Questions, comments, item to add? EMAIL us!

Newline Extras will be sent to you if there are time-sensitive, urgent items we think you won’t want to miss.

Check the Conservation Calendar to see more events coming up in the future.

And check the websites/Facebook pages of your favorite organizations & let us know about events of interest.

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**Jobs** (mainly local or summer jobs; for full time jobs around the US, see the envirojobs list serv)
1. Job registering voters.
2. Workstudy job with UM Wilderness Institute, apply now.

**Funding**
1. Funding for farm to school, sustainability, smart growth, green infrastructure, school gardens, etc.
2. Funding for research in Scandinavia.

**Miscellaneous**
1. Public Planetarium Show - Sep 30 @ 6:30 pm & 8:00 pm Payne Family Native American Center Room 13.
2. Sept 26 is World Contraception Day.
3. UM Arboretum celebrates new Interpretive Space, Sept 30.

GOOD NEWS ITEM
1. California Seed Sharing bill signed into law.
   It’s the latest victory in a global movement to support and protect seed sharing and saving. The bill exempts non-commercial seed sharing activities from industrial labeling, testing, and permitting requirements. Find the link to the article at http://www.shareable.net/blog/california-seed-sharing-bill-signed-into-law

**AROUND EVST**
1. EVST alum and Internet Phenomenon Hank Green explains How (& Why) to Vote.
   Make sure you get to vote. Hank has all the info on getting registered, etc. in every state Anywhere in the US: https://www.youtube.com/watch?v=8spm2Qh60U4
   In Montana: https://www.youtube.com/watch?v=NLAUFj-4zXY
   Be sure to check on when you must be registered.

2. Info Session on the Winter Session Course on Sustainable Ag in Thailand, Sept 27.
   Explore Thailand through small-scale agriculture in this hands-on, experiential winter session course. Learn more at the info session this Tuesday!
   When: Tuesday, September 27, 7-8 pm  
   Where: JRH 2-5
   Questions? Contact Kali Orton (kali.orton@umontana.edu) or Josh Slotnick (joshua.slotnick@mso.umt.edu)

3. EVST alum Pedro Marques works to restore a damaged Montana mountain.
   EVST alum Pedro Marques is the Restoration Programs Manager for the Big Hole Watershed Committee. He has taken on the tough job of repairing a mountain damaged by a century of mining, smelting and overharvesting. See the story here: http://mtstandard.com/natural-resources/first-aid-for-the-big-hole-major-restoration-work-targets/article_ac625b86-3269-5a73-a8dc-8b4d99267af0.html
4. **EVST Newsline has a new Student Editor**, Laura Zanolli. She has just entered the Environmental Studies Program and will be working with Vicki Watson to get the news out each week. Notices and articles for Newsline may be sent directly to Laura at mailto:laura.zanolli@mso.umt.edu

**FEATURED EVENT**

1. **4 Horsemen of the Apocalypse--Need for a Steady State Economy, Sept 27.**
   
   William Schlesinger, Cary Institute on Ecosystems, speaks on the impact of human population growth and economic growth on biodiversity & the biosphere. Dr. Schlesinger will be sharing experiences from 30 years of work. He will explain how human population growth and its demands for resources, affects both the biosphere and biodiversity and why a sustainable relationship with our environment requires establishing a steady-state economy as soon as possible. Dr. Schlesinger is the President Emeritus of the Cary Institute on Ecosystem Studies, former Dean of the Nicholas School for the Environment at Duke University, a Duke Professor of Biogeochemistry, and the author of over 200 scientific papers.
   
   **WHEN:** Sept 27 at 7pm       **WHERE:** UM’s University Center Theater. Free.

**VOLUNTEER OPPORTUNITIES**

1. **Help monitor the Fall Raptor Migration in the Bitterroot, Sept 27 & 29.**
   
   MPG Ranch in the Bitterroot Valley invites UM students to help with this annual monitoring event. Bring binoculars & dress for the weather. WHEN: Sept 27 and 29, from 10am to 3pm. To secure a place on the team and get directions, contact Joshua at jlisbon@mpgranch.com or 406-396-6285.

2. **Brooks Street Corridor Survey, participate by Sept 30.**
   
   Your input is needed! The City of Missoula, Missoula Midtown Association and others are coordinating a re-visioning process for the Brooks Street Corridor. Learn more about the project [here](#) and [here](#), then [take the brief survey](#) (available only through September 30), and share widely! Together, we can advocate for climate smart development as Missoula grows.

3. **Comment on cleanup plan for phosphate plant near Butte, public meeting 9/27, comments due 10/27.**
   
   The Solvay elemental phosphorus processing plant near Butte closed some years ago, and the EPA now has a plan to clean up this hazardous site. There will be a public meeting on the plan on Sept 27 at 6pm in the Ramsey public school in Ramsey MT. Written comments are due by Oct 27. Information on the plan and on how to submit comments can be viewed in the [ATTACHED documents](#).

4. **Rally in support of renewable energy in Butte, Oct 10.**
   
   350 Missoula hopes to convince Northwestern Energy to stop opposing development of renewable energy and to embrace a green energy future. The rally starts at 11 a.m. in Emma Park with some music. Then there's a march uptown to NorthWestern Energy's new headquarters, where local energy activists will describe what a clean energy future would look like. For more information, contact [350 Missoula](#).
5. **Write Field Notes and Species Descriptions for the UM Arboretum Committee.**
   The UM campus is home to the State of Montana Arboretum (so designated by the Legislature in 1991). The UM Arboretum Committee plans to launch an arboretum website as part of 25th Anniversary activities. An important part of that website is a species page or field note for each North American tree species on campus. The Arboretum Committee invites students to help with this web page in these ways:

   A) Write a Field Note on a Montana native tree or woody plant. Field Notes are played on Montana Public Radio. Here is an example: [http://mtpr.org/post/mountain-ash-feeding-birds-and-brightening-winter#stream/0](http://mtpr.org/post/mountain-ash-feeding-birds-and-brightening-winter#stream/0). Field notes will be linked to the Arboretum website in text and audio.

   B) Research and develop a Species Page for a Montana native tree/woody plant. A template will be provided.

   If interested in either of the above, contact Kelly Chadwick at: kchadwick@mso.umt.edu for more information. You can do this as a volunteer, intern, or independent study with an interested professor.

**EDUCATIONAL OPPORTUNITIES**

1. **2 Talks on Flathead Lake/River/Watershed, Sept 29.**
   Tom Bansak of UM’s Biological Station on Flathead Lake gives 2 talks at UM:
   a) Flathead Watershed Ecology & Water Quality (9:30-11am in 205 Rankin)
   b) Shrimp, Salmon, Trout & Mussels: Invasive Seafood Chowder in Flathead Lake (12:30-2 in 204 Rankin Hall).
   Free & open to the public.

2. **Politics of Water Measurement in the Yellowstone, Oct 4.**
   Professor Jamie McEvoy of MSU will speak on the Politics of Water Measurement in the Yellowstone.
   WHEN: Oct 4 from 3:40 to 5:30pm
   WHERE: UM’s Stone Hall 217
   Open to all.

3. **River Restoration Course, Oct 20-21 in Big Sky.**
   Montana Water Center & the Gallatin River Task Force offer this free workshop on river restoration techniques. This is a hands-on, two-day classroom and field course. We will examine the science and application of dynamic river restoration concepts and techniques with an emphasis on willow identification, harvest, and storage. We will address the use of willow lifts in restoration and bank stabilization projects. WHEN: October 20-21, WHERE: Big Sky, MT. Info: mcginnis@umontana.edu or 406-994-6425. Registration and course details at [River Restoration Course](#).

4. **Great Bear Field Courses, Oct 23-Nov 7.**
Always wanted to see polar bears in the wild, but think it’s too expensive? Are you worried about the impact your visit might have on the polar bears? The Great Bear Foundation offers the most ethical, low-impact, and lowest cost polar bear field courses available. Check out the multiple options. 2016 courses are Oct 23-31 and Oct 30-Nov 7, and 2017 course is in Aug 2017. 100% of the proceeds from our field courses directly fund bear conservation projects.

5. 2016 Governor’s Food and Agriculture Summit, Oct 28-29 in MSU-Bozeman.
The Summit will provide an opportunity for Montanans who care about the state's food economy to come together, share information, and strategize about the next 10 years of work in the state. The Food Summit has registration info, and contains descriptions of the five topical tracks that form the basis for the Summit. Attendees will choose one topic and remain with it during the event to identify challenges and brainstorm ways to address them. The tracks will be a mix of panel presentations and small group discussions. All of the tracks will report their top recommendations at the Summit’s conclusion.

6. Study abroad program focused on sustainable development. Note that EVST faculty have no direct experience with this program, so be sure to check it out for yourself.
The GREEN program is short-term, experiential study abroad program focused on issues in sustainable development. See more at http://thegreenprogram.com/programs. Upcoming classes in Peru and Iceland on renewable energy and water management.

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. Job registering voters.
   MontPIRG is hiring two GOTV Organizers to support non-partisan work to get students registered and ready to vote over the next 49 days. See job description in this document.

2. Workstudy job with UM Wilderness Institute.
   Fall Work Study Position Available: Wilderness Institute is seeking and office manager, 15 hours a week. Please contact Rachel James: rachel.james@umontana.edu for more information.

FUNDING

1. Funding for farm to school, sustainability, smart growth, green infrastructure, school gardens, etc.
   A. Farm to School Grant for FY2017, USDA
   Details at http://www.fns.usda.gov/fy17-farm-school-grant
   Applications close December 08, 2016
   USDA will host an info webinar at 11:00 am MST. Click here to register. Contact farmtoschool@fns.usda.gov with questions.

B. Building Blocks for Sustainable Communities technical assistance, EPA
Details at https://www.epa.gov/smartgrowth/building-blocks-sustainable-communities-2016-2017-request-letters-interest
Applications close October 12, 2016
EPA invites communities to apply for technical assistance to help overcome barriers to implementing smart growth.

**Eligibility:** The applicant can be a local or tribal government, or a nonprofit partner.

**Timeframe:** EPA expects to select 25 recipients by November 2017 and provide all technical assistance by July 2017.

**C. Free technical assistance, Smart Growth America**
Details at http://www.smartgrowthamerica.org/technical-assistance/free-annual-workshops/apply
Applications due by October 5, 2016.
SGA’s staff will work with communities to develop goals, development strategies & recommendations for next steps.

**D. Grants for K-12 Schools, The Nature Conservancy**
Details at https://www.natureworkseverywhere.org/grants/
Applications due by October 31, 2016.
"Support green infrastructure to address local environmental challenges. A $2,000 grant will be awarded to 55 schools."

**E. US School Gardens Grant, Whole Kids Foundation**
Details at https://www.wholekidsfoundation.org/index.php/schools/programs/school-garden-grant-program
Applications due by October 31, 2016.
$2,000 grant to support an edible educational garden on the grounds of a K-12 school. Schools, or nonprofit partner may apply.

2. **Funding for research in Scandinavia.**
Scandinavia is a good place to study sustainable development or impacts of climate change on the Arctic. The American-Scandinavia Foundation (ASF) seeks applicants for funded research opportunities in Scandinavia for the 2017-2018 academic year. The ASF will offer around $300,000 to outstanding American students, scholars, professionals and artists for study and/or research in Denmark, Finland, Iceland, Norway or Sweden. Fellowships of up to $23,000 are intended to support an academic year-long stay, and priority is given to students at the graduate level who need to spend time at foreign academic or research institutions. Grants of up to $5,000 are considered more suitable for shorter research visits. Funding is available to candidates in all fields.

ASF also provides fellowships totaling $50,000 to outstanding American students, researchers, artists for projects relating to the Arctic and pursued at University of the Arctic member institutions. The purpose of these fellowships is to increase knowledge about the Arctic and issues relating to the Circumpolar North.
For more information or to apply, go to: http://www.amscan.org/
Application deadline: 1 November 2016.
For questions, please contact: Carl Fritscher - carl@amscan.org

3. Research funding: Matthew Hansen Endowment 2016, apply by Oct 31
The Matthew Hansen Endowment was established in 1984 as a memorial to Matthew Hansen and his ideals. The Endowment grants awards for historical research, creative writing, and wilderness studies projects that explore Montana’s land and people. We hope, as Matthew did, that projects awarded from this endowment will encourage mindful stewardship of the land, both wild and cultivated, and contribute to the preservation of Montana’s cultural heritage. The Endowment encourages proposals from anyone interested in furthering this goal. Awards usually range from $400 - $1,000. Submission Guidelines, Review & Selection Process are available here. Proposals must be postmarked by October 31st. For more information, please call 406.243.5361 or wi@cfc.umt.edu

MISCELLANEOUS

1. Public Planetarium Show - Sep 30 @ 6:30 pm & 8:00 pm Payne Family Native American Center Room 13.
A UM Department of Physics and Astronomy faculty member will lead a tour of the current night skies of Missoula, pointing out noteworthy objects, constellations, planets or upcoming events visible in the night sky. The show will then shift to an engaging topic chosen by that evening’s presenter. Topics range from unique night-sky phenomena, our solar system and its exploration, extrasolar planets within the Milky Way, stellar groupings in our galaxy or large-scale patterns of the universe as a whole. Admission is open to all, but tickets must be purchased in advance through Eventbrite. Shows often sell out in advance.
Fall planetarium shows will take place at 6:30 and 8 p.m.

2. Sept 26 is World Contraception Day.
Today is World Contraception Day, a day when the global community will focus on the need for vital reproductive health services around the world.

3. UM Arboretum celebrates new Interpretive Space, Sept 30.
Join in the opening of the new State of Montana Arboretum Interpretive Space in the area north of Main Hall and west of the University Center. The Arboretum Committee and a group of community volunteers and donors have worked for over a year to design and build this first step in introducing interpretative signage for the North American trees found in the State of Montana Arboretum.
WHEN: Sept 30, 10 am to 10:30 am WHERE: east end of the oval, just north of Main Hall.

This Newsline prepared by Vicki Watson and Laura Zanolli. Please send any comments here.