher education policy and politics for decades,” Zamarripa wrote, noting Diamond’s influence on advocacy practices at the state and national levels. “Many of us look to John when we face challenges in our day-to-day work for students and our institutions.” Prior to becoming a higher education administrator in 1992, Diamond had been a journalist and UMaine journalism professor. He also served eight years in the Maine State Legislature, including four years as House Majority Leader. In 2010 he joined the University of Arkansas as associate vice chancellor for university relations and later served as interim associate vice president for external relations and strategic communications for the University of Wisconsin System. In 2015, he was named president and executive director of the University of Maine Alumni Association, which advocates for policies and resources that support UMaine, its students and 109,000 alumni. A Bangor native, Diamond resides in Blue Hill, Maine with his wife, Marcia. Established in 1995, the Marvin D. “Swede” Johnson Award is named in honor of a longtime state relations and advocacy official at the University of Arizona and, later, the University of New Mexico. Contact: Margaret Nagle, 207.581.3745

CUGR names 2018–2020 undergraduate research assistants

07 Dec 2018

The University of Maine's Center for Undergraduate Research (CUGR) has named the 2018–2020 Faculty Fellows Assistants. The CUGR Faculty Fellows Program supports faculty efforts toward improving undergraduate research mentoring skills, expanding curricula to include research and scholarship experiences, and developing proposals for further funding specifically involving undergraduate students. Each CUGR Fellow is provided \$1,100 to support an undergraduate student research assistant of their choosing during the academic year. The 2018–2020 CUGR undergraduate research assistants and faculty fellows are:

- Madison Bangs, working with Pauline Kamath, professor of animal disease and diagnostics;
- Robert Brittingham, working with Alessio Mortelliti, professor of wildlife habitat ecology;
- Charlyze Castro, working with Michael Kienzler, professor of organic chemistry;
- Alyson East, working with Kate Ruskin, lecturer in ecology and environmental sciences;
- Emily Gagne, working with Danielle Levesque, professor of mammalogy and mammalian health;
- Ella Glatter, working with Jennifer Perry, professor of food microbiology;
- Mitchell Harling, working with Karissa Tilbury, professor of biomedical engineering;
- Aldous Hofmann, working with YongJiang Zhang, professor of applied plant physiology;
- Emily LeClair, working with Caitlin Howell, professor of biomedical engineering;
- Emma Paradie, working with Kristy Townsend, professor of neurobiology;
- Jenna Paul, working with Christopher Nightingale, professor of physical education and athletic training;
- Elizabeth Piotrowski, working with Kristina Cammen, professor of marine mammal science;
- Andrea Ramirez, working with Nishad Jayasundara, professor of marine physiology;
- Charles-Alexandre Roy, working with Ek Han Tan, professor of plant genetics;
- Betsy Spear, working with Andrew Crawley, professor of regional economic development;
- Nathan Sprangers, working with Philip Edelman, professor of music education;
- Jack Stanton, working with Erik Blomberg, professor of wildlife population ecology; and
- Benjamin Williams, working with Sally Molloy, professor of genomics.

More information about the CUGR Faculty Fellows Program is [online](#).

CUGR announces 2018–2019 academic year fellowship winners

07 Dec 2018

The University of Maine's Center for Undergraduate Research (CUGR) has announced the recipients of the 2018–2019 Academic Year Research and Creative Activities Fellowships. The fellowships were developed to enhance and increase undergraduate student involvement in faculty-mentored research. Each fellowship provides a \$1,100 award for the student to help cover costs of the project. Funding for the fellowships is provided by the Office of the Vice President for Research; College of Engineering Crowley Fund; College of Natural Sciences, Forestry, and Agriculture; and the Maine Space Grant Consortium Year 28. The winners are:

- Griffin Archambault, wildlife ecology, "Developing a Novel Approach to Estimate Reproductive Success of Black Bears in Maine," advised by Alessio Mortelliti;
- Brianna Ballard, history, "From Frontier to Battlefield: Changing Medical Roles for Maine Women from the Early Modern Age of Martha Ballard to the Modern Battlefield," advised by Liam Riordan;
- Eliza Bennett, School of Computing and Information Science, "Machine-Learning Art: A Virtual Catalog," advised by Sofian Audry;
- Jonathan Roman Bland, electrical engineering technology, "Augmented Coffee Experience," advised by Nimesha Ranasinghe;
- Gabrielle Bock, chemistry, "Determination of Potential Biopolymer Substitutes for Intaglio Etching Constituents Based on Rheological and Adhesive Properties," advised by William Gramlich;
- Jaycob Bowker, animal and veterinary sciences, "Testing Moose for Active Lyme Disease Infections via PCR-Based Gene Amplification and Sequencing," advised by Pauline Kamath;
- Ryan Bray, chemistry, "Photoswitchable CRAC Channel Inhibitors," advised by Michael Kienzler;
- Robert Brittingham, wildlife ecology, "Filling the Knowledge Gap in Deer Mice and Southern Red-backed Vole Seed Cache Management," advised by Alessio Mortelliti;
- Drew Brooks, microbiology, "The Role of MyD88 in Macrophage Recruitment to *C. albicans* Infection in Zebrafish Swimbladders," advised by Robert Wheeler;
- Rebeka Bullard, biology, "Charge Transfer between Iodocuprate (I)/Cyanocuprate (I) and Alkyl Pyridinium Ion Pairs," advised by Howard Patterson;
- Bradley Butler, biomedical engineering, "Applying Observational Virtual Reality to Improve Student Learning of Human Musculature," advised by Nicholas Giudice;
- Michael Buyaskas, wildlife ecology, "Assessing the Effectiveness of Bait Versus Lure in Linear Arrays with Multiple Trail Cameras to Detect North American Mammals," advised by Alessio Mortelliti;
- Roger Connolly, biology, "Photophysical and Computational Investigation of $[\text{Cu}(\text{CN})_2]^-$ and Mixed Metal $[\text{Cu}(\text{CN})_2]^-/[\text{Ag}(\text{CN})_2]^-$ Nanocluster Formation in Solution," advised by Howard Patterson;
- Kaleb Cormier, chemical engineering, "Enhancement of Luminescent Lanthanide Complexes by Antennae Effect Through Coordinating Donor Ligands," advised by Howard Patterson;
- Nicholas C. Dieffenbacher-Krall, School of Computing and Information Science, "Morphosis: Artificial Intelligence as Art," advised by Sofian Audry;
- Ian Donnelly, School of Computing and Information Science, "Microscopia: A Museum of Organisms Created with SEM Photogrammetry," advised by Sofian Audry;
- Jonathan Donnelly, new media, "Paleontology VR," advised by Michael Scott;
- Cody Gigac, chemical engineering, "An Investigation into the Photochemical Properties of Cyclized-Azobenzene Photoswitches," advised by Michael Kienzler;
- Dakota Benjamin Gramour, history, "Holocaust Ghettos Project," advised by Anne Knowles;
- Lucy Guarnieri, biology, "The Effects of European Fire Ants on Blacklegged Ticks on Mount Desert Island," advised by Allison Gardner;
- Marta Herzog, psychology, "Central Adiposity as Risk Factor for Cognitive Decline and Poor Sleep Quality in Aging Adults with or without Mild Cognitive Impairment," advised by Marie Hayes;

- Ryan Kelly, kinesiology, “Motion Capture-Virtual Reality Multimodal Tools to Optimize ROTC Training,” advised by Cameron Arndt;
- Mark Lambrecht, biomedical engineering, “The Relationship between Breast Tumor Proliferation and the Structural Integrity of a Tumor’s Microenvironment,” advised by Andre Khalil;
- Amanda Laverdiere, psychology, “The Relationships Between Income and Education on Cognitive Function,” advised by Rebecca MacAulay;
- Sadie Libby, psychology, “Childhood Trauma and Later Resilience — Is There a Cultural Component?”, advised by Shannon McCoy;
- Sarah McCallister, microbiology, “Determining the Role of Prophage, Cuke, Gene Expression on Host Mycobacterium Smegmatis Gene Expression,” advised by Sally Molloy;
- Robert Millett, new media, “LGBT Resource App (Temp Name),” advised by Jon Ippolito;
- Jordan Miner, biomedical engineering, “Imaging Zebrafish with Duchenne Muscular Dystrophy using Second-Harmonic Generation to Evaluate Myosin Structure,” advised by Karissa Tilbury;
- Jordan Morace, history, “Holocaust Ghettos Project,” advised by Anne Knowles;
- Coulter Morrill, kinesiology-exercise science, “The Integration of Virtual Reality into Speech Therapy Practices,” advised by Nicholas Giudice;
- Michaela Murray, ecology and environmental sciences, “Sustainability in the Maine Wine Industry,” advised by Mark Haggerty;
- Emma Newcomb, marine sciences, “Anthropogenic Effects on Marine Mammal Strandings and Call Reports in the Gulf of Maine from 2010 to 2015,” advised by Kristina Cammen;
- Victoria Nicholas, electrical engineering, “Optical Memory in Cyanocuprate(I) 3D Networks. A Synthetic, Experimental, and Computational Investigation,” advised by Howard Patterson;
- Sarah Nichols, microbiology, “Investigating the Antiviral Effects of Hemocyanin Derived from *Homo americanus*,” advised by Melissa Maginnis;
- Sadie Novak, chemistry, “Production and Validation of a Fluorescent Ligand Specific to Zebrafish Neutrophils,” advised by Matthew Brichacek;
- Ethan Poland, mechanical engineering, “Biomass Enabled Three-dimensional Porous Nanostructures for High-performance Supercapacitors,” advised by Yingchao Yang;
- Christian Powell, communication and journalism, “There’s a Meme for That: Understanding the Role of Memes in Daily Communication,” advised by Judith Rosenbaum-Andre;
- Liam Reading, art, “Hand Printed Book,” advised by Walter Tisdale;
- Olivia Reese, communication and journalism, “Tweets, Trust, and Pixie Dust: Understanding Credibility in the Age of Social Media,” advised by Judith Rosenbaum-Andre;
- David Rondeau, biology, “Carboxymethyl Cellulose Based Hydrogels for Anti-Biofouling in Marine Environments,” advised by William Gramlich;
- Meghan Royle, biology, “The Effects of Environmental Lighting on Circadian Rhythm Entrainment and Voluntary Alcohol Intake: Possible Role for Melanopsin Signaling?,” advised by Alan Rosenwasser;
- Renee Savoie, biology, “Using Categories as a Tool for Novel Learning,” advised by Shawn Ell;
- Sarah Seitz, new media, “Data Queen,” advised by Jon Ippolito;
- Bradley Smith, mechanical engineering, “Characterizing Root-Anchorage Forces in Selected Weeds and Crops,” advised by Eric Gallandt;
- Cassandra Steele, zoology, “Impacts of Invasive Plant Species on Mosquito Larvae Survival,” advised by Allison Gardner;
- Tiffany Tanner, history and international affairs, “Trajectory of Balochistan Insurgency,” advised by Asif Nawaz;
- Benjamin Thompson, engineering physics, “Nonlinear Heat Conduction Theory,” advised by Aaron Joy;
- Ruben Torres, political science, “The Realist Threat to American Power,” advised by Paul Holman;
- Micah Valliere, English, “The Tale of Cupid and Psyche: A New English Translation,” advised by Benjamin Friedlander;
- Matthew Webber, chemical engineering, “Using Copper(I) and Silver(I) Iodide Salts in the Detection of Aqueous Amino Acids Histidine and Cysteine,” advised by Howard Patterson; and
- Thilee Yost, political science, “The Mobilization Efforts of Hmong Americans in St. Paul, MN and Fresno, CA,” advised by Amy Fried.

For more information, visit the CUGR [website](#) or email cugr@maine.edu.

UMaine men’s basketball team to hold sock drive during Dec. 10 game

07 Dec 2018

The University of Maine men’s basketball team will hold a sock drive during its Dec. 10 home game against the University of Maine at Machias at the Cross Insurance Center in Bangor. Fans that donate a new pair of socks, hat or mittens will receive a discount for a \$5 ticket to a future men’s basketball game this season. The socks, hats and mittens will be donated to the Bangor Area Homeless Shelter, which is in need of socks following a record-cold November. Fans can drop off items at any Cross Insurance Center entrance before the 7 p.m. game. Those that can’t attend the game can learn more about helping the shelter by visiting its [website](#). For more information, contact Chris Hill at christopher.m.hill1@maine.edu or 581.1086. More about the drive is [online](#).

Events slated for students during last week of classes

07 Dec 2018

The University of Maine Office of Campus Activities and Student Engagement will offer several activities leading up to Finals Week:

- Holiday Cookie Decorating, noon–2 p.m. Dec. 10, Memorial Union. Campus Activities Board invites students to decorate cookies. The best cookies will be featured on Instagram (@cab_umaine) and decorators will receive CAB swag.
- Nintendo Night, 1–4:30 p.m. Dec. 11, First Year and Transfer Center in Memorial Union. UMaine Student Wellness and the First Year and Transfer Center will host an opportunity to play Mario Kart.
- De-Stress Fest, 11:30 a.m.–2:30 p.m. Dec. 12, Coe Room in Memorial Union. Relaxing activities for students, including a massage therapist, offered in collaboration with Mind Spa.
- String Art, 6–7:30 p.m. Dec. 13, Coe Room in Memorial Union. Design a piece of art to hang in your room or office, or give as a holiday gift. RSVP [online](#) to attend. The event is limited to 40 participants.
- Stuff a Buddy, noon Dec. 14, Memorial Union, near the information booth and Spirit Room. Create plush stuffed animals.
- DIY Finals Survival Kits, 4 p.m. Dec. 16, Oakes Room in Fogler Library. The Fogler Library Student Ambassadors partner with CASE to help students make survival kits.
- Late-Night Breakfast, 9–11 p.m. Dec. 16, Hilltop Dining Hall. A free meal as students head into finals.

- Bootmobile on Campus, 11:30 a.m.–2 p.m. Dec. 17, on the Mall. L.L.Bean will be on campus with free pizza and giveaways.

For more information, visit the CASE [Facebook](#) page.

Alaska meltwater poses cancer risk for people who eat fish, media report

07 Dec 2018

[Phys.org](#), [Alaska Native News](#), [ScienceDaily](#) and [Lab Manager](#) published a University of Maine news release on a recent study led by Kimberley Miner, a research assistant professor at the Climate Change Institute. Children in Alaska whose diet includes a lot of fish from rivers fed by the Eastern Alaska Mountain Range may have a long-term elevated risk for cancer because of insecticides — including DDT — in the meltwater. Even with low levels of organochlorine pollutants (OCPs) in glacial meltwater, the risk of cancer for youth and adults who rely on fish as a staple of their diet is above the Environmental Protection Agency’s threshold limit, according to Miner. As Alaskan glaciers melt in the warming climate, Miner says the gradual release of these OCPs may continue to elevate watershed concentrations above the current level. “This secondary impact of climate change will be felt most strongly by children, and needs to be addressed in a comprehensive way,” said Miner, who’s also a research fellow with the Center for Climate and Security and a physical scientist at the Army Geospatial Research Laboratory in Virginia. [Laboratory Equipment](#), [News Medical](#), [Arctic Today](#) and [Health Thoroughfare](#) also reported on the study.

UMaine mentioned in Medium article on restoration of Arctic charr at Big Reed Pond

07 Dec 2018

The University of Maine was mentioned in a [Medium](#) article about a project to restore Arctic charr at Big Reed Pond. The Arctic charr, also known as blueback trout, is found in just one state in the Lower 48 — Maine. Charr were the first fish species to colonize Maine waters when the glaciers receded over present-day North America. They now exist in only 14 lakes and ponds in the state, according to the article. Big Reed Pond — one of those lakes — came under threat when rainbow smelt, a fish native to some waters in Maine, were illegally introduced into Big Reed Pond. Smelt caused charr numbers to plummet, competing with them for food and feeding on newly hatched charr, the article states. Though the Maine Department of Inland Fisheries and Wildlife had been managing charr populations since the 1960s, the threat of rainbow smelt kicked their efforts into high gear, beginning a 10-year process to reclaim Big Reed Pond. The project is supported by several groups, including UMaine, the article states.

Blackstone discusses child-free choice on ‘Maine Calling’

07 Dec 2018

Amy Blackstone, a professor of sociology at the University of Maine, was a recent guest on Maine Public’s “Maine Calling” radio program. The show focused on choosing not to have children. Blackstone, a prominent researcher in the child-free movement, runs the blog “We’re {Not} Having a Baby!” with her husband, and wrote the forthcoming book “Childfree by Choice.”

National Geographic quotes Enderlin in article on Greenland’s ‘unprecedented’ ice loss

07 Dec 2018

Ellyn Enderlin, a University of Maine research assistant professor in the Climate Change Institute and the School of Earth and Climate Sciences, was quoted in the [National Geographic](#) article, “What Greenland’s ‘unprecedented’ ice loss means for Earth.” A new study published in the journal Nature found that the melting of the Greenland ice sheet is greater than at any point in the last three to four centuries, according to the article. A complete melting of Greenland’s mile-thick ice sheets would dump 23 feet of extra water into the world’s oceans, the article states. So what happens high in the poles matters to anyone who lives near a coast, eats food that comes through a coastal port, or makes a flight connection in an airport near the ocean, scientists warn. “What we’re seeing right now is really unprecedented. These melt increases are driven by warming, which is caused by humans pumping greenhouse gases into the atmosphere,” said Enderlin, a glacier scientist who was not involved in the study. “The feedbacks the Earth has, the checks it has — they can’t make up for that. The system can’t adjust to the rate of change right now.”

Employee Holiday Lunch Dec. 11

10 Dec 2018

The University of Maine’s annual employee holiday lunch will take place 11:30 a.m.–1 p.m. Dec. 11 at Wells Conference Center. Members of the Professional Employees Advisory Council (PEAC) and Classified Employees Advisory Council (CEAC) will be in the lobby of Wells collecting nonperishable food items and household supplies to benefit the Black Bear Exchange. Golden Key also will be accepting new hats, gloves, mittens and socks as part of its Warmth Drive. The snow date is Dec. 21.

BDN publishes op-ed on Paris Agreement by graduate research fellow

10 Dec 2018

Anna McGinn, a National Science Foundation graduate research fellow at the University of Maine, wrote an opinion piece for the [Bangor Daily News](#) titled, “The US is still in the Paris Agreement.” McGinn is the graduate fellow for 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.

Northwest Arkansas Democrat-Gazette reports on Diamond’s national award

10 Dec 2018

The [Northwest Arkansas Democrat-Gazette](#) reported John Diamond, president and executive director of the University of Maine Alumni Association, won national honors for work to improve relations between higher education institutions and state government. Diamond was selected for the Marvin D. “Swede” Johnson Achievement Award for his leadership in revitalizing UMaine’s legislative strategy and standing in the state during the 1990s and 2000s. The award is given annually for leadership in state relations and institutional advocacy, a field that encompasses advocacy and outreach efforts on behalf of colleges and universities to governors, state legislators, and other key policymakers and influencers. Since 2015, Diamond has led the UMaine Alumni Association. He previously worked as the university’s director of public affairs and the University of Maine System’s executive director of external affairs, according to the article.

Laatsch quoted in Sun Journal article on Portland New Year’s Eve star shows

10 Dec 2018

Shawn Laatsch, president of the International Planetarium Society and director of the University of Maine’s Emera Astronomy Center, was quoted in a [Sun Journal](#) article about New Year’s Planetarium in Portland. For 10 years, the University of Southern Maine’s Southworth Planetarium has offered a New Year’s Eve event that features some of their newest and most popular shows, one right after the other, until the ball drops at midnight, according to the article. With nearly a dozen shows in one night for the price of a single donation, New Year’s Planetarium has become one of the most unique ways to ring in the new year in Maine, the article states. “Most folks, typically if they’re doing an event, may have one show or several shows but normally don’t have [Southworth’s] listing of shows,” Laatsch said.

Morning Ag Clips advances UMaine Extension dairy forage conference

10 Dec 2018

[Morning Ag Clips](#) published a University of Maine Cooperative news release announcing a Dec. 18 dairy forage conference on growing corn silage in a changing climate. UMaine Extension will host the daylong event at Governor’s Restaurant in Waterville. The conference will focus on management techniques, variety selection and environmental stewardship to help producers grow healthier, more digestible forage crops. Topics include nitrogen management, results of the 2018 corn silage variety trials, interseeding techniques and no-till production. Featured speaker Lauchlin Titus, owner of AgMatters, LLC, and a certified professional agronomist, will present a retrospective of corn silage production in Maine. Registration is online.

Press Herald quotes Wahle in article on turning lobster shells into plastic

10 Dec 2018

The [Portland Press Herald](#) quoted Rick Wahle, a professor of marine biology and director of the Lobster Institute at the University of Maine, in the article, “Researchers find new way to convert lobster shells into durable plastic.” Researchers at McGill University in Montreal are creating plastic from chitin, a material present in the exoskeletons of arthropods like shrimp, lobsters, crabs and insects, the article states. Their work builds on research at other universities using chitin and chitosan, a derivative, to create flexible food packaging and medical supplies. It’s a way to produce a resilient, nontoxic material from shells that otherwise would go to waste, the Press Herald reported. “We’re dealing with such volumes of lobster now, much of which is going to processors for value-added product,” said Wahle. “There are more lobster shells in the waste stream than there has ever been. To find an application, especially as a replacement for single-use plastics, would be amazing.” The [Sun Journal](#) carried the Press Herald article.

WAGM interviews Johnson for County Ag Report segment on Australian potato farming

10 Dec 2018

[WAGM](#) (Channel 8 in Presque Isle) interviewed Steve Johnson, a professor and crops specialist with University of Maine Cooperative Extension, for a segment of the County Ag Report about Australian potato farming. Johnson will travel to Australia for his sabbatical beginning this December and lasting through February, WAGM reported. Johnson previously took sabbatical there in 1995. “I’ve chosen Australia because I can be gone during our winter season, and it’s their growing season, and I don’t miss one of our growing seasons,” said Johnson. “I’m developing some accessible education modules that growers, and particularly seed growers and others, can access on potato diseases, seed production, seed handling.” Johnson will learn about and help with production in Australia, where he says the industry is looking for ways to recruit and retain young growers, and will experiment with new technology that he intends to bring back to Maine, according to WAGM. “My late blight prediction model, as an example, I wrote it here, took it there in ’95, debugged it, tried it, brought it back, and had it up and running before the growing season,” said Johnson.

Graham quoted in WABI report on safe holiday shopping

10 Dec 2018

[WABI](#) (Channel 5) quoted Matt Graham, an assistant professor of management information systems at the University of Maine, in a report on tips for safe holiday shopping. The National Retail Federation predicts holiday sales will total about \$700 billion this year, a more than 4 percent increase over last year, the report states. Graham offered tips for safe online shopping, including only shopping on safe, secure sites. “Try to avoid sites that you don’t know. Look for proof of any privacy or security policy. Any credible online retail site will have some policy on their webpage,” said Graham. He also recommended protecting against hackers stealing personal information by only using sites with a secure browser, meaning the URL will begin with “https,” and to carefully watch your bank statements for any unusual activity. “Make sure that you don’t see anything on there that’s not supposed to be there,” said Graham.

Morning Ag Clips advances UMaine Extension strawberry school

10 Dec 2018

[Morning Ag Clips](#) published a University of Maine Cooperative Extension release announcing a strawberry school for commercial growers from 10 a.m.–4:30 p.m. Jan. 17 at the Augusta Civic Center during the 2019 Maine Agricultural Trades Show. Topics will include basic site requirements, site preparation, plant selection, care of young plants, nutrient management, pest management and business management, the release states. Registration is online; for more

information or to request a reasonable accommodation, contact David Handley, 933.2100; david.handley@maine.edu.

Follow updates from UMaine representatives to COP24 Convention in Poland

11 Dec 2018

Several University of Maine faculty members and graduate students are representing UMaine at COP24, the Conference of the Parties to the United Nations Framework Convention on Climate Change, in Katowice, Poland. They are engaging with world leaders who are negotiating global climate change policies. Follow their reports from the conference on their [blog](#), which includes posts by Anna McGinn, Will Kochtitzky and Alex Rezk, graduate students in the Climate Change Institute; and Capt. James Settele, director of the School of Policy and International Affairs. McGinn and Kochtitzky also are tweeting through UMaine Cooperative Extension's Follow a Researcher[®] program. This is the fifth expedition of the program, and allows students across Maine to virtually attend COP24. Follow their updates at [@UMaineFAR_Anna](#) and [@UMaineFAR_Will](#).

UMaine faculty/staff parking permits on sale

11 Dec 2018

University of Maine faculty/staff parking permits for 2019 are now available. They can be purchased [online](#) and sent to your campus address. Online permit purchases require your MaineStreet username and password, vehicle registration, and credit card or electronic check information. Parking permits also can be purchased at MaineCard Services, 130 Memorial Union or Parking Services, 523 Doris Twitchell Allen Village, Rangeley Road. For more information, call 581.4047.

UMaine Partners for World Health donating Christmas stockings, WABI reports

11 Dec 2018

[WABI](#) (Channel 5) reported members of Partners for World Health at the University of Maine have made 140 stockings from unused amputee bags for their Christmas Stockings for the Homeless Project. The group filled the stockings with personal care items including shampoo, lotion, toothpaste, mouthwash, and socks, collected from Northern Light Health and St. Joseph Healthcare. The group will deliver the stockings to the Bangor Area Homeless Shelter and the Hope House in Bangor on Dec. 15, WABI reported. "The homeless just don't have these items, and because we have so much, we felt like we could give back and really meet that need rather than sending it across seas like we do with our other medical equipment," said Tessa Lilley, co-president of Partners for World Health at UMaine. "There's people right here that need our help, and if we are able to do that, why wouldn't we?"

Morning Ag Clips announces UMaine Extension Youth Farm Enterprise program

11 Dec 2018

[Morning Ag Clips](#) announced University of Maine Cooperative Extension will host a Youth Farm Enterprise program series 1–3:30 p.m. Dec. 27, 28 and 31 at the York County Extension office in Springvale. The series is open to all youth ages 12–18, and 4-H youth are encouraged to attend. Topics will include considerations for starting a farm enterprise, selecting and using a record-keeping system, understanding and developing the framework of a business plan, and more. For more information, contact Elizabeth Clock, elizabeth.clock@maine.edu, or call the UMaine Extension York County office at 324.2814.

Yarborough interviewed for BDN article on new use for wild blueberries

11 Dec 2018

The [Bangor Daily News](#) interviewed David Yarborough, a professor of horticulture and wild blueberry specialist with University of Maine Cooperative Extension, for the article, "This new trend for wild Maine blueberries will tingle your taste buds." The article focused on new trends in Maine's food industry to incorporate wild blueberries into savory products, like the Blue Flame hot sauce produced by Captain Mowatt's in Portland. The company uses 10 pounds of wild blueberries to make 48 eight-ounce bottles, the article states. Captain Mowatt's, Worcester's Wild Blueberry Products and other companies are moving away from jams and jellies and expanding the range of value-added products made with wild blueberries to include savory sauces, chutneys and more, partly at the request of customers seeking more ways to consume the blueberries, which offer health benefits including twice as many antioxidants as larger high-bush blueberries. "I have seen that there are a lot more diverse products now," said Yarborough. "[The wild blueberry is] a very healthy product, so getting it away from some of the sugars in jams and into the other products to spice up your life and your food is a great trend." Oversupply and declining prices in the wild blueberry industry also could have contributed to the expansion of the wild blueberry flavor profile, according to the BDN. Yarborough said a series of bumper crops with harvests above 100 million pounds between 2014 and 2016 exacerbated the issues of oversupply and price decline. "When there's crisis, there's opportunity," he said. "When you lower the price of a product, you create more markets." He thinks companies might have been motivated by lower prices to experiment with wild blueberries, and is hopeful these new products will increase demand and lead to an increase in the price of the berries. "I think it's a promising trend and it shall continue. The more people we get eating blueberries, the better for our growers," he said.

WABI, WVII cover UMaine nursing students' preparation for Costa Rica trip

11 Dec 2018

[WABI](#) (Channel 5) and [WVII](#) (Channel 7) reported 15 nursing students from the University of Maine will travel to Costa Rica, where they will work with medical professionals to provide care for residents. This is the eighth year UMaine's nursing program has done a service trip, according to WABI. The students have been raising money during the past year — about \$1,700, WVII reported — to buy and bring supplies including vitamins, aspirin, bandages and ointments. They plan to leave Jan. 5, and will be in Costa Rica for nine days. The group has been meeting weekly to prepare for the trip and discuss ways to make the most of the experience, which will help build global awareness and cultural competence and facilitate personal growth. "As our culture is getting more diverse in the United States, we see more global health problems, so it's really important to understand all the health disparities that we might see. Even though we're going to Costa Rica and seeing them, soon we might see them at home," said Laura Roberts, a senior nursing student at UMaine. [News Center](#)

[Maine](#) also covered the preparations.

Morning Ag Clips previews UMaine Extension on-farm communication workshop

12 Dec 2018

[Morning Ag Clips](#) previewed a workshop for farmers, farm families and farm employees to improve communication, from 10 a.m.–1 p.m. Jan. 8 at the University of Maine Cooperative Extension Hancock County office in Ellsworth. The workshop will be led by Leslie Forstadt, a human development specialist with UMaine Extension, and Karen Groat, a community mediation director. Each participant will identify unique needs and create a plan to address them, and will be eligible to apply for up to four coaching sessions focused on decision-making, goal setting or communication, the article states. The workshop also will be offered online from 9 a.m.–noon Feb. 5. The cost is \$15 per person, \$25 per couple, and includes a workbook and refreshments. The online session is \$10 per person. More information and registration for all sessions is online. For more information or to request a reasonable accommodation, contact Angela Martin, 581.3739; angela.martin@maine.edu.

BDN publishes op-ed by Hillas on President George H.W. Bush

12 Dec 2018

The [Bangor Daily News](#) published an opinion piece by Kenneth Hillas, an adjunct professor of global politics and U.S. foreign policy at the University of Maine School of Policy and International Affairs. The piece is titled, “No president is perfect on foreign policy, but George H. W. Bush earned high marks.”

Ellsworth American reports Hancock County Extension accepting Master Gardener Volunteer applications

12 Dec 2018

[The Ellsworth American](#) reported the University of Maine Cooperative Extension Hancock County office is now taking applications for the 2019 Master Gardener Volunteer training, which will be held Friday mornings from Jan. 25–May 17, with two Tuesday evening classes. Program participants will learn about fruit, vegetable and ornamental gardening in preparation to do gardening-related volunteer work in the community, the article states. Participants are expected to volunteer at least 40 hours within a year of completing the program on a community project, like growing food for hunger relief organizations or teaching others how to grow their own food. Any individual who enjoys gardening and volunteering is encouraged to apply; space is limited, and the application deadline is Jan. 2, [The Ellsworth American](#) reported. More information and applications are [online](#).

BDN article on snowshoes cites Hudson Museum

12 Dec 2018

The [Bangor Daily News](#) cited the Hudson Museum at the University of Maine in the article, “Why you may want to ditch your fancy snowshoes for wooden ones.” The article focused on the history and traditions behind wooden snowshoes, and the benefits they still offer that prompt some to use them over the modern plastic and metal variety. Wooden snowshoes are quieter, and the snow falls through the woven part instead of collecting on top, the BDN reported. The designs of snowshoes made by the indigenous people of North America varied widely by region. For example, snowshoes made by indigenous people in Maine did not have left and right shoes, according to the Hudson Museum, which has a collection of more than 900 objects crafted by Maine Indians, the article states. From the 1850s to the 1940s, Maine was the center of snowshoe production in the Northeast, when snowshoes were made by Maine Natives and non-Natives who adopted the design techniques, according to the Hudson Museum. The BDN also interviewed individuals who still make and sell traditional wooden snowshoes in Maine.

Turner Publishing advances UMaine Extension corn silage in changing climate meeting

12 Dec 2018

[Turner Publishing](#) advanced a University of Maine Cooperative Extension dairy forage meeting on corn silage in changing climate, 9:30 a.m.–3 p.m. Dec. 18 at Governor’s Restaurant in Waterville. Corn silage is a significant component in the diets of many Maine cows. The meeting will focus on management techniques, variety selection and environmental stewardship to help producers grow healthier and more digestible crops for their cows, the article states. The program is \$20 per person and includes lunch; registration is online. CCA credits and Maine pesticide recertification credits will be requested. For more information or to request a reasonable accommodation, contact Richard Kersbergen, 342.5971 ext. 1014; richard.kersbergen@maine.edu.

Z107.3 reports UMaine students create winter driving safety video

12 Dec 2018

[Z107.3](#) reported students in the EDT 400 — Integrating Technology for Teaching and Learning class at the University of Maine produced a winter driving safety video with tips to teach awareness of safe driving in winter. The class also has made videos about the dangers of drowsy driving, bus safety and others, the report states.

UMaine selected to be state's first NSF I-Corps Site

13 Dec 2018

The University of Maine has been selected by the National Science Foundation as Maine’s first I-Corps Site. Applications to be part of UMaine’s first I-Corps cohort, which will begin Feb. 8, are being accepted. The site activities help foster innovation and entrepreneurship by providing faculty, staff and students with the tools and guidance needed to identify valuable markets for STEM-based research. The I-Corps program is open to those who want to explore the commercialization potential of their innovation regardless of whether they want to start a company. The I-Corps curriculum is based on Lean LaunchPad and Innovation Engineering. Selected teams are provided with Business Model Canvas tools, guidance on customer discovery, and Innovation Engineering tools

to better understand the commercialization possibilities for an innovation or idea. The program is a half-day boot camp followed by regular coaching sessions. Teams are awarded up to \$3,000 to conduct interviews with potential customers and develop a basic prototype. Teams then have six weeks to complete their customer interviews and report back to the cohort. Teams also will be encouraged to apply for external funding to accelerate their progress. Team ideas or projects can originate from student work, research (funded or unfunded), and institutional or industrial projects. The topical focus of a project must be in one or more areas of science, technology, engineering or mathematics normally supported by NSF. People with innovations in humanities, business, social sciences and interdisciplinary fields are encouraged to apply if they are connected to technology. Teams apply for selection by completing an [online](#) application form and interview. The initiative is part of the Foster Center for Student Innovation's UMaine Innovates programming. To apply for the I-Corps spring 2019 cohort, contact the Foster Center at 581.1454 or visit the [website](#).

Dr. Martin Luther King Jr. Breakfast Celebration to be held Jan. 21

13 Dec 2018

Editor's note: Due to the predicted snowstorm, the 2019 Dr. Martin Luther King Jr. Breakfast Celebration on Jan. 21 has been canceled. Organizers are working to reschedule the event for a later date. Ticket holders will receive refunds. The 2019 Dr. Martin Luther King Jr. Breakfast Celebration, co-sponsored by the Greater Bangor Area NAACP and the University of Maine Division of Student Life, will be held Jan. 21 at Wells Conference Center on campus. The family-friendly event will celebrate King's life and legacy, inspiration, dedication to diversity and social commitment. The breakfast celebration will feature food and music, and recognition of the recipient of the [Dorothy Clarke Wilson Peace Writing Prize](#). Amy Sneirson, executive director of the Maine Human Rights Commission, will deliver the keynote address. Doors open at 8 a.m., with the program running 8:30–10:30 a.m. Tickets are \$20; \$15 for children ages 12 and younger; free for UMaine students with a valid MaineCard. Registration is available [online](#); tickets also will be available at the door until they are sold out. Table sponsorships for organizations and departments are available for \$200 through Jan. 18. Each table has a capacity for 10 seats. For more information or to request a reasonable accommodation, contact Robert Jackson at robert.jackson@maine.edu or 581.1437. More about the event is [online](#).

Maine Edge reports on 2019 Alumni Achievement Awards

13 Dec 2018

[The Maine Edge](#) reported on the recipients of the University of Maine Alumni Association's 2019 Alumni Achievement Awards. Charles "Chuck" Peddle, the recognized "father of the personal computer;" Dr. Bruce J. Leavitt, a noted heart surgeon; Donna Keirstead, a widely respected higher education leader; and Abtin Mehdizadegan, a fast-rising young attorney, are among the Black Bear alumni to be honored this year, the article states. Several others will be recognized during the association's annual recognition dinner and ceremony in April, according to the article.

Penobscot Times previews 2018 Senior Art Exhibition

13 Dec 2018

[The Penobscot Times](#) reported the University of Maine has opened its 2018 Senior Art Exhibition, "Collective Ground," at Lord Hall Gallery. The show, which runs through Feb. 2, features more than 70 works of art, including paintings, drawings, prints, digital paintings/prints and sculptures. The nine studio art majors displaying work produced all aspects of the exhibition including matting, framing, hanging, labeling and lighting their works, as well as planning the opening reception. The gallery is open 9 a.m.–4 p.m. weekdays.

Professor Emeritus McCormack quoted in BDN article on fake versus real Christmas trees

13 Dec 2018

Maxwell McCormack, professor emeritus in the University of Maine School of Forest Resources, spoke with the [Bangor Daily News](#) for the article, "Fake Christmas trees are increasingly popular. What does that mean for Maine tree farms?" According to a 2014 analysis conducted by an artificial Christmas tree company based in California, Mainers spent an above-average amount of state GDP on artificial Christmas trees when compared to other states. However, the USDA Census of Agriculture estimated there were about 387 Christmas tree farms in Maine totaling 5,694 acres in 2012, up from 307 farms totaling 4,349 acres in 2007. A study carried out by a trade group that represents artificial trees documented the environmental impacts of artificial and natural trees, according to the article. Critics of the study said its parameters for evaluating the environmental impact of fake trees were too narrow, without enough consideration for the preservation of wildlife, habitat and farmland, the article states. "You maintain your landscape, and you remove the product to maintain the viewscape," McCormack said of harvesting Christmas trees. He explained that Christmas tree farms also promote soil health and provide habitat for nesting birds. "There are other things going on out here that people don't realize," he added.

Press Herald reports on popularity of UMaine football videos ahead of semifinals

13 Dec 2018

The [Portland Press Herald](#) reported on University of Maine football videos that are grabbing attention on social media. As the Black Bears prepare to play in the Football Championship Subdivision semifinals for the first time, at 2 p.m. Dec. 15 at Eastern Washington University, UMaine alumnus Jon Petrie is trying to boost interest in the team with some dramatic videos, the article states. "The response has been phenomenal," said Sam Hallett, UMaine's assistant athletic director for digital content. "People are getting excited and getting ready for game day." Hallett said a normal UMaine Athletics video on social media might get 1,500 views. Petrie's video leading into the playoffs had 43,000 views on Facebook and 34,000 on Twitter. Hallett said the work comes naturally to Petrie, who joined UMaine's athletic video team this summer, two months after he graduated with degrees in political science and journalism.

Harassed faculty tell family, friends more frequently than campus officials, Blackstone, Gardner find

14 Dec 2018

A survey indicated that faculty who were harassed at an unspecified public university told friends, family and colleagues about their experiences far more frequently than they did campus human resources officials. The faculty members — who were aware of the university's harassment policies — said they were

dissatisfied with how their complaints were handled when they did report harassment to official sources. Those were among the findings of Amy Blackstone, a University of Maine sociologist, and Susan Gardner, director of UMaine's Rising Tide Center and Women's, Gender, and Sexuality Studies. In 2011, they sent surveys to 573 faculty members (338 responded) to gauge workplace climate at the university, where 80 percent of full professors, 59 percent of associate professors and 52 percent of assistant professors were male. Blackstone and Gardner's findings are in ["Mobilization in Response to Workplace Harassment: Lessons from One University Setting."](#) published in Trends in Diversity, an online journal launched by Kent State University's Division of Diversity, Equity and Inclusion. The findings are part of a larger and ongoing study. Blackstone and Gardner suggest possible courses of action, including that knowledgeable outsiders — victims' advocates, government authorities and legal experts — could train campus human resource and equal opportunity officials to more effectively respond to reported harassment complaints. Having knowledgeable and supportive campus officers will ultimately raise awareness about and reduce harassment on campus, they say. More than two-thirds of survey respondents who had been harassed told a co-worker about the experience. This points to an untapped source of support for workers and reduction of workplace harassment, say Blackstone and Gardner. Institutions could consider providing supportive colleagues with awareness-raising and training, including bystander intervention, they say. Nearly all of the 338 faculty respondents (94 percent) indicated they were aware of the university's harassment policy that states acts of harassment and violence in the workplace will not be tolerated. According to the policy, harassment is "unwelcome behavior that's severe, persistent, and/or pervasive and has the intent or effect of interfering with a person's educational or work performance or creates an intimidating, or offensive educational, work, or living environment." Going by that definition, 45 of 309 responding faculty members (14.6 percent) said they had been harassed at the university, including 23 percent of female respondents and 9 percent of male respondents. Nearly all (97.8 percent) respondents who said they had been harassed also said they had talked with someone about it. For context, the researchers say in prior harassment studies in workplace contexts, fewer than half of employees indicated they had spoken with another person about their experiences. "What's particularly notable is how many people told someone about their harassment experience," says Blackstone. "Our findings suggest that family members, friends, and colleagues are a critical source of support for those experiencing workplace harassment and that these supportive others should be considered in policy and programming efforts." Faculty said they talked with a family member (81.8 percent), friend (77.3 percent), colleague (68.2 percent), supervisor (52.3 percent), Equal Opportunity officer (27.3 percent), Employee Assistance Program official (6.8 percent), human resources personnel (4.6 percent), Public Safety officer (2.3 percent) and union representative (2.3 percent). Blackstone and Gardner asked faculty respondents to include additional details so they could better understand why the respondents were reluctant to report harassment to campus superiors or to formal entities. Sixty percent of the 309 faculty members provided additional details. Just over 33 percent said they were bullied and 18.5 percent said they were sexually harassed. Nearly half (48.2 percent) didn't state the type of harassment they experienced. More than 33 percent reported the harassment was ongoing and current, 22 percent indicated it was ongoing but had ended, and 11.1 percent said it was an isolated event. Those respondents identified their harassers as colleagues (51.9 percent), superiors (25.9 percent) and students (7.4 percent). Blackstone and Gardner say reporting up the "chain of command" would understandably be unlikely in cases where respondents' superiors were the harassers. Often, faculty who attempted to report "up the chain" said they were disappointed by the response of authorities. One person wrote: "I was told that since the individual involved has tenure and refuses to participate in mediation, nothing could be done. This has gone on for over 12 years." Blackstone says it's encouraging that universities already are using the study's findings to inform policy and programming. At UMaine, Gardner says the study's findings were recently reviewed at a meeting of the Provost's Council for Advancing Women Faculty. The campuswide representative body discusses policy and practices to assist in the recruitment, retention and advancement of female faculty at UMaine. Under the provost's leadership and guidance, Gardner says the council discussed ways to improve training to prevent harassment at UMaine, as well as mechanisms to encourage academic departments to promote more civil and collegial practices in their day-to-day interactions. Contact: Beth Staples, 207.581.3777

McGreavy-edited book wins environmental communication award

14 Dec 2018



[caption id="attachment_64650" align="alignright" width="425"] From left, George McHendry Jr., Samantha Senda-Cook and Bridie McGreavy smile after winning the National Communication Association's Tarla Rai Peterson Book Award in Environmental Communication in Salt Lake City, Utah. [caption] Bridie McGreavy was honored for co-editing a book that addresses significant questions about the relationship between communication and the environment, and has potential to influence research in the field. The University of Maine assistant professor of environmental communication received the National Communication Association's Tarla Rai Peterson Book Award in Environmental Communication in November in Salt Lake City, Utah. Peterson is a leader in environmental communication and has advanced the field's commitments to sustainability and interdisciplinary collaborations. Steve Depoe, professor of communication at the University of Cincinnati, called the book "the best edited volume in environmental communication scholarship that has been produced in the past decade." McGreavy co-edited the book "Tracing Rhetoric and Material Life: Ecological Approaches" with Justine Wells, George McHendry Jr. and Samantha Senda-Cook. The purpose of the 13-chapter volume, says McGreavy, is to "advance an ecological approach to care" by widening and enriching "a conversation that has been going on in three separate fields: rhetoric, composition studies, and environmental communication that focuses on how the material world creates and shapes capacities for communication." In addition to editing, McGreavy wrote a chapter that takes a poetic approach to describe how Maine clammers use metaphors, especially metaphors about the body, to identify and respond to changes in intertidal ecosystems. This approach helps her understand intertidal change and how to communicate with clammers and others as she researches coastal resilience. "In these daily habits that, for many, stretch across a lifetime, a clammer 'thinks with [the] body, not in the abstract

but in lived temporality' where s/he 'observes and retains smells as traces that mark out rhythms,'" she wrote. She quoted Tom, a clammer in Frenchman Bay, after he learned the pH of ocean surface waters had fallen 0.1 units, from approximately 8.2 to 8.1 (which represents about a 30 percent increase in acidity) since the Industrial Revolution. "This is why my clams—Thomas Bay out here right behind us—went dead. I pulled clams there all my life, pulling the clams one at a time in the mud; soupy, best mud around. Just dropped dead," he said. "[Our bodies] can run at 98.6. That's where it should be, but you rise up to 99 for a full year, you're gonna get sick. It's that sensitive. People who aren't out there, they don't observe like that. It's so sensitive." McCreavy's UMaine colleague Nathan Stormer, a professor of rhetoric, wrote the book's afterword titled "Working in an Ecotone." The National Communication Association also honored McCreavy in 2016, presenting her with the Christine Oravec Research Award in Environmental Communication for her journal article "Resilience as Discourse."

UMaine Extension hosts dairy forage conference Dec. 18

14 Dec 2018

University of Maine Cooperative Extension will host a dairy forage conference Dec. 18 on growing corn silage in a changing climate. The conference, from 9:30 a.m.–3 p.m. at Governor's Restaurant, 376 Main St., Waterville, will focus on management techniques, variety selection and environmental stewardship to help producers grow healthier, more digestible forage crops. Topics include nitrogen management, results of the 2018 corn silage variety trials, interseeding techniques and no-till production. Featured speaker Lauchlin Titus, owner of AgMatters, LLC, and a certified professional agronomist, will present a retrospective of corn silage production in Maine. The \$20 per person fee includes lunch; Registration is online. Certified crop adviser credits and Maine pesticide recertification credits will be requested. For more information or a reasonable accommodation, contact Richard Kersbergen, 342.5971; richard.kersbergen@maine.edu.

Fayeza Ahmed named associate director of Maine Syracuse Longitudinal Study

14 Dec 2018

University of Maine assistant professor of psychology Fayeza Ahmed has been named the first associate director of the Maine Syracuse Longitudinal Study (MSLS) that focuses on hypertension, cardiovascular risk factors and aging as predictors of cognitive functioning. Fayeza Ahmed will be the primary go-to person for UMaine students and faculty interested in examining the data, as well as reviewing project proposals from interested researchers. By virtue of her strong interest and backgrounds in aging and neuropsychology, she is well prepared to represent the study as its first associate director. UMaine emeritus professor of psychology Merrill "Pete" Elias and research associate professor Michael Robbins serve as MSLS director and co-director, respectively. MSLS began in 1974 in Syracuse, New York, with Elias as principal investigator. The project was supported by a research grant from the National Institute on Aging. MSLS was moved permanently to UMaine in 1976, with Robbins joining the project in 1978. Until 2006, data collection continued in central New York state with grant support from the National Institute on Aging and the National Heart, Lung and Blood Institutes. Overseas collaboration with the University of Oxford was supported by the North Atlantic Treaty Organization (1989–92). While grant support and data collection ended in 2009, data analysis and manuscript writing have been ongoing with support by collaborators from the United States, United Kingdom, Australia and Luxembourg. With 2,759 participants, the MSLS database has resulted in more than 150 peer-reviewed publications, including Hypertension, the American Journal of Hypertension, Stroke and Archives of Neurology. The database is archived and open to researchers at UMaine and beyond, including those in the UMaine Department of Psychology, and UMaine Graduate School of Biomedical Science and Engineering. More information about MSLS is available [online](#) or by emailing Fayeza Ahmed, fayeza.ahmed@maine.edu.

Journal Tribune advances UMaine Extension workshops on meeting effectiveness

14 Dec 2018

The [Biddeford Journal Tribune](#) advanced a five-session workshop offered by University of Maine Cooperative Extension, in partnership with Maine Sea Grant and York Adult Education, for people interested in building skills for effective meetings and group work. Sessions will be held 3–7 p.m. Jan. 15 and 29, Feb. 12 and 26, and March 12 at York Middle School. Snow dates are March 19 and 26, the Journal Tribune reported. Kristen Grant, who has 20 years of experience providing interactive, educational programs and work in team settings, will lead the sessions, the article states. The workshop is \$125 per person and includes resources and refreshments. Enrollment is limited; Online registration is required by Jan. 8. For more information or to request a reasonable accommodation, contact UMaine Extension, 324.2814. More information also is available [online](#) or by contacting Grant, 646.1555, ext. 115; kngrant@maine.edu.

Jumars' textbook published by Cambridge Scholars

14 Dec 2018

"Viscous Flow Environments in Oceans and Inland Waters," a textbook by Professor Emeritus Pete Jumars, has been published by Cambridge Scholars Publishing. Jumars says understanding how water moves is fundamental to the biology, chemistry and geology of oceans and inland waters. And while small-scale fluid dynamics is taught primarily in graduate engineering programs, Jumars says students need earlier and easier access to this information. He focuses on flows that dominate small scales in oceans and inland waters, including those that influence feeding behaviors of mussels, or the movements of larval lobster. Jumars employs a relatively simple math to quantify these small-scale flows and provide a basic understanding of fluid behavior to nonspecialists. The book is a compilation of teaching methods and materials that he developed over decades at the University of Maine Darling Marine Center. In his hands-on, flow tank-based upper-level undergraduate Semester by the Sea course "Design of Marine Organisms," students investigated a range of physical ocean environments and the mechanisms organisms use to live in those conditions. "My intent is to equip the reader with some of the tools and all the curiosity needed to explore more advanced treatments of fluid dynamics," he says. The book is available through [Cambridge Scholars](#); buyers using the code OCEAN20 get a 20-percent discount. The book also is available through Amazon and other retailers. For more information, contact orders@cambridgescholars.com.

Steneck discusses risks to coral reefs at Ocean Solutions Initiative in Monaco

17 Dec 2018

Bob Steneck, professor of marine sciences based at the University of Maine Darling Marine Center, recently attended the Ocean Solution Initiative convened by Monaco's Prince Albert II. The initiative brought together coral reef experts from seven countries — Monaco, France, Japan, Australia, Saudi Arabia, Israel and the United States — to discuss global and local measures to reduce risks and climate change effects on coral reefs. Coral reefs are arguably the world's most endangered marine ecosystems due to decades of pollution and coastal development. And since the late 1980s, Steneck says they have also been stressed by ocean warming and, to a lesser extent, ocean acidification. "The splendor of coral reefs attracts lots of people, so the stresses created by our changing climate are seen by more people than just about any other ecosystem," Steneck says. "In a way, coral reefs are the canaries on our 'mineshaft' Earth. They are struggling today." Extreme warming events that have led to recurrent large-scale coral bleaching and mass-mortality events are projected to become increasingly frequent. "The climate-driven coral bleaching of the Great Barrier Reef should be a wake-up call for all of us," Steneck says. "We need to find ways of curbing emissions if we are to preserve these beautiful ecosystems for future generations." Complementary strategies were part of the Ocean Solution Initiative and discussion revolved around whether meaningful actions can be accomplished, and soon enough. "I'm more of a 'Yes, we can' kind of guy," Steneck says.

Intensive English Institute seeking host families for Hirosaki University Program

17 Dec 2018

The University of Maine Intensive English Institute is in search of local host families for its IEI Hirosaki University Program Feb. 17–March 8, 2019. A stipend is provided to the host family per student to help with food and activity expenses. The Japanese college students will attend English classes 9 a.m.–noon Monday through Friday on the Orono campus, and will stay with their host family for three weeks. Email Rebecca Rand, rebecca.s.rand@maine.edu, if you are interested in hosting a Japanese student or have questions.

Press Herald quotes Wahle in article on Maine researcher's contributions to fighting climate change

17 Dec 2018

The [Portland Press Herald](#) quoted Rick Wahle, director of the Lobster Institute and research professor in the School of Marine Sciences at the University of Maine, in an article about Falmouth native Noah Oppenheim's efforts to fight climate change. Oppenheim, executive director of the Pacific Coast Federation of Fishermen's Associations, is helping crab fishermen on the West Coast sue 30 of the world's major oil companies for ruining their fishery by continuing actions that exacerbate climate change while deceiving the public about their role in the issue. The lawsuit is the first legal action by a private industry group seeking damages from energy companies for loss resulting from climate change, the article states. "[Oppenheim] was a very confident guy from the outset and willing to take on big challenges. This is pretty consistent with what I've seen right from the time he was an undergraduate," said Wahle, who was Oppenheim's mentor for his graduate studies at the Darling Marine Center. Oppenheim worked with Wahle to research cannibalism in lobsters while earning a dual master's degree in marine biology and fisheries policy at UMaine, according to the article.

Social media spotlight: Linda Archambault

17 Dec 2018

Hometown: Bristol, Maine Linda Archambault, a biochemistry Ph.D. candidate, works in UMaine associate professor of microbiology Rob Wheeler's lab. Last summer, she was selected as a teaching assistant for an internationally recognized practical course on fungal infectious diseases at the Marine Biological Laboratory and received the 2018–19 Janet Waldron Doctoral Research Fellowship. Archambault earned a bachelor's degree in biology at Bates College and worked for a year at the Marine Biological Lab in Woods Hole, Massachusetts before earning a master's degree at Boston University in 1986. After taking a hiatus from science to start a family, Archambault worked at The Lobster Conservancy and Bates before coming to UMaine. "I was a curious child, especially about the natural world. I grew up on a farm and spent most of my time outdoors in the fields, vineyard and woods. Studying science is the most natural thing I could do. The pertinent question isn't what drives me now, it's what held me back until now — my belief that I couldn't do what I'm doing now, that I wasn't capable or that I wouldn't be allowed to. The motivation has always been there. Working with women at The Lobster Conservancy and at Bates restored my faith in myself. They trusted me to do the work and were happy with the work I did. My love of science flourished. At UMaine, I use zebrafish as a model organism to study how our immune system responds to fungal infections. Because the zebrafish is transparent, we are able to make images of the interactions between fluorescently labeled *Candida* fungal cells, epithelial cells and immune cells in the live fish over the course of several hours of infection. One of the most intriguing aspects of these interactions is the question of signaling between epithelial cells and immune cells. The answers may inspire us to find new ways to help combat fungal infection in vulnerable patients. Here at UMaine I've learned so much — the science, of course, but also so much about myself and what it takes to succeed. The very best thing is to be taken seriously as a scientist." See a post featuring Archambault on UMaine's [Facebook](#) page.

Canadian Brass to perform Christmas concert at CCA Dec. 22

18 Dec 2018

The Collins Center for the Arts at the University of Maine is offering a variety of performances throughout the 2018–19 season. Canadian Brass will perform a Christmas concert at the CCA at 4 p.m. Dec. 22. Masters of concert presentations, the members of Canadian Brass have developed a uniquely engaging stage presence and rapport with audiences. Each of their concerts show the full range from trademark Baroque and Dixieland tunes to new compositions and arrangements created especially for them — from formal classical presentation to music served up with lively dialogue and theatrical effects. In its 47th season, the game-changing Canadian Brass has performed in virtually every major concert hall in the world, been seen by hundreds of millions of people on television, sold 2 million of its approximately 100 albums worldwide, and contributed nearly 600 new works and arrangements to the brass quintet repertoire. Renowned for genre-bending versatility and joyous performances, the award-winning group is almost single-handedly responsible for elevating the art of the brass quintet to what it is today. This will be the seventh time the group has performed on the CCA stage. For more information, to view the full season schedule or to purchase tickets, visit the CCA [website](#).

Republican Journal reports spring enrollment open through Hutchinson Center

18 Dec 2018

[The Republican Journal](#) reported spring enrollment is open through the University of Maine Hutchinson Center in Belfast. More than 300 undergraduate and graduate courses will be offered in spring 2019 in person, online, or via ITV or videoconferencing. Need-based scholarships are available through the center; the deadline for applications is Jan. 10, according to the article. More information is available online about programs offered through the [Hutchinson Center](#) and [UMaine Online](#) for students looking to begin, continue or complete their degrees. To schedule an advising appointment to register for spring courses through the Hutchinson Center, contact Nancy Bergerson, 338.8049; nancy.bergerson@maine.edu.

Birkel, Pershing recent guests on Maine Public's 'Maine Calling'

18 Dec 2018

Sean Birkel, Maine state climatologist and a research assistant professor at the University of Maine Climate Change Institute, and Andrew Pershing, an associate professor in the Climate Change Institute and chief scientific officer at the Gulf of Maine Research Institute, were recent guests on Maine Public's "Maine Calling" radio show. The show's topic was the latest climate reports, what they mean for Maine and what people can do to help reduce their impact on the planet.

Marble speaks to Daily Bulldog about STEM Ambassador Program

18 Dec 2018

Tara Marble, a 4-H youth development professional with University of Maine Cooperative Extension, spoke to the [Daily Bulldog](#) for an article about the STEM Ambassador Program, which connects college students with local elementary school students through STEM-based activities. "We aim to highlight a subject that often gets glossed over. Elementary education especially is often missing the emphasis on science and sometimes that can be the one thing that might hook a kid into education," Marble said. Over the last year, younger and older students have met in community spaces including Cascade Brook School, Academy Hill School and the Farmington Public Library, according to the article. "The kids get to see this real-life college student doing a cool science experiment and end up bonding with them over it. It's not a mentoring program in the way that Big Brothers Big Sisters is, but it's kind of like a mentoring program in disguise," said Marble. "Every little bit helps to get these kids envisioning life after high school."

Forbes quotes Thomas, Pershing in article on Gulf of Maine warming

18 Dec 2018

[Forbes](#) quoted Andrew Thomas, a professor in the University of Maine School of Marine Sciences, and Andrew Pershing, an associate professor in the UMaine Climate Change Institute and chief scientific officer at the Gulf of Maine Research Institute, in an article about ocean heat waves and the Gulf of Maine. The Gulf of Maine is warming 99 percent faster than the rest of the world's oceans, and is currently experiencing its third-warmest year in 37 years with water temperatures nearly 3 degrees warmer than average, the article states. "The temperature trends we see in this area are among the largest on the planet," said Thomas. This accelerated warming is reducing lobster populations in the Gulf and depleting the populations of herring and haddock that puffin chicks rely on for nutrients, negatively impacting their survival rates as well, according to the article. "We wound up in the absurd situation that 250 of 313 days so far have qualified as an ocean heat wave," said Pershing. "Weird is the new normal."

WABI reports therapy dogs visit Fogler Library

18 Dec 2018

[WABI](#) (Channel 5) reported therapy dogs visited Fogler Library at the University of Maine to help ease the stress of Finals Week. "It's nice to take a break from studying. I work with animals back home, so, especially for being out of state and not being able to just go home and see my dog whenever, it's nice to have them come and visit when it's high stress," Jack Fontaine, a student at UMaine, told WABI.

UMaine researcher, undergraduate, community partners awarded grant for midcoast composting project

18 Dec 2018

As part of an interdisciplinary team examining ways to reduce food waste in Maine, a researcher in the University of Maine School of Economics and his undergraduate student assistant recently were awarded \$17,000 from the Maine Department of Environmental Protection (DEP) for a startup composting program in the midcoast region. The funds will help implement a food scrap collection and processing system in the region with project partners Bó Lait Farm of Washington, Maine and ScrapDogs Community Compost of Camden, Maine. The compost will be made in Washington using waste collected in communities between Belfast and Warren. Researcher Travis Blackmer and undergraduate Taylor Patterson are part of the project, "[Making Maine's local food system sustainable](#)," being conducted by a team of researchers and students affiliated with the [Senator George J. Mitchell Center for Sustainability](#)



[Solutions](#). [caption id="attachment_64692" align="alignright" width="300"]

Connor and Alexis MacDonald of

Bó Lait Farm in Washington, Maine. Patterson is one of five undergraduate scholars funded by the Diana Davis Spencer Foundation. Each is collaborating with a faculty member to implement a project to reduce food waste in Maine. Projects include an innovative mix of research including improving the shelf life of packaged food, diverting more food waste from landfills, and enhancing food redistribution efforts. The DEP grant is being used to purchase hauling equipment, large 32-gallon totes and a trailer for ScrapDogs, and a new gravel composting pad and composting equipment, where Bó Lait can process the food scraps and manure to begin the compost cooking process. “We’ve been working with Bó Lait since April,” Blackmer says. “And the reason we picked midcoast Maine as the focus of our efforts is because it’s an area with a high number of sustainability and zero-waste groups, but they don’t have any composting businesses that do anything related to community-oriented composting.” The team worked closely with DEP and the Maine Department of Agriculture to locate the Washington dairy farm run by Connor and Alexis MacDonald, who were anxious to join a startup composting business. ScrapDogs, the waste collector, hauler and processor that came on board in July, focuses on households, restaurants and other small food waste producers. Tessa Rosenberry and Davis Saltonstall of ScrapDogs were met with enthusiasm by their community and quickly have outgrown their pilot site in downtown Camden. “The Mitchell Center team has played a crucial role in fostering our partnership with Bó Lait, taking the lead on writing the DEP grant and really capturing our intentions and the impact this endeavor can have on the region,” say Rosenberry and Saltonstall of ScrapDogs. “We couldn’t have gotten to where we are without Travis and Taylor.” Bó Lait will be on the compost production side, given their access to the cow manure needed to mix with the food waste and the space at their farm. They also have the tractors and other equipment needed to produce high-quality compost. “We are very excited to provide a necessary service to this area, and to create a value-added product from otherwise discarded materials,” the MacDonalds say. “We always had an interest in composting, but if it wasn’t for the folks with the Mitchell Center, we would not have been able to begin with this process of starting a composting business.” “I like to call this the ‘midcoast composting cooperative’ — two companies that are separate, but are partners,” says Blackmer, who is one of a handful of researchers on the Mitchell Center’s [materials management](#) team. Blackmer and Patterson worked as the marketing, outreach, client recruitment and education arm of Bó Lait before it partnered with ScrapDogs. Going forward, ScrapDogs will focus on marketing/outreach, and host community gardening, as well as composting workshops and educational seminars in schools. “Our focus now is on optimizing the process and to focus on the financial performance of the project on both sides — collection and compost production,” Blackmer says. Contact: David Sims, 207.581.3244, david.sims@maine.edu

More than 230,000 pounds of produce donated through Maine Harvest for Hunger in 2018

18 Dec 2018

In 2018, volunteers statewide in the University of Maine Cooperative Extension’s Maine Harvest for Hunger program donated 231,752 pounds of produce directly to neighbors in need and to 187 sites, including food pantries, soup kitchens and low-income senior centers. The monetary value of the produce donated is estimated at almost \$400,000. More than 500 volunteers, including UMaine Extension’s Master Gardener Volunteers, collectively logged 2,664 hours to grow, glean and/or transport donated food to distribution sites. Because it is not always economical for farmers to harvest everything they grow, more than 100 farmers worked with Maine Harvest for Hunger to ensure that their produce, which would have otherwise been wasted in the field, went to food-insecure Mainers who often lack access to fresh, high-quality and nutritious fruits and vegetables. Since Maine Harvest for Hunger’s inception in 2000, volunteers have distributed nearly 2.9 million pounds of fresh produce to Maine residents grappling with hunger. UMaine Extension’s statewide program has mobilized gardeners, farmers, businesses, schools and civic groups to grow, glean and donate high-quality produce to distribution sites and neighbors in need with the objective of mitigating hunger, improving nutrition and health, and helping recipients develop lifelong positive nutritional habits. In the past year, Maine Harvest for Hunger also focused on educational programs that engage food pantry recipients, seniors and community gardeners in growing more of their own produce and learning practical methods of cooking and using fresh produce. According to the [USDA Economic Research Service](#), Maine has the highest rate of food insecurity in New England and the ninth highest rate of food insecurity in the United States. Furthermore, USDA-ERS indicates that Maine has the third highest rate of “very low food security” in the nation. According to [Feeding America](#), about one in five (21.4 percent) Maine children experience food insecurity. It is 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. To connect with the Maine Harvest for Hunger program, contact a local [program coordinator](#). More information about how to support the program is [online](#). Contact: Frank Wertheim, 207.324.2814, frank.wertheim@maine.edu

Outreach efforts, direct approaches needed to inform public about moving potentially infested firewood

18 Dec 2018

Continued development and dissemination of outreach materials on the risks and regulations associated with moving potentially infested firewood are essential to reduce the spread of invasive forest pests, according to University of Maine researchers. How campers’ knowledge of forest insects affects the transportation of firewood is the focus of a recent study led by John Daigle, UMaine professor of forest recreation management. Results showed informational efforts, as well as direct approaches, such as confiscating illegally transported firewood, issuing warnings or administering fines, are needed to keep the public informed about the dangers of invasive forest pests, including emerald ash borer (EAB) and Asian longhorned beetle. “EAB infestations are located in Maine and in small areas near the northern and southern borders, so planning and management efforts are extremely timely to dramatically decrease the rate of EAB spread into other locations of Maine,” Daigle says. “The natural spread of EAB is less than a mile to a few miles, assisted by wind,” says Daigle. “It is the

human-assisted movement of EAB through transportation of infested ornamental ash trees and firewood that has dramatically increased the rate of spread of EAB nationwide. Therefore, efforts are needed to evaluate and assess techniques to optimize the effectiveness of education and outreach about the risks of transporting infected trees and firewood.” Target populations in Maine are recreational campers, both in-state and out-of-state, as well as people who own camps and those who use firewood to heat their home, says Daigle, lead author of the study that was published in the journal *Forest Science* in December. Other UMaine researchers involved in the project are Jessica Leahy, professor of human dimensions of natural resources; Sandra De Urioste-Stone, professor of nature-based tourism; and Darren Ranco, a professor of anthropology and coordinator of Native American Programs. Crista Straub of Unity College and Nathan Siebert, a forest entomologist with the USDA Forest Service’s Northeastern Area State and Private Forestry, also contributed to the study. The researchers conducted a survey of 272 campers at 18 campgrounds in Maine, New Hampshire and Vermont. More than 25 percent reported they often or always brought firewood from home for camping. Most — 92 percent — had heard of invasive forest pests, but fewer than 25 percent could give an example without being prompted. In Maine, movement of nontreated firewood from out of state is prohibited. Individuals who bring in nontreated firewood risk having the wood confiscated and being fined. Outreach materials, such as roadside signs, brochures, bumper stickers, public service announcements, and information posted at campgrounds encourage campers to leave wood at home and use firewood that has been locally sourced near their recreational destination. Campers provided suggestions to improve current outreach and education efforts, such as illustrating more of the detrimental effects forest pests have on trees near homes or recreation areas. Most survey respondents indicated they are concerned about invasive forest pest threats, which is consistent with high involvement. However, highly involved campers were just as likely as the less-involved respondents to bring firewood from where they live. Some campers who brought firewood from home gave reasons such as personal savings or no confirmed detections of forest pests where they live, even when acknowledging the risks of invasive forest pests. The researchers determined a need for reassessing the arguments given to campers about leaving firewood at home. New arguments could address the more primary beliefs, such as the gap in time often seen before areas are officially determined to have forest pests, and the costs incurred by campgrounds with the spread of forest pests. The team found there is a critical need for continued research that evaluates outreach efforts to inform the public about invasive forest pests. The efforts should improve recall and behavior of not transporting nontreated firewood long distances. To increase compliance with firewood movement regulations, results suggest that some campers with low involvement who are less inclined to seek out information may need more direct approaches, including random check stations to confiscate, issue warnings, and possibly administer fines for moving nonlocal firewood. “These efforts would decrease the rate of EAB spread and increase life spans for ash to grow and be utilized for lumber and ash products such as furniture, paddles and baskets,” Daigle says. “Importantly, the decrease in the rate of EAB spread would help delay or reduce costs to cities, towns and private landowners needing to remove dead and dying trees that may pose hazards to people or property. Reducing the rate of EAB spread also would help maintain the cultural practices of the Wabanaki citizens in Maine and centuries-old basketmaking traditions, as well as additional time to plan and implement mitigation strategies.” The team recommends future research that focuses on individuals who have experienced areas of outbreaks or infestations over several years in relation to their attitudes of bringing firewood from home. The researchers also suggest incorporating positive advances in management practices to control and reduce the spread of invasive forest pests in public outreach materials. Contact: Elyse Catalina, 207.581.3747

Want to farm? Free UMaine Extension 4-H enterprise series shows youth how

19 Dec 2018

University of Maine Cooperative Extension will host a free youth farm enterprise workshop series 1–3:30 p.m. Dec. 27, 28 and 31, at the UMaine Extension York County office in Springvale. Designed for aspiring farm entrepreneurs ages 12–18, topics include considerations for starting a farm enterprise, selecting a record-keeping system, understanding a business plan, marketing basics, and grant and loan sources. Participants are asked to attend all three sessions. The series is free; materials and snacks will be available. To register, for more information or to request a reasonable accommodation, contact Elizabeth Clock, 324.2814; elizabeth.clock@maine.edu.

Hutchinson Center announces early college opportunities for high school students

19 Dec 2018

Beginning Jan. 22, the University of Maine Hutchinson Center in Belfast will offer spring courses for qualified high school students as part of UMaine’s early college programming. Students and parents are encouraged to contact Allison Small, Early College Programs coordinator, at 581.8004 or allison.small@maine.edu to learn more about the application process. Courses at the Hutchinson Center are small, personal, taught by UMaine faculty and meet general education requirements of the University of Maine System, as well as the majority of colleges nationwide. Live courses offered for spring 2019 are:

- BIO 122/123 General Biology/Lab
- CHY 121/122 General Chemistry I/Lab
- CMJ 103 Public Speaking
- ENG 101 College Composition
- ENG 317 Business and Technical Writing
- HTY 103 Creating America to 1877
- MAT 101 The Nature and Language of Mathematics
- PSY 100 General Psychology
- PSY 230 Social Psychology
- THE 117 Fundamentals of Acting

More than 70 courses are available in a variety of formats to qualified students. Through a partnership between the Maine Department of Education and the University of Maine System, tuition will be waived for all qualified high school students to cover up to 12 college credits per year. Priority is given to junior and senior students. High school students who participate in early college courses are more likely to graduate from high school, attend and persist in college, and achieve tuition savings that can lower student loan debt.

BDN publishes op-ed by Howard

19 Dec 2018

The [Bangor Daily News](#) published an opinion piece by Michael Howard, a professor of philosophy at the University of Maine, titled, “We have two years to

avoid climate disaster. A carbon fee and dividend will help.” 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.

Wertheim quoted in Maine Public report on Maine Harvest for Hunger

19 Dec 2018

Maine Public quoted Frank Wertheim, an associate extension professor of agriculture/horticulture with University of Maine Cooperative Extension, in a report on Maine Harvest for Hunger. The program, run by UMaine Extension, has donated 23,000 pounds of produce this year to food pantries, soup kitchens, and directly to people in need, according to Maine Public. This is the result of efforts by more than 500 volunteers, who sometimes go to farm stands at the end of the day and pick up produce that would not otherwise be purchased and eaten. “Whereas on other farms they’re calling us when they’re done harvesting particular crops, and they know that there’s more in the field, and it’s going to go to waste because they’ve already got what they can get to market to market,” Wertheim said. Maine has the highest rate of food insecurity in New England and the ninth highest in the United States, according to the report. The Associated Press also reported on the Maine Harvest for Hunger’s yearly donation total. [U.S. News & World Report](#) and [News Center Maine](#) carried the AP report.

Social media spotlight: Arielle Spalla

20 Dec 2018

Hometown: Yorktown, Virginia Arielle Spalla, a junior pre-med microbiology major, will graduate in the spring, travel for a year and read books she hasn’t had time for during her undergraduate career. Then she’ll enroll at Tufts University School of Medicine. For her capstone, she’s doing a literature review for the lab of Melody Neely, an associate professor of molecular and biomedical sciences, about the role MicroRNAs play in infection. “MicroRNAs (miRNAs) are short, noncoding RNAs that play a huge role in regulating gene expression and are similar across species. Intracellular bacteria are known to manipulate the host cell’s miRNA for their own benefit, but how exactly they accomplish this and their clinical application in infectious disease are areas of ongoing research. I’ve wanted to pursue a career related to microbiology since I first peered through a microscope in my high school biology class, and hope this foundation will make me a better doctor. Understanding how pathogens operate at a molecular level is crucial to identifying how we can coexist and combat them when necessary. I want to specialize in geriatrics, and the elderly are particularly susceptible to infectious diseases because of their weakened immune systems. I volunteer at Northern Light Eastern Maine Medical Center, transporting patients in wheelchairs and assisting with check-in at the front desk. On campus, I’m involved in the Maine Society for Microbiology, and I love to tutor for Student Support Services and the Tutor Program. My grandparents are my best friends — we cook, shop and watch our favorite TV shows together. Exercise is also a key part of what keeps me sane with a difficult course load. Running is a great way to de-stress, but since moving to Maine, I’ve discovered my love for snowboarding. I love that the student body at UMaine is so passionate. I recently started a new club called Maine Effective Altruism, and together I know we can harness that student energy to make a difference in the lives of our local and global community.” See a post featuring Spalla on UMaine’s [Facebook](#) page.

The Ellsworth American speaks with Bicks about Shakespeare recipe book

20 Dec 2018

[The Ellsworth American](#) spoke with Caroline Bicks, a professor of English and the current Stephen E. King Chair in Literature at the University of Maine, about a book she co-wrote with Michelle Ephraim, an associate professor in humanities at Worcester Polytechnic Institute. The book, “Shakespeare, Not Stirred: Cocktails for Your Everyday Dramas,” was published in 2015 and contains cocktail and hors d’oeuvre recipes inspired by Shakespeare’s characters, as well as historical anecdotes about the playwright and his works. “We wanted to find a way to experiment with humorous writing and Shakespeare,” said Bicks. “We really wrote it to make ourselves laugh and help us through the slog of everyday.” Earlier this month, the book was listed on Business Insiders’ “22 Unique Gift Ideas for Everyone in the Family,” according to the article. “I’m pleasantly surprised when it shows up on gift lists,” Bicks said.

Maine Edge interviews Ranasinghe about Virtual Cocktail

20 Dec 2018

[The Maine Edge](#) interviewed Nimesha Ranasinghe, an assistant professor in the School of Computing and Information Science at the University of Maine, for an article about his Virtual Cocktail invention. “I’m not creating technology, I’m creating experiences,” said Ranasinghe, whose research focuses on multisensory interactive media, augmented reality and human-computer interaction. The Virtual Cocktail, or Vocktail, is designed with RGB LED lights, scent cartridges and silver electrodes to simulate a beverage experience through color, taste and smell by adjusting the settings through a connected smartphone app. It also is designed to augment the flavor of an existing beverage, the article states. “If you don’t like the taste of your drink, the Vocktail can change it,” Ranasinghe said. Ranasinghe told The Maine Edge he is “focusing on health problems now and in the near future,” for example, using his invention to help address obesity and other issues by simulating flavor experiences without the salt, sugar and other ingredients that can contribute to health problems when consumed in excess.

BDN mentions Maine Harvest for Hunger, quotes Garland in article on gleaning

20 Dec 2018

The [Bangor Daily News](#) mentioned the University of Maine Cooperative Extension’s Maine Harvest for Hunger program and quoted Kate Garland, a horticultural professional with UMaine Extension, in an article about gleaning. For the last seven years, volunteer Charlie Boothby has been visiting the Brewer Farmers Market after hours to collect food that otherwise would be composted or fed to livestock to bring it to local food pantries. His gleaning efforts began when Garland was looking for volunteers for an aftermarket gleaning project, which at the time was an offshoot of Maine Harvest for Hunger, the article states. Maine is the seventh most food insecure state in the nation and the most food insecure state in New England, according to 2017 data from the United States Department of Agriculture, the BDN reported. Gleaning can help alleviate this by providing food pantries with more fresh, local food. Garland told the BDN the aftermarket gleaning began in 2011 at the Orono Farmers Market, expanded to the Brewer and Bangor markets in 2012 and 2015, and has

collected 74,203 pounds of food so far. The program's success depends on the consistency of volunteers like Boothby who show up at the markets every Saturday to collect food. Garland said Boothby, who plans to retire soon, has been instrumental in the success of the program and has helped set it up well to grow in the future. "Charlie Boothby deserves a huge spotlight on him for his service. We're still trying to find volunteers to fill his shoes," said Garland. Anyone interested in volunteering to help with farmers market gleanings can email Garland, katherine.garland@maine.edu.

UMaine Cohen Institute to offer new internship at The Cohen Group

21 Dec 2018

The William S. Cohen Institute for Leadership & Public Service at the University of Maine will offer a new internship program for undergraduate students beginning in spring 2019. The internship will be with The Cohen Group in Washington, D.C. The Cohen Group was formed by former Secretary of Defense William S. Cohen to help enterprises large and small compete in the global marketplace. "This opportunity is like no other offered at the university," says Peter Madigan, board chair of the Cohen Institute. "The idea to take an undergraduate and allow that student to immerse themselves at a global firm in this field is a first. Secretary Cohen has been so generous with his support for the institute and the School of Policy and International Affairs." "The University of Maine has been known for the quality of students that have worked on Capitol Hill," says Richard Powell, director of the Cohen Institute and a professor of political science at UMaine. "We are grateful to have our first internship offered as part of the institute's programming. This is an incredible world-class experience for our students." The first intern to be selected for the program is Adam Fortier-Brown, a senior from Randolph, Maine, who is studying economics and political science at UMaine and is a past UMaine Congressional Intern. "It is really interesting to learn how the world works, and how we can improve it," says Fortier-Brown. "I have had a strong desire to give back to my community since I was very young, and wish to seek a career in public policy." Fortier-Brown has had an interest in politics since high school when he attended the American Legion programs Boys State, a summer leadership and citizenship program, and Boys Nation, an annual forum focused on civic training, government and leadership. "I am very excited to work in D.C. in the private sector, to see the other end of policymaking and implementation," says Fortier-Brown. "The Cohen Group is full of top-shelf talent, with an extensive list of impressive accomplishments, and I am looking forward to learning a lot from this. I think this will be an invaluable experience for me, and will be in the exact line of work I had been hoping to seek employment in." Fortier-Brown is a brother of Beta Theta Pi fraternity and co-director of the inaugural Maine chapter of Camp Kesem, which supports children affected by a parent's cancer through year-round programs, including a free summer camp. He also enjoys boating with friends and family, golfing and traveling while learning about different cultures and opinions from across the nation and world. "The Mitchell Institute is providing me with a fellowship award that will help make the big move down to D.C. much easier. This organization has supported me all throughout my college career, and I am incredibly grateful for the work that they do for Maine students," says Fortier-Brown, who also credits his experience in the Peter Madigan '81 Congressional Internship Program with contributing to his selection for The Cohen Group internship. After graduation, he plans to work in Washington, D.C. before returning to Maine and going to law school. Contact: Cleo Barker, 207.581.3729

Learn to hold effective meetings at five-session workshop

21 Dec 2018

University of Maine Cooperative Extension and Maine Sea Grant, in partnership with York Adult Education, are offering a five-session winter workshop for people interested in building skills for effective meetings and group work. Participants will meet 3–7 p.m. Jan. 15 and 29, Feb. 12 and 26, and March 12 in the adult education classroom at York Middle School. Snow dates are March 19 and 26. Instructor Kristen Grant has 20 years of experience providing interactive, educational programs and work in team settings. The workshop features experiential learning with peers, including practice helping groups make decisions, solve problems, manage time, meet goals and resolve conflicts. The \$125 fee includes course resources and refreshments. Enrollment is limited to 15 people; registration is required online by Jan. 8. For more information or to request a reasonable accommodation, contact UMaine Extension, 324.2814. More information also is available [online](#) or by contacting Grant at 646.1555, ext. 115; kngrant@maine.edu.

Portland 4-H club volunteers at Ronald McDonald House, News Center Maine reports

21 Dec 2018

[News Center Maine](#) reported members of the Portland High School 4-H club recently volunteered at the Ronald McDonald House in Portland. The students made dinner and dessert for families coping with their children being hospitalized over the holidays, the article states. The PHS 4-H club is a leadership and service-learning group that meets at the school and is co-sponsored by the Portland Mentoring Alliance, a service of Portland Public Schools. The club has been active for six years teaching science to younger kids, making meals for Ronald McDonald House, taking college tours, and attending the 4-H@UMaine teen conference. Last year the club had four members receive Maine 4-H Foundation scholarships. The club, home to many members from the refugee and asylum seeker community, is helpful to those teens who want to learn more about their new home. The club currently has 19 members.

WABI quotes Ralph in report on UMaine beginning search for new head football coach

21 Dec 2018

[WABI](#) (Channel 5) reported the University of Maine is starting the search for a new head football coach following current head coach Joe Harasymiak's announcement that he will take a position at the University of Minnesota. Harasymiak was head coach at UMaine for three seasons, and assistant coach for four years, and will be remembered for this past season's NCAA tournament run, WABI reported. "The big thing is for someone to really understand our culture. To understand some of the challenges we have at Maine," said Ken Ralph, athletic director at UMaine. "Do you understand the type of student we attract, what we want to keep this momentum going? We feel like we're in a good spot with this football program."

Caribou native named dean of University of Maine Cooperative Extension

21 Dec 2018

Caribou, Maine native Hannah Carter has been named dean of University of Maine Cooperative Extension, effective May 1. Carter is an associate professor in the Department of Agricultural Education and Communication at the University of Florida (UF), which is part of the Institute of Food and Agricultural Sciences (IFAS). She also directs UF's Wedgworth Leadership Institute for Agriculture and Natural Resources, and is interim director of the UF/IFAS Center



for Leadership. [caption id="attachment_64756" align="alignright" width="223"] Hannah Carter[/caption] Carter received her Ph.D. and master's degree in agricultural education and communication, specializing in agricultural leadership and Extension education, from the University of Florida, and has been a member of the UF community since 1997. She is a graduate of the University of Maine at Presque Isle. "For more than a decade, Dr. Carter has been involved in leadership development programming on state and national levels, particularly as it pertains to agriculture and Cooperative Extension," says Jeffrey Hecker, UMaine executive vice president for academic affairs and provost. "She also knows UMaine Extension and the difference it can make — from 4-H, the most successful out-of-school youth education program in Maine, to the integrated pest management program that supports the state's agriculture industries. The fact that, following an extensive national search, the candidate who rose to the top of the applicant pool has deep roots in Maine is the icing on the cake. We are thrilled that Hannah will return to her home state to lead the university's most extensive community outreach enterprise." In UF's Institute for Food and Agricultural Sciences, Carter's focus has been on creating and delivering Extension leadership development programs for internal and external audiences. As a tenured faculty member, her undergraduate and graduate teaching in leadership development includes a graduate course in Extension administration. The Wedgworth Leadership Institute focuses on developing capabilities of leaders in Florida's agriculture and natural resources industries. Carter creates leadership development programming for institute participants, and conducts additional leadership workshops nationwide. The Institute of Food and Agricultural Sciences, where Carter is interim director of the Center for Leadership, is a federal-state-county partnership dedicated to "developing knowledge in agriculture, human and natural resources, and the life sciences, and enhancing and sustaining the quality of human life by making that information accessible," according to the university's website. Carter's research specializations include leadership programming for adults, motivations of adult learners, and leadership development in agricultural industries. She has received numerous awards for research papers and presentations, and in June she was presented the Outstanding Educator Award by the Florida Nursery, Growers and Landscape Association. "I have a passion for people, for agriculture and for 4-H, and I am so excited for the opportunity to return home and apply all my experiences for the benefit of the state of Maine. This position is one that I aspired to, and I look forward to beginning my new position in May," Carter says. Contact: Margaret Nagle, 207.581.3745

Nick Charlton named UMaine football head coach

22 Dec 2018

Orono, Maine — Nick Charlton has been named the 36th head football coach of the University of Maine, effective immediately. "I am extremely excited and humbled to be named the head football coach of the University of Maine," says Charlton, who has served as offensive coordinator at UMaine since February. "My family and I are very passionate about the UMaine community and the direction Dr. Ferrini-Mundy and Ken Ralph are taking our university. We are already hard at work to elevate the new standard we have set for Black Bear Football." Charlton brings a depth of experience, and demonstrated leadership at the University of Maine and Boston College, says UMaine President Joan Ferrini-Mundy. "He knows UMaine and our program, and has been a mentor to our student-athletes, on and off the field. With his help, UMaine football ignited Black Bear Nation this fall. We look forward to the 2019 season." "We are thrilled Nick has agreed to become the next head coach of the University of Maine Black Bears football program," says Ken Ralph, director of athletics. "It was important to us to keep the momentum going with the program and Nick has demonstrated he is ready for this next challenge in his professional life. I know our players share a strong personal connection with Nick, and he is fully capable of helping each of them reach their academic and athletic goals." Charlton, who will enter his fifth year on staff at UMaine in 2019, spearheaded an offense that helped guide the Black Bears to the 2018 Colonial Athletic Association (CAA) outright championship and Maine's first-ever spot in the Football Bowl Championship (FCS) semifinals. Under his leadership, UMaine produced its best scoring offense (26.5 points per game) since the 2013 season. Individually, Charlton schemed an offense that helped pave the way for Ramon Jefferson to become the first freshman in school history to rush for 1,000 yards in a season. Jefferson completed the season ranked fourth in the CAA at 86.4 rush yards per game. Charlton also mentored second-year quarterback Chris Ferguson to a career year, which saw him pass for 2,372 yards and 22 touchdowns while earning a spot on the College Football Performance Awards FCS National Performer of the Year Watch List. Ferguson's most impressive performance came in Maine's FCS second-round victory over Jacksonville State. Charlton's play calling helped guide Ferguson to a career-high, and Maine playoff record, five touchdown passes. Maine's offense racked up a season-high 55 points and 427 total yards in the postseason victory. In addition, Maine's receiving core thrived under the guidance and offensive creativity of Charlton. Three Black Bears finished the season ranked in the top 10 of CAA leaders in receptions led by Earnest Edwards, who tallied 53 catches for 839 yards and 10 touchdowns. Senior Micah Wright racked up 47 receptions and six touchdowns, capping his career ranked fifth on Maine's all-time receptions list (168) and fifth all-time in receiving yards (2,233). Individually, the Black Bears earned five CAA all-conference offensive accolades. Charlton joined the UMaine staff in spring 2015 as an assistant coach with the wide receivers. He was named UMaine's special teams coordinator in April 2016, a role he held until this past February. In all, Charlton has helped produce 12 all-conference players during his time at UMaine. Throughout the 2017 season, Maine's special teams production proved to be consistently impressive. The Black Bears' kickoff return game, led by Edwards, the All-CAA kick return selection, ranked second overall in the CAA at 22.5 yards per return. Edwards led all kickoff returners (24.5 yards per return), including a 95-yard touchdown return against UMass at Fenway Park. Maine's special teams unit ranked in the top five in the CAA in three categories, including kick return (second), kick coverage (third with 40.6 net) and punt return (fifth with 8.7), led by All-CAA specialist Mozai Nelson. Offensively, Charlton's wide receiving corps helped usher in first-year quarterback Ferguson. The Black Bears finished the year fifth in the CAA at 214.2 passing yards per game, with three of its receivers ranking among the CAA's top 20 in receiving yards per game. Under Charlton's tutelage in 2016, Maine's wide receiver unit ranked third in the league in pass offense. Despite playing in only nine games, Wright ranked in the top five of league leaders in receiving yards per game and receptions per game. Charlton's guidance helped Wright to an All-American honorable mention accolade, as well as an all-conference first team selection. Aside from the production he mentored at the wide receiver position, Charlton also made strides with Maine's special teams

unit in his first year as coordinator. Maine's kickoff unit ranked second in the CAA, while the punt return team finished third in the league. Wright, who earned a second team all-conference nod at punt return, led the league in punt return average. Edwards also earned an all-conference honor for his performance on kickoff return. Each player also was honored as CAA Special Teams Player of the Week. In 2015, Charlton led one of only two receiver units in the CAA with two All-Conference performers. Wright recorded the best statistical season for a freshman receiver in Maine history — 61 receptions, 818 yards and five touchdowns while earning second team All-CAA honors. Jordan Dunn also was named third team All-CAA with 56 receptions, 595 yards and three touchdowns. Charlton came to Maine after serving three years at Boston College as a graduate assistant under head coach Steve Addazio and then Boston College offensive coordinator, and now Ohio State head coach Ryan Day, where he worked on offense with the quarterbacks in 2014. Charlton helped mentor Boston College quarterback and Pittsburgh Steelers signee Tyler Murphy, who set the ACC single-season quarterback rushing record with 1,184 yards. During the 2013 campaign, Charlton was part of a Boston College offense that manufactured a record-setting rushing attack, with Heisman Trophy finalist Andre Williams and three future NFL offensive linemen. Also in 2013, Charlton assisted in coaching Boston College's all-time leading receiver Alex Amidon and future San Diego Charger quarterback Chase Rettig. Charlton, as part of back-to-back bowl appearances with the Eagles, participated in the Advocare V100 Bowl and the New Era Pinstripe Bowl. In 2012, Charlton served as the recruiting graduate assistant and assistant to the special teams coordinator. Charlton graduated from Boston College in 2011 with a bachelor's degree in philosophy. He received a master's degree from Boston College's Woods School of Advancing Studies. Charlton, a Salem, Massachusetts native, and his wife, Maria, have a daughter, Madeline. **The Nick Charlton File:** Birthdate (Age): December 20, 1988 (30) Birthplace: Virginia Beach, Va. Family: Wife, Maria; daughter, Madeline (Age 1) High School: Salem High School (Mass.) College: Boston College, Bachelor of Arts in Philosophy, minor in History (May 2011); Boston College Master of Science in Administrative Science (Dec. 2013) **Coaching Experience:** UMaine Head Coach: Dec. 2018 UMaine Offensive Coordinator/QBs: Feb. 2018–Dec. 2018 UMaine Special Teams Coordinator/WRs: April 2016–Feb. 2018 UMaine Wide Receivers Coach: March 2015–April 2016 Boston College Offensive Graduate Assistant: Feb. 2013–Feb. 2015 Boston College Recruiting Graduate Assistant: Jan. 2012–Jan. 2013 Boston College Assistant to the Special Teams Coordinator: Sept. 2012–Dec. 2012

Media report on Chancellor Page's retirement

26 Dec 2018

Multiple media outlets, including the [Portland Press Herald](#), [Bangor Daily News](#), WABI (channel 5) and [WVII](#) (channel 7), reported that University of Maine System Chancellor James Page will retire at the end of the academic year. Page, who started the job in March 2012, is the first Maine native and university system alumnus to be chancellor. The system anticipates that after a national search, a successor will be in place by this summer. [Maine Public](#) carried the AP story.

Beyond Pesticides shares Gardner's mosquito control findings

26 Dec 2018

[Beyond Pesticides](#) published a University of Maine media release about a study that found adding blackberry leaf litter in stormwater catch basins creates an "ecological trap" that entices mosquito females to lay eggs in sites unsuitable for larvae survival. This new "attract-and-kill" mosquito control tool shows potential for preventing the breeding of mosquitoes that may carry insect-borne diseases, according to the release. "This suggests that ecologically based strategies could [be exploited] for environmentally safe and sustainable mosquito abatement," says Allison Gardner, UMaine assistant professor of arthropod vector biology and lead author of the study.

Gill talks with Down East about her favorite place

26 Dec 2018

Jacquelyn Gill recently talked with [Down East Magazine](#) about her favorite place — Gorham Mountain in Acadia National Park. The University of Maine paleoecologist first experienced the park as an eighth-grader on a field trip. When she was a student at the College of the Atlantic, the park was a classroom, laboratory, gorgeous recreation area and place of discovery. Gill now shares stories with park visitors with iSWOOP — Interpreters and Scientists Working on Our Parks. "So it's just a great opportunity to show people not only how the park works and how the natural systems operate, but also that Acadia is an active place — it's not just some sort of preserved snapshot," she says.

BDN chooses 3 UMaine-related athletic stories as most inspiring of 2018

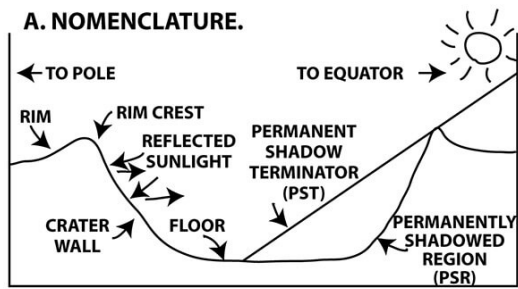
26 Dec 2018

The [Bangor Daily News](#) chose three University of Maine-related accomplishments for its most inspiring stories of 2018. One was that after first-year football player Darius Minor collapsed and died of a heart condition during a supervised July workout, the Black Bears notched a 10–4 record and advanced to a Football Championship Subdivision national semifinal for the first time in school history. A second inspiring story involved Tracy Guerrette, a former UMaine basketball player and coach, who now is a top distance runner. In last spring's Boston Marathon, Guerrette was the top Maine female finisher and placed 25th overall among all women, in 2 hours, 54 minutes, 2 seconds. She's training for the 2020 U.S. Olympic Trials. And, in 2018, coach Amy Vachon led the women's basketball squad to its first trip to the NCAA tourney since 2004. The Black Bears accomplished this after the team sustained heavy graduation and transfer losses and coach Richard Barron left due to a medical issue. Last season, the team also notched a 23–10 record and won the America East championship.

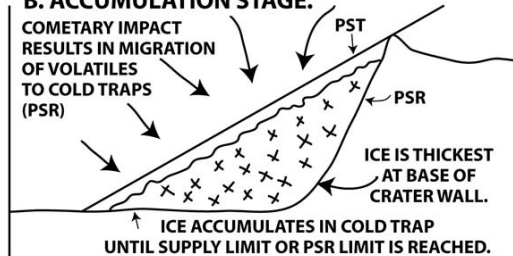
Scientists model Mercury's glaciers — from ancient formation at intergalactic impact to ongoing stability in the planet's shadows

27 Dec 2018

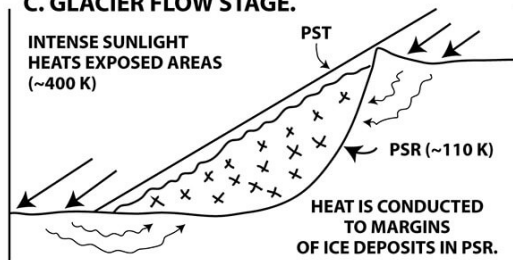
A. NOMENCLATURE.



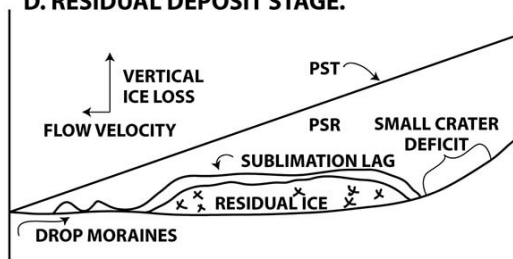
B. ACCUMULATION STAGE.



C. GLACIER FLOW STAGE.



D. RESIDUAL DEPOSIT STAGE.



The processes that led to glaciation at the cratered poles of Mercury, the planet closest to the sun, have been modeled by a University of Maine-led research team. James Fastook, a UMaine professor of computer science and Climate Change Institute researcher, and James Head and Ariel Deutsch of Brown University, studied the accumulation and flow of ice on Mercury, and how the glacial deposits on the smallest planet in our solar system compare to those on Earth and Mars. Their findings, published in the journal *Icarus*, add to our understanding of how Mercury's ice accumulations — estimated to be less than 50 million years old and up to 50 meters thick in places — may have changed over time. Changes in ice sheets serve as climatic indicators. Analysis of Mercury's cold-based glaciers, located in the permanently shadowed craters near the poles and visible by Earth-based radar, was funded by a NASA Solar System Exploration Research Virtual Institute grant for Evolution and Environment of Exploration Destinations, and is part of a study of volatile deposits on the moon. Like the moon, Mercury does not have an atmosphere that produces snow or ice that could account for glaciers at the poles. Simulations by Fastook's team suggest that the planet's ice was deposited — likely the result of a water-rich comet or other impact event — and has remained stable, with little or no flow velocity. That's despite the extreme temperature difference between the permanently shadowed locations of the glaciers on Mercury and the adjacent regions illuminated by the sun. One of the team's primary scientific tools was the University of Maine Ice Sheet Model (UMISM), developed by Fastook with National Science Foundation funding. Fastook has used UMISM to reconstruct the shape and outline of past and present ice sheets on Earth and Mars, with findings published in 2002 and 2008, respectively. "We expect the deposits (on Mercury) are supply limited, and that they are basically stagnant unmoving deposits, reflecting the extreme efficiency of the cold-trapping mechanism" of the polar terrain, according to the researchers. Contact: Margaret Nagle, 207.581.3745

Blackmer a source for Portland Press Herald composting story

27 Dec 2018

University of Maine economist Travis Blackmer talked with the [Portland Press Herald](#) about composting companies looking for new customers outside of Maine in order to continue growing. Three quarters of food waste in Maine goes to landfills or incinerators, according to the story, and there's a push to shift that waste to compost farms and biomass boilers to improve recycling rates and reduce the amount of trash going to landfills. But there's a shrinking pool of garbage in southern Maine and to keep growing, some companies are bringing in waste from out-of-state customers. "They probably have mostly all saturated the bigger customers on the Interstate 95 corridor from Kennebunk to Augusta," says Blackmer, adding that may explain why fewer than 10 food waste collection companies operate in the state, and why none serve large areas farther north, including Lewiston and Bangor. Without municipally funded programs to collect residential food waste, the market likely will stay small and concentrated in southern Maine, says Blackmer, who researches the solid

waste industry. “Municipal curbside collection is the growth model for composting. We might be two years away from that, five years away — it may never come.” The Associated Press also reported on the story, citing the Press Herald article and Blackmer. [The Washington Times](#) and WRAL in North Carolina carried the AP report.

Snell shares history of figgy pudding on Bill Green’s Maine

27 Dec 2018

Rachel Snell ’06 ’16G, was featured in the [Bill Green’s Maine](#) segment “Here’s your darn figgy pudding.” In her home kitchen, the Honors College lecturer made figgy pudding (also called plum pudding or Christmas pudding), that dates back to the 16th century in England and was the crown jewel of Christmas dinner. The dense, sweet breadlike pudding can include suet, raisins, flour, dried fruit, liquor and spices. While figgy pudding is still popular in England, it’s less prevalent here as American pudding has become more custardlike, says Snell, a specialist in 19th century North America, women’s history and food studies. Green said Snell’s figgy pudding tasted like Christmas. A recipe adapted by Snell is online in the story accompanying the video segment.

FOX 22 reports on Daigle’s study about firewood transportation, dangers of invasive forest pests

27 Dec 2018

[FOX 22](#) interviewed John Daigle about his study that found education, confiscation of illegally transported firewood, warnings and fines are needed to alert campers about the dangers of invasive forest pests and keep them from transporting firewood across state lines. The University of Maine professor of forest recreation management said the tactics are needed because 20–25 percent of campers surveyed from Maine, New Hampshire and Vermont said they still bring firewood from home when they camp. Emerald ash borer infestations are in Maine and in areas near the northern and southern borders, so management efforts are critical to decrease the rate of EAB spread into other locations of Maine, said Daigle. The emerald ash borer burrows into the bark of ash trees and kills them within three to five years. “Once it starts eating kind of the phloem area and creating these galleries, water nutrients can’t get up,” he said.

Public News Service covers ‘They Remember Me Still’

28 Dec 2018

[Public News Service](#) reported that Penobscot Nation member Carol Dana and University of Maine English professor Margo Lukens have created a bilingual book to preserve the Penobscot language that will be published in 2019. “They Remember Me Still” includes 13 tales about Penobscot cultural hero Gluskape that Newell Lyon told to Frank Speck, who wrote them in his phonetic notation in 1918. In “They Remember Me Still,” the expanded tales are in Penobscot and English. Conor Quinn, a University of Southern Maine linguist, assisted with the translation of the original stories. Audio recordings of Dana and other Penobscot speakers will be online. “A lot has happened to us throughout colonial history, but our stories speak of great power,” Dana told Public News Service.

Media post Fastook’s findings about Mercury ice accumulations

28 Dec 2018

[Phys.org](#), an internet news portal that carries science developments, ran a University of Maine media release about glacial deposits on Mercury. James Fastook, a UMaine professor of computer science and a Climate Change Institute researcher, studied the accumulation and flow of ice on Mercury, and how glacial deposits on the smallest planet in the solar system compare to those on Earth and Mars. Fastook modeled processes that led to glaciation at Mercury’s poles with James Head and Ariel Deutsch of Brown University. Their findings, published in *Icarus*, advance understanding about Mercury’s ice accumulations — estimated to be younger than 50 million years old and as thick as 50 meters. Simulations suggest the planet’s ice was deposited — likely the result of a water-rich comet or other impact event — and has remained stable, with little or no flow velocity. [Space Daily](#) carried the [UPI](#) story, and [Astronomy Magazine](#) and [Discover Magazine](#) also reported on the research findings.

Morning Ag Clips advances Cooking for Crowds training

31 Dec 2018

[Morning Ag Clips](#) ran a University of Maine release about Cooperative Extension’s “Cooking for Crowds – Food Safety Training for Volunteer Cooks” at 1 p.m. Jan 24 at the UMaine Extension office in Bangor.

BDN interviews Charlton about initial decisions as head football coach

31 Dec 2018

Recently named University of Maine football coach Nick Charlton, the youngest head coach in Division I at age 30, was interviewed for a [Bangor Daily News](#) article about some of his first responsibilities guiding the Black Bears — including hiring a coaching staff and recruiting. “Winning sells itself,” he said. “We’ve got that CAA trophy sitting in our office. We’ve got a million things to sell to these guys. What’s not to be excited about? What’s hotter than Maine right now?”

Jackson, Gallandt sources for BDN look at climate change, farming

31 Dec 2018

Tori Jackson and Eric Gallandt were sources, and the Maine Climate and Agriculture Network was referenced, in a multifaceted [Bangor Daily News](#) story about climate change as it relates to agriculture. The Maine Climate and Agriculture Network indicates the average length of the growing season in the state is 12–14 days longer than it was in 1930, and that the season is expected to continue to increase by two to three days per decade. “There is virtually no farmer in Maine who should not be concerned about climate change,” said Jackson, a University of Maine Cooperative Extension educator. “Irrigation is a big one —

farmers need to be thinking how to get water to livestock or crops as what used to be dependable water sources dry up year after year.” Gallandt, a UMaine professor of weed ecology, said, “If you look at total rain, we are getting as much as we ever did, but it’s not coming at the right time. Maybe 20 years ago you did not need irrigation on your farm, but now more and more farmers are irrigating during crucial periods of the growing season.” The changing climate also means that farmers are dealing with new pests and pest-related problems. “We are seeing insects and diseases that normally would not be able to survive here making their way northwards,” Jackson told the BDN.

The Politic interviews Wahle about effect of climate change on lobsters

31 Dec 2018

Rick Wahle was a source for a piece in [The Politic](#) about the impact of climate change on lobsters in Long Island Sound, where the crustacean population has reached historically low levels, and continues to dip. In 1998, Long Island Sound fisheries hauled in 3.7 million pounds of lobster. In 2015, they yielded 200,000 pounds. In 1975, the average winter temperature recorded off the New London coast was 36.5 degrees F; in the winter of 2012, it was a record-high average temperature of 45 degrees F. In addition, unsustainably low oxygen levels caused by pollution-driven algal blooms have impacted the Sound for decades, according to the story. Regulations have been put in place to try to preserve young lobsters and reproducing females so the adult lobster population will stabilize in subsequent generations. Wahle, a professor at the University of Maine and director of the Lobster Institute, said it takes lobsters from five to nine years to grow into the fisheries. Wahle helped develop the American Lobster Settlement Index (ALSI) to leverage data on lobster eggs and larvae to predict future lobster populations from southern New England to Canada. “We’ve developed a multi-dimensional tool to see how southern New England and the Gulf of Maine might respond to future climate changes,” he said. Changes in the food web, shell disease and ecological factors are included. “[We] bring the fishing industry and other stakeholders like fishery managers together with the talent at the University of Maine to address industry and fishery priorities. Data allow researchers, policymakers, and fisheries to decide on targets and caps before it is too late.” [Undark](#) also quoted Wahle in a report on the same topic titled, "Ghost fishing off Long Island's coast."

Sun Journal features Ranasinghe’s virtual cocktail creation

31 Dec 2018

The [Sun Journal](#) highlighted Nimesha Ranasinghe in a story that imagines a New Year’s Eve of drinking with no calories or hangover and eating broccoli and tasting chicken wings. Ranasinghe, a University of Maine assistant professor in the School of Computing and Information Science, created a vocktail glass with an electronic module on the rim, scent cartridges, air pumps and LED lighting. While it doesn’t turn water into wine — or into lemonade, gin and tonic, or chocolate — it can make people think that it did. As humanity moves from the information era into “the age of experience,” Ranasinghe said creating a multi-sensory environment that includes taste and smell will be crucial. Ranasinghe found that rapid heating and cooling created by changing electrical currents enable him to mimic different taste sensations, from the coolness of a mint to spiciness, according to the story. Ranasinghe adjusts electrical pulses to trick a person’s tongue into sensing bitterness, sourness and other experiences that mix together to simulate a taste. Ranasinghe told the Sun Journal that he’s passionate about pursuing ever more complex virtual creations, hoping someday to replicate texture and taste, to make it possible to eat a sliver of soy and imagine it’s lobster or steak or a Hershey bar ... or whatever.

UMaine News Press Releases from Word Press XML export 2018

Caleb Ardoin

02 Mar 2018

Jacquelyn Gill

03 Jan 2018

UMaine's MLK plaza

08 Jan 2018

Shamarukh Mohiuddin

09 Jan 2018

Emerald ash borer

10 Jan 2018

basket

10 Jan 2018

Summer University poster

12 Jan 2018

MBA degree online

19 Jan 2018

ECE 101 Lab

24 Jan 2018

ECE 101 Laboratory

24 Jan 2018

Mentoring graphic

25 Jan 2018

Ameican beech tree

26 Jan 2018

Paper bag test news feature

26 Jan 2018

Ellen Roberts Installation

30 Jan 2018

Skylar Bayer

31 Jan 2018

Kevin Staples

31 Jan 2018

Mattie Rodrigue

31 Jan 2018

Jarod Webb

01 Feb 2018

AFARI

06 Feb 2018

Acadia National Park

08 Feb 2018

Michaela Murray

09 Feb 2018

Rockweed

13 Feb 2018

Fogler Library

15 Feb 2018

Kayla Greenawalt

15 Feb 2018

Falkland Islands

15 Feb 2018

Isaiah Mansour

15 Feb 2018

Abigail Bennett

15 Feb 2018

Aliya Uteuova

15 Feb 2018

Corpus Christi parade

16 Feb 2018

Sarah Vogel

20 Feb 2018

Coming home map

26 Feb 2018

Maine coast

26 Feb 2018

Gwendelyn Hill

27 Feb 2018

Maine coast

05 Mar 2018

Gayle Zyldeski

05 Mar 2018

Taylor Michele Houdlette

09 Mar 2018

Jeremy Chubbuck

13 Mar 2018

Bee on a flower

15 Mar 2018

Kim-Marie Jenkins

16 Mar 2018

Gulf of Maine

16 Mar 2018

Charles C. Mann

19 Mar 2018

Aerial of UMaine engineering buildings

19 Mar 2018

Jerome Herrick

20 Mar 2018

Winslow Hal

20 Mar 2018

Jessica Cunney

20 Mar 2018

MSWC graphic

21 Mar 2018

David Mallett

22 Mar 2018

Frank Drummond

26 Mar 2018

Patricia Wen

26 Mar 2018

Yong Chen

30 Mar 2018

Senthil Vel

30 Mar 2018

Ivan Fernandez

30 Mar 2018

Coburn Hall

30 Mar 2018

Forest

30 Mar 2018

Iva Jugovic

30 Mar 2018

Bull statue

30 Mar 2018

Laura Cowan

02 Apr 2018

EEDC location

02 Apr 2018

UMaine graduate students in Washington, D.C.

03 Apr 2018

Noah Car

03 Apr 2018

Cameron Fudge

04 Apr 2018

Fogler Library

06 Apr 2018

Graham Van Goffrier

06 Apr 2018

Brianna DeGone

06 Apr 2018

Riley Bartash

06 Apr 2018

Cody Walker

06 Apr 2018

Brianna DeGone

06 Apr 2018

Graham Van Goffrier

06 Apr 2018

Stevens Hall

10 Apr 2018

Joan Ferrini-Mundy

10 Apr 2018

2018 Maine Impact Week

11 Apr 2018

Sustain Maine license plate

11 Apr 2018

Bryce Risley

13 Apr 2018

fish collector with shrimp

13 Apr 2018

UMaine divers

13 Apr 2018

Sen. Susan Collins

17 Apr 2018

Minecraft

17 Apr 2018

STEM Lecture

17 Apr 2018

Fogler Mall

19 Apr 2018

Mary Cathcart

19 Apr 2018

Memorial Union

19 Apr 2018

David Wheeler

20 Apr 2018

UMaine flag

24 Apr 2018

Tina Hedrick

24 Apr 2018

Austin Blake

24 Apr 2018

Yousuf Ali

24 Apr 2018

Marie France-Georges

24 Apr 2018

Callie Greco

24 Apr 2018

Katelyn Manzo

24 Apr 2018

Duc Ngoc Hong Nguyen

24 Apr 2018

Rachel Sirois

25 Apr 2018

Aliya Uteuova

25 Apr 2018

Aliya Uteuova

25 Apr 2018

Austin Blake

25 Apr 2018

Callie Greco

25 Apr 2018

Duc Ngoc Hong Nguyen

25 Apr 2018

Katelyn Manzo

25 Apr 2018

Marie France-Georges

25 Apr 2018

Rachel Sirois

25 Apr 2018

Tina Hedrick

25 Apr 2018

Yousuf Ali

25 Apr 2018

LAAST grant

25 Apr 2018

Follow a researcher

25 Apr 2018

Rural community road

25 Apr 2018

Maine Day volunteers

27 Apr 2018

Thwaites Glacier

30 Apr 2018

Engineering gift

02 May 2018

Engineering gift award

02 May 2018

UMaine's 215 Commencement

04 May 2018

Penobscot Nation artifact at the Hudson Museum

04 May 2018

Mehdi Tajvidi

08 May 2018

Nanocellulose materials

08 May 2018

Ponuwon Wocuhsis Brodeur

08 May 2018

Christian Zwirner

08 May 2018

Shellfish farming workshop

09 May 2018

Coral reef

09 May 2018

Maine Business School students

09 May 2018

2018 UMaine graduates

12 May 2018

J. Michael Weber

14 May 2018

Beginning of a Migrant Trail

14 May 2018

Human heart

14 May 2018

Migrants

14 May 2018

Green crabs

15 May 2018

Jacquelyn Gill

21 May 2018

Jacquelyn Gill

21 May 2018

Pinto gold potato

21 May 2018

Pinto Gold blossoms

21 May 2018

Aerial view of campus

22 May 2018

Emma Fournier

24 May 2018

Samantha Frank

24 May 2018

Danielle St-Pierre

24 May 2018

4-H Tech Changemakers

25 May 2018

Julie Gosse

25 May 2018

R. Lizzie Wahab

30 May 2018

Rob Wheeler

31 May 2018

Woman speaking

31 May 2018

MIRTA team presentation

31 May 2018

Qian Xue

31 May 2018

Amy Lyons

01 Jun 2018

Gavel and handcuffs

04 Jun 2018

Nicholas Richmond

05 Jun 2018

Oyster

07 Jun 2018

Iceland

08 Jun 2018

Geology Club in Iceland

08 Jun 2018

Scallops

11 Jun 2018

Coral reef

14 Jun 2018

Axolotl salamander

14 Jun 2018

Logan Sauer

14 Jun 2018

Cooperative Extension lab

15 Jun 2018

Transportation infrastructure

18 Jun 2018

Darling Marine Center

18 Jun 2018

Emily Lavertu

20 Jun 2018

Abigayl Novak

20 Jun 2018

Zebrafish reserachers

22 Jun 2018

Spruce tips

25 Jun 2018

Dan Perlman

25 Jun 2018

Teaching resource website

28 Jun 2018

Human brain

28 Jun 2018

Hope Kohtala

28 Jun 2018

Elderly man in bed

05 Jul 2018

Mussels, 2018 (detail) by Andy Mauery

05 Jul 2018

Glasses resting on a book

06 Jul 2018

Grandchildren of Hiroshima, 2018 (detail)

05 Jul 2018

Keyboard

05 Jul 2018

Earth from space

05 Jul 2018

Kathleen Brown

09 Jul 2018

Senior citizens walking outside

10 Jul 2018

the secret life of lobster

11 Jul 2018

Fiske Guide news feature

11 Jul 2018

newbridge

13 Jul 2018

newbridge (1)

13 Jul 2018

Twitter

16 Jul 2018

Sara Shelley

17 Jul 2018

Lichen

17 Jul 2018

Sara Rademaker

18 Jul 2018

Chris Gerbi

18 Jul 2018

Forestry workers in the woods

19 Jul 2018

Basket

19 Jul 2018

Ruffed Grouse

23 Jul 2018

Abby Elkins

26 Jul 2018

Emma Ober

31 Jul 2018

Kristy Townsend

31 Jul 2018

Barbara Clewley and Martha Gladstone

31 Jul 2018

Sweat bee on aster

01 Aug 2018

Lobster

01 Aug 2018

Forestry news feature

06 Aug 2018

Princeton Review news feature

07 Aug 2018

Barbed wire

13 Aug 2018

Biofuel

13 Aug 2018

Phyto Heros

13 Aug 2018

cropped-phytoheroes-icon

13 Aug 2018

Laura Paye

13 Aug 2018

Corrina Oakley

13 Aug 2018

Sarah Wagner

17 Aug 2018

Mackenzie Mazur

17 Aug 2018

Field house M

20 Aug 2018

Ken Ralph

20 Aug 2018

Winter in Maine

23 Aug 2018

Remote learning platform

27 Aug 2018

UMaine Rock Against Rape

27 Aug 2018

Coast of Maine

28 Aug 2018

Summer fieldwork

28 Aug 2018

Interns with Gov. LePage

30 Aug 2018

Engaged Black Bear digital badge

31 Aug 2018

People walking in the forest

05 Sep 2018

Canadian flag

06 Sep 2018

Lobsters

07 Sep 2018

First-year students on UMaine's Mall

07 Sep 2018

Richard Wahle

07 Sep 2018

Max Mauro

10 Sep 2018

UMaine students outside in fall

10 Sep 2018

Brick wall covered in ivy

11 Sep 2018

Trash on a beach

13 Sep 2018

Jaclyn Robidoux

14 Sep 2018

International students, faculty and researchers

14 Sep 2018

Lobster fishing

17 Sep 2018

Jon Velishka

18 Sep 2018

Mark Hutton

19 Sep 2018

Alex Kenney

20 Sep 2018

Children's story time

21 Sep 2018

Sarah Boomer

21 Sep 2018

Karina Nielsen

21 Sep 2018

Healing our democracy

24 Sep 2018

Nora Tyson

24 Sep 2018

Maine forest with moose

25 Sep 2018

Expanding Your Horizons

26 Sep 2018

Acadia National Park

26 Sep 2018

CCA gala

03 Oct 2018

Flee market

04 Oct 2018

Father and son looking at a cellphone

05 Oct 2018

Study abroad fair

09 Oct 2018

Rockweed

09 Oct 2018

Meredith White

10 Oct 2018

Zoe Vittum

11 Oct 2018

Angus Koller

11 Oct 2018

UMMA Director George Kinghorn

11 Oct 2018

Patch

16 Oct 2018

Aquaculture news feature

18 Oct 2018

JulyOSInostars-1268x815

18 Oct 2018

Boatbuilding at ASCC

18 Oct 2018

Bike rack on campus

19 Oct 2018

Plant identification

19 Oct 2018

William Ramsay and Eben Lenfest

19 Oct 2018

UMaine's marching band

22 Oct 2018

Shrimp fishing boat

22 Oct 2018

Weed management

26 Oct 2018

Grace Smith

26 Oct 2018

Engineering district

26 Oct 2018

Harvesting

31 Oct 2018

Middle school students using laptop computers

02 Nov 2018

Jaelee Vanidestine

05 Nov 2018

Alex Bromley

05 Nov 2018

Framing Maine

05 Nov 2018

Grace Pouliot

06 Nov 2018

Colin Eimers

06 Nov 2018

curious savage poster

07 Nov 2018

Dam removal

08 Nov 2018

Zachary Fisher

08 Nov 2018

Rain

13 Nov 2018

Hannah Horecka

15 Nov 2018

Justin Hafner

15 Nov 2018

Holiday Giving

15 Nov 2018

Augmented reality cocktail

15 Nov 2018

Pinecone basket

16 Nov 2018

Jennifer Neptune

16 Nov 2018

Sweetgrass gathering

16 Nov 2018

Students at Commencement

16 Nov 2018

Maine coast

20 Nov 2018

Jarvis Glacier

26 Nov 2018

Frozen lake

26 Nov 2018

Mosquito

29 Nov 2018

Emily Blackwood

29 Nov 2018

Poetry learning

30 Nov 2018

Oncorhynchus kisutch

06 Dec 2018

John Diamond

06 Dec 2018

Professor teaching

14 Dec 2018

Book award recipients

14 Dec 2018

Steneck coral

17 Dec 2018

Linda Archambault

17 Dec 2018

Bó Lait Farm

18 Dec 2018

Gleaning

18 Dec 2018

Firewood

18 Dec 2018

Arielle Spalla

19 Dec 2018

Hannah Carter

21 Dec 2018

Adam Fortier-Brown

21 Dec 2018

Graphics of ice on the planet Mercury

27 Dec 2018

Mercury and the Sun

27 Dec 2018