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2. Visit Montana Audubon’s new web site and enter raffle for bird tour tickets.
3. Tag your favorite tree to show its value. October 18 – 24.

GOOD NEWS ITEM
1. It’s National Wildlife Refuge Week.
   A short drive south on Highway 93 and you can be at the Lee Metcalf National Wildlife Refuge, enjoying nature. For more information on this refuge, visit the Refuge website.

AROUND EVST
   Camas, the magazine of EVST, is accepting submissions for the Winter issue until Friday, October 16, at midnight. Camas Magazine cultivates a community of writers and artists dedicated to promoting ecological and cultural diversity and resilience in the American West. Fiction, nonfiction, poetry, photography, or visual art may be uploaded via Submittable. The Winter issue theme, Movement, is meant to be broadly interpreted and all submissions will be accepted.
   Deadline: Friday, October 16, at midnight.

2. EVST alums offer a free world premiere screening of their latest film. October 18.
   Two EVST alums, Doug Hawes-Davis and Dru Carr, started a local film company (High Plains Films) and a local film festival (Big Sky Documentary Film Festival). They recently completed a documentary about the removal of the Milltown Dam at the confluence of the Clark Fork and Blackfoot Rivers (Two Rivers). This film (and a few others) will be screened free at the Top Hat, to whet your appetite for the full film festival which will be in February. The details are as follows:
   TWO RIVERS by Doug Hawes-Davis, Dru Carr, 2015, USA, 46 minutes
   World Premiere Screening: The Top Hat Lounge, Sunday, October 18 @ 7:00 p.m.
   TWO RIVERS is a documentary about the Clark Fork and Blackfoot Rivers, which flow west from the rugged and wild country at the Continental Divide. These waters are also some of the most polluted in America. This paradox manifests itself at the rivers’ confluence in western Montana, at the boundary between wilderness and civilization. A place of stunning beauty, where decades of extractive industry comes up headlong against the Milltown Dam, which holds back tons of toxic sediment. For better or worse, the American West is changing with breakneck speed. Here, at the confluence of the two rivers, human society rushes forward. Where extractive industries once dominated, the landscapes new moniker is change. Now, the dam is slated for removal, a historic timber mill is closed down and dismantled, and a major housing development goes up in its place. This is the New West - a place where change is the rule and the future is anything but certain.
   WHEN: Sunday, October 18.
   WHERE: The Top Hat.
FEATURED EVENT (See www.umt.edu/conservationcalendar for more)
1. It’s time for the Fall Harvest Festival at the PEAS Farm! October 17.
   Celebrate one of the most savory times of the year. We’ll keep your family busy with activities like SpectrUM Stomp Rockets, face painting, pumpkin carving, cider press demonstrations and tastings, live music and more. Flat rate admission is $5 at the gate. Pumpkins range from $5 - $8. Sponsors include SpectrUM, Missoula Pediatric Dentistry, El Diablo, and Big Dipper.
   WHEN: Saturday, October 17, from 2 – 5 p.m.
   WHERE: The PEAS Farm, 3010 Duncan Drive, Missoula.

VOLUNTEER OPPORTUNITIES
1. Grad students sought for mentorship opportunity. Register asap.
   Registration is now open for the second year of the Rapid-Fire Symposium, an event which connects undergrads interested in research and creative scholarship experience with grad student mentors. The symposium follows a speed-dating format in order to best display the diversity of research and creative scholarship UM grad students have to offer and allow for one-on-one Q & A. Following the symposium, undergrads receive grad contact information to continue the relationship.
   Grad students from all disciplines are invited to participate in the symposium. Please register online, as soon as possible.
   WHEN: Thursday, November 12, from Noon to 1:30 p.m.
   WHERE: UC 326.

   Jordan Hess (ASUM Transportation) and Eva Rocke (UM Sustainability Coordinator) are leading a parking occupancy survey that will provide helpful data to UM’s integrated transportation management. An understanding of our current parking situation will lead to informed decisions and a better campus commuting experience for everyone.
   Students are encouraged to help with the survey and can sign up for a volunteer shift online. The shifts are an hour long and are 10 -11 a.m., noon – 1 p.m., and 2 – 3 p.m. All shifts begin and end at the ASUM Transportation office in the UC and we’ll give you instructions just prior to your shift. For more information, email Eva Rocke or call (406) 243-4323.
   WHEN: Tuesday, October 13, through Thursday, October 15, various times (see above).
   WHERE: Begin at ASUM Transportation Office, UC.

   Meet at the courthouse to hear a short talk on the scientific connection between climate change and increased wildfire activity in the northern Rockies and about the health impacts of increased exposure to wildfire smoke. Rally participants will then don dust masks and march to the offices of Senator Tester and Senator Daines to hear their thoughts on the Clean Power Plan and the need to cut carbon pollution. Sponsors of this event include the Sierra Club, Montana Environmental Information Center, National Wildlife Federation, and Montana Conservation Voters Education Fund. For more information, email David at the Sierra Club or call (406) 549-1142.
   When: Wednesday, October 14, at 12 Noon.
Where: Missoula County Courthouse, front steps.

4. **UM Recycling Committee seeks more student members. Meetings October 19, November 16.**
The UM Recycling Committee oversees the UM Recycling program, which is largely funded by student fees. The committee is half students and half staff, who work with the recycling program in some way. Currently, the committee is recruiting more students. The committee meets 2 or 3 times per semester for short, focused meetings. The meetings this semester are October 19 and November 16 (Mondays) from 10:30 a.m. to noon in UC 222.
If you are interested in serving as a student member, please email Co-chair Vicki Watson.

5. **Get involved in keeping Missoula magnificent.**
Open Lands Citizen Advisory Committee (OLC) meetings convene the third Thursday of every month at 6:00 p.m. in the CAPS conference room at 323 W. Alder. All meetings are open to the public.
Missoula County Parks and Trails Advisory Board meets the second Thursday of every month at 1:30 p.m. in the CAPS conference room at 323 W. Alder.
Missoula Consolidated Planning Board meets on the first and third Tuesday every month at 7:00 p.m. in Missoula City Council Chambers, 140 West Pine. All meetings are open to the public and televised on MCAT.

**EDUCATIONAL OPPORTUNITIES**

1. **Whistling wings & chirping tails: birds’ non-vocal songs, October 12.**
The Five Valleys Audubon meeting on Monday, October 12, will feature bird sounds used for communications, specifically birds’ non-vocal songs. Join Audubon member and PhD student Bob Niese to learn more about the exciting, emerging field of avian sonations.
*WHEN:* Monday, October 12, at 7:30 p.m.
*WHERE:* Gallagher Business Building, Room L14.

2. **Saw-Whet Owl Migration Night, October 14.**
Join the Owl Research Institute for an on-site lecture and discussion on migrating Northern Saw-whet Owls at the Maclay Flats parking lot located on Blue Mountain Road west of Missoula. On Wednesday, October 14, from dark until midnight, Denver Holt will talk about Northern Saw-whet Owls in the parking lot while owls are being banded, measured, weighed, and released.
The Owl Research Institute located in the Mission Valley is currently trapping and banding migrating Northern Saw-whet Owls during the night at Maclay Flats as part of a long-term study. The event is free and open to the public.
Bring warm clothing, flashlights, and lawn chairs. Please remain in the parking lot so the trapping operation is not disturbed. For more information, email the Owl Research Institute.
*WHEN:* Wednesday, October 14, from dark until midnight.
*WHERE:* Maclay Flats parking lot, off Blue Mountain Road, west of Missoula.

3. **Real Food 101. October 15.**
Join national and campus leaders of the Real Food Challenge, the student-led movement to serve local, ecologically sound, humane, and fair food on university campuses. Learn what Real Food is, how UM is doing in their commitment to Real Food, and how you can get involved!
WHEN: Thursday, October 15, at 7 p.m.
WHERE: UC 330.

4. **New course for Spring! Issues in the Anthropocene (PHL 505). Registration begins October 19.**
   This course dips into one of the most vigorous areas in contemporary environmental philosophy, one that questions the whole distinction between nature and culture. We will examine several dimensions of the Anthropocene focusing on the technologies and the thinking that are most propelling the current discussion. Topics to be covered include wilderness and rewilding, climate engineering, de-extinction, and synthetic biology. Are you ready for the “post-wild”? The course is schedules for Tuesday/Thursday, 3:40 – 5 p.m. for Spring 2016. For more details, please email Professor Christopher Preston.

5. **Greenhouse and High Tunnel Management Workshop. October 28. (RSVP by October 23.)**
   This workshop covers the use of high tunnels and greenhouses for diversified vegetable farms and gardens. Other presentation topics include: crop rotations for soil fertility and season extension; integrated pest management of insects and diseases; and NRCS cost share programs to assist agricultural producers. This workshop is free.
   Where: Western Ag Research Center, 580 Quast Lane, Corvallis, MT
   When: Wednesday, October 28, 1:00 to 5:00 p.m.
   RSVP required by October 23. Please call (406) 375-6611.

6. **UM FLAT seeks new resident. Apply by October 26.**
   The UM FLAT is seeking one new resident starting next semester, Spring 2016. Email co-directors Tess Scanlon and/or Chris Reed for the application or if you have questions. Applications are due Monday, October 26.

7. **Water Quality Modeling Webinar (Nutrient Modeling). October 27. Registration required.**
   EPA’s Water Quality Modeling Workgroup announces its sixth webinar on water quality modeling. All webinars focus on helping water quality professionals better understand modeling and how models can be used to solve the problems facing water quality regulators. There will also be a discussion of modeling nutrients in the aquatic environment. The webinar will focus on case studies and potential nutrient endpoints that can be used in rivers, lakes/reservoirs, and estuaries. The potential models and modeling approaches will be presented for each water body type. The first five webinars are archived online (http://water.epa.gov/lawsregs/lawsguidance/cwa/tmdl/techsupp.cfm#workgroup). Online registration is required.
   WHEN: Tuesday, October 27, at 11 a.m. Mountain Time.
   WHERE: Online (information provided in registration).
   NOTE: Online registration is required.

8. **National Wilderness Workshop at UM. October 28 – 31.**
   Visit www.wildernessalliance.org for more information and to register for the conference. Email Claire at Wilderness Alliance with questions. Cost is $125 but is FREE to UM students with a valid GrizCard!

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JOBS (mainly local or summer jobs; for full time jobs around the US, subscribe to the envirojobs list serv by emailing vicki.watson@umontana.edu)

1. Holiday jobs with the postal service. Apply now.
The US Post office is currently accepting applications for temporary jobs during their busy holiday season. (Outstanding performers may get hired beyond the holiday season.) Applicants need to be: available to work afternoon or evening shifts from mid-November through mid-January; able to work up to 6 days a week; 18 years old or older; US citizen or permanent resident alien; pass a drug screen and background check. Pay is $11 to $15.63/hr. How to apply: Go to USPS employment web page; click on ‘Search open jobs’; type in name of desired city in ‘keywords’ and click ‘start’. Follow prompts.

2. EPI seeks full time Yellowstone Program Assistant. Open until filled.
Ecology Project International (EPI) seeks a Yellowstone program assistant, who would be responsible for coordinating and oversight approximately twenty courses and two Bitterroot Wildlife Internship sessions. This is a full time position based in Missoula, Montana. View the full job description online. You may also begin the application process online.

FUNDING SOURCES

1. Ford Foundation Diversity Pre-doctoral Fellowship informational meeting. October 12.
The Ford Foundation Diversity Pre-doctoral Fellowship provides students with $24,000 living stipend per year for three years. It’s a great opportunity. Professor Kathryn Shanley will be talking about the eligibility criteria for applying for a Ford fellowship. She will work with you extensively to help you get your proposal together, but the best thing is to start early. WHEN: Monday, October 12, at 3:10 p.m. WHERE: Payne Family Native American Center, Room 105.

2. Missoula Parks accepts matching grant applications for improvement projects. Due October 19.
Do you have an idea for a needed addition to a Missoula County Park or trail? Missoula County Parks and Trails offers matching grants for community organizations that want to improve public park land outside of Missoula city limits. After the project is completed, organizations are reimbursed half the cost of the project, up to the award amount. Find the grant application online. For more information, contact John Stegmaier at (406) 258-3458.

RESOURCES

The Used Outdoor Gear Sale put on by the Outdoor Program will take place from noon to 5 p.m. Wednesday, October 14, in the University Center Atrium. Anyone in the Missoula community can buy or sell used outdoor equipment, including bikes, boating equipment, skis, snowboards, backpacks, camping gear, clothing and more. Those interested in selling gear can drop off their items between 7 and 11 a.m. the day of the sale in the UC Atrium. The UM Outdoor Program will collect 20 percent of the selling price, and proceeds benefit the UM Outdoor Program for new programs and equipment. WHEN: Wednesday, October 14, from noon to 5 p.m.
WHERE: UC Atrium.

2. GPSA informational meeting and social. October 14.
The Graduate and Professional Student Association will hold an informational meeting, followed by a reception and social for all graduate and professional students. Refreshments will be provided.
At the meeting, you will meet your GPSA executives, find out how to get involved with GPSA, learn about recent developments regarding travel grants and professional development opportunities, and be a part of the conversation about the future of GPSA at UM. Following the meeting, you will have a chance to meet and network with graduate and professional students from programs all across campus. The meeting portion should last 30 minutes. Feel free to attend all or part of the meeting. If you plan to attend, RSVP via email.
WHEN: Wednesday, October 14, at 4 p.m.
WHERE: Payne Family Native American Center atrium.

3. How to stop junk mail.
100 billion pieces of junk mail are mailed to U.S. households every year and the majority end up in the trash without ever being opened. The Story of Stuff Project wants to help stop waste at its source, whether that’s bottled water, plastic microbeads, or unwanted catalogs, so they acquired Catalog Choice, a free online service that helps members reduce junk mail. Over the last eight years, Catalog Choice has helped nearly 2 million people reduce unwanted mail, eliminate clutter, and simplify their lives. And member opt-outs have helped save nearly 1 million trees! Go to the Catalog Choice website to find out more.

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MISCELLANEOUS ITEMS AND OTHER FUN EVENTS

1. Help make Love Song to the Earth go multi-platinum.
Last week, a new song was released that could be a game-changer, says Friends of the Earth. Love Song to the Earth brings together some of the biggest names in music, including Paul McCartney, Jon Bon Jovi, Sheryl Crow, Fergie, Colbie Caillat and Natasha Bedingfield.
Listen to the song and watch the video online.
This song is more than just a feel-good anthem. It’s a powerful force calling for action on climate. Every time this song is downloaded, streamed, or shared, Friends of the Earth earns 80% of the royalties, which we will use to fight for lower carbon emissions.
This December, world leaders come together in Paris for the next round of international climate negotiations. The whole world will be watching to see what action is taken on climate change, especially by the US.

2. Visit Montana Audubon’s new web site and enter raffle for bird tour tickets.
Montana Audubon has a new web site that is easy to use and very interactive. When you visit the site, it gives you the chance to enter a raffle to win two spots on MT Audubon’s Centennial Valley bird tour, set for May, 2016. The raffle drawing will be on November 20, 2015.

3. Tag your favorite tree to show its value. October 18 – 24.
You can join the Urban Tree Benefit Tag Campaign in October during a joint celebration of National NeighborWoods Month and Montana Forest Products Week from October 18 -
24. Montana towns will hang tree tags to highlight the value of our trees. Use Tree Benefit Calculator to calculate your trees’ values and download the template to create your tags. Join UM in making this an annual event. Be sure to make your tags out of biodegradable material. For more information, email the DNRC Forest Products and Biomass Program or call (406) 542-4280.

This Newsline prepared by Vicki Watson and Theresa Duncan. Please send any comments here.