Happy Thanksgiving All!
Hope it’s filled with lots of fun, laughs, delicious food, and whatever else you may desire.

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1. Fresh Montana produce at the Buttercup – Nov. 25
2. Spend First Friday with MPG ranch – Dec. 5

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**GOOD NEWS ITEM**
1. World Bank will focus on clean energy and avoid coal projects
   The World Bank will invest heavily in clean energy and only fund coal projects in “circumstances of extreme need” because climate change will undermine efforts to eliminate extreme poverty, says its president Jim Yong Kim.
   More info at:
   - The Grist
   - The Guardian

**AROUND EVST**
1. Study in Central America this Summer! – info meetings held Dec. 2 & 3
   Travel to Nicaragua this summer to explore this fascinating and beautiful Central American country. We’ll examine issues of human rights, sustainable development and the environment by engaging directly with the Nicaraguan people. We’ll live in a cloud forest reserve with families growing coffee, travel by boat along the San Juan River to the rain forest, explore the Solentiname Islands in Lake Nicaragua, and visit the active Masaya Volcano. Earn 3 credits!

   EVST professor Dan Spencer will be offering a 2-week Honors Travel Seminar to Nicaragua, May 25-June 18, 2015. You do not need to know Spanish to participate. Come to one of the following Informational Meetings to learn more about this unique travel-study opportunity
Tuesday, December 2nd, 6:00 p.m., DHC 120 or Wednesday, December 3rd, 5:00 p.m., DHC 120, or contact Prof. Spencer at daniel.spencer@umontana.edu or 243-6111. Open to all majors, from first year students to seniors, and graduate students.

2. **Panel on Divestment – Dec. 4**
   A group of EVST grad students are planning this event featuring a diverse set of panelists with expertise on issues of divestment at the University of Montana, followed by a moderated Q&A and discussion. Open to public. Please join the dialogue on divestment, or just come to listen and learn.
   **When:** Thursday, December 4, from 5:00-6:30pm  
   **Where:** Gallagher Business Building, rm 122

3. **EVSTer reports on climate change & sustainability research at conference**
   EVST major Kara Colovich recently attended an AASHE conference (Association for the Advancement of Sustainability in Higher Education) in Portland, OR and has some insights into recent research on climate change and sustainability. The organization ecoAmerica has some interesting research on how various American groups relate to climate change including racial and ethnic groups as well as an analysis of the psychographic and demographic, and also some studies on communicating about climate change. Looking at their partnering organizations, Kara indicates there are some ‘unique’ sponsors but also some highly respected ones. See [http://ecoamerica.org/research/](http://ecoamerica.org/research/), scroll on down to Communicating on Climate: 13 Steps & Guiding Principles -- and download this short handy guide.

4. **Another essay publication from an EVSTer**

5. **EVST alum moving from head of state agency to Governor’s Office**
   Tracy Stone-Manning (EVST MS 1992) has been tapped by Governor Steve Bullock to replace his chief of staff who is leaving for another job. “Tracy has a brilliant mind, and I have been extremely impressed with her ability to work with varying and diverse interests,” the governor said. “She is a capable administrator, a trusted adviser and a friend.”
   Stone-Manning, 49, has been serving as the head of MT Department of Environmental Quality in Bullock’s administration. Previously, she worked as acting state director for U.S. Sen. Jon Tester, D-Mont., and executive director of the Clark Fork Coalition, a conservation group based in Missoula. [http://mtpr.org/post/gov-names-tracy-stone-manning-chief-staff](http://mtpr.org/post/gov-names-tracy-stone-manning-chief-staff)

6. **EVST Braggin’ Rights**
   In addition to all of the awesome EVST news above:
   Since 2007, EVST students have won the following scholarships:
   - 12 Udall Scholarships
   - 5 Udall Honorable Mentions
   - 3 Truman Scholarships
   - And a Partridge in a...... no, that’s not right.
Anyway, this is by far the largest number of national scholarships from any program at UM. UM continues to have more Udall Scholars than any school in the nation — largely on the strength of EVST students. Mara Menahan also is a finalist for the Marshall and the Rhodes this year — she recently interviewed for the Marshall and interviews for the Rhodes this weekend.

**Good Luck, Mara!**

And a BIG THANKS to Professor Dan Spencer for the tremendous effort he puts into helping students apply.

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**FEATURED EVENT** *(See www.umt.edu/conservationcalendar for more)*

1. **Small business Saturday – Nov. 29**
   Avoid the crowds of Black Friday and support small Missoula businesses on Small Business Saturday. After you buy local on Small Business Saturday, join the Sustainable Business Council on the Hip Strip to get your gifts wrapped furoshiki-style! There will be warm cider and treats available as we WOW you with our eco-friendly gift wrap for a donation of your choice. Consider volunteering to help the SBC man the hut!

   Look for the Sustainable Business Council’s Buy Local Gift Guide in the Nov. 26 Missoula Independent, or pick up one at any of the following events:
   
   - **Small Business Saturday, Nov. 29** -- 509 S Higgins, Hip Strip
   - **First Friday, Dec. 5** -- The Green Light, 301 N Higgins Ave
   - **Parade of Lights, Dec. 6** -- Liquid Planet, 223 N Higgins Ave
   - **Missoula Winter Market, Dec. 13** -- 800 S. 3rd St. W
   - **Missoula MADE Fair, Dec. 14** -- The Adams Center, University of Montana

   And don’t forget about Giving Tuesday, a movement to create a national day of giving the Tuesday after Thanksgiving as a counterpoint to Black Friday and Cyber Monday. Check if your favorite nonprofit is participating in Giving Tuesday and join the trend of building community, celebrating generosity, and promoting philanthropy.

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**VOLUNTEER OPPORTUNITIES**

1. **Volunteer with the Sustainable Business Council this Saturday – Nov. 29**
   The Sustainable Business Council is looking for volunteers to help out on Small Business Saturday, November 29, at the "Warming Hut" on the Hip Strip, 509 S Higgins (formerly Selvedge Studio). The "Warming Hut" is put on by the MDA and hosted by a different nonprofit every Saturday from November 29-December 20, with cider, treats, and a unique gift wrapping station. On the 29th, the Sustainable Business Council will be doing furoshiki-style gift wrapping by using reusable cloths and fabrics. We are looking for help from 11am-5pm in whatever time shifts work best for you. Come join the fun! To learn more and sign up, call 721-3000 ext. 1119 or email info@SustainableBusinessCouncil.org
2. **Help develop subdivision standards that protect farmland – Dec. 2**
Missoula County Community and Planning Services (CAPS) has partnered with the National Coalition Building Institute (NCBI) to take the topic of agricultural land development standards through their Controversial Issues Process. Missoula County, with assistance from NCBI, is looking to collaborate on development of subdivision standards for agricultural lands. The hope is to develop common ground among land owners, interest groups and the community on this issue and move toward a solution that works for everyone.

You are invited to participate in this coalition building process! Your participation in this process is key. The meeting will take place at Missoula City Council Chambers on Tuesday December 2nd from 9:30 - 12:00. City Council Chambers is located at 140 W. Pine St. in Missoula. The structured meeting is open to the public and will be facilitated by NCBI. Questions: contact Mitch Doherty directly at 406.258.3707 or by email at Mdoherty@co.missoula.mt.us

**EDUCATIONAL OPPORTUNITIES**

1. **UM Hydrogeology position seminars – Nov. 24 & 25 and early Dec.**
   Many EVST students worked with hydro geologist Bill Woessner over the years, but Bill is retiring. Geology is currently interviewing for a replacement, so you have a chance to hear some great talks and also give the Geology department feedback on which candidate you think would best serve UM water resources students. Each candidate will give two talks. The first candidate's talks are on Nov 24 & 25 (titles below). The remaining candidates will be at UM Dec 1-Dec 9.

   Later candidates will present on these dates:
   - Payton Gardner, Ph.D., Sandia National Labs – Dec 1 & 2 at noon in CHCB 304
   - Brian Thomas, Ph.D., California Institute of Technology – Dec 4 & 5, same time & place
   - Irina Overeem, Ph.D., University of Boulder, Colorado – Dec 8 & 9, same time & place

2. **Webinar about Human Rights and Ecology – Nov. 25**
   This free webinar considers connections between ecology and human rights. It will overview the international human rights foundational documents, consider what a human rights-based approach to ecology might look like, and provide examples of such connections. Click here for more info and to register
   **When:** Tuesday, November 25, from 10:00 AM - 11:00 AM

3. **Environmental Chemistry offered this spring**
   Environmental Chemistry (CHMY 541) focuses on the chemistry of air, water, soils and the biota and how human activities have altered these. The course assumes a foundation in physical chemistry, chemical reactions and stoichiometry, chemical equilibrium, acid/base reactions and a working knowledge of spectroscopy. The course will begin with lectures to reground everyone in this basic knowledge and show how it is applied in env. chemistry. Then the course will move
on to guest speakers who work to address local environmental chemistry contamination problems. Finally students will present on topics of their choosing (focused on the chemistry of catastrophe or recovery from catastrophe). For more info, contact the instructor Dr. Brooke Martin; brooke.martin@umontana.edu; ext 4546

4. **Online wilderness course offered this spring**
   PTRM 407 Management of Recreation Resources in Wilderness (UG) or PTRM 562 Managing Recreation Resources in Wilderness Settings (G) will be offered online with a facilitated discussion group led by instructor Kari Gunderson. The online format enables students to work through the course efficiently while benefiting from discussion with other students, agency managers, and academics. Students explore and discuss how to manage for quality visitor experiences including examples of common problems and solutions. Managing to minimize recreational impacts is covered in detail in a separate chapter. Other chapters include wilderness education and information techniques, as well as law enforcement and emergency response.
   - Dates: February 2, 2015 through May 22, 2015
   - Registration deadline: Wednesday, January 21, 2015.
   - There course will be capped at 16 students and needs 8 students to run. Register early to reserve a spot. For more information, please visit [click here](#).

   *PTRM 562 Managing Recreation Resources in Wilderness Settings (G) is one of four course required for UM’s Graduate Certificate in Wilderness Management. To learn more about the graduate certificate, visit: [http://wmdep.wilderness.net/grad_cert.htm](http://wmdep.wilderness.net/grad_cert.htm)*

   This conference came recommended from an EVST friend: The MOSES Conference is the largest event in the U.S. about organic and sustainable farming. It’s the one event of the season where you can expand your farming knowledge, discover new resources and tools, make connections and find support, and *look cool wearing plaid!* [Click here for details](#).

6. **MA and PHD program in Environmental History at Montana State**
   The Department of History & Philosophy at Montana State University in Bozeman welcomes applications for its MA and PhD programs in Environmental History. The MA and PhD in Environmental History provide world-class instruction and mentoring within a small collegial program that permits close interactions between faculty and students. The program has proved successful in placing its graduates in both academic and non-academic positions. [Learn more](#)

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**INTERNSHIPS**

1. **AERO is seeking an Abundant Montana Intern**
   Work with AERO to update, populate and market the online [Abundant Montana Directory](http://abundantmontana.com). The Abundant Montana Intern will assist with outreach to map and identify agritourism activities throughout Montana, assist with the launch of the new site as well as marketing and promotion post-launch, and, finally, the Intern will create a survey for Directory users to inform future phases of the project. [Click here](#) for more details, or see the flyer posted on the Opportunities bulletin board near the EVST bull pen. Contact ingacwallace@gmail.com with questions.
2. **Internship opportunities at Sleeping Bear Dunes in Michigan**

There are a number of internships available in 2015 at Sleeping Bear Dunes along Lake Michigan, in the areas of natural resource management, facility management, park ranger, and cultural resource management. Full details are posted on the Opportunities bulletin board by the EVST bull pen. Visit the Sleeping Bear Dunes National Lakeshore website or contact the Volunteer Coordinator at: matthew_mohrman@nps.gov.

**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. **Environmental Health Specialist with Missoula County – apply by Dec. 5**

The Environmental Health Specialist I performs technical and professional work in environmental health disciplines such as air and water quality, and general sanitation. Some examples of representative work includes: Inspects restaurants, day cares, trailer courts, motels, pools and other facilities to ensure compliance with state and local regulations. Conducts investigations of food, water, and animal borne disease outbreaks. To apply, submit a Missoula County on-line application by 5:00 p.m. 12/5/2014. Full details are posted on the Employment bulletin board by the EVST bull pen.

**FUNDING SOURCES**

1. **Energy conservation/renewable energy grants for ag producers – workshops on Jan. 14 & 15**

REAP is a USDA grant program to assist ag producers and rural small businesses to pay for energy conservation & renewable energy installations. Grant funding for 2015 will be approximately 3 times previous years, and the Rural Development offices in Missoula and Kalispell are conducting workshops to help interested farmers/businesses understand the process and get their applications started. The workshop is open to all, and we hope to have several local installers of renewable energy systems at each workshop. Workshops will have a morning overview, and the afternoon on preparing applications (for those ready to do that). Pre-registration is requested. A detailed agenda can be obtained from Kathi Montgomery, Alternative Energy Revolving Loan Program, MT DEQ; 406-444-6586; kmontgomery@mt.gov

**When:** Thursday, January 15  
**Where:** Missoula, HomeWORD, 1535 Liberty Lane

**When:** Friday, January 16  
**Where:** Kalispell, Flathead Building Association, 309 Main St
HOUSING

1. Awesome Master bedroom/suite in Rattlesnake still available – starting mid December
   Large master bedroom/suite for rent ($700 + utilities) in a beautiful mid-rattlesnake 3 bedroom house. It feels very much like a home, not a rental, and we like it that way. House is shared with two active, mountain-loving young professionals/students in their late 20s and early 30s. Plenty of space for all of us to do our own thing, but we enjoy sharing a beer or cooking a meal. We're looking for someone similar -- professional or graduate student, fun and laid-back.

   Available December 1 and even a little earlier if desired. May come partially furnished if you'd like (with full bed, sheets, and bedside tables). $600 deposit and first month's rent due Dec. 1st. Lease is up July 1st, with the option to resign then. More details here

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RESOURCES

1. Free flu shots for American Indian/Alaskan Natives – Nov. 25 and Dec. 9
   Get the 2014-2015 Flu Vaccine Free (6 months of age through adult), for MIC registered American Indian/Alaska Natives & 1st or 2nd degree descendants. If not registered, you may register before receiving flu vaccine. For more info, contact Missoula Indian Center: 406-829-9515
   **When:** Tuesday, November 25, and Tuesday, December 9, from 4pm-730pm
   **Where:** Skaggs building

2. Raise the River: Reconnect the Colorado
   Raise the River and Change the Course are working together to restore flows to the Colorado River. Check out this video from Raise the River documenting the historic 2014 pulse flow release of water into the Colorado River Delta, where the river had been largely absent for the past 50 years.

3. Resources for Farmers
   Thanks to CFAC for sending out these resources. You can sign up for their mailing list [here](#).
   - Farm Commons is hosting another series of webinars about how to be legally-secure with your CSA, farm events, value-added products, leases, food safety, sales contracts, hiring, legal structure and much more! [Learn more here](#)
   - MT Dept of Ag’s [Growth Through Agriculture](#) program is accepting applications! Deadlines are Dec. 1 for Mini Grant Projects and Trade Show Assistance and Jan. 30 for Economic Development Projects. [Learn more here](#)

4. Sustainability: The Journal of Record
   The Journal aims to be a credible resource that chronicles the trailblazing research, case studies, topic reviews and opinion leaders in higher education, as well as the pioneers in private sector and government. We strongly encourage you to submit your work for publication consideration. Visit our instructions for [authors page](#)

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MISCELLANEOUS ITEMS AND OTHER FUN EVENTS

1. Fresh Montana produce at the Buttercup – Nov. 25
   The Western Montana Growers Cooperative will be selling fall produce in the Buttercup Market-just in time to plan your holiday meals!
   **When:** Tuesday, November 25, from 2-5pm
   **Where:** The Buttercup, 1221 Helen Ave.

2. Spend First Friday with MPG ranch – Dec. 5
   MPG Ranch will be hosting a First Friday event on December 5th. Join us from 5-7pm for a night of bird presentations, artwork, food, drink, and more! Avian scientists will share information regarding how and why we study birds. Topics will include equipment use, bird migration, seasonal bird observations, and bird conservation issues. There will be several opportunities for interactive activities and prizes. MPG staff will display original artwork and crafts. This event is located at 1001 S. Higgins Ave. Building B (right next door to Rockin' Rudy's). Hope to see you there!

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*This Newsline prepared by Vicki Watson and Kim Gilchrist. Please send any comments* [here](mailto:).