April 2016 news releases

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MISSOULA – The University of Montana Staff Senate recently awarded $3,000 in scholarships and awards to five students who are dependents of classified staff members at UM. The recipients include four current students and one incoming freshman.

The scholarship recipients are:

- Timberlee Plenger, pharmacy student and daughter of Emmalee Plenger of Human Resource Services;
- Angela Alva, elementary education student and daughter of Mick Alva in the Labor Department of Facilities Services;
- Samantha Croft, a student studying political science, economics and environmental studies, and daughter of Chris Croft of the UM Police Department;
- Spencer Chaffey-Haley, incoming freshman and son of Rozlyn Haley of the Equal Opportunity Office;
- Shane Cronin, a student studying physics, math and geosciences, and husband of Angie Cronin of the Curry Health Center.

Staff Senate Scholarships are open to incoming freshmen, continuing education students, graduate students and transfer students at UM – either on the Mountain Campus, at Missoula College or at Bitterroot College. Scholarships
are awarded based on academic success, letters of reference, community service, financial need and a biographical statement.

The Staff Senate raises funds for the scholarships through events such as the Diploma Dash 5K. Additional funds and awards are contributed by several other departments at the University including the Office of the President, University Center, Residence Life Office, The Bookstore, UM Police Department, Intercollegiate Athletics and UM Dining.

###

**Contact:** Judy Wellert, administrative associate, UM Staff Senate, 406-243-5422, judy.wellert@mso.umt.edu.
UM Hires New VP for Enrollment, Student Affairs

April 29, 2016

MISSOULA – The University of Montana has hired a new vice president for enrollment and student affairs.

Thomas Crady, vice president for enrollment management at Gustavus Adolphus College in St. Peter, Minnesota, will start his new duties at UM this summer. He will succeed Vice President for Student Affairs Teresa Branch, who will retire this spring after 13 years of service to UM.

“We conducted a rigorous national search, and Dr. Crady offered the right combination of outstanding experience in both enrollment management and student affairs management,” UM President Royce Engstrom said. “I am excited to add him to our team.”
UM's vice president for enrollment management and student affairs will oversee enrollment management functions, student support and advocacy areas, and auxiliary operations. Responsibilities range from developing effective strategies to help UM recruit and retain students to overseeing the offices currently in the Division of Student Affairs. That sector includes operations such as Campus Recreation, Curry Health Center, Residence Life, UM Dining and offices that serve veterans, Native American students and students with disabilities.

Crady has served as vice president for enrollment management at Gustavus Adolphus College since 2010. He was dean of the college at Dartmouth College from 2008 to 2009. He worked at Grinnell College in Iowa from 1982 to 2007, serving in roles such as vice president for student services, acting dean of admissions and financial aid, and associate dean of student affairs. He holds a Ph.D. in Education from Iowa State University.

“I'm honored to work for such a fine University,” Crady said. “I was very impressed with the dedicated faculty, staff and students I met with during my time on campus. The University is well positioned to continue to attract dedicated and talented students from Montana and beyond, and I'm thrilled about position and opportunities it offers.”

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**Contact:** Peggy Kuhr, UM vice president for integrated communications, search committee co-chair, 406-243-2311, peggy.kuhr@umontana.edu.
MISSOULA – The University of Montana has appointed Beverly C. Edmond to serve as provost and vice president for academic affairs for the 2016-17 academic year.

Edmond retired from Albany State University in Georgia in 2015 after an extensive career in higher education. In her new role, she will succeed Provost Perry Brown, who will retire this June after 21 years at UM.

The provost serves as the University’s No. 2 administrator. As chief academic officer, the position oversees UM academic operations and efforts to promote student success. The provost answers directly to UM President Royce Engstrom and serves on the president’s cabinet.

“Dr. Edmond will bring experience, deep expertise, and a warm personality to UM,” Engstrom said. "I feel fortunate
to have her as part of UM. We will learn a great deal from her.”

The University selected candidates for interim provost using the Registry, a service that provides senior-level administrators who are prescreened and immediately able to serve on a temporary basis. Four candidates interviewed on campus April 22.

“The University of Montana is one of this nation’s premier research institutions, and I am honored to have been selected to serve in this position,” Edmond said. “President Engstrom and his executive team have provided a level of transformative and progressive leadership that has successfully moved the University forward, and I am thrilled to become a part of this team.”

Edmond launched her career in higher education at Clark Atlanta University in Atlanta, where she served in several positions from 1994 to 2006. While at CAU, she chaired the Public Administration Department, as well as serving in the positions of associate provost and vice provost.

She joined Alabama A&M University in Normal, Alabama, from 2006 to 2010, serving as provost and vice president for academic affairs, as well as interim president for one year. At Albany State in Albany, Georgia, she was provost and vice president for academic affairs during 2013-14 and served as special adviser to the president from 2014 to 2015.

Prior to her career in higher education, Edmond held several administrative positions in the public sector.

Edmond holds a doctorate in political science with a concentration in public administration from Georgia State University in Atlanta.

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Contact: Peggy Kuhr, UM vice president for integrated communications, 406-243-2311, peggy.kuhr@umontana.edu.
UM Study: 11.7M Nonresident Travelers Spent Nearly $3.7B in Montana Last Year

April 28, 2016

MISSOULA – Nonresident travelers mean big bucks for Montana.

The final 2015 nonresident visitor numbers were released April 27 by the Institute for Tourism and Recreation Research at the University of Montana. Researchers found the 2015 economic contribution of 11.7 million nonresident travelers to Montana was $3.7 billion. These visitors directly supported more than $3.1 billion of economic activity and 46,000 Montana jobs and indirectly supported an additional $2 billion of economic activity and over 16,000 more jobs.

Visitation was up 7 percent in 2015, with 11.7 million travelers visiting the state during the year, said Kara Grau, ITRR.
assistant director of economic analysis. Forty-four percent, or 5.2 million, of those visitors were in the state during the third quarter of July through September.

Forty-eight percent of spending by travelers during 2015 occurred during the third quarter, totaling over $1.7 billion, with travel groups spending an average of $153.51 per day during those summer months.

During the first and second quarters of 2015, traveler groups spent an average of $156.29 and $130.55 per day respectively, and totaled $377 million and $800 million. Fourth quarter group spending averaged $156.04 per day, totaling nearly $744 million. Overall, nonresident travelers spent a total of $3.7 billion in Montana during 2015.

Though total spending by nonresident travelers was down 6 percent from 2014, much of that reduction is due to significantly lower fuel prices during 2015. A full 32 percent of travelers’ expenditures during 2014 went toward fuel. Much less of nonresidents’ daily travel budget went toward fuel purchases during 2015 – just 20 percent, in fact.

“Spending on fuel is generally the largest expense for nonresidents traveling in Montana,” ITRR director Norma Nickerson said. “That was still the case in 2015, but not to the extent that we’ve seen in the past. Traveling through our expansive state cost our visitors much less last year, meaning they were able to put that money toward other things and other experiences while they were here.”

For more information about the 2015 nonresident visitation and spending estimates, visit http://news.umt.edu/2016/04/042816itrr.php
UM Study: 11.7M Nonresident Travelers Spent Nearly $3.7B in Montana Last Year - UM News - University Of Montana

http://scholarworks.umt.edu/itrr_pubs/333/. All information and reports published by ITRR are available online at http://www.itrr.umt.edu.

###

**Contact:** Norma Nickerson, director, UM Institute for Tourism and Recreation Research, 406-243-2328, norma.nickerson@umontana.edu; Kara Grau, assistant director of economic analysis, UM Institute for Tourism and Recreation Research, 406-243-5107, kara.grau@umontana.edu.
UM President to be Honored by American Association of University Women

April 28, 2016

MISSOULA – The Missoula branch of the American Association of University Women will honor University of Montana President Royce Engstrom for his efforts to improve sexual assault response and prevention on campus.

The group will present Engstrom with an award during its luncheon, which will be held from 11 a.m.-1 p.m. Saturday, April 30, at the First Presbyterian Church Fellowship Hall located at 235 S. Fifth St. W. The award ceremony will take place from noon to 1 p.m. Gov. Steve Bullock also will be recognized for his work on gender-pay equality in Montana.

On the national level, AAUW advocates for gender-pay equality, education for women and sexual assault prevention. Local branches, including Missoula’s branch, support this work through state and federal legislation related to education and equality; by mentoring women in education and the workplace; by sponsoring community and campus action grants; and by offering scholarships and fellowships.

For more information on this event or Missoula AAUW, call branch President Cindy Garthwait at 406-243-2954 or email cindy.garthwait@mso.umt.edu.
Contact: Rebecca Power, assistant to the president, 406-243-2311, rebecca.power@mso.umt.edu.
UM Students Win Second Place in International Business Competition

April 27, 2016

MISSOULA – Three University of Montana students from the School of Business Administration became finalists in an online international business simulation after battling nearly 850 students and demonstrating world-class managerial expertise.

Yibo Fan, Ji Qiu and Yutong Tian won second place in the Capsim Spring 2016 Foundation Challenge, scoring 642 out of 1,000 possible points and 81 points above the third place winner. The team had 11 days to complete eight qualifying rounds and two days for the eight final rounds of the online simulation, competing with participants from 18 countries around the globe.

Qui and Tian are majoring in finance, and Fan is double majoring in accounting and finance with a minor in math. All three plan to graduate this spring.

The team used Foundation business simulation in a class taught by management information systems Professor Shawn Clouse and decided to put their skills to work in the Capsim Challenge.
“I learned many things as I played,” Tian said. “When I made mistakes, I read the reports to solve it. I believe I will meet the same challenges in my work in the future.”

Capsim Managing Director Reda Chafai said the challenge gives finalists a tangible, milestone achievement to add to their resume, showing their career readiness and business skills. These competencies are what the National Association of Colleges and Employers seek.

“No. 1 is critical thinking and problem solving,” Chafai said, “or how students use knowledge, facts and data to analyze issues, make decisions and overcome problems. This is the essence of the business simulation experience.”

Other participating countries in the Capsim Spring Challenge included Australia, Brazil, Denmark, Egypt, Israel, Russia, Thailand and the UAE.

This marks the fifth time UM students have placed in the top of the competition. Past winners include Curtis Wallette, who won first place in the spring 2013 competition; Christopher Chew, who won second place in fall 2013; Donna Weathers, who finished second in spring 2014; and Don Helliwell, who won fourth place in fall 2014.

The biannual Capsim Challenge is free and open to all students who have used the business simulations Capstone, Foundation or GlobalDNA in their school curriculum. Thousands of participants compete in running a multimillion dollar simulated company.

More than 600 business schools and corporations from around the country and abroad have participated in Capsim’s simulations.

To learn more about Capsim, visit http://www.capsim.com/.

Contact: Shawn Clouse, UM management information systems professor, 406-243-5985, shawn.clouse@umontana.edu.
UM World Rhythms Concert to Feature International Beats

April 27, 2016

MISSOULA – Jazz and drum ensembles will hit the stage with beats from around the world during the University of Montana’s annual World Rhythms Concert at 7:30 p.m. Saturday, April 30, in the Dennison Theatre on campus.

The concert will kick off with hot samba music from UM’s Brazilian Ensemble, followed by Latin-jazz pieces from the Salsa Band. The West African Drum Ensemble and the Afro-Cuban Drum Group also will perform traditional percussion pieces.

The centerpiece for the concert will be the UM Jaya Budaya Balinese Gamelan, featuring performances by I Made Lasmawan, master drummer, and Ni Ketut Marni, master dancer, from Bali, Indonesia. The group will perform several traditional Balinese instrumental and dance pieces, along with the Rocky Mountain Ballet Theatre.

The 10 members of the gamelan will later study abroad on a trip from May 26 to June 16 to the central mountain village of Bangah in Bali and stay with the Lasmawan family. While in Bali, they will study gamelan and learn about music and culture throughout the country.
Tickets for the concert cost $5 for students, $6 for seniors and $11 for general admission.

For more information on the event, call Robert LedBetter, director of percussion studies at the UM School of Music, at 406-243-4819 or email robert.ledbetter@umontana.edu.

Contact: Robert LedBetter, director of percussion studies, UM School of Music, 406-243-4819, robert.ledbetter@umontana.edu.
UM English Faculty Member Wins National Poetry Contest

April 27, 2016

MISSOULA – A University of Montana faculty member’s poem rose to the top of more than 50 submissions from across the country in the 2016 Phi Beta Kappa Arts & Sciences Poetry Contest.

The Phi Beta Kappa Society, the nation’s oldest academic honor society, asked for poems to reflect a favorite discipline in the liberal arts and sciences. Amy Ratto Parks, UM’s assistant director of composition in the English department, chose a middle school Latin lesson for the backdrop of her poem “Verb of Being,” and the society members selected it as the winner.
“This made my day,” Parks said. “During my daily job I don’t work with poetry at all, but I spend most of my recreational time with creative writing groups.”

Parks said she began the poem earlier, while working on her doctoral dissertation, which required extensive data analysis in spreadsheets.

“I kept writing in sums,” she said. “Then I began thinking of ‘sum’ in the Latin sense – ‘to be’ – and started writing this poem.”

“Verb of Being” begins with her experience as a seventh-grade student. “I could look from my Latin classroom windows across the valley to the hospital where my dad was,” she said. “It was a complicated way to spend a last year with a parent.”

Poet and Phi Beta Kappa Society member Caki Wilkinson said all the poems submitted were great, but Parks’ poem stood out.

“‘Verb of Being’ struck me particularly because of the way the poet used the refrain – the conceit of conjugating the Latin verb ‘to be’ to circle outward from the classroom to the larger memory of the speaker’s father,” Wilkinson said. “It can be hard to write about academic subjects, but often it’s the things you didn’t expect to see that make a poem interesting.”

The poem follows.

Verb of Being
In 7th period Latin we learned the verb to be by chanting

sum, es, est, sumus, estis, sunt over and over.

I am, you are, he is. Beautiful William sat next to me

and forward one, and his blond hair fell into his eyes

while he drew busty, corseted women in black ink. Sum, es, est:

I am, you are, she is. Sumus, we are chanting the verb

of being over and over while our teacher, the old man, marched

the aisles. And I chanted too, I am, you are, he is –

in that big, old school building without knowing that across

the valley, my father was marching through the rituals

of diagnosis: the MRI machine, the blood draw, listening

while all the doctors talked. I chanted he is, we are, they are

while he learned about his blood, boiling with virus. I watched

beautiful William toss his blond hair in the sun, and I absentmindedly

traced the outlines of the graffiti on my desk. Sum, es, est,

sumus, estis, sunt – the marching song. I am, we are, he is

beautiful William. Est, he is an old man with a stick. Sum, I am twelve.

I am a daughter, still, of a father for eleven months more.

Sunt, they are misdiagnosing. Est, he is trusting. Est, he is afraid.
Sum, es, est, sumus, estis, sunt, the old man marches in my dreams,

marches his language song from room 317, from September of 1988

forward through the dusty tables of the kitchens and bedrooms,

offices and libraries of my life. Through all those years teaching us

in the present tense, our first lesson: to be, to be, to be.

– Amy Ratto Parks

For more information visit https://www.pbk.org/web/PBK_Member/Pressroom/Features/Winning_Poem.aspx.

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Contact: Amy Ratto Parks, assistant director of composition, UM Department of English, 406-243-2133, amy.ratto-parks@mso.umt.edu.
SpectrUM’s Motion Exhibit Travels to Florence May 2-4

April 27, 2016

MISSOULA – Motion, one of the University of Montana spectrUM Discovery Area’s popular traveling exhibits, will visit Florence Monday through Wednesday, May 2-4.

Featuring hands-on exhibits and activities exploring the wonders of physics and engineering, Motion will transform the Florence-Carlton High School Gymnasium into an interactive science museum. Highlights of the exhibition include a larger-than-life spinning turntable, a gravity well and spectrUM’s ever-popular flight simulator. The Florance tour stop is powered by the Jane S. Heman Foundation.

Families and friends are also invited to attend a free Family Science Night from 5 to 7 p.m. Tuesday, May 3, at the Florence-Carlton High School Gymnasium, where students can share spectrUM’s Motion exhibition and activities with family, friends and community members.

The spectrUM Discovery Area travels the state with a mobile science center featuring interactive exhibits. According to spectrUM Director Holly Truitt, the goal of spectrUM’s mobile outreach is to “help inspire Montana’s next generation of scientists, health care providers, engineers and visionaries.”
Committed to inspiring a culture of learning and discovery for all, UM’s spectrUM Discovery Area is an interactive science center located in the heart of downtown Missoula. Annually, spectrUM serves more than 50,000 Montanans through in-museum and mobile programs.

Since 2006, spectrUM has traveled exhibits and educators to 73 schools and four public libraries in 30 Montana counties, including all seven American Indian reservations in Montana. In total, spectrUM’s mobile science program has served over 52,000 people, of whom 30 percent are Native American and over 75 percent live in rural communities.

SpectrUM’s sponsors and partners include the UM Center for Structural and Functional Neuroscience, Community Medical Center, the Dennis and Phyllis Washington Foundation, the Jane S. Heman Foundation, the National Institutes of Health, the National Science Foundation EPSCoR Program, NISE Network, the Noyce Foundation, the O.P. and W.E. Edwards Foundation, SciGirls, the Simons Foundation and the Western Montana Area Health Education Center. Its Science for All Scholarship Fund has given the gift of science to more than 12,000 Montana children.

The public can visit spectrUM at 218 E. Front St. in Missoula. Public hours are 11 a.m. to 6 p.m. Wednesday through Friday and 10 a.m. to 5 p.m. on Saturday. Admission costs $3.50 per person.

For more information or to book a school visit, call spectrUM STEM Education Program Manager Jessie Herbert at 406-243-4828 or visit http://www.spectrum.umt.edu.

Contact: Jessie Herbert, STEM education program manager, spectrUM Discovery Area, 406-243-4828, jessie.herbert@umontana.edu.
MISSOULA – Doug Emlen, a University of Montana biology professor, researcher and evolutionary biologist, recently was elected to the American Academy of Arts and Sciences.

Emlen is one of 213 new members who constitute the Academy’s 236th class, a group that includes some of the world’s most accomplished scholars, scientists, writers and artists, as well as civic, business, and philanthropic
leaders. The new class will be inducted Oct. 8 in Cambridge, Massachusetts.

Emlen is the only member of the academy ever elected from Montana.

“It’s a great honor to be named an AAAS Fellow,” Emlen said. “I’m stunned and thrilled. Now that the shock is wearing off, I have to admit it feels incredible.”

Emlen and researchers in his UM lab study the development and evolution of animal weapons. He often uses horned beetles as an animal model for his research. He teaches Behavior and Evolution, Insect Biology and several graduate courses.

The accolades have piled up for the UM scientist in recent years. A textbook he co-wrote, “Evolution: Making Sense of Life,” was published in 2013 and rapidly and widely adopted by biology departments across the globe. His 2014 book, “Animal Weapons: The Evolution of Battle,” won the 2015 Phi Beta Kappa Award in Science. He also was named Montana’s 2015 Professor of the Year by the Carnegie Foundation for the Advancement of Teaching and the Council for Advancement and Support of Education.

Founded in 1780, AAAS is one of the country’s oldest learned societies and independent policy research centers, convening leaders from the academic, business and government sectors to respond to the challenges facing – and opportunities available to – the nation and the world. Members contribute to academy publications and studies of science, engineering and technology policy; global security and international affairs; the humanities, arts and education; and American institutions.

“Election to this academy is highly selective and considered a mark of exceptional distinction,” said Charlie Janson, associate dean of UM’s Division of Biological Sciences. “We couldn’t be more proud of Doug and look forward to his continued success here at UM.”

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UM Researcher Elected to Academy of Arts and Sciences - UM News - University Of Montana

Contact: Doug Emlen, professor, UM Division of Biological Sciences, 406-243-2535, doug.emlen@mso.umt.edu.
Researchers to Install Beehive in UM Garden

April 26, 2016

MISSOULA – Local beekeepers will be abuzz with excitement on Friday, April 29, as a delivery of honey bees arrives in Missoula. One beehive will find a new home in University of Montana’s Lommasson Garden.

Jerry Bromenshenk, a UM bee researcher and co-owner of Bee Alert Technology, will deliver a trailer full of live, packaged honey bees from Western Bee, a Polson company. The bees will be installed in local beekeepers’ apiaries and used for UM research purposes at the Fort Missoula and Mount Sentinel apiaries.

Some of the bees will take on jobs as pollinators of the more than 60 varieties of plants in UM’s garden.

“We are looking forward to having honey bee partners work with us in the garden,” said Stasia Orkwiszewski, who manages the garden.

The garden already produces nearly 2,000 pounds of vegetables for UM Dining, and the addition of honey bees ensures a higher pollination rate. This beehive will produce natural, raw honey, with the potential to be used in UM dining creations.
Researchers to Install Beehive in UM Garden - UM News - University Of Montana

Scott Debnam, another UM bee researcher, will help care for the bees on a day-to-day basis and serve as a consultant to UM Dining.

Students and members of the public are encouraged to visit the garden and see the bees at work. UM is a legally registered apiary within the state of Montana.

If individuals want to learn more about keeping their own bees, they are encouraged to take the online beekeeping certificate program through UM’s School of Extended & Lifelong Learning, taught by Jerry Bromenshenk, Scott Debnam and Phillip Welch. More information can be found online at [http://www.umt.edu/bee](http://www.umt.edu/bee).

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**Contact:** Beth Burman Frazee, marketing director, UM School of Extended & Lifelong Learning, 406-243-6721, beth.burman-frazee@umontana.edu.
UM Celebrates Private Support at Annual Philanthropy Day Event

April 26, 2016

MISSOULA – Philanthropy is a big deal here at the University of Montana. It helps fund scholarships, research and facilities. It makes study abroad trips, new technology and many faculty positions possible. It keeps us all Montana strong.

On Philanthropy Day – Thursday, April 28 – the campus community will celebrate the 14,014 people who gave to UM during the last fiscal year. This annual celebration is an important reminder that many of the resources we enjoy every day are made possible by those who generously give back to the University.

The Philanthropy Day party will be held from 11 a.m. to 1 p.m. on the UM Oval. Guests will enjoy music and free Big Dipper ice cream. UM President Royce Engstrom also will award the second annual Student Foundation scholarship – the only scholarship on campus created and funded by students. Remarks will take place from approximately noon to 12:20 p.m.

Around campus, large gift tags will highlight the buildings and other facilities that were constructed as a result of donor support. These include the newly opened Harold and Priscilla Gilkey Building, the Davidson Honors College...
UM Celebrates Private Support at Annual Philanthropy Day Event - UM News - University Of Montana

Building, the School of Journalism’s Don Anderson Hall, The Payne Family Native American Center, the Phyllis J. Washington Education Center and Washington-Grizzly Stadium, along with seven others.

Signs on the UM Oval will share some of this year’s giving highlights, including:

- 3,916 alumni, parents and friends donated over $430,000 through the Phonathon so far this year, and fundraising will continue through May.
- 87 individuals and local businesses made $83,000 in donations to UM through the annual Business Drive.
- 192 UM employees have given $111,000 to UM through the annual Faculty and Staff Giving Campaign, which is ongoing through the end of April.
- 45 UM students gave nearly $1,000 to support the Student Foundation Scholarship Fund.

Philanthropy Day is hosted by the UM Foundation, which raises and manages funds to support the University’s excellence, access and affordability. Phil Day sponsors include the Big Dipper, UPTOP Clothing Co., Eastgate Rental, Sign Pro and The Bookstore.

To learn more about Philanthropy Day, visit http://supportum.org/guidetogiving/annualgifts/PhilDay/. To learn more about the Student Foundation, visit http://supportum.org/StudentFoundation.

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Contact: Kate Stober, UM Foundation, 406-243-2627, kate.stober@umontana.edu.
MISSOULA — The University of Montana’s Entertainment Management program will host its 15th annual Spring Thaw event from noon to 5 p.m. Friday, May 6, on the UM Oval. Designed to celebrate spring and the end of the semester, Spring Thaw is free and open to the public.

This year’s activities will include music by The Skurfs and the Ghost Peppers, a dunk tank featuring student-athletes, carnival games, chariot races, an inflatable bounce house, food trucks, an appearance by Monte and the Pep Band, and more.

Raffle tickets will be on sale for $1 during the event for items including a $100 Café Dolce gift card, one all-access ticket to Sasquatch music festival at the Gorge Amphitheater, a one-night stay at the Hidden Moose Lodge in Whitefish and more.

For more information visit the Facebook page at https://www.facebook.com/umtentertainment/.

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Contact: Mike Morelli, program director, UM Entertainment Management, 406-243-5695, mike.morelli@umontana.edu.
Study Tracks Spending Patterns of Montana Visitors

April 25, 2016

MISSOULA – During 2015, an estimated 11.7 million nonresident visitors traveled in Montana. Each year, the Institute for Tourism and Recreation Research at the University of Montana surveys a sampling of these visitors in an effort to provide information about the “who, what, when, where, and why” of their travels.

ITRR recently completed an analysis of this data intended to distinguish high-spending vacationers from lower-spending vacationers. Ideally, it is preferable to have visitors who will spend more while visiting the state, so understanding who has higher spending patterns helps promoters target their market.

The ITRR study observed spending patterns and other characteristics for the high-spending, mid-spending and low-spending vacationers. Total average daily spending per group for each of the three segments was $351, $117 and $45, respectively.

Aside from the obvious differences in amount spent, different patterns of spending between the groups emerged as well. Forty-six percent of the high-spenders’ dollar went to restaurant/bar, guided trips and licenses/entrance fees while 45 percent and 55 percent, respectively, of mid-spenders’ and low-spenders’ dollar went to gasoline/fuel and...
restaurant/bar.

More importantly, high-spenders spent the greatest share of their daily spending on services and products that are more likely to be locally owned or produced, thereby creating an even higher economic impact due to less leakage of the dollar to out-of-state owners such as happens with purchases of gasoline/fuel.

Gas/fuel is the highest dollar purchase of both mid- and low-spenders, but is the seventh-highest spending category out of 16 categories for high-spenders. The only expenditure category that high-spenders were out-spent in was in campgrounds/RV parks.

Other characteristics of these three vacationer segments include:

- 56 percent of high-spenders have household incomes of $100,000 or greater compared to 32 percent of mid-spenders and 29 percent of low-spenders.
- 54 percent of the high-spenders’ nights are in hotels or rented cabins/homes compared to 31 percent of mid-spenders and 15 percent of low-spenders.
- High-spenders are more likely to be family or extended family groups (35 percent) compared to mid-spenders (25 percent) and low-spenders (18 percent). The most common group type for all three groups, however, was couples.
- 20 percent of high-spenders flew into Montana whereas 8 percent and 7 percent, respectively, of mid- and low-spenders flew into the state. In contrast, 21 percent of both mid- and low-spenders drove into Montana with an RV or trailer compared to 9 percent of high-spenders.
- High-spenders are more likely to hire a guide/outfitter (18 percent), whereas 3 percent of mid- and 4 percent of low-spenders will hire a guide while in Montana.
- Both mid- (41 percent) and low-spenders (48 percent) were substantially more involved with camping as an activity than high-spenders (28 percent).
- Group sizes (2.2-2.8 people per group) and length of stay (6-6.7 nights) were very similar between all three groups.
- There were insubstantial differences in what attracted the travelers to Montana, what activities they participated in or what sites they visited.

Common sense seems to prevail after review of the data. Visitors who spend more money in Montana have higher incomes. They are more likely to fly on their trip. Families visiting the state spend more money in Montana (more mouths to feed, more entrance fees to pay, more individuals to pay for on a guided trip). Mid- and lower-spending visitors who have lower household incomes are more likely to camp while in Montana.

All information and reports published by ITRR are available online at http://www.itrr.umt.edu.

Contact: Norma Nickerson, UM Institute for Tourism and Recreation Research, 406-243-2328, norma.nickerson@umontana.edu; Kara Grau, assistant director of economic analysis, UM Institute for Tourism and Recreation Research, 406-243-5107, kara.grau@umontana.edu.
UM’s Native American Center of Excellence to Visit Northern Cheyenne, Crow Reservations

April 22, 2016

MISSOULA – The Native American Center of Excellence, a program housed within the Skaggs School of Pharmacy at the University of Montana, is traveling the state to share educational and career opportunities in health and medicine with high school students and tribal college staff.

In partnership with We Are Montana in the Classroom and ImProving Health Among Rural Montanans Program (IPHARM), the Native American Center of Excellence will promote UM’s new Health & Medicine initiative with high school students Monday and Tuesday, April 25-26. The tour will start in Lame Deer and continue to Hardin.

The schedule follows:

• **Monday, April 25:** Chief Dull Knife College and Lame Deer High School
Monday, April 25: 4:30-7 p.m. Social for high school teachers and tribal college faculty and staff members, Uberbrew Brewery, located at 2305 Montana Ave. in Billings.

- Tuesday, April 26: Little Big Horn College and Hardin High School

Two staff members from UM's College of Health Professions and Biomedical Sciences and two UM pharmacy students will lead hands-on activities and demonstrations and serve as higher education and career role models for high school students. Additionally, they will meet with faculty members and students at Chief Dull Knife College and Little Big Horn College. The group includes Shane Sangrey, Native American Center of Excellence student resource adviser, and Rory Johnson, IPHARM clinical specialist.

"We're completely humbled by both the Lame Deer and Crow communities for accommodating us, and we are excited to share with their students the wonderful opportunities and rewarding career paths that await them in the health professions at the University of Montana," said Sangrey, who is coordinating the tour.

This tour is sponsored by the Native American Center of Excellence.

The mission of the Native American Center of Excellence is to facilitate the identification, recruitment, retention and professional development of American Indian/Alaska Native students who are interested in pursuing careers in pharmacy and/or health care delivery. Funded by the Health Resources and Services Administration, NACOE offers a wide variety of activities and programs that contribute to the students’ overall academic performance and development. NACOE also is dedicated to increasing the number of American Indian faculty members in schools of pharmacy and the pharmaceutical sciences.

Contact: Shane Sangrey, student resource adviser, Native American Center of Excellence, 406-243-2768, shane.sangrey@mso.umt.edu.

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UM Celebrates Archaeology Month with Lecture on Yellowstone

April 22, 2016

MISSOULA – University of Montana anthropology Professor Doug MacDonald will present a lecture titled “Yellowstone’s Obsidian Cliff: Celebrating 20 Years as a National Historic Landmark” at 7 p.m. Wednesday, April 27, in the University Center Room 333.

The talk, presented in celebration of April as Archaeology Month, will discuss the Native American use of Obsidian Cliff obsidian for stone tool manufacture during the past 11,000 years.

In particular, 2,000 years ago, Native Americans of the Hopewell culture located in the Midwestern United States used the stone as a grave good in burial mounds. One mound near Columbus, Ohio, contained 300 pounds of obsidian from Yellowstone.

MacDonald also will discuss his own archaeological research in Yellowstone, including the results of a recent archaeological survey along the southern edge of Obsidian Cliff.

This event is free and open to the public. For more information call MacDonald at 406-243-5814 or email
UM Celebrates Archaeology Month with Lecture on Yellowstone - UM News - University Of Montana

douglas.macdonald@umontana.edu.

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**Contact:** Doug MacDonald, UM anthropology professor, 406-243-5814, douglas.macdonald@umontana.edu.
UM Business Majors Score in 94th Percentile in Nationwide Field Test

April 22, 2016

MISSOULA – The School of Business Administration students at the University of Montana continue to knock the Business Major Field Test out of the park. This is the seventh time in four years the UM business school students have scored between the 92nd and 95th percentile, putting UM in the top 5-8 percent out of all institutions administering the test.

Thirty-six UM seniors majoring in business administration scored in the 90th percentile or above. Additionally, 15 students who took the exam in the fall also scored in the 90th percentile or above. Overall, the 169 UM students taking the test this semester averaged in the 94th percentile compared to other business schools nationwide.

The Business Major Field Test, administered by more than 500 universities nationwide, measures critical knowledge and understanding obtained by students during their undergraduate studies. It also offers UM’s SoBA a way to evaluate its students’ performance and the program’s overall effectiveness as compared to similar institutions around the country.

The test covers a broad set of topics, including accounting, economics, management, quantitative business
analysis, information systems, finance, marketing, legal and social environment, and international issues.

The following 36 students achieved scores at or higher than the 90th percentile on the spring 2016 Business Major Field Test: Shawn Belobrajdic, Kyle Brester, Nicholas Bruner, Colton Carter, Bryn Christopher, Evan Colyer, Lane Colyer, Barret Cook, Joseph Desch, Jeremy Gayvert, Christine Gliko, Breshia Hardy, John Hastings, Alexander Karafiat, Anjelika Layton, Morgan Littell, Sarah Lovell, Russell Meddings, Andrew Mikkola, Ashley Millard, William Milligan, Kyle Primm, Brandon Printz, Laura Reed, James Ryan Jr., Brandon Simpson, Brock Stetzner, Whitney Thomas, Lindsey Trent, James Walker, Taylor Walters, Jarvis Weibert, Jenae White, Peter Williams, Tylor Willis and Tifani Zanto.

The following 15 students achieved scores at or higher than the 90th percentile on the fall 2015 Business Major Field Test: Dane Alford, Jeffrey Beck, Byron Boots, David Brewer, Gavin Hagfors, Michael Higgins, Scott Hinshaw, Ian Horwood, Brady Kangas, Frank Pritchett, Katherine Sears, Megan Shelhamer, Perri Taylor, Jacob Todd and Brian Wheeler.

For more information on the Business Major Field Test, visit [https://www.ets.org/mft/about/](https://www.ets.org/mft/about/).

Contact: Andi Armstrong, Management Information Systems department assistant, UM School of Business Administration, 406-243-4832, andrea.armstrong@umontana.edu.
Community Invited to Celebrate Women’s Leadership Initiative Inaugural Year

April 22, 2016

MISSOULA – The Women’s Leadership Initiative at the University of Montana will celebrate the close of its inaugural year with a community presentation and celebration titled “Thriving at UM: Women Leaders and the Campus Community Today and Tomorrow” at 3 Wednesday, May 4, in the Washington-Grizzly Stadium Canyon Club. Refreshments will be provided. The event is free and open to the community, and attendees are asked to RSVP to hannah.frommelt@mso.umt.edu by 5 p.m. Friday, April 29.

During this event, WLI members will share stories about the personal and institutional impacts the initiative has had this academic year while discussing how future WLI advocates can continue their efforts through concrete action. As the advancement of women at UM benefits the entire Missoula community, members will invite attendees to commit to specific actions to support and advance women at UM to carry forward the momentum built during the initiative’s inaugural year.

Launched in 2015 by President Royce Engstrom, the WLI uses a collaborative approach to build a culture of support for women’s leadership at UM. The WLI reflects Engstrom’s commitment to recognizing, valuing and advancing diversity at UM.
For more information call Deena Mansour, associate director of the Maureen and Mike Mansfield Center, at 406-243-713 or email deena.mansour@umontana.edu.

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Contact: Deena Mansour, associate director, UM Maureen and Mike Mansfield Center, 406-243-2713, deena.mansour@umontana.edu.
UM Student Group Hosts Events for Sexual Assault Awareness Month

April 21, 2016

MISSOULA – The Student Advocacy Resource Center at the University of Montana held several events during April to raise awareness of sexual assault and offer support to survivors.

The events, held in conjunction with Sexual Assault Awareness Month, began with 14 bystander intervention training opportunities. SARC teaches UM students how to be “pro-social bystanders” – people who have the power to prevent sexual violence by learning about consent, sexual assault and how to safely intervene or get help. Students also learn about resources available to them such as SARC, which provides advocacy, counseling and referrals.

“These events and trainings are designed to highlight the importance of standing strong as a campus united against sexual violence. Each one of us can play an important role, both in ending sexual violence, and supporting survivors of sexual assault.” said Drew Colling, campus assault prevention coordinator and SARC director. “As part of promoting a safe campus, the University requires that all new students take an online tutorial about sexual assault. That has been in place since fall 2012. We also offer bystander intervention training to freshmen, and now we provide a refresher on bystander intervention to all our juniors on campus.”
This year, SARC has trained more than 1,200 students in bystander intervention through 50 trainings.

The second event SARC held in April was a poetry slam where student performers read poems in support of survivors of sexual assault.

SARC concluded its events by hosting an information booth on the Oval as well as displaying a Hope Quilt — an artistic patchwork with messages of support, hope and unity for those affected by sexual violence.

For more information on Sexual Assault Awareness Month at UM, call Colling at 406-243-5244 or email drew.colling@umontana.edu.

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**Contact:** Drew Colling, UM campus assault prevention coordinator/SARC director, 406-243-5244, drew.colling@umontana.edu.
UM Students to Host Volunteer Day at Rock Creek, Clark Fork River Confluence

April 21, 2016

MISSOULA – University of Montana students invite volunteers to help restore natural beauty at the confluence of Rock Creek and the Clark Fork River.

UM Restoration Ecology program students will host a volunteer day at the site from 10 a.m. to 2 p.m. Saturday, April 23, in collaboration with the local nonprofit Five Valleys Land Trust.

Students and volunteers will pull weeds on a recently disturbed section of land as well as learn about native plant species and how the ecology students plan to improve the site. Community members of all ages are welcome.

“This is a great opportunity for members of the Missoula community to ‘pay it forward’ and contribute to the restoration of a place that is going to be available for public enjoyment in the future,” said UM student Dave Riley, one of the project organizers.

Over time, ranching and development work has degraded the confluence. The past few years UM students and FVLT have collaborated to improve the property. FVLT has worked with the Missoula College heavy equipment
UM Students to Host Volunteer Day at Rock Creek, Clark Fork River Confluence - UM News - University Of Montana

Operation program to fill an artificial pond that was diverting water from Rock Creek, one of Montana’s Blue Ribbon fisheries.

Saturday’s volunteers should bring a water bottle and appropriate outdoor clothing, including work gloves and boots. Organizers encourage participants to meet at 9 a.m. at the FVLT office, located at 120 Hickory St., to caravan to the site. Volunteers also may go out to the confluence on their own, taking Interstate 90 east from Missoula and exiting at Rock Creek, Exit 126. The site is located on Rock Creek Road, which is a right turn after the exit, followed by a left turn into a parking area.

Coffee and snacks will be available for morning participants, and organizers will provide a free barbecue in the afternoon. A geocaching recreational GPS activity will follow.

Volunteers should RSVP to Riley by calling 406-261-7294 or emailing david.riley@umontana.edu.

Contact: Dave Riley, UM Ecological Restoration program student, 406-261-7294, david.riley@umontana.edu; Alexis Gibson, UM field learning coordinator, 503-309-5255, alexis.gibson@umontana.edu.
UM Faculty Members to Share Shakespeare with Montana High School Students

April 21, 2016

MISSOULA – University of Montana faculty members will lead interactive sessions with Montana high school students that explore how Shakespeare radiates across academic disciplines and share some of the many opportunities that await students in higher education from Monday to Wednesday, April 25-27.

The We Are Montana in the Classroom’s distance-learning festival is offered in conjunction with “First Folio! The Book That Gave Us Shakespeare, on national tour from the Folger Shakespeare Library,” sponsored by UM’s Maureen and Mike Mansfield Library and the Montana Museum of Art and Culture.

The festival will include the following distance-learning sessions:

• 11 a.m. Monday, April 25: “Shakespeare Through the Lens of Modern Astronomy,” a glimpse at astronomy in the age of Galileo and Copernicus with physics and astronomy Professor Dan Reisenfeld.
- **1 p.m. Monday, April 25**: “Bad Romance,” an exploration of love and relationships in Shakespeare’s plays, and in modern life, with Sara Polanchek, clinical director in the Department of Counselor Education.

- **9:15 a.m. Tuesday, April 26**: “From Artifact to Performance,” in which history Professor Anya Jabour, an adviser to the PBS miniseries “Mercy Street,” will invite students to imagine how they would stage a scene about slave life based on a primary-source artifact from the new National Museum of African American History and Culture.

- **1 p.m. Tuesday, April 26**: “La Langue de Shakespeare,” a tour of French influences in and rewritings of Shakespeare with French instructor Seth Barnes-Smith.

- **11 a.m. Wednesday, April 27**: “Madness, Vision and Perception: Neuroscience in Shakespeare,” a look at “King Lear” through the lens of neuroscience with Michael Kavanaugh, professor and director of the Center for Structural and Functional Neuroscience.

- **1:30 p.m. Wednesday, April 27**: “Designing Shakespeare,” an opportunity for students to create their own scenic design for Shakespeare with Mike Monsos, professor of scenic design/technology and director of UM’s School of Theatre & Dance.

We Are Montana in the Classroom partners with more than 100 UM faculty members, professionals and graduate students to inspire K-12 students about higher education and career pathways. This academic year, the program is on track to reach 10,000 students through statewide tours, local classroom visits and distance-learning experiences. We Are Montana in the Classroom belongs to the UM Broader Impacts Group in the Office of Research and Creative Scholarship.

Shakespeare across the Disciplines will be broadcast from the studios of Inspired Classroom, a Missoula-based educational technology company. Sessions are offered for free to K-12 schools. Teachers can book register their classes or request links to recorded sessions by emailing We are Montana in the Classroom Program Manager Nathalie Wolfram at nathalie.wolfram@umontana.edu.

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**Contact:** Nathalie Wolfram, We Are Montana in the Classroom education program manager, 406-243-4828, nathalie.wolfram@umontana.edu.
UM Faculty Members to Share Shakespeare with Montana High School Students - UM News - University Of Montana
Symposium in Hamilton to Explore Bitterroot Water Topics

April 21, 2016

HAMILTON – The public is invited to attend the Bitterroot Water Symposium on Friday, April 29, at Bitterroot College University of Montana in Hamilton. The event runs from 8 a.m. to 4:30 p.m. in Room 105 of the Bitterroot College building, located at 103 S. Ninth St.

The symposium will feature several speakers and panels, as well as keynote addresses by Montana Sen. Pat Connell and Larry Swanson of UM’s O’Connor Center for the Rocky Mountain West. Panel discussion topics include “Water and Growth in the Bitterroot Valley,” “Groundwater Changes in the Hamilton Aquifer,” “Water Quality and the Bitterroot River” and more. Speakers and panelists will include state and county government officials, attorneys, water advocates and others.

Event registration costs $5 and includes lunch for those who register by 5 p.m. Friday, April 22. Register online at http://www.umt.edu/bitterroot-college/admreg/conted/ceonlinereg.php or by calling 406-363-0100.

For a complete schedule of events, visit http://www.umt.edu/bitterroot-college/events1.php.
Contact: George Furniss, geosciences adjunct instructor, Bitterroot College, 406-363-0100, george.furniss@umontana.edu.
Discount Available for UM Study Abroad Trip to Vietnam

April 21, 2016

MISSOULA – University of Montana students now can save $500 until May 1 on a field-based Wintersession study abroad trip to Vietnam.

The trip, offered through UM’s Maureen and Mike Mansfield Center, the UM College of Forestry and Conservation and the Environmental Studies Department at UM, gives students the chance to expand their knowledge of climate change and Vietnamese culture.

The Wintersession in Vietnam program provides students with 24 days of hands-on study of the potential social, economic and environmental impacts of climate change in a tropical, developing nation. The program offers six upper-division or graduate-level credits, and students combine academic work with service-learning projects, field trips and homestays. Participants will have the opportunity to meet Vietnamese students, officials, nongovernmental organization workers, researchers, farmers and community members in Ho Chi Minh City, Can Tho City, the Mekong River Delta and throughout national parks and coastal areas.

The trip is led by UM Climate Change Studies Program Coordinator Nicky Phear. Phear serves on the Climate
Smart Missoula Leadership team and has taught and spearheaded academic programs at UM for the past 13 years. She also has led climate change education programs to Bhutan and Vietnam. Phear recently earned the 2016 Clean Energy and Empowerment Education Award from the U.S. Department of Energy.

The total program cost is $4,450 plus airfare, which includes the academic program and credit fees, in-country lodging, transportation, translation services, cultural events and some meals. Students who apply by May 1 pay only $3,950 plus airfare.

For more information on the program or to view applications, visit https://umt.studioabroad.com/index.cfm?FuseAction=Programs.ViewProgram&Program_ID=51115.

Contact: Caitlin Sager, Wintersession in Vietnam program coordinator, UM Maureen and Mike Mansfield Center, 406-243-2965, caitlin.sager@mso.umt.edu.
MISSOULA – The seventh annual Montana Pain Initiative Conference will draw attendees and presenters from around the state to the University of Montana on Friday and Saturday, June 10-11. This year’s theme, “Pain is Inevitable; Suffering Is Optional: An Ethical Approach to Managing Pain,” offers continuing education highlighting the complicated dynamics in treating chronic pain.

The conference aims to educate health care providers on best practices. It will feature a patient-centered town hall meeting from 6:30 to 8:30 p.m. Friday, June 10, in the University Center Ballroom that is free and open to the public.

Topics at the conference will cover the different types of pain and how pain is measured, how various health professions address pain and current concepts in pain management, among others. Accordingly, the Montana Pain Initiative looks to educate providers and provide increased clarity surrounding the nuances of chronic pain treatment.

Dr. Jennifer Schneider will open the conference with a keynote address. Schneider, a sufferer of chronic pain and a nationally recognized expert in the management of chronic pain with opioids, will discuss what constitutes pain.
Other speakers represent a diverse range of health care topics including nursing, physical therapy, psychology, pharmacy and law.

The conference will work from a model that looks to partner with patients in a collaborative approach to treatment. In a recent interview on NPR, conference chair Dr. Marc Mentel, associate program director for osteopathic curriculum with the Family Medicine Residency of Western Montana, discussed how education has the potential to reduce over-prescribing in the hopes that patients in need retain access to opiates.

“We should be able to come to that balancing point of making sure patients have access to opiate medications in a way that they’re not being stigmatized or viewed as suspicious for drug seeking,” Mentel said.

The conversation surrounding over-prescribing opiates while maintaining access to pain medication for those in need is a controversial topic. The Centers for Disease Control and Prevention reported 125 deaths in Montana due to opioid overdose in 2014. The risks associated with using these drugs affect patients and providers alike. Physicians face liability concerns, which can lead to resistance in prescribing opiate medications to patients in desperate need of relief. Lack of access to medications oftentimes serves as an added barrier for those patients who struggle to maintain the functions of daily life caused by uncontrolled pain.

“When speaking of those who are using their prescriptions appropriately, it’s a very small percentage of patients who go on to actually become addicted,” said Tootie Welker, longtime sufferer of chronic pain and former executive director of Sanders County Coalition for Families. “What’s happening with people on opioids is that individuals metabolize them differently. Some people need larger doses to receive the same beneficial effect. The CDC dosage limits are going to curtail those patients from getting adequate dosage for adequate pain relief.”

Various initiatives in the state, including Know Your Dose through the Montana Medical Association, seek to find balance between providing appropriate treatment for patients while protecting them from opioid addiction.

The conference is jointly provided by Western Montana Area Health Education Center and Postgraduate Institute of Medicine, in collaboration with the American Cancer Society.


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Contact: Sara Laney, program coordinator, Western Montana Area Health Education Center at UM, 406-243-5575, sara.laney@mso.umt.edu.
Montana Pain Initiative Conference to be Held at UM June 10-11 - UM News - University Of Montana
UM Students Recognized for Volunteer Work in Community

April 20, 2016

MISSOULA – The University of Montana Office for Civic Engagement honored a dozen UM students for their contributions to the Missoula community at the 2016 Spring Leadership Recognition ceremony on April 19.

The following students were nominated by the local agencies and nonprofits with whom they volunteer:

- Geoffrey Havens, Missoula Community Theatre
- Hannah McDaniel, Habitat for Humanity of Missoula
- Melissa Unger, Mortar Board National College Senior Honor Society
- Tess Scanlon, Missoula Urban Demonstration Project
- Kevin Moriarty, Poverello Center
- Sarah Williams, Missoula Food Bank
- Chris Olerich, Young Life Missoula
- Sophie Moon, Montana Public Interest Research Group
- Kirstin Smith, International Choral Festival
- Rose O'Reilly-Hoisington, Forward Montana
UM’s OCE named Michael Lawrence, who volunteers with Open Aid Alliance and Leah Mahanti, who volunteers with the Watershed Education Network, as its 2016 Outstanding Student Volunteers. They were selected for their devotion, time and energy spent meeting community needs. The OCE hopes to bolster the spirit of service through honoring these individuals.

The OCE at UM is dedicated to promoting civic engagement in the community by providing students with opportunities to work with local nonprofits, city government and private businesses in addressing issues of public concern.

To learn more about the OCE and student volunteer programs, visit http://www.dhc.umt.edu/oce/default.php.

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**Contact:** Colleen Kane, associate director of community engagement and student programs, UM Office for Civic Engagement, 406-243-5128, colleen.kane@mso.umt.edu.
MISSOULA – Thinking caps must be worn at all times when the University of Montana hosts the sixth annual Montana Academic State Championship Monday and Tuesday, April 25-26, in the University Center.

Students from 11 high schools will compete this year, arriving April 25 for a dinner and social, followed by a campus tour. Monday night’s events will take place from 5:30 to 7:15 p.m. on the third floor of the UC.

UM Executive Director of Student Success Brian French, UM forestry and conservation Professor Diana Six, Missoula Mayor John Engen, and retired Frenchtown teacher and Academic State Championship Co-Coordinator Merle Johnston will speak at the dinner. Numerous faculty members and student advocates also will attend.

The competition will take place from 8:30 a.m. to 5:30 p.m. Tuesday, April 26, in UC Rooms 331-333 and 326-327. Sponsored by UM and Neely Electric, the championship is a round-robin quiz tournament. To qualify, teams must place in regional tournaments.

Questions will cover high school subjects, as well as pop culture and recent news. Each school will square off
against one another during the morning preliminary rounds, and schools with the best records will advance to the championship rounds in the afternoon.

This year’s participating high schools are Billings Skyview, Billings Senior, Missoula Big Sky, Missoula Sentinel, Frenchtown, Lewistown, Livingston, Manhattan, Three Forks, Big Timber and Choteau.

For more information call Johnston at 406-727-2842 or email mandmj70@gmail.com.

Contact: Merle Johnston, Montana Academic State Championship co-coordinator, 406-830-8015, mandmj70@gmail.com.

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April 20, 2016

MISSOULA – The University of Montana School of Art will present the 2016 Bachelor of Fine Arts Senior Thesis Exhibition April 28-May 13 in the Gallery of Visual Arts and April 25-May 13 in the University Center Gallery.

The UC Gallery will host an opening reception from 4 to 6 p.m. Thursday, April 28, and the Gallery of Visual Arts will have a reception from 5 to 7 p.m. the same day. Both galleries will hold Commencement receptions from 3 to 4 p.m. Friday, May 13, and all events are free and open to the public.

The annual BFA Senior Thesis Exhibition
contains a diverse array of media and content, from paintings and drawings to sculpture, installation art, photography, video, printmaking and ceramics. With numerous students participating this year, 14 artists will exhibit in the Gallery of Visual Arts and six will display their art in the UC Gallery. All BFA candidates in the UM School of Art are required to participate in the Senior Thesis Exhibition.

Participating artists in the Gallery of Visual Arts are Elaine Fraticelli, Marion Halsell, Britney Hofer, Nick Kakavas, Karlene Kantner, Elaine Kelly, Leah Haemin Kim, Lena Olson, Ellen Pemberton, Gerald Polensky, Carly Prentice, Josh Taira, Paige Nikolette Ward and Jennifer Wright.

Participating artists in the UC Gallery are Alley Carter, Emily Flynn, Haley Jacobson, Jessica Lammon, Kara Maul and Brianna McClean.

The Gallery of Visual Arts, located on the first floor UM’s Social Science Building, is open 11 a.m. to 5 p.m. Tuesday through Friday. The UC Gallery, located on the second floor of the UC, is open 10 a.m. to 4 p.m. Monday through Friday.

For more information on the exhibits, call the Gallery of Visual Arts at 406-243-2813 or email gallery.visarts@umontana.edu, or call the UC Gallery at 406-243-5564 or email ucgallery@mso.umt.edu. Additional information is online at http://www.umt.edu/art/.

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Photo caption: Detail from Kara Maul’s “Tools,” graphite, ink and pastel on Masonite board

Contact: Cathryn Mallory, UM Gallery of Visual Arts director, 406-243-2813, gallery.visarts@umontana.edu.
Senior Thesis Exhibition to Display Art from 20 UM Students - UM News - University Of Montana
MISSOULA – Author John D’Agata will visit the University of Montana to present a lyric essay reading at 7 p.m. Friday, April 29, in the Dell Brown Room of Turner Hall. The event is sponsored by the President's Writers-in-Residence Series at UM. It is free and open to the public.

D’Agata is the author of “The Lifespan of Fact,” “About a Mountain” and “Halls of Fame,” and editor of the three-volume series “A New History of the Essay.” He has received fellowships from the Guggenheim Foundation, the National Endowment for the Arts, the Howard Foundation, the Lannan Foundation and the Obermann Center for Advanced Studies. He also directs the Nonfiction Writing Program at the University of Iowa, where he teaches creative writing.
UM Creative Writing Program to Host Author for Reading - UM News - University Of Montana

For more information email Creative Writing Program Coordinator Karin Schalm at karin.schalm@mso.umt.edu or visit http://hs.umt.edu/creativewriting/.

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Contact: Karin Schalm, program coordinator, UM Creative Writing Program, 406-243-5267, karin.schalm@umontana.edu.
UM Offers Summer Arabic Courses to High School Students

April 19, 2016

MISSOULA – The University of Montana Arabic Program will offer two intensive Arabic language courses to high school students June 20-July 8 during the Montana Arabic Summer Institute at UM.

The courses are funded through a STARTALK grant from the National Security Agency to expand and improve the teaching and learning of strategically important foreign languages.

Twenty-five seats will available in two levels: Level one is for students with no previous knowledge of Arabic; level two is for students who have been introduced to the basics either during the summer 2015 program or in high school.

The course aims to develop and improve students’ Arabic language skills – listening, speaking, reading and writing – and cultural knowledge in a fun and academic environment. Students will cook, dance and sing using Arabic. They also will learn how to enable and use Arabic (a right-to-left language) on their computers, iPads and smartphones.
The grant covers the cost of tuition and instruction materials: textbooks, flash drives, notebooks, etc. Upon completion of the courses, each student will earn five college credits.

For more information call UM Assistant Professor and head of the Arabic Program Khaled Huthaily at 406-243-6602 or email khaled.huthaily@umontana.edu. Registration forms are available at http://hs.umt.edu/mcll/arabic/startalk/masi-2016/default.php.

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Contact: Khaled Huthaily, assistant professor and head of the Arabic Studies Program, UM Department of Modern and Classical Languages and Literatures, 406-243-6602, khaled.huthaily@umontana.edu.
UM, City, County Launch Disaster Preparedness Website

April 19, 2016

MISSOULA – Researchers from the University of Montana Department of Geosciences have collaborated with the City of Missoula and Missoula County to launch Missoula Ready, a disaster preparedness website. The tool is the first of its kind available in the western United States.

Missoula Ready is online at https://hazardready.org/.

The concept was the brainchild of UM researcher Rebecca Bendick, a geosciences associate professor who spent the past two decades responding to catastrophic earthquakes, mostly in Asia.

“One of the common things that we find everywhere is that the affected people had little or no idea of their exposure to high risk, so they took no steps to be prepared,” Bendick said. “My students and I have tried over the years to share basic information about earthquakes to those affected populations, but I also realized that my own community had the same lack of information. So we created Missoula Ready so Missoulians could easily access information to protect themselves strategically.”
The City of Missoula and Missoula County both contributed data and content to the product.

"Often our biggest challenge is conveying specific risks to the public, especially if those risks are geographically unique," County Commissioner Cola Rowley said. "Our hope is that residents will use this information to increase awareness and overall preparedness for the hazards that exist in our county."

She added that the timing of the launch in the spring when there is high flood risk in Missoula County could not be better.

Bendick said the site is user friendly and will be updated frequently as new data becomes available. Users can enter an address, click on a location, or use their current location from a mobile device.

For a given location, content is populated describing each relevant hazard, its most likely intensity, a worst-case scenario, historical information about past events and appropriate information about how to prepare for and mitigate risk.

Information about emergency response, such as who to call, the kinds of services available and the likely response time also are provided. Future versions will also serve near real-time information about ongoing incidents.

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**Contact:** Rebecca Bendick, UM geosciences associate professor, 406-243-5774, bendick@mso.umt.edu.
UM Names Student Employee of the Year

April 19, 2016

MISSOULA – An exercise science major who works for Campus Recreation at the University of Montana is UM’s 2016 Student Employee of the Year.

Abretia Crandell, a UM senior from Kalispell who works at UM’s Fitness and Recreation Center as a supervisor, earned the recognition after she was nominated by Campus Recreation Director Steve Thompson.

“Tasks get done right when Abretia is working,” Thompson said. “She’s a confident employee that has the ability to recognize what needs to be done and just do it.”

Those tasks include shoveling snow and salting the walkways, keeping an inventory on cleaning supplies, converting paperwork to
an electronic format, organizing the lost and found and scheduling meetings.

“She doesn’t do these things because she’s specifically been asked to, she does them because she recognizes the importance of getting things done,” Thompson said. “On several occasions Abretia took time away from her personal workout to help a struggling co-worker or to enforce a rule or departmental policy with a user.”

Crandell clocks in at 5:30 a.m. weekdays to open the Fitness and Recreation Center, works weekend shifts and consistently signs up for shifts on holidays and University breaks. Her dedication, professionalism, reliability and work quality were outlined in her letter of nomination.

Crandell is the first student employee at Campus Recreation to be selected as UM’s Student Employee of the Year.

For more information about the Student Employee of the Year award, visit http://www.umt.edu/career/StudentEmployment/default.php or call UM Career Services at 406-243-2022.

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**Photo:** UM student Abretia Crandell stands with Teresa Branch, UM vice president for student affairs, after being named UM’s 2016 Student Employee of the Year.

**Contact:** Steve Thompson, director, UM Campus Recreation, 406-243-5269, stephen.thompson@mso.umt.edu.
UM Employee Recognition Event Slated for April 29

April 19, 2016

MISSOULA – The University of Montana has designated Friday, April 29, UM Employee Recognition Day to show appreciation to all employees and to celebrate the impressive contributions they make to the success of the University.

UM Employee Recognition Day will be celebrated throughout campus and will conclude with a reception for all employees from 3 to 5 p.m. in the University Center Ballroom. The theme this year is “UM Employee Carnival.”

The reception will include entertainment, hors d’oeuvres and prize drawings. A number of awards will be given at the reception to honor outstanding faculty and staff. The 2016 recipients follow:

- **Outstanding Teamwork Award**: Facilities Services Work Order Desk
  
  o Pat Gibson
  o Cassy Gladwin
  o Colleen Murphey
UM Employee Recognition Event Slated for April 29 - UM News - University Of Montana

- **Academic Administrator Award**: Kelly Webster, director, The Writing Center
- **Americans with Disabilities Act Award**: Jameel Chaudhry, campus architect
- **Distinguished Scholar Award**: Bharath Sriraman, professor, Department of Mathematical Sciences
- **Distinguished Service to International Education Award**: Marja Unkuri-Chaudhry, director of Study Abroad, Student Exchanges & Institutional Partnerships, Office of International Programs
- **Distinguished Teaching Award**:
  - Tobin Miller Shearer, associate professor, Department of History
  - Martin Nie, director, Bolle Center for People and Forests
- **Montana Faculty Service Award**: Stacey Gordon, associate professor, Alexander Blewett III School of Law
- **Most Inspirational Teacher of the Year Award**: Edwin Burke, chair, Department of Forest Management
- **Nancy Borgmann Diversity Award**: Teresa Branch, vice president for Student Affairs
- **Outstanding Faculty Advising Award**: Ginger Collins, assistant professor, Department of Communicative Sciences and Disorders
- **Outstanding Mentoring Award**: James Caringi, associate professor, School of Social Work
- **Outstanding Service to Students Award**: Laure Pengelly Drake, director of external scholarships and advising, Davidson Honors College
- **Outstanding Service to the Campus Community Award**: Drew Colling, SARC director, campus assault prevention coordinator
- **Outstanding Staff Award – Campus Interaction and Meritorious Job Performance**: Shauna Layton, graphic designer, Printing and Graphic Services
- **Outstanding Staff Award – Excellence in Job Performance**: Karen Hurd, administrative associate, Environmental Studies Program

To help UM employees acknowledge colleagues and coworkers who have contributed to their success, a recognition website allows employees to send personal messages of appreciation. Messages can be posted online at [http://apps.umt.edu/recognition/](http://apps.umt.edu/recognition/) until 5 p.m. Thursday, April 28. They will be delivered to recipients via email on Employee Recognition Day.

For more ideas about ways to recognize the valuable contributions of employees, colleagues and co-workers, visit [http://www.umt.edu/employeerecognition/suggestions.php](http://www.umt.edu/employeerecognition/suggestions.php).

**Contact:** Jed Liston, UM Employee Recognition Day Committee co-chair, 406-243-2361, jed.liston@umontana.edu; Sheila Wright, UM Employee Recognition Day Committee co-chair, 406-243-4225, sheila.wright@umontana.edu.
UM Employee Recognition Event Slated for April 29 - UM News - University Of Montana
National Organization Names Writing Prize for Emeritus BBER Director at UM

April 18, 2016

MISSOULA – The Association of University Bureaus of Economic Research, a national organization comprising more than 60 members, recently recognized Paul Polzin, emeritus director of the University of Montana Bureau of Business and Economic Research, for his years of service to the organization by naming a writing prize for best paper after him.

The Polzin Prize-winning paper will be selected from those submitted to AUBER in advance of its fall conference at the University of Arkansas in Fayetteville, Arkansas, and will be judged by the AUBER executive committee.

“It's indeed an honor to be recognized like this,” Polzin said. “I'm sure the future recipients of this award will continue to reflect the high standards of AUBER and the BBER at the University of Montana.”

Lorena Akioka, past AUBER president, said Polzin's dedication to AUBER earned him the honor.

“I advocated for the naming of the prize in Paul's honor to thank him for his unwavering support of AUBER and his willingness to devote his time and expertise whenever the need arises,” Akioka said.
This is the second AUBER honor bestowed upon Polzin. He also won the Thayne Robson Award, the highest honor that AUBER awards to an individual for longtime commitment and service to the organization. To earn the award, individuals must be AUBER members for at least 15 years, be center directors, have served on the AUBER board of directors and be an economic and public policy leaders in their state.

For more information visit BBER at http://www.bber.umt.edu/ or call 406-243-5113.

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**Contact:** Patrick Barkey, director, UM Bureau of Business and Economic Research, 406-243-5113, pat.barkey@business.umt.edu.
MISSOULA – A Pulitzer Prize- and Emmy Award-winning journalist will visit the University of Montana as the final featured speaker of the 2015-16 President’s Lecture Series.

Hedrick Smith, an author and former reporter for The New York Times and producer/correspondent of PBS’ “Frontline,” will present “Who Stole the American Dream?” at 8 p.m. Thursday, April 28, in UM’s Dennison Theatre. The lecture is the Lucile Speer Memorial Lecture held in collaboration with the Phi Beta Kappa Association of Montana.

Smith also will lead the seminar “Can We Reclaim the American Dream?” from 3:40 to 5 p.m. the same day in Gallagher Business Building Room 123 in collaboration with the UM Philosophy Forum. The lecture and seminar both are free and open to the public.

After graduating from Williams College and doing graduate work at Oxford University, Smith joined the United Press International in 1959. For the following three years he worked as a journalist in Memphis and Nashville, Tennessee, and Atlanta.
As a New York Times reporter, Smith covered Martin Luther King Jr. and the civil rights struggle, the Vietnam War from Saigon, the Middle East conflict from Cairo, the Cold War from both Moscow and Washington, D.C., and six presidential administrations.


Since 1989, Smith has created 26 specials and miniseries for PBS covering such varied topics as terrorism, Wall Street, Soviet perestroika, Wal-Mart, Enron, tax evasion, educational reform, health care, the environment, jazz and Washington, D.C., power structures.

His programs have won Emmy awards and the Columbia-Dupont Gold Baton, or grand prize, for the year’s best public affairs program on U.S. television. Along with the George Polk, George Peabody and Sidney Helman awards for excellence in reporting, his programs have won two national public service awards from journalism’s Sigma Delta Chi. His television work also includes longtime stints as a panelist on “Washington Week in Review” and as a special correspondent for “The NewsHour with Jim Lehrer.”

Smith’s current best-selling book “Who Stole the American Dream?” has been praised by reviewers for its analysis of the forces shaping contemporary political and economic trends with their self-evident threat to the long-term prosperity and stability of the country.

The President’s Lecture Series at UM consists of eight talks throughout the academic year on vital topics by distinguished guest speakers. For more information on the series, visit http://umt.edu/president/events/lectures/ or call UM history Professor Richard Drake at 406-243-2981.

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**Contact:** Richard Drake, UM history professor and lecture series organizer, 406-243-2981, 406-243-2981.
April 18, 2016

MISSOULA – The Montana Museum of Art & Culture will host The Silver Foundation’s premier art installation on Parkinson’s disease May 9-31 in the Paxson Gallery at the University of Montana.

The installation, “Capturing Moments: Living Life with Parkinson’s,” brings together inspiring quotes, stories, text, wordplay and photography showcasing many journeys of resilience from the global Parkinson’s community. In combining different mediums, Montana artists Carolyn
Montgomery from The Silver Foundation and Hadley Ferguson from the Summit for Parkinson’s created a dynamic and interactive exhibition drawing from deeply personal and inspiring stories.

The exhibit includes a tree with thousands of leaves, each leaf containing a quote or message from around the world of someone living with or touched by Parkinson’s disease. In combination with the mixed-media tree sculpture, the exhibition also features environmental portraits with individual accounts of resilience in the face of Parkinson’s.

This exhibition is part of the national touring event “Forging Resilience” premiering at MMAC. The Parkinson’s installation will be featured at the World Parkinson Congress in Portland, Oregon, Sept. 20-23, and at other upcoming venues to be announced in Los Angeles and New York.

Established in 1996, the Morris and Helen Silver Foundation is dedicated to supporting art, community enrichment, educational opportunities and aid to the less fortunate within Missoula County.

MMAC will host extended hours for both the Paxson and Meloy Galleries from May 9-31. For a full list of the extended hours, visit http://www.umt.edu/montanamuseum/Shakespeare%20First%20Folio/default.aspx.

The museum is open to the public with a suggested $5 donation. For more information, call MMAC Director Barbara Koostra at 406-243-2019 or visit the MMAC website at http://www.umt.edu/montanamuseum/.

Contact: Barbara Koostra, Montana Museum of Art & Culture director, 406-243-2019, barbara.koostra@mso.umt.edu; Jeremy Canwell, interim curator of art, 406-243-2019, jeremy.canwell@mso.umt.edu.
Montana Museum of Art & Culture to Feature Premier Installation on Parkinson’s - UM News - University Of Montana
UM Students Awarded Fellowships to Tell Crown of the Continent Stories

April 18, 2016

MISSOULA – The University of Montana School of Journalism has awarded two student-mentor teams fellowships to tell richer stories about climate change, communities and conservation in the Glacier National Park area of Montana and Canada, known as the Crown of the Continent.

The 2016 Crown Reporting Project fellows are Nicky Ouellet and Katy Spence, both graduate students in the master’s program in environmental science and natural resource journalism. NPR Senior Health and Science Producer Jane Greenhalgh will mentor Ouellet, while Spence will work with Hillary Rosner, an independent science and environment writer.

“Both mentors are stellar journalists who know the region and have ample experience in covering science and the environment,” said Henriette Lowisch, journalism graduate program director. “Their guidance and example will be invaluable to our student fellows as they report, produce and pitch their stories from the Crown of the Continent.”

Ouellet’s radio feature will explore at how decisions made by forest supervisors affect individuals and communities that depend on the Crown’s forest products for their livelihoods.
“The Crown Fellowship is the biggest opportunity this school has to chase down an in-depth story about how people are connected to landscapes,” Ouellet said, “and I’m really excited to do that in radio because that takes a lot of time – you have to be there to capture the voices of the people – and this fellowship really makes that possible.”

Spence will report on how citizens on both sides of the U.S.-Canadian border perceive the link between beavers and climate change. A native of Kansas, she hopes her outsider’s perspective will allow her to approach the story with few preconceptions or biases.

“So many people are excited about the possibility of using beavers as a natural water mitigation strategy, but just as many think of them as pests,” Spence said.

While the students report their stories in the field, their mentors will recommend sources, edit drafts and help place the final product in a regional or national publication.

Greenhalgh, a Portland, Oregon-based producer and editor for NPR who specializes in science and health coverage, said she enjoys mentoring younger reporters. “I loved Nicky’s pitch, so I’m excited by the prospect of working with her,” she said.

Rosner, an award-winning journalist who covers science and the environment for National Geographic, Wired, Scientific American and other publications, said she is eager to work on an important story with a young writer one-on-one. “Katy seems like a sharp and talented reporter, and I’m looking forward to seeing her project unfold,” the Colorado-based writer said.

Now in its second year, the Crown Reporting Project aims to advance quality storytelling on landscape-level conservation, conflicting demands for natural resources and community efforts to build climate resilience. The program was inspired by Ted Smith, a pioneer of large-landscape conservation who recognized a need for journalists trained to engage communities by explaining the science behind the policies.

In 2015, graduate students Ken Rand and Celia Talbot Tobin worked with Chris Joyce of NPR and Ted Alvarez of Grist and Backpacker Magazine to report stories on aquatic invasive species and mining waste.

To learn more about the fellowship program, visit http://jour.umt.edu/crown/.

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Contact: Henriette Lowisch, UM School of Journalism graduate program directo, 406-243-2227, henriette.lowisch@umontana.edu.

Get Involved
UM Students Awarded Fellowships to Tell Crown of the Continent Stories - UM News - University Of Montana
MISSOULA – A Montana Supreme Court oral argument Friday, April 22, at the University of Montana will be streamed live by MCAT at http://www.mcat.org/#local-live/cchx.

UM’s Alexander Blewett III School of Law will host a Montana Supreme Court annual oral argument at 8:30 a.m. in the University Center Ballroom.

The case to be presented is the City of Missoula, a Montana municipal corporation, Plaintiff and Appellee, v. Mountain Water Company, a Montana corporation, and Carlyle Infrastructure Partners, LP, a Delaware limited partnership, Defendants and Appellants.

The 4th Judicial District Court has granted a preliminary order of condemnation allowing the City of Missoula to take over the Missoula water system now operated by Mountain Water Company. The court ruled that municipal ownership of the system is a “more necessary public use” than private ownership.

An introduction to the case will be given by law Assistant Professor Martha Williams starting at 8:30 a.m. Williams
teaches Introduction to Environmental Law, Wildlife Law, Property I, Public Land and Natural Resources Law, Climate Law and is co-director of the Land Use & Natural Resources Clinic at the law school.

Contact: Joel Baird, MCAT general manager, 406-542-6228, jbaird@mcat.org.
UM Students to Present on Human Rights, Social Justice at U.S.-Mexico Border

April 18, 2016

MISSOULA – Students from the University of Montana schools of law and social work will present on U.S.-Mexico border human rights and social justice issues during an event slated for 12:10-1 p.m. Friday, April 22, in Gallagher Business Building Room 122.

The students’ presentation will be based on their January border visit to Tucson, Arizona, and Nogales, Sonora, Mexico. They met with human rights activists, public defenders, humanitarian aid workers, community leaders, artists and migrants to learn more about social, political, legal and economic issues related to migration.

For more information call UM School of Social Work Professor Janet Finn at 406-243-5583 or email janet.finn@mso.umt.edu.

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Contact: Janet Finn, professor, UM School of Social Work, 406-243-5583, janet.finn@mso.umt.edu.

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MISSOULA – UM Dining at the University of Montana has received a $45,800 grant from the Montana Pulse Advisory Committee to purchase an industrial pressure cooker.

The pressure cooker will make it possible for UMD to significantly increase purchases of Montana-grown pulse crops like lentils, dried peas and garbanzo beans. This will lead to an increase in the volume of pulses served across the campus and facilitate UMD’s effort to educate the hundreds of thousands of guests served annually about healthy and sustainable diets focused on high-quality plant proteins.

Montana produces more dried peas and lentils than any other state. Cooking most pulses without a pressure cooker requires a significant investment of time and labor. In UMD’s main operations kitchen, where hundreds of meals are prepared daily, it currently is unfeasible to occupy large amounts of kitchen space for several hours in order to cook most pulses.

“An industrial pressure cooker will drastically reduce the time and labor required to process these sustainable, nutritious superfoods, cutting the cooking time from several hours to less than 30 minutes,” UM Dining Director
Mark LoParco said, “The space, time and labor that the pressure cooker will save will allow us to switch from purchasing canned, pre-cooked pulses, grown and processed outside of the state, to buying dried Montana-grown pulses and processing them right here on campus.”

The opportunity for UMD to leverage their purchasing power in support of Montana pulse growers is substantial. With the new pressure cooker, UMD can purchase dried Montana-grown pulses instead, helping to support this growing industry while educating consumers on the health and environmental benefits of pulse crops.

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Contact: Sam Belanger, UM Dining director of marketing, 406-243-5089, samuel.belanger@mso.umt.edu.
University Villages Plans Herbicide Application

April 15, 2016

MISSOULA – Work crews at University Villages, a University of Montana housing complex located on the South Campus, will apply herbicides to select areas this spring and summer. Residents and the public should watch for signs posted along the perimeter of treated areas.

Glyphosate will be spot-sprayed near parking lots, curbs and sidewalks, as well as in some ornamental flowerbeds. Grounds around the Craighead, Sisson, Elliott, and Toole buildings and Lewis and Clark Village are scheduled for treatment this spring. The herbicide Horsepower will be used for treatment of broadleaf weeds on some turf areas.

Workers will adhere to all procedural regulations and guidelines in applying the herbicide.

For more information call the University Villages office at 406-243-6030.

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Contact: UM University Villages office, 406-243-6030.
SpectrUM’s ‘Best of Show’ exhibit, a collection of some of the University of Montana spectrUM Discovery Area’s most popular traveling exhibits, will visit Havre on April 18 and Rocky Boy’s Reservation on April 19.

Featuring hands-on exhibits and activities exploring the wonders of neuroscience, health, nanotechnology, physics and engineering, the “Best of Show” exhibit will transform the gym at Havre Middle School and Rocky Boy High School into a powerful science learning center that helps inspire Montana’s next generation of scientists, health care providers, engineers and visionaries. This tour stop is powered by North Central Montana Talent Search.

Families and friends also are invited to attend a free Family Science Night from 5 to 6:30 p.m. Tuesday, April 19, at Rocky Boy High School, where students will be able to share spectrUM’s “Best of Show” exhibition and activities with family, friends and community members.

The spectrUM Discovery Area travels the state with a mobile science center featuring interactive exhibits. SpectrUM director Holly Truitt said the goal of spectrUM’s mobile outreach is to “help inspire Montana’s next generation of...
scientists, health care providers, engineers and visionaries.”

Committed to inspiring a culture of learning and discovery for all, UM’s spectrUM Discovery Area is an interactive science center located in the heart of downtown Missoula. Annually, spectrUM serves more than 50,000 Montanans through in-museum and mobile programs.

Since 2006, spectrUM has traveled exhibits and educators to 71 schools and three public libraries in 29 Montana counties, including all seven American Indian reservations in Montana. In total, spectrUM’s mobile science program has served over 51,000 people, of whom 30 percent are Native American and over 75 percent live in rural communities.

SpectrUM’s sponsors and partners include the UM Center for Structural and Functional Neuroscience, Community Medical Center, the Dennis and Phyllis Washington Foundation, the Jane S. Heman Foundation, the National Institutes of Health, the National Science Foundation EPSCoR Program, NISE Network, the Noyce Foundation, the O.P. and W.E. Edwards Foundation, SciGirls, the Simons Foundation and the Western Montana Area Health Education Center. Its Science for All Scholarship Fund has given the gift of science to more than 12,000 Montana children.

The public can visit spectrUM at 218 E. Front St. in Missoula. Public hours are 11 a.m. to 6 p.m. Wednesday through Friday and 10 a.m. to 5 p.m. on Saturday. Admission costs $3.50 per person.

For more information or to book a school visit, call spectrUM STEM Education Program Manager Jessie Herbert at 406-243-4828 or visit http://www.spectrum.umt.edu.

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Contact: Jessie Herbert, STEM education program manager, spectrUM Discovery Area, 406-243-4828, jessie.herbert@umontana.edu.
MISSOULA – The University of Montana will celebrate Earth Day with a fresh addition to its sustainability efforts as UM Dining unveils a new garden space Friday, April 22, at 515 South Ave E.

The new space, three times larger than the current garden space on the UM campus, is supported by a $10,000 grant from the Montana Department of Agriculture’s Growth Through Agriculture Program. The funding from the grant was matched by UM Dining.

“We’re extremely grateful for the support we’ve received through the Growth Through Agriculture Program,” said Trevor Lowell, UM Dining director of sustainability. “The new garden will expand opportunities for students and community members to learn about sustainable farming techniques while increasing the amount of garden-fresh produce used in our dining operations.”

The current UM Dining garden outside the Lommasson Center is just steps away from the Food Zoo, UM’s main dining hall on campus, and in its sixth production year. The garden consistently produces around 2,000 pounds of produce at a market value of approximately $11,000. All produce grown in the garden is served on campus to students and campus guests.
The garden gives students an opportunity to engage with urban agriculture and the Montana food system. In 2014, six students earned academic credit for internships in the garden totaling 540 hours of service. The new garden will allow UM Dining to grow more food on campus in a sustainable way, satisfying UM's wider goal of reaching carbon neutrality.

The Montana Department of Agriculture’s Growth Through Agriculture program offers investments for new and innovative agriculture marketing ideas or agribusiness developments.

To learn more about sustainability at UM Dining, visit the website at http://www.umt.edu/dining/Sustainability/.

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**Contact:** Sam Belanger, director of marketing, UM Dining, 406-243-5089, samuel.belanger@umontana.edu.
UM Festival to Celebrate Native American Scholars, Researchers, Change Makers

April 15, 2016

MISSOULA – Native American faculty members, students, alumni and friends of the University of Montana will share their research, creative scholarship and career pathways with Montana high school students from Tuesday to Thursday, April 19-21.

The festival showcases innovation and change-making and shares a variety of opportunities available to all students at UM.

The event will include the following interactive, distance-learning conversations:

**Tuesday, April 19**

- **11:15 a.m.-12:05 p.m.**：“Human Rights,” with UM Native American studies Professor Kathryn Shanley and UM graduate student Iva Croff.

- **1-1:50 p.m.**：“Wildlife and the Land,” with Whisper Camel-Means, tribal wildlife biologist for the Confederated
Salish and Kootenai Tribes, and John Lei, an undergraduate student in UM’s College of Forestry and Conservation.

**Wednesday, April 20**

- **9:05-10 a.m.**: “What is it Like to be a Chemist?” with UM chemistry Associate Professor Aaron Thomas and UM graduate students Moses Leavens and Ranalda Tsosie.

- **10:15-11:05 a.m.**: “Business Sense,” with Casey Lozar, bureau chief and tribal policy adviser for the Montana Department of Commerce, and UM School of Business Administration undergraduate student Crystal White Shield.

- **1-1:50 p.m.**: A student panel with UM undergraduates, including art and environmental studies double major Antonio Morsette, physics and creative writing double major Destini Vaile and wildlife biology major Mateen Hessami.

- **2-2:50 p.m.**: “Health and Medicine,” with Vernon Grant, UM postdoctoral fellow at the University of Wisconsin, and UM undergraduate pharmacy student Shelby Cole.

**Thursday, April 21**

- **10:15-11:05 a.m.**: “Hot off the Press,” with UM journalism Assistant Professor Jason Begay and UM undergraduate journalism student Tailyr Irvine.

- **11:15 a.m.-12:05 p.m.**: “Story and Song,” with UM history lecturer George Price and Kevin Kickingwoman, tribal outreach program coordinator for the UM College of Humanities and Sciences.

- **1-1:50 p.m.**: “Public Health,” with UM pharmacy Associate Professor Annie Belcourt and Lauren Small Rodriguez, an undergraduate student in UM’s Exercise Science program.

Celebrating UM’s Native American Scholars, Researchers and Change Makers is created in partnership with a committee of Native American UM faculty members and professionals and is broadcast from the studios of Inspired Classroom, a Missoula-based educational technology company.

Classes can still register at [http://www.umt.edu/big/we-are-MT/Distance%20Learning.php](http://www.umt.edu/big/we-are-MT/Distance%20Learning.php), and recordings will be available after the event as well.

We Are Montana in the Classroom, a part of the UM Broader Impacts Group in the Office of Research and Creative Scholarship, partners with more than 100 UM faculty members, professionals and graduate students to inspire K-12 students about higher education and career pathways. This academic year, the program is on track to reach 10,000 students through statewide tours, local classroom visits and distance-learning experiences.

To book a UM role model for a classroom or to learn more about We Are Montana in the Classroom, call Jessie Herbert at 406-243-4828 or email jessie.herbert@umontana.edu.
Contact: Jessie Herbert, We Are Montana in the Classroom education program manager, 406-243-4828, jessie.herbert@umontana.edu.
UM Students, Community Members Invited to Restoration Event in Swan Valley

April 15, 2016

MISSOULA – The University of Montana College of Forestry and Conservation invites UM students and community members from Missoula and the Seeley-Swan Valley to a day of ecological restoration Sunday, April 24.

MPG North, a Montana conservation organization, sponsors the project and will provide shuttle service to its property east of Condon. Volunteers will meet in the UM Forestry Building parking lot at 9 a.m., but also are welcome to drive themselves to the location. Volunteers are encouraged to bring warm clothing and sturdy footwear.

A small tour and history of the property will begin at 11 a.m., followed by a stream revegetation project of planting skunk cabbage shoots along a small creek bed. Lunch is included, along with complimentary thank-you gifts.

Skunk cabbage, an early blooming aquatic plant with large yellow flowers, serves as a food source for local bears.
and also enriches biodiversity in the stream ecosystem community.

Only 10 volunteers are needed, so those interested in signing up should call Clare Vergobbi, UM Ecosystem Science and Restoration project coordinator, at 801-699-6619 or email clare.vergobbi@umontana.edu.

MPG North strives to conserve Montana open space through restoration, preservation and wildlife habitat revitalization, as well as research and educational outreach. The MPG North property encloses 200 undeveloped acres in the Swan Valley managed by researchers and field staff.

To learn more about MPG North, visit http://www.mpgnorth.com/about.

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**Contact:** Clare Vergobbi, UM Ecosystem Science and Restoration student and project coordinator, 801-699-6619, clare.vergobbi@umontana.edu; Alexis Gibson, UM College of Forestry & Conservation associate professor, 406-243-5521, alexis.gibson@mso.umt.edu.
UM Student Wins Award to Spend Year Studying, Working in Germany

April 15, 2016

MISSOULA – University of Montana student Autumn Barnes-Fraser has won a Congress-Bundestag Youth Exchange for Young Professionals full-ride award to study and work in Germany from July 2016 through August 2017.

Barnes-Fraser is a sophomore majoring in broadcast journalism and minoring in German. She is the daughter of Barbara Barnes and Michael Fraser of Helena, and a graduate of Helena High School.

The Congress-Bundestag Youth Exchange for Young Professionals is a cultural immersion program that aims to strengthen the ties between Germany and the United States. It begins with an intensive eight-week language immersion program, followed by a semester of study and then a five-month internship in a German-speaking work environment. Participants act as ambassadors during their year abroad, academically, professionally and socially.

Barnes-Fraser will be studying the narrative art of radio journalism, and she hopes to intern at a German radio broadcasting bureau.
The Congress-Bundestag Youth Exchange for Young Professionals fellowship is funded by the German Bundestag and U.S. Congress. Each year it provides 75 American and 75 German young professionals the opportunity to study, intern and live abroad. Learn more at https://www.cbyx.info/

Contact: Laure Pengelly Drake, director of External Scholarships and Advising, UM Davidson Honors College, 406-243-6140, laure.pengellydrake@umontana.edu; Autumn Barnes-Fraser, UM student, 406-431-9108, autumn.fraser@umontana.edu.
UM Honors College Students Win STEM Research Awards

April 14, 2016

MISSOULA – University of Montana students Ashley Alexander and Benjamin Mason recently won awards in the STEM category for their poster presentations at the 2016 Western Regional Honors Council Conference held in Riverside, California.

Alexander and Mason competed against dozens of other students in the largest annual meeting of honors programs and colleges in the
western United States.

Mason is a senior who aims to graduate in May with a major in microbiology and a minor in Spanish. His poster, “Molecular Basis of Serum Resistance in Bartonella Species,” won first place in the STEM category. Mason conducted his research under the direction of UM biology Professor Michael Minnick. He is the son of Scott and Patti Mason of Kalispell, where he graduated from Flathead High School.

Alexander is a sophomore majoring in biology with a concentration in genetics and evolution. Her poster, “Better than Before and Better Together: Fitness as a Function of Diversity in a Simple Microbial Community,” won third place in the STEM category. Alexander’s project was carried out in collaboration with UM postdoctoral scholar Don-Dong Yang. Their work was supported by a NASA Exobiology grant to UM Department of Biological Sciences Professor Frank Rosenzweig. Stanford genetics Professor Gavin Sherlock is a co-principal investigator on the project. Alexander is the daughter of Mark and Larisa Alexander of Twin Falls, Idaho, where she graduated from Twin Falls High School.

“Both projects are ongoing with important support from co-authors,” said Davidson Honors College Dean Brock Tessman. “They represent the outstanding achievements of undergraduate students at the University of Montana in STEM-related disciplines.”

The Western Regional Honors Council is a professional organization of faculty, administrators and students.

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dedicated to the promotion and advancement of undergraduate honors education. By sharing information about honors programs and the best honors practices regionwide, the WRHC hopes to create an intellectual, programmatic and administrative network of resources aimed at helping the region’s honors programs grow and thrive.

For more information visit http://www.wrhc.nau.edu/index.html.

Contact: Brock Tessman, UM Davidson Honors College dean, 406-243-2541, brock.tessman@umontana.edu; Ashley Alexander, UM student, 208-420-9949, ashley.alexander@umontana.edu; Ben Mason, UM student, 406-471-8367, b.masonator@gmail.com.

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Missoula, MT 59812
Phone: (406) 243-2522
news@umontana.edu
MISSOULA – Cougars, snowshoe hares, Yellowstone hot pools and many other features of Montana’s iconic ecosystems radiate through colorful photography and insightful stories in the latest edition of a University of Montana online magazine.

The Winter/Spring 2016 issue and 14th edition of the Crown of the Continent and Greater Yellowstone E-Magazine now is online at

https://issuu.com/um_crown_gye/docs/crown_of_the_continent_and_greater__fb66ed8f2b7c3d .

In this edition, the snowy season takes center stage in a six-photo spread of Yellowstone National Park and in two stories on “winterkeepers,” the rare and intrepid souls who look after buildings during the cold winters in Glacier and Yellowstone national parks when no one else is around.

The issue contains all-season features as well, including a story about recent cougar research in the Greater Yellowstone region; about what scientists are learning from microorganism research in Yellowstone’s hot pools and
springs; about important research on snowshoe hares in the Crown of the Continent; and on beaver research carried out by the Miistakis Institute in Calgary.

Readers also will find essays on dragonfly deployment and the importance of the Badger-Two-Medicine Valley for the Blackfeet Nation, as well as the significance of protecting the Crown of the Continent and Greater Yellowstone ecosystems.

For more information about this UM initiative and previous issues of the e-magazine, visit https://crown-yellowstone.umt.edu or email editors Jerry Fetz or Rick Graetz at fetzga@mso.umt.edu and rick.graetz@umontana.edu.

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**Contact:** Jerry Fetz, UM Crown of the Continent and Greater Yellowstone Initiative co-director, 406-546-5711, fetzga@mso.umt.edu; Rick Graetz, UM Crown of the Continent and Greater Yellowstone Initiative co-director, 406-439-9277, rick.graetz@mso.umt.edu.
UM to Host Montana Supreme Court Oral Argument April 22

April 14, 2016

MISSOULA – The Alexander Blewett III School of Law at the University of Montana will host a Montana Supreme Court annual oral argument at 8:30 a.m. Friday, April 22, in the University Center Ballroom. Parking will be available on the top level of the UM parking garage free of charge for attendees.

The case to be presented is the City of Missoula, a Montana municipal corporation, Plaintiff and Appellee, v. Mountain Water Company, a Montana corporation, and Carlyle Infrastructure Partners, LP, a Delaware limited partnership, Defendants and Appellants.

The Fourth Judicial District Court has granted a preliminary order of condemnation allowing the City of Missoula to take over the Missoula water system now operated by Mountain Water Company. The court ruled that municipal ownership of the system is a “more necessary public use” than private ownership.

Although Mountain Water and its parent company raised several issues on appeal, the Court has limited oral argument to the question of whether the district court correctly applied the law as set forth in § 70-30-111, MCA, and City of Missoula v. Mountain Water Co., 228 Mont. 404, 743 P.2d 590 (1987).
An introduction to the case will be given by law Assistant Professor Martha Williams starting at 8:30 a.m. Williams teaches Introduction to Environmental Law, Wildlife Law, Property I, Public Land and Natural Resources Law, Climate Law and is co-director of the Land Use & Natural Resources Clinic at the law school.

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**Contact:** Mike White, UM law school media information specialist, 406-243-6509, michael.white@mso.umt.edu.
UM to be Exclusive Montana Host Site of Shakespeare’s First Folio

April 14, 2016

MISSOULA – As good luck would have it – words penned by William Shakespeare – a rare opportunity to see the actual book that contains the first collected edition of Shakespeare’s plays is coming to Missoula.

The Maureen and Mike Mansfield Library and Montana Museum of Art & Culture will present “First Folio! The Book that Gave Us Shakespeare, on National Tour from the Folger
The Folger Shakespeare Library, in association with the Cincinnati Museum Center and the American Library Association, is touring the exhibition to all 50 states, Washington, D.C., and Puerto Rico in 2016. UM was selected as the only location in Montana to feature the exhibit. The First Folio will be displayed at the Montana Museum of Art & Culture, which will offer free admission and extended hours for the exhibit.

The First Folio is the first complete collected edition of William Shakespeare’s plays, published in 1623, seven years after his death. Compiled by two of Shakespeare’s fellow actors, it preserves 36 of Shakespeare’s plays. Without it, we would not have 18 previously unpublished masterpieces, including “Macbeth,” “Julius Caesar,” “Twelfth Night,” “The Tempest” and “Antony and Cleopatra.”

Why go see it?

“It isn’t every day we get to see a 400-year-old book,” Missoula resident and world-renowned English Renaissance literature expert Linda Woodbridge said. “The First Folio shows a desire to give play scripts permanence, to make them available for people to read, as well as to see performed, and to preserve them for future generations. And this edition of all the plays of one author shows respect for that author – a writer not dismissed as one who churned out popular entertainments, but honored with a big portrait in the front of the book, and with poems of praise by people who knew and respected him, and thought that plays mattered.”

According to Woodbridge, it’s also a great opportunity to see what print technology looked like in the first century after print was invented.

“In an age when printing methods were labor-intensive, and printing and binding were very expensive, to publish a big book of plays, by one author, made a real statement,” she said. “This elaborately printed collection shows respect.”
Many people experience only a few of Shakespeare’s plays by studying them in school or by seeing them performed. The exhibition will show visitors a wider scope of his work.

“It’s good to be reminded that [Shakespeare] wrote some 37 long plays – tragedies, comedies, history plays,” Woodbridge said. “He’s great partly because of the sheer magnitude of his achievement, and the First Folio makes that tangible.”

In conjunction with the exhibit, UM and the Missoula community will host a slate of events to celebrate all things Shakespeare. The schedule of related events follows:

- **Exhibit opening reception:** 5-7 p.m. Monday, May 9. MMAC will host an opening reception in conjunction with the official launch of the exhibition. UM Performing Arts and Radio/Television Center Meloy and Paxson Galleries and lobby. The reception, which is free and open to the public, will feature Dolce Canto performing Elizabethan-era music.

- **Shakespeare at the Movies:** 7:30 p.m. Monday, May 9. Missoula’s Community Cinema The Roxy will present Kenneth Branagh’s 1996 production of “HAMLET.” The Roxy Theater is located at 718 S. Higgins Ave. Tickets cost $5 for youth, $7 for students and seniors and $8 for adults. They can be purchased in advance online at [http://www.theroxytheater.org/](http://www.theroxytheater.org/).

- **Shakespeare for Students!** 9 a.m.-noon Tuesday through Thursday, May 10-12. Missoula County School District seventh grade students will ride buses to UM to see a “Romeo and Juliet” fight scene performed by UM School of Theatre & Dance students. Following the performance, students will break up into small groups to engage in short entertainment sessions with members of the Missoula Children’s Theatre and the School of Theatre & Dance. This event is sponsored by SPARK! Arts Ignite Learning and Humanities Montana. UM PAR/TV building.

- **Free day at the Children’s Museum Missoula:** 10 a.m.-5 p.m. Thursday, May 12. Children will receive free admission to the museum and are encouraged to stop into the Culture Room, which will be decked out as Shakespeare’s Globe Theatre. Related crafts and activities will take place throughout the day. Special programs include:
  - 11-11:30 a.m.: Words, Words, Words: practice using action words, feeling words and compliments.
  - 1-1:30 p.m.: Create a Story: A little twist on Mad Libs, making stories is sure to make some laughs.
  - 3:30-4 p.m.: BASEment Improv: Local comedians will teach improv and acting.
  - The Children’s Museum Missoula is located at 225 W. Front St. This event is free and open to the public. Visit [https://www.childrensmuseummissoula.org/](https://www.childrensmuseummissoula.org/) for more information.

- **Shakespeare at the Movies:** 7:30 p.m. Monday, May 16. Missoula’s Community Cinema The Roxy will present Baz Lurman’s production of “Romeo + Juliet.” The Roxy Theater is located at 718 S. Higgins Ave. Tickets cost $5 for youth, $7 for students and seniors and $8 for adults. They can be purchased in advance online at [http://www.theroxytheater.org/](http://www.theroxytheater.org/).

- **Lecture: “The First Folio: What it Meant, What it Means” presented by Woodbridge:** 7-8:30 p.m. Thursday, May 19. This lecture will focus on the importance of the Folio for the preservation of Shakespeare’s works and what printed plays meant to Shakespeare’s fans in his own time. UM PAR/TV Center Montana Theatre. Free and open to the public.
• **Student Players from Across Montana Perform Shakespeare**: Time TBA. Friday, May 20. The Montana Association of Teachers of English Language Arts invites student drama classes and clubs from across the state to perform scenes from Shakespeare. A Q-and-A, which will be facilitated by UM English Professor Beverly Chin, will follow the performances. UM Mansfield Library East Faculty Office Area. Free and open to the public. For more information, or to have your students participate, email Chin at beverly.chin@umontana.edu.

• **Workshop: Best Practices for Teaching Shakespeare**: 9 a.m.-1 p.m. Saturday, May 21. Chin and the Montana Association of Teachers of English Language Arts will host a workshop for teachers on best practices for bringing Shakespeare into the classroom. Third floor of the University Center. Free and open to the public. For more information email Chin at beverly.chin@umontana.edu.

• **Writing Workshop for Youth**: 11 a.m.-1 p.m. Saturday, May 21. The Missoula Writing Collaborative invites western Montana youth to attend the free workshop, which will use the Folio as a creative launch. Space is limited to 25 participants ages 9-12. Email missoulawriting@gmail.com to register. PAR/TV Center Meloy and Paxson Galleries.

• **Writing Workshop for Teens**: Noon-2 p.m. Saturday, May 21. The Missoula Writing Collaborative invites western Montana youth to attend the free workshop, which will use the Folio as a creative launch. Space is limited to 25 participants ages 12-16. Email missoulawriting@gmail.com to register. PAR/TV Center Meloy and Paxson Galleries.

• **Shakespeare at the Movies**: 7:30 p.m. Monday, May 23. Missoula’s Community Cinema The Roxy will present Joss Whedon’s “Much Ado About Nothing.” The Roxy Theater is located at 718 S. Higgins Ave. Tickets cost $5 for youth, $7 for students and seniors and $8 for adults. They can be purchased in advance online at http://www.theroxytheater.org/.

• **Special MOLLI session on the First Folio**: 3 p.m., Wednesday, May 25. The Osher Lifelong Learning Institute at UM – known as MOLLI – will host a special session for lifelong learners age 50 or older. The panel will feature Woodbridge, UM English Professor Ashby Kinch and conservation professional and owner of The Vespiary Book Restoration and Bindery Audra Loyal. This is a MOLLI special member event, MOLLI members can register by calling 406-243-2905 or by emailing molli@umontana.edu.

• **Group Book Discussion of “The Millionaire and the Bard: Henry Folger's Obsessive Hunt for Shakespeare’s First Folio” by Andrea Mays**: 7 p.m., Wednesday, May 25. Fact & Fiction will host a book group discussion. Fact & Fiction is located at 220 N. Higgins Ave. This event is free and open to the public.

• **Lecture: “Shakespeare, Jonson and Literary Immortality” presented by UM English Professor John Hunt**: 7-8:30 p.m. Thursday, May 26. Hunt will use the Folio to illustrate status and practices of writers in early modern England, attitudes toward literary immortality found in Shakespeare’s and Ben Jonson’s works, and the ongoing cultural project of identifying Shakespeare as the greatest of English writers and remaking him in the image of later times. PAR/TV Center Montana Theatre. Free and open to the public.

• **Shakespeare's Sky at spectrUM Discovery Area**: Throughout May. Explore with spectrUM’s Discovery Area
as it journeys back in time to the features of the night sky that inspired Shakespeare’s works. SpectrUM will offer hands-on opportunities to compare the tools we use today to Galileo’s first use of the telescope to unlock the secrets of the sky. Science-based, hands-on activities will be featured during the month of May that highlight and celebrate the brilliance of the First Folio’s night sky. For an updated list of events, free admission days and field trip options visit http://spectrum.umt.edu/.

In addition to the slate of events held in conjunction with the exhibition, the UM School of Theatre & Dance will perform "Romeo and Juliet" Wednesday through Saturday, April 27-30, and Tuesday through Saturday, May 3-7, in UM’s PAR/TV Center Montana Theatre. Tickets for the performances can be purchased online at http://www.umt.edu/griztix/.

In advance of the exhibition, We Are Montana in the Classroom will offer a free distance-learning festival Monday-Wednesday, April 25-27, that will allow high school students across the state the chance to experience Shakespeare’s plays and the Elizabethan world through an array of academic lenses, including physics and astronomy, counselor education, history, theater, neuroscience and French. For detailed information on sessions and to register classes visit http://www.umt.edu/big/we-are-MT/First%20Folio.php.

The Missoula Writing Collaborative and Inspired Classroom will host two hourlong virtual writing experience for fifth-through eighth-grade students using words from the Folio. This event will take place at 10 a.m. on Tuesday, May 3, and Thursday, May 5. For more information and to register, visit http://us10.campaign-archive1.com/?u=db027c253797e2418f8b76aea&id=3ed1eb7d4f&e=[UNIQID].

"We are thrilled to host the Folio on campus in May," said Julie Biando Edwards, an associate professor at the Mansfield Library. "I'm most pleased about the many, many campus and community partnerships we’ve formed over the past two years, as we prepared for the exhibit. This is a true campus/community partnership celebrating the arts and humanities. Our partners are helping us reach people across Montana in innovative and exciting ways."

Campus and community partners and sponsors include Montana Public Radio, Missoula Children’s Theatre, Children’s Museum Missoula, Montana Association of Teachers of English Language Arts, Missoula Writing Collaborative, Humanities Montana, UM School of Theatre & Dance, the offices of the President and Integrated Communications at UM, Destination Missoula, the Missoula Tourism Business Improvement District, The Roxy Theater, spectrUM Discovery Area, SPARK! Arts Ignite Learning, Inspired Classroom, We Are Montana in the Classroom, the University Center, the President’s Lecture Series and the Missoulan.

Museum hours, a current schedule of the events surrounding the exhibition and information about the Folio is available online at: http://www.lib.umt.edu/folio/.

"We are extremely excited to partner with the Maureen and Mike Mansfield Library and so many fine organizations to celebrate the extraordinary contributions Shakespeare made to mankind," said Barbara Koostra, MMAC director. "The exhibition promises exceptional cultural opportunities for our region."

The tour is made possible in part by a major grant from the National Endowment for the Humanities and by the support of Google.org, Vinton and Sigrid Cerf, the British Council and other generous donors.

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Contact: Julie Biando Edwards, associate professor, Maureen and Mike Mansfield Library, 406-243-4505, julie.edwards@umontana.edu; Barbara Koostra, director, Montana Museum of Art & Culture, 406-243-2019, barbara.koostra@mso.umt.edu.
April 14, 2016

MISSOULA – Nicky Phear, the Climate Change Studies coordinator at the University of Montana, recently was named the 2016 recipient of the Clean Energy and Empowerment Education (C3E) Award from the U.S. Department of Energy.

The national award recognizes Phear’s leadership in education about clean energy and her mentorship of students in this field.

“It’s a great honor to receive this recognition,” Phear said. “I can’t think of a more worthy goal than empowering our youth to tackle our planet’s energy and climate challenges.”

C3E was launched in 2010 to promote women leaders in the clean energy fields. It is led by the U.S. Department of Energy in collaboration with the MIT Energy Initiative and the Stanford...
Precourt Institute for Energy.

Each year awardees are selected in eight categories to recognize mid-career women who have demonstrated outstanding leadership and accomplishments in clean energy.

Phear will accept the award on May 31 at the C3E Women in Clean Energy Symposium at Stanford University.

In 2008, she helped develop one of the nation’s first and only academic programs to focus on climate change. She now oversees the interdisciplinary Climate Change Studies minor at UM. She also has advised and mentored nearly 150 students through this program.

She teaches the Introduction to Climate Change: Science and Society course required of all students in the minor. Phear also coordinates internship and mentoring opportunities for 20 to 25 students each year. Her support and encouragement has led to students receiving prestigious awards, including six Udall and three Truman Scholarships, two Newman Civic Fellow Awards, and one Rhodes and two Marshall Scholar finalist positions, all within the past six years.

Since 2006, she has led student educational experiences to enhance interaction and understanding of how climate change affects the natural environment. She developed the innovative Cycle the Rockies course for the Wild Rockies Field Institute, which teaches students about energy and climate change as they cycle across Montana. She also developed a similar Bhutan Ride for Climate, which fosters the exchange of ideas regarding climate change between Bhutanese and U.S. students as they bike across Bhutan.

Phear also leads a student course in Vietnam, teaching six credits on climate change effects and adaptation and societal impacts in the Mekong Delta. In addition, she is an active member of the campus community, overseeing residence hall sustainability and organizing climate change discussions. She developed UM’s EcoReps program, which places student sustainability advocates in the residence halls.
Phear also is a founding member of the Climate Smart Missoula organization and a member of UM's inaugural Women’s Leadership Initiative, created by President Royce Engstrom in August 2015 to build a culture of support for women's leadership at UM.

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**Contact:** Nicky Phear, UM Climate Change Studies program coordinator, 406-243-6932, nicky.phear@umontana.edu.
UM Music Students Take Third in National Competition

April 13, 2016

MISSOULA – Two University of Montana School of Music students and one Missoula Hellgate High School student recently won third place at the Music Teachers National Association’s Young Artist String Chamber Music Competition in San Antonio.

The Missoula Piano Trio consists of UM graduate student Adam Sears of Missoula on piano, UM senior Sarah Harmsworth of Bonner on violin.
and Missoula Hellgate High School student David Harmsworth, Sarah’s brother, on cello. The trio will repeat their winning performance at 7:30 p.m. Wednesday, May 11, in the UM Music Recital Hall as part of Sears’ graduate chamber music recital.

“The performance was virtually flawless and very possibly the most heartfelt of all. You could feel it in the air,” said UM music Professor Steven Hesla, who coached the trio. “I was so proud.”

In addition to countless hours of practicing their competition repertoire on their own and together, the trio spent more than 60 hours practicing with Hesla, their primary coach. After winning the regional competition, they went on to face five other finalists at the national competition. A piano trio from Brigham Young University took first place, and a string quartet from Vanderbilt University took second place.

“Theyir hard work paid off,” Hesla said. “All ensembles were deserving of their national finalist status, and our trio’s distinction is even more notable given the quality of its well-qualified competitors.”

For more information on the trio and the competition, call Hesla at 406-243-6055 or email steven.hesla@umontana.edu.

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**Contact:** Steven Hesla, UM music professor, 406-243-6055, steven.hesla@umontana.edu.
UM Music Students Take Third in National Competition - UM News - University Of Montana
MISSOULA – The University of Montana ROTC program invites the public to celebrate the national ROTC’s 100th birthday with a party from 11 a.m. to noon Friday, April 15, at UM’s Schreiber Gymnasium.

The event will celebrate ROTC’s long and storied tradition of producing exceptional leaders and will reflect on the many cadets who have displayed valor during their service. The celebration is free and open to the public, and attendees are invited to stay for lunch.

The passage of the National Defense Act established the nationwide Army Reserve Officers’ Training Corps in 1916. UM’s ROTC program has been active nearly as long, with the University’s first commissioned officers graduating in 1922. Since then, UM has produced more than 1,800 Army officers.

Today, the program boasts some of the finest instructors in the country, including Cap. Patrick Beckwith, who was named 2015 United States Army Cadet Command Instructor of the Year.

“We value our relationship with the University and the community,” said Lt. Col. Chad Carlson, who oversees UM’s
ROTC program. “We would like to take this opportunity to show that appreciation by commemorating 100 years of our history and the amazing shared relationship that we have developed over the years and hope to improve on in the future.”

The ROTC birthday celebration will kick off a new fundraising effort to honor and celebrate this long tradition of excellence. With support from donors in the community, the Department of Military Science, which oversees UM’s ROTC program, will renovate a Hall of Fame currently located near the Schreiber Gym atrium. The Hall of Fame displays the many achievements ROTC and department alums have accomplished over the decades. The Hall of Fame will act as a testament to the rich history of the program at UM and honor those who have shown tremendous leadership and courage through their service.

In addition to the Hall of Fame, military science hopes to replace the cannon used at UM football games to celebrate touchdowns with a more functional model. Once retired, the current cannon will become a monument outside Schreiber Gym, where it will symbolize the strong traditions the Department of Military Science has helped build within the UM community.

For specific questions regarding the Schreiber Gymnasium and football cannon upgrades, email kris.pyette@mso.umt.edu. Those interested in making a contribution to this effort can do so online at http://supportum.org/give/, adding “Military Sciences Maintenance Fund” to the comments/additional information box. Supporters may also mail checks to:

University of Montana Foundation
P.O. Box 7159
Missoula, MT 59807
Memo line on check: Military Sciences Maintenance Fund

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**Contact:** Maj. Kris Pyette, U.S. Army, Department of Military Science, 406-243-4326, kris.pyette@mso.umt.edu; Bitty Balducci, assistant director of development, UM College of Humanities and Sciences, 406-243-2568, bitty.balducci@mso.umt.edu.
UM Gallery Issues Call For Solo, Collaborative Exhibitions

April 13, 2016

MISSOULA – The University Center Gallery at the University of Montana is accepting submissions to exhibit for the 2016-17 school year.

The UC Gallery exhibits eight shows from September through May, each typically running for one month. A $10 application fee is required for all students and employees and a $15 fee for the general public.

A printed copy of the application, artist statement, eight photographed examples of work on a CD or flash drive, application fee, resume (if desired) and any additional relevant information is due in the gallery by 4 p.m. Friday, April 22.

The UC Gallery is a student-run, not-for-profit program available through UC Student Involvement.

Applications and other information are available at the gallery and on the gallery website, http://www.umt.edu/uc/Arts-Entertainment/uc-gallery/. For more information visit http://www.umt.edu/uc/Arts-Entertainment/uc-gallery/exhibit-here.php.
Contact: Gwen Landquist, UC marketing and art manager, 406-243-5555, gwen.landquist@mso.umt.edu; Brianna McLean, UC Gallery supervisor, 406-243-5564, brianna.mclean@mso.umt.edu; Paige Robinson, UC Gallery assistant supervisor, 406-243-5564, paige.robinson@mso.umt.edu.
MISSOULA – Ethnic brand imagery, including American Indian mascots, can strengthen stereotypes, causing detrimental societal consequences, according to a newly published study conducted by a University of Montana researcher.

UM Assistant Professor Justin Angle, in partnership with researchers Sokiente Dagogo-Jack and Mark Forehand at the University of Washington and Andrew Perkins at Washington State University, found measurable negative effects of ethnic brand imagery. The researchers also found that a person's political identity may predict how susceptible they are to adopting stereotypes associated with branding, logos and sports mascots.

Angle said the study is one of the first empirical demonstrations of the influence of ethnic brand imagery on both positive and negative stereotypes in the broader population. "Activating Stereotypes with Brand Imagery: The Role of Viewer Political Identity" was published in the Journal of Consumer Psychology on April 11. The article is online...
The researchers used American Indian sports mascots in two lab experiments and a field study in multiple cities.

“We set out to study whether or not the use of American Indian brand imagery increases stereotype beliefs in the broader population, a claim that has been made many times but never empirically tested,” Angle said.

The first study assessed whether exposure to American Indian brand imagery increased the association of American Indian with “warlike.” Liberal participants exposed to such logos showed a stronger association of American Indians with “warlike.” More conservative participants did not exhibit a strengthened stereotype.

“This finding, while counterintuitive on the surface, is actually consistent with past research showing that liberals tend to have more malleable world views and are therefore sometimes more sensitive to contextual cues,” Angle said.

The researchers also investigated whether American Indian brand imagery could similarly affect positive stereotypes, specifically the association of American Indians with “noble.” They exposed participants to an American Indian mascot either with or without a “noble” slogan.

When no slogan was present, the association of American Indians with “noble” weakened for liberals, but not for conservatives, conceptually replicating the pattern observed in the first experiment. However, when a positive stereotypical slogan (“We are Noble, We are Peaceful, We Compete with Honor!”) accompanied the logo, liberal participants showed strengthened association of American Indians with “noble.”

“These results fail to support the common argument that exposure to ethnic brand imagery automatically improves response to the ethnic group,” the authors of the study conclude. “Although such an effect is possible with sufficient verbal promotion of the positive stereotype, ethnic logos presented in isolation failed to increase positive ethnic associations among conservatives and actually decreased positive associations among liberals.”

To test whether these effects generalize outside the laboratory, the researchers sampled residents in sports markets that use American Indian-themed mascots. Based on a pretest survey assessing the offensiveness of nine different professional sports team logos, they chose the Cleveland Indians, which rated most offensive, and the Atlanta Braves, which rated least offensive. They also sampled residents in two roughly parallel media markets with animal-themed franchises (Detroit Tigers and Florida Marlins).

Exposure to the “more negative ethnic logo” (i.e., residing in Cleveland vs. Detroit) significantly strengthened negative stereotypes among more liberal individuals whereas exposure to the “less negative logo” (i.e., residing in Atlanta vs. Miami) did not significantly influence negative stereotypes at any level of political identity.

This effect persisted when testing potential pre-existing differences among the four media markets when considering gender, race, familiarity with and exposure to American Indians, and fandom of the American Indian branded team. Each category produced similar results.

“This result is perhaps the first demonstration of the adverse effects of exposure to ethnic brand imagery – specifically American Indian sports mascots – in the broader population,” Angle said.
Contact: Justin Angle, assistant professor and researcher, UM School of Business Administration, 206-650-5522, justin.angle@umontana.edu.
UM School of Journalism to Host Annual High School Journalism Day

April 12, 2016

MISSOULA – The University of Montana School of Journalism expects to host more than 250 students for its annual High School Journalism Day on Thursday, April 14.

The event begins with a ceremony at 9 a.m. in the University Center Theater and ends with a tour of campus at 3:30 p.m. Students with the highest scores on stories submitted for review to UM journalism faculty will receive certificates during the ceremony. Workshops will be offered in Don Anderson Hall throughout the day.

The turnout will break last year’s record of 180 students, with students coming from schools all across the state. This year, 23 schools will attend and students will have the opportunity to participate in 11 different workshops.

Each spring, high school students from around the region come to the UM School of Journalism for a day of workshops and recognition. The school’s faculty present workshops on a variety of relevant topics ranging from photo editing to news writing to broadcast practices.

Founded in 1914, the School of Journalism is now in its second century of preparing students to think critically, to
act ethically and to communicate effectively. The school recently was named one of the top 10 journalism programs in the country by the Radio Television Digital News Association.

To learn more about the UM School of Journalism, visit http://jour.umt.edu/.

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**Contact:** Alyssa Rabil, UM School of Journalism media and information coordinator, 406-243-4366, alyssa.rabil@mso.umt.edu.
MISSOULA – The Alexander Blewett III School of Law at the University of Montana will focus on the theme of access to justice during its annual Law Week April 18-22. Events will explore the need for civil legal assistance among low-income Montanans.

The Montana Legal Services Association, a nonprofit agency funded by the Legal Services Corporation and the generosity of donors, has partnered with UM during Law Week to discuss ways Montana attorneys can help address the need.

Four free continuing legal education credits are available, including one ethics credit. Credits will address limited scope representation for low-income clients, access to justice in family law and access to justice in veteran’s law. Practicing attorneys and law students are encouraged to attend.

A full list of all law week events is available on the School of Law calendar at http://www.umt.edu/law/newsevents/events/default.php.

About 144,000 Montanans live at or below the Federal Poverty Rate. Nearly half of those individuals report having at least one civil legal need they do not have the resources to address. While some civil aid programs are available,
current funding can only provide one legal aid attorney per 11,077 low-income individuals. Many of the individuals in need of legal assistance face homelessness, domestic violence and the loss of public benefits that pay for food. Unfortunately, resources only allow about one-third of these individuals to receive help each year.

With 15 attorneys on staff, MLSA seeks to provide free civil legal services to all low-income Montanans. Volunteers and advocates play an important role in the MLSA’s ability to meet Montana’s civil legal needs. In 2015, advocates and volunteers were able to handle 2,761 cases.

In an effort to meet Montana’s civil legal need, MLSA often provides training to attorneys willing to provide pro bono assistance in a specific area of law. Self-help clinics are also offered to low-income communities in order to maximize available legal assistance.

Contact: Mike White, UM law school media information specialist, 406-243-6509, michael.white@mso.umt.edu.
MISSOULA — The Northwest Chapter of the National Academy of Television Arts and Sciences has announced nominations for this year's Emmys, and MontanaPBS has earned 13 nominations for its outstanding programming over the past year.

The nominations span nine different categories including documentary, writing, photography, audio and editing.

One program, “Finding Traction,” received six nominations. “Finding Traction” follows Montana ultra-runner Nikki Kimball as she attempts a grueling 273-mile race across the nation’s longest hiking trail.

Producer John Twiggs received two nominations for the program “Concussion: Answers in the Blood?” The documentary follows two University of Montana scientists who received funding from General Electric and the National Football League for their novel research on concussions. Twiggs also received a nomination for a segment he produced for “Backroads of Montana” featuring a centenarian bugler.

“Bard in the Backcountry,” a film that chronicles a summer season of Shakespeare in the Parks in Montana, and
“11th & Grant with Eric Funk,” a show that gives local musicians a chance to showcase their talent to a statewide audience, each received two nominations.

The winners will be announced in June in Seattle.

A full list of the MontanaPBS nominees and the categories follows:

- **Arts/Entertainment – Feature/Segment**
  

- **Arts/Entertainment – Program/Special**
  
  “11th & Grant with Eric Funk featuring Angella Ahn & Friends.” Scott Sterling, director; Aaron Pruitt, executive producer; Paul Gomez Routhier, producer; Eric Funk, artistic director; and Jeremiah Slovarp, audio director.

- **Documentary – Cultural**
  
  “Bard in the Backcountry.” Cindy Stillwell, director; Tom Watson, director; Aaron Pruitt, executive producer; Chris Seifert, executive producer.

- **Documentary – Topical**
  
  
  “Finding Traction.” Jaime Jelenchick Jacobsen, director; Aaron Pruitt, executive producer; Charles Dye, director; Rick Smith, director of photography; Daniel Schmidt, director of photography.

- **Director – Post Production**
  

- **Writer – Program**
  

- **Photographer – Program**
  
  “Finding Traction.” Daniel Schmidt; Rick Smith.

- **Editor – Program**
  
  
MontanaPBS Garners 13 Regional Emmy Nominations - UM News - University Of Montana

- Audio


“11th & Grant with Eric Funk featuring Angella Ahn & Friends.” Jeremiah Slovarp, audio director.

MontanaPBS is composed of KUFM-TV Missoula and KUSM-TV Bozeman, each a noncommercial educational licensee of UM and Montana State University, respectively.

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Contact: Aaron Pruitt, MontanaPBS content director, 406-994-5021, aaron_pruitt@montanapbs.org; John Twiggs, MontanaPBS producer, 406-243-4565, john.twiggs@umontana.edu.

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MISSOULA – The University of Montana will host a discussion about the impact of epidemics in the 21st century on Thursday, April 14, as part of a College of Humanities and Sciences lecture series.

“Epidemic Measures: Zika, Humanity and the 21st Century” will be held at 7 p.m. in Interdisciplinary Sciences Building Room 110. The event is an installment of the college’s A Dialogue in the Humanities and Sciences series.

The discussion will focus on the emergence of the Zika virus, its effect on local and global communities, and government and organizational response. It will feature communication studies Associate Professor Joel Iverson, biochemistry Professor Steve Lodmell and sociology Associate Professor Teresa Sobieszczyk. The dialogue will be moderated by UM alumnus and freelance journalist Jeremy N. Smith, who recently authored the acclaimed book “Epic Measures: One Doctor. Seven Billion Patients.”

“Each spring the College gathers to recognize our exceptional teachers and to engage in a discussion of societal importance from both scientific and humanistic perspectives,” said acting dean Jenny McNulty. “Our dialogue this year promises to be engaging and incredibly timely, complete with an all-star cast of faculty and alumni specialists.”
The event is free and open to the public, and light refreshments will be provided. Copies of “Epic Measures” will be available for purchase, and Smith will do a signing. The 2016 H&S Teaching Awards also will be announced.

For more information contact Ian Withrow, media and information coordinator with the college, at 406-243-2683 or email ian.withrow@mso.umt.edu.

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**Contact:** Ian Withrow, media and information coordinator, UM College of Humanities and Sciences, 406-243-2683, ian.withrow@mso.umt.edu.
MISSOULA – In groundbreaking new work, Natalie Wright, a postdoctoral fellow at the University of Montana, has discovered a predictable trend in the evolution of bird shape.

Her research showing that birds on islands have evolved toward flightlessness was published April 11 in Proceedings of the National Academy of Sciences. Her partners include Christopher Witt of the University of New Mexico and David Steadman of the University of Florida.

“The search for general trends in evolution of animal shape, size and color, often comes up empty,” Wright said. “Evolution tends to be unpredictable, leading toward different forms in different places. So it was gratifying to
Wright said it is widely known that particular types of birds tend to become flightless after they colonize islands that have no predators. Flightlessness has evolved over a thousand times, but it tends to evolve only from certain types of ancestors – usually birds such as rails that already spend most of their time on the ground.

Wright wanted to know whether there are predictable evolutionary trends that apply to all island birds, the vast majority of which can still fly. Like the flightless species on their islands, they generally have fewer predators than their relatives on the mainland. But most species still need to fly in order to find food. So as part of Wright's doctoral research at the University of New Mexico, she focused on how flying birds evolved on islands and whether they exhibit similar changes to those seen in flightless island species.

Her team found that flying birds evolved smaller flight muscles and longer legs on islands, just as occurred in flightless birds, but to a lesser extent. On islands with fewer predators, this evolutionary trend toward flightlessness was more pronounced. This trend held for bird species that rely upon flight for finding food, including those representing families of birds that have never had a member completely lose flight, such as hummingbirds, kingfishers and flycatchers.

“I would be shocked if a hummingbird or tanager or fruit-dove ever lost the ability to fly entirely,” Wright said. “It’s central to how they make a living. But these birds are still reducing the size of their flight muscles when relief from predators allows them to do so.”

Wright and her colleagues examined how well various island characteristics – including island area, overall bird species richness, raptor species richness and the presence of native mammalian predators – predicted changes in body shape in birds.

They found that a combination of richness in raptor species and mammalian predators best explained variation in flight-muscle size and leg length, suggesting that predation rather than something else inherent to being restricted to islands has driven the pattern.

“Without predators selecting for the maintenance of large, powerful flight muscles, birds can save energy by reducing these muscles,” Wright said. “Instead, they develop longer legs as they rely more heavily on leg-powered locomotion. These longer legs may act as a longer lever as the birds jump during takeoff, making up for their smaller muscles.”

She said takeoff requires enormous amounts of power from flight muscles, particularly when birds take off rapidly to escape predators. If they don’t need to escape predators, birds can take off more slowly, depending more upon their legs to jump during takeoff, and reduce their energetically expensive flight muscles.
Previous studies of birds evolving on islands focused on body size or other single measurements that might reveal important trends. Wright and colleagues found no overall trends in body size evolution in their study.

“It turns out that for island birds, it's important to look simultaneously at the size of the wings and legs,” she said.

Museum specimens were key to recognizing the general trend. Nearly 20 years ago, David Steadman, curator of birds at the Florida Museum of Natural History, began collecting data on flight-muscle size from bird specimens collected in Pacific islands. Over time, Wright, Witt and many others contributed to the effort, and the dataset grew to include over 8,000 specimens from roughly 1,400 species of birds around the world.

To include birds from as many islands as possible in this project, Wright measured additional thousands of bird skeletons from museums across the country.

"In the end, the labor of hundreds of museum ornithologists over the course of a century contributed to our dataset," Wright said. Steadman notes that, "Bird skeletons from the world’s islands continue to enlighten us about evolution. In revealing the reduced powers of flight, these skeletons go a long way to explain the special ways that island species behave differently from their continental relatives."

These findings also shed light upon a mechanism for a long-known trend: Island birds, even those that fly, are extremely vulnerable to introduced predators. Many scientists, including Darwin, have remarked upon island birds' seeming lack of fear of predators. This "island tameness" has been suggested as a cause of island birds' susceptibility to predators. The present findings suggest another contributing factor: small flight muscles that reduce the speed of escape.

Islands are often hotbeds of evolution because their isolation facilitates genetic divergence from related populations, Wright said. But systematic evolution of smaller flight muscles may make it less likely that island populations will colonize new areas from those islands.

"Island birds are some of the most interesting tips on the evolutionary tree, but this study suggests that ancestors in that tree are less likely to have been on islands themselves," Witt said. "Colonization of islands by a strong-flying species might lead to a flurry of new species that will have diminished flight ability and will ultimately perish. In this way, bursts of branching followed by dieback could be a somewhat predictable cycle on the tree of life."

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Contact: Natalie Wright, UM Flight Laboratory postdoctoral fellow, 406-243-6834, nataliestudiesbirds@gmail.com.
MISSOULA – Innovators, change makers and thought leaders will gather at the University of Montana on Wednesday, April 13, for “innovateUM,” a day of dialogue about issues and ideas that shape our lives and our communities.

“We’re excited for this opportunity to share the innovation, creativity and research happening at UM with the people of Montana,” said Scott Whittenburg, UM vice president for research and creative scholarship. “InnovateUM celebrates the many ways that University of Montana research, creative scholarship and entrepreneurship enhance Montana’s economy and promote educational and career opportunities in our state.”

Members of the public and the UM community are invited to join the all-day event in the University Center, which include talks, conversations, a technology expo, art and food. Highlights include:

- “At the Confluence of Water and Community,” a conversation with Missoula Mayor John Engen and Confederated Salish and Kootenai Tribal Chairman Vernon Finley, moderated by Montana Public Radio News Director Emeritus Sally Mauk.
• “Backyard Brains: Neuroscience for the 99 Percent,” a talk by neuroscientist and TED Fellow Greg Gage, co-founder of Backyard Brains, a company that creates kits and experiments that enable anyone to be a neuroscientist.

• “UM Trailblazers Live at the UC,” a talk-show format conversation moderated by ESPN Missoula's Ryan Tootell and featuring UM forest entomology and pathology Professor Diana Six, UM research Assistant Professor Sarj Patel, UM Climate Change Studies program instructor and coordinator Nicky Phear, UM chemistry and biochemistry Associate Professor Aaron Thomas, and a live cooking show by “What’s Cookin’ with Doc” TV host and UM faculty affiliate Michael Fenster.

• “The Language of Food as an Art Form,” a lunch and talk with Missoula chef Ray Risho.

• “Prequel” talks with Missoula entrepreneurs on the early failures, successes and experiments that defined their careers, moderated by Mamalode CEO and founder Elke Govertson and featuring Montana Board of Regents Professor of Marketing Jakki Mohr, Bank of Montana CEO and President Tom Swenson, Submittable Co-Founder Michael FitzGerald, Porch Productions Founder and CEO Paige Williams, Rivertop Renewables Founder Don Kiely and Six Pony Hitch owner Spider McKnight.

• A performance from the CoMotion Dance Project’s “Fire Speaks the Land,” introduced by co-author and producer Karen Kaufmann, UM professor of dance.

Throughout the day, exhibitors from UM and from the private sector, including UM alumni, will display their technology and lead activities and demonstrations at a tech expo co-organized by UM’s Autonomous Aerial Systems Office. At the center of the expo, visitors can fly a drone under an enclosed safety net.

“Our vision for innovateUM is to create a lively, welcoming environment where the public and the University community can connect with UM faculty members, students and alumni who are seeking solutions to real-world problems and seizing opportunities for growth and change in our state and around the world,” said Holly Truitt, UM Broader Impacts Group director.

InnovateUM is organized by the Broader Impacts Group, a unit of the Office of Research and Creative Scholarship dedicated to harnessing the University's research and creative scholarship to educate and inspire the people of Montana. For a complete innovateUM schedule, visit http://www.umt.edu/big/innovateUM.php.

Innovate UM is part of “ix5,” a weeklong celebration of innovation and imagination at UM, in Montana and beyond. The week’s other events include the Mansfield Center’s global public health conference, “Innovation and Imagination in Global Health” on Tuesday; GradCon, formerly the Graduate Student Research Conference, on Thursday; and the UM Conference of Undergraduate Research (UMCUR) on Friday. All ix5 events, including innovateUM, are free and open to the public.

For more information on the conferences, visit http://www.umt.edu/sell/cps/ix5/.
Contact: Holly Truitt, UM Broader Impacts Group director, 406-243-4872, holly.truitt@umontana.edu.
MISSOULA – The University of Montana School of Journalism will welcome National Public Radio Special Correspondent Susan Stamberg as the 59th annual Dean Stone lecturer.

Stamberg’s lecture, “A Thousand Plus Hours of Talk,” will take place at 7 p.m. Thursday, April 21, in the University Center Ballroom. Her presentation is free and open to the public.

In addition to her public lecture, Stamberg will be guest of honor at the annual Dean Stone Awards and Scholarship Banquet held for journalism students at 5:30 p.m. Friday, April 22, at the Holiday Inn.

Stamberg is an accomplished broadcast journalist who has won numerous awards in broadcasting and become a member of the Broadcasting Hall of Fame and the Radio Hall of Fame. She has worked for NPR since its beginning in 1971 and also was the first woman to anchor a national nightly news program.

Having interviewed history’s headliners, from Rosa Parks to Luciano Pavarotti, Stamberg is known for her ability to find and tell an interesting story. Aside from serving as a guest host on NPR’s “Morning Edition” and “Weekend
Edition Saturday”, she has written two books and co-edited a third.

Each spring the UM School of Journalism honors its founder, Dean Arthur Stone, and current journalism students with a two-night celebration featuring a guest lecturer followed by an awards banquet. Thanks to many generous endowments and contributions from donors, the school is able to offer its students over $150,000 in scholarships and awards each year.

Founded in 1914, the School of Journalism is now in its second century of preparing students to think critically, to act ethically and to communicate effectively. The school recently was named one of the top 10 journalism programs in the country by the Radio Television Digital News Association.

To learn more about the School of Journalism, visit http://jour.umt.edu/. To read more about Stamberg, visit http://www.npr.org/people/2101242/susan-stamberg.

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**Contact:** Alyssa Rabil, UM School of Journalism media and information coordinator, 406-243-4366, alyssa.rabil@mso.umt.edu.
UM Student Named Newman Civic Fellow

April 08, 2016

MISSOULA – Mackenzie Lombardi, a communications and political science major at the University of Montana, recently was named a Newman Civic Fellow. She is one of 10 students across Montana to earn the honor.

Newman Civic Fellows are young leaders nominated by college and university presidents who are part of Campus Compact, a national coalition of more than 1,100 institutions committed to fulfilling the civic purposes of higher education to improve community life and to educate students for civic and social responsibility.

A Missoula native, Lombardi has set her sights on changing the nature of American political rhetoric. Using her communication skills, she has served as a student government campaign manager, interned with the Office of Montana Gov. Steve Bullock and served as an advocate with UM’s Student Advocacy Resource Center.

“We are all hyperaware of the fear-mongering and uneducated, offensive rhetoric that can dominate the political sphere,” Lombardi said. “This is not what public discourse should be. We are all better served when our politics is about speaking the truth well.

“The political rhetoric I intend to shape is one that meets people where they are ideologically and appeals to basic instincts for compassion, justice and tolerance. This is what draws me to political communication, and why I love
Lombardi has dedicated herself to public problem-solving and promoting equality. She holds herself to high standards of kindness and dedication when working with others and will set aside personal goals in pursuit of a common good.

“Whether knocking doors in a statewide campaign or drafting a strategy for a student body election, I find power and passion in helping those who would represent us solidify and polish their message,” she said. “At my core I believe that words matter, and through rhetoric I can shift the tone of American politics.”

The Newman Civic Fellows Award is sponsored by the KPMG and Newman’s Own foundations. Through service, research and advocacy, these Fellows make the most of their college experiences to better understand themselves, the root causes of social issues and effective mechanisms for creating lasting change.

For more information about Campus Compact, Montana Campus Compact or the award, visit http://compact.org/ or http://mtcompact.org/. A full list of the 2016 Newman Civic Fellows can be found at http://compact.org/resource-posts/2016-newman-civic-fellows-announced/.

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Contact: Josh Vanek, Montana Campus Compact associate director, 406-243-5175, vanek@mtcompact.org.
UM to Host Multistate Educators’ Career Fair

April 06, 2016

MISSOULA – The University of Montana will host school districts from a dozen states during its multistate Educators’ Career Fair on Sunday and Monday, April 17-18. The annual event enables teaching candidates, speech-language pathologists and school psychologists to network with regional, national and international school districts.

UM alumni and teacher candidates, as well as members of the general public, are invited to attend the fair to network with school administrators for student-teaching positions and to learn about school districts.

Teacher candidate registration begins at noon Sunday, April 17, in the Phyllis J. Washington Education Center. Teacher candidates may attend resume critique sessions until 4:30 p.m. and Montana school district information sessions and an ice cream social until 5 p.m. The Welcome and Strategy Session beginning at 5 p.m. will provide information regarding what to expect at the career fair, including a mock interview between a school administrator and a teacher candidate.

On Monday, April 18, school districts will participate in a traditional multistate career fair. Out-of-state school districts
UM to Host Multistate Educators’ Career Fair - UM News - University Of Montana

will host information sessions from 8 to 10 a.m. in the University Center. From 10 a.m. to 3 p.m., school districts will greet, network with and interview teacher candidates.

The fair costs $25, but registration fees are waived for UM teacher candidates and alumni.

School districts and teacher candidates can register, view a list of attending school districts and find a schedule of events online at http://www.umt.edu/career/CareerFairs/EducatorsCF/default.php.

For more information call the UM Office of Career Services at 406-243-2239.

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Contact: Janay Whisman, recruiting coordinator, UM Office of Career Services, 406-243-2239, janay.whisman@umontana.edu.
April 05, 2016

MISSOULA – Students in the Culinary Arts Program at Missoula College of the University of Montana will host their annual Capstone Dinner on Saturday, April 30, at Missoula College, located at 909 South Ave. The event, which is open to the public, will begin with a reception at 5 p.m. followed by dinner at 6 p.m.

This year, students pay homage to the food and wine of the Provencal region of France and have crafted a menu titled “Voilá: a Culinary Journey of Coastal Mediterranean France.”

The dinner will feature classic dishes such as fresh shucked oysters, terrines, canapes,
Missoula College Culinary Arts Students to Host Annual Capstone Dinner - UM News - University Of Montana

salade nicoise and roasted guineafowl with ratatouille. The dessert will be an interpretation of the classic napoleon. Each course will be paired with wine. Throughout the evening there will be live music by Doctor Doctor, and a live and a silent auction will be held.

Tables for eight guests currently are being sold for $1,000 and individual tickets cost $150. Proceeds will support the Missoula College Culinary Arts Program, the only American Culinary Federation accredited program in the state of Montana, and enables students to participate in competitions, exhibits, field trips, conferences and to fund the Capstone Dinner.

“The 2016 graduating Culinary Arts class is proud to showcase the talents and knowledge they have acquired during the past two years while honoring the traditions of the chefs before us,” said Missoula College Culinary Arts Director Chef Tom Campbell. "We look forward to presenting the Capstone Dinner to the public in an elegant and interactive atmosphere."

Students are seeking both monetary and silent auction donations. Interested donors or participants can call Susan Graham, Missoula College cashier, at 406-243-7870 or email susan.graham@mso.umt.edu.

For more information on the event, email student coordinator Jenna Foley at jenna.foley@umontana.edu.

For up-to-date event information and MC Culinary Arts Program news, visit its Facebook page at https://www.facebook.com/Missoula-College-Culinary-Arts-Program-127494970660547/?fref=ts.

Contact: Jenna Foley, Missoula College Culinary Arts student coordinator, jenna.foley@umontana.edu.
Missoula College Culinary Arts Students to Host Annual Capstone Dinner - UM News - University Of Montana
MISSOULA – A top executive of the nation's most prominent organization in protecting civil liberties will deliver the next installment of the 2015-16 President's Lecture Series at the University of Montana.

Anthony Romero, American Civil Liberties Union executive director, will present “Civil Liberties in America Today” at 8 p.m. Wednesday, April 13, in UM's Dennison Theatre.

In collaboration with the UM Philosophy Forum, Romero also will lead the seminar “A Conversation with Anthony Romero” from 3:10 to 4:30 p.m. in Gallagher Business Building Room 123. The lecture and seminar both are free and open to the public.

A graduate of Princeton University's Woodrow Wilson School of Public Policy and the Stanford University Law School, Romero had a distinguished career in public-interest activism before becoming the executive director of the ACLU one week before the 9/11 attacks.

Under his leadership, the ACLU opposed some of the U.S. government's key policies in the war on terror, including

Romero also led the ACLU in its unique legal challenge to the patents held by a private company on the human genes associated with breast and ovarian cancer; in its landmark lawsuit challenging Arizona’s anti-immigrant law that invites law enforcement to engage in racial profiling; in its high-profile litigation and lobbying efforts to win the freedom to marry for same-sex couples; in its nationwide campaign to end mass incarcerations, which aims to achieve a 50-percent reduction in the number of Americans behind bars; and in establishing the John Adams project, a joint effort with the National Association of Criminal Defense Lawyers to assist the under-resourced military defense lawyers in the Guantanamo military commissions.

The President’s Lecture Series at UM consists of eight talks throughout the academic year on vital topics by distinguished guest speakers. For more information on the series, visit http://umt.edu/president/events/lectures/ or call UM history Professor Richard Drake at 406-243-2981.

Contact: Richard Drake, UM history professor and lecture series organizer, 406-243-2981, richard.drake@umontana.edu.
UM Receives Prestigious Grant to Help Families Affected by Autism

April 05, 2016

MISSOULA – The University of Montana has received a $20,000, two-year grant from the Association of Maternal & Child Health Programs to increase parent-engaged developmental monitoring of autism.

The Developmental Monitoring within State Systems grant is one of 12 awarded by the Association of Maternal & Child Health Programs, which is funded by the Centers for Disease Control and Prevention. This grant will be used to bolster the development of the Montana Autism Center, its online presence and collaborative activities with community partners across the state through the promotion of the CDC program “Learn the Signs. Act Early.”

Ann Garfinkle, associate professor in the UM Department of Curriculum and Instruction, and Marty Blaire, executive director of the Rural Institute for Inclusive Communities, will lead the implementation of the grant.

“We were fortunate to be funded for our second round in this highly competitive process,” said Garfinkle. “We are excited about the work it will allow us to do statewide to further support the growth of the infrastructure for services and support for the identification and treatment of children with autism and related developmental disabilities.”
Organizations to be impacted by the grant include Head Start/Early Head Start, various health/medical care providers, children and family advocacy organizations and more. This award also will help propel innovative growth and services within the Montana Autism Center, which works to connect families, individuals, educators, researchers and many others.

“We are confident this funding will have an impact in our state and continue our connection to the important national campaign,” Garfinkle said.

Funded by the CDC’s National Center on Birth Defects and Developmental Disabilities, the LTSAE program provides educational information to parents, health care professionals and early care and educational providers about the importance of early identification and intervention for children at risk for developmental disabilities, such as autism.

To learn more about the LTSAE program, the Montana Autism Center or the Department of Curriculum and Instruction, email Garfinkle at ann.garfinkle@mso.umt.edu.

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**Contact:** Crissy Laubach-Young, outreach and fiscal specialist, UM Department of Curriculum and Instruction, 406-243-4217, crissy.laubach-young@mso.umt.edu.
UM Receives Prestigious Grant to Help Families Affected by Autism - UM News - University Of Montana
MISSOULA – An international team that includes University of Montana researcher Jesse Johnson has learned that the Earth’s internal heat enhances rapid ice flow and subglacial melting in Greenland.

Johnson, a UM computer science professor and ice-sheet modeler, helped discover that about half of the ice-covered area in north-central Greenland rests on a thawed bed and that the meltwater is routed to the ocean through a dense hydrological network beneath the ice.

The work was published in the April 2016 issue of Nature Geoscience.

“The strength of this paper is that many different lines of reasoning about data lead to the same conclusion,” Johnson said. “I was able to demonstrate that the ice velocities observed by satellite are nearly impossible to explain without the geothermal anomaly discovered here. Glaciologists have long suspected the anomaly exists, but this work quantifies its location and degree and explains why it is there.”

Johnson collaborated with a group led by Irina Rogozhina and Alexey Petrunin from the GFZ German Research...
Centre for Geosciences. The research has for the first time proved a strong coupling between the processes deep in the Earth’s interior with ice flow dynamics.

Deep under the Greenland Ice Sheet are regions of intense geothermal heat originating in the distant geological past. This heat causes Greenland’s ice to melt from below and flow rapidly. The new study identifies a west-to-east zone of northern Greenland having anomalously high heat.

Johnson said this anomaly explains observations from radar and ice core drilling data of widespread melting beneath the ice sheet and increased sliding at the base of the ice that drives the rapid ice flow over a distance of 750 kilometers from the summit area of the Greenland ice sheet to the North Atlantic Ocean.

The North Atlantic Ocean is an area of active plate tectonics. Between 35 million and 85 million years ago, tectonic processes moved Greenland over an area of abnormally hot mantle material now responsible for the volcanic activity of Iceland. The mantle material heated and thinned Greenland’s crust at depth, producing a strong geothermal anomaly that spans a quarter of the land area of Greenland.

“This ancient and sustained source of heat has created a region having warmer, softer ice and abundant subglacial meltwater, lubricating the base of the ice and making it flow rapidly,” Johnson said.

“The geothermal anomaly which resulted from the Icelandic mantle-plume tens of millions of years ago is an important motor for today’s hydrology under the ice sheet and for the high flow-rate of the ice,” Rogozhina said. “This in turn broadly influences the dynamic behavior of ice masses and must be included in studies of the future response to climate change.”

These secrets of Greenland’s past – hidden by an ice sheet as much as 3 kilometers deep – are now revealed by researchers using an innovative combination of computer models and satellite, airborne and in-situ data. The location and orientation of the zone of elevated geothermal heat flow corresponds to where Greenland moved over Iceland’s mantle plume and provides an independent test for models of the formation of the North Atlantic ocean, revitalizing a three-decades-long debate.

Johnson said the study demonstrates an unexpected link between the deep geothermal history of the Earth and ice sheet dynamics. It shows that the controls on ice sheet dynamics span a huge range of timescales, from the month-by-month changes of the ice cover to the multimillion-year epochs over which the Earth’s mantle and tectonic plates evolve.

Johnson is currently a Fulbright Scholar at the Namibian University of Science in Africa and Technology and will return to Missoula in January 2017.

Contact: Jesse Johnson, UM computer science professor, jesse.johnson@umontana.edu.

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UM Researcher: Geothermal Heat Contributes to Greenland Ice Melt - UM News - University Of Montana
MISSOULA – Montana Code School at the University of Montana is actively recruiting students for its next cohort, the third for Missoula and the inaugural cohort in Bozeman. The next cohort will run May 23 through Aug. 12.

Montana Code School aims to expand Montana’s pipeline of computer programming talent to address the acute and immediate need among the startups by training junior programmers for employment in the state’s booming tech sector.

The Montana Code School offers a 12-week, full-time, intensive full-stack boot camp featuring HTML, CSS and JavaScript, including React, Meteor and node.js. Coursework includes pair programming and agile methodologies. Montana Code School’s job placement rate for its inaugural cohort three months after graduation is 90 percent. Interested students can apply at the Montana Code School website at http://www.montanacodeschool.com.

Montana Code School also recently hired Kelly Nash, a graduate from Montana Code School’s inaugural cohort, as its first executive director. Nash brings her direct experience as a Montana Code School graduate to the position along with 13 years of experience as an educator at UM, as well as time spent in both elementary and middle
Montana Code School Graduates Start Promising Careers with Tech Companies - UM News - University Of Montana

“People want to stay in Montana and earn a livable wage,” Nash said. “Attending Montana Code School can be an on-ramp to a tech job with a good salary without the time commitment of a four-year degree. Startups, as well as established Montana technology companies like Cedar Mountain Software and Wisetail, also benefit from an increased local pipeline, which enables them to grow their businesses while continuing to locate in Montana. This is a win-win for all sides.

“It’s especially gratifying working with women, Native Americans and veterans, as they are populations traditionally under-represented in programming jobs,” she said.

One of Montana’s leading technology firms, Bozeman-based Wisetail, recently announced its plan to create more than 100 tech jobs in Montana with an average salary of $75,000.

“Montana Code School's innovative approach to training the next generation of tech sector talent is helping ensure home-grown talent is ready to take the good-paying jobs we are aiming to create,” said Justin Bigart, CEO of Wisetail and founder of Wisetail Works. “Early on, we saw the promise of Montana Code School and invested in their program through Wisetail Works. Today, we are proud to have hired Juniper Emnett, who was a graduate of Montana Code School’s first cohort. We congratulate Kelly Nash on taking the helm of this important organization and welcome the next cohort to Bozeman.”

In September 2015, Montana Code School received a $100,000 grant from Wisetail Works to support the school’s development of a virtual learning environment.

“Our experience with hiring a graduate of Montana Code School has been very positive,” said Bob Jaffe, owner of Cedar Mountain Software. “Hiring folks who need training has some risks. But a Montana Code School graduate has demonstrated their initiative, desire and capacity to learn quickly. Our programming work is in areas not directly covered by MTCS, but our new employee had no problem jumping right in and being productive from day one. We will definitely keep our eye on MTCS for our next hire.”

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Contact: Kelly Nash, executive director, Montana Code School, 406-948-2633, media@montanacodeschool.com.
April 01, 2016

MISSOULA – An expert on the environment and climate change will visit the University of Montana on Tuesday, April 12, as the Montana Institute on Ecosystems’ distinguished visiting lecturer.

William Schlesinger, president emeritus of the Cary Institute of Ecosystem Studies, will present “The Four Horsemen of the Apocalypse” at 7 p.m. in the University Center Theater. Doors will open at 6:30 p.m., and the lecture is free and open to the public.

Schlesinger, a graduate of Dartmouth College and Cornell University, has co-written more than 200 scientific papers on the link between environmental chemistry and global climate change. He wrote the widely adapted textbook “Biogeochemistry: An Analysis of Global Change,” and his recent work focuses on understanding how trees and soil influence atmospheric carbon dioxide levels.

His work has taken him to habitats ranging from Okefenokee Swamp to the Mojave Desert, and to Antarctica three times as a Duke Alumni tour guide. His research has been featured on NOVA, CNN, NPR and on the pages of Discover, National Geographic, The New York Times and Scientific American. Schlesinger has testified before U.S.
House and U.S. Senate committees on a variety of environmental issues, including preservation of desert habitats, global climate change and carbon sequestration.

The Montana IoE is the flagship program of the Montana National Science Foundation’s Experimental Program to Stimulate Competitive Research RII award. It is a first-of-its-kind experiment for Montana to build an accessible, statewide institute on ecosystem sciences that promotes inclusion to all institutions of higher education, state agencies, NGOs and private industries with interests in ecosystem sciences. Its role is to serve as a research and education portal on ecosystem sciences to the residents of Montana and the nation in general.

For more information on the program and the lecture, visit [http://montanaioe.org/events](http://montanaioe.org/events).

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**Contact:** Jacob Dyste, program manager, Experimental Program to Stimulate Competitive Research (EPSCoR), 406-243-5122, jacob.dyste@umconnect.umt.edu.
April 01, 2016

MISSOULA – Two alumni of the University of Montana’s Creative Writing Program will bring their poetry to UM at 7 p.m. Friday, April 15, in Payne Family Native American Center Room 105.

This month’s event will feature readings by UM alumni Sarah Gridley and Joshua Corey and is free and open to the public. It is sponsored by the Creative Writing Program at UM and the Programs of National Distinction.

Gridley, an associate professor of English at Case Western Reserve University in Cleveland, Ohio, teaches numerous poetry workshops, including courses on diverse topics such as feminism and ecology. She has written three books of poetry, “Weather Eye Open,” “Green is the Orator” and “Loom,” and received the Ohio Arts Council 2009 Individual Excellence Award and the Community Partnership for Arts and Culture 2010 Creative Workforce Fellowship.

Corey, an associate professor of English at Lake Forest College in Evanston, Illinois, focuses on failure, desire and pastoral themes in his sonnet-like poetry. He has written four poetry collections, most recently “The Barons,” and the novel “Beautiful Soul: An American Elegy.” He also has co-edited an anthology of nature poems, “The Arcadia...
Highly Acclaimed Creative Writing Alumni to Read Poetry at UM - UM News - University Of Montana

Project: North American Postmodern Pastoral,” and co-translated a book of prose poems, “Partisan of Things.” Corey received a Wallace Stegner Fellowship at Stanford University, served as a poet-in-residence at the University of Illinois and chaired the Print and Digital Publishing Program at Lake Forest College.

Each semester UM’s Creative Writing Program brings highly acclaimed writers, professors and lecturers to the University as part of its Visiting Writing Series.

For more information on the event, call Karin Schalm, Creative Writing Program coordinator at UM, at 406-243-5267, email creativewriting@mso.umt.edu or visit the program’s website at http://hs.umt.edu/creativewriting/default.php.

To read more about Gridley’s work, visit http://english.case.edu/faculty/sarah-gridley/. To sample some of Corey’s work, visit www.poetryfoundation.org/bio/joshua-corey.

Contact: Karin Schalm, UM Creative Writing Program coordinator, 406-243-5267, karin.schalm@mso.umt.edu.