Don’t forget to Like UM EVST on Facebook

Table of Contents (Click Section headings to jump to the stories in that section)

Good News Item
1. EVST gets New Web Site! (Check it out AND keep up to date with the newsletter)

Around EVST
1. Big Timber Trip (Oct. 22-25) and information potluck – Sept. 17
2. EPA blog post: Using Traditional Ecological Knowledge to Adapt to Climate Change, by Ros LaPier
3. Congratulations to EVST grad student Emily Withnall on her published essay
4. Connect with EVST student Cathryn Raan about the Missoula Community Food Exchange
5. Congrats to EVST alums Kiki Hubbard and Matt Frank on their new child
6. EVST alum goes to work for American Rivers

Featured Event (See www.umt.edu/conservationcalendar for more events)
1. Service back pack wilderness trip to Stateline Ridge Trail – Aug. 28-30

Volunteer Opportunities
1. Help with Fall Bike/Ped Counts – Sept. 9 or 13
2. Volunteer for the Clean Energy Fair – Sept. 20
3. Help with Old West Autumn Fest – Sept. 20
4. Enjoy Free Fruit, Make Cider, and Help Reduce Conflict with Bears
5. Volunteer Opportunity for Our Parks and Trails!

Educational Opportunities
1. Sage Grouse Lecture – TODAY, Aug. 25
2. Science Museum Education Course – sign up now
3. Two Day Workshop on installing Large Woody Debris in streams – Aug. 27-28
4. Tour of mine exploration site in the Blackfoot Valley on Sept. 6 – register by Sept. 3
5. Fall 2014 Mansfield Conference: 50 years of Wilderness policy – Sept. 10-12
6. Permaculture Lab near Missoula offers 2 day course on rocket mass heaters – Sept. 19-21
7. Permaculture laboratory near Missoula invites interested folks to share films, food, fun

Internships
1. Internship on global poverty
2. Intern with Zero-Waste, Sustainable Brewery in the Bitterroot
**Jobs (mainly local or summer jobs; for full time jobs around the US, see the envirojobs list serv)**

1. Outreach Assistant with Montana Wildlife Federation – apply by Sept. 10 for best consideration
2. Permaculture field experiment station near Missoula seeks kitchen manager
3. Traveling Science Educator for University of Montana spectrUM Discovery Area

**Funding Sources**

1. Bullitt Environmental Fellowship – apply by the first week in April
2. Graduate Research Fellowship in science – deadline to apply is late October/early November

**Housing**

1. EVST alum has a great house for rent
2. EVST alum has an apartment near Frenchtown available for rent
3. Research travel trailer for rent

**Resources (websites, publications and other organizations of interest)**

1. Study shows that trees save lives by cleaning air

**Miscellaneous (social events, videos, and anything else that may be of interest)**

1. Missoula area Central Labor Council Labor Day Picnic – Sept. 1
2. Forest Service encourages students to submit writings about Wilderness – submit by Sept. 4
3. Blue Skies Legal Defense Fund

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

**GOOD NEWS ITEM**

1. **EVST gets New Web Site! (Check it out AND keep up to date with the newsletter)**
   
   UM is updating the design of its website, so EVST gets a new website too. It should be launched sometime today, August 25. Check it out, and please notify us of any glitches that you find.

   Unfortunately, we will not be able to edit the Conservation Calendar for a while – so many important events may come and go before we are able to edit the calendar. So be sure to take note of events in the newsletter and those already on the calendar. In a few weeks, we hope to be able to edit the calendar again. We apologize to the many folks who have sent us events to include in the calendar and that we have not been able to add while the new site was getting prepared.

**Back to Top**

**AROUND EVST**

1. **Big Timber Trip (Oct. 22-25) and information potluck – Sept. 17**

   Each fall for the past decade EVST graduate students have traveled to the Big Timber area in south central Montana to get a “feel” for life in rural Montana and to meet with ranching families, hard rock miners, and forestry officials to listen to and talk with them about their perspectives on conservation-environmental issues. The trip is also a wonderful opportunity to socialize with and to get to know other EVST students.

   The trip will depart Missoula the afternoon of Wednesday, October 22 and return late afternoon Saturday, October 25 traveling in university vans. We shall stay at a delightful bed and breakfast
in Big Timber; breakfast and lunches are provided and we "hit" the town of Big Timber for dinner. We ask that you pay $40 and EVST picks up all the remaining costs. To reserve your spot, place a check for that amount payable to EVST in the EVST mailbox of Tom Roy. Include a card with your name and contact information.

Curious, want to know more or even if already committed to the trip, come to an informational potluck, Or contact me (tom roy) at 728-8319 or tomandsue@bresnan.net
Where: 2555 Lester (tom roy's house)
When: Wednesday, September 17, at 6 PM

P.S. Former Big Timber trippers feel free to come to Potluck and share your experiences with students. Just make damn sure you bring something good to eat and drink!

2. EPA blog post: Using Traditional Ecological Knowledge to Adapt to Climate Change, by Ros LaPier
Check out this blog post for the EPA’s Environmental Justice for Action here.

3. Congratulations to EVST grad student Emily Withnall on her published essay
Congratulations to Emily Withnall, 2nd year EVST grad student. Her essay, “A Water Warning from Las Vegas NM,” appeared 8/8/14 in The Albuquerque Journal and elsewhere as part of High Country News Writers on the Range series. Emily originally wrote the essay as part of fall 2013 Environmental Writing course, and it’s a valuable cautionary tale for all of us in Missoula and many other western locales. Read it here.

4. Connect with EVST student Cathryn Raan about the Missoula Community Food Exchange
The Missoula Community Food Exchange is in the beginning stages of development and aims to eliminate both hunger and food waste by establishing a strong network of growers, farmers, consumers and charitable organizations, all while emphasizing community, sustainability, participation and good stewardship in the interest of a better, healthier food system for all. Whether you wish to sell, trade, or happily donate your foods, the MCFE's network of non-profits, hunger-relief organizations and individuals can be an outlet for your foods that will provide help to those in need or desire. Read more on the exchange’s Facebook page and the attached farmer and community member information documents.
5. **Congrats to EVST alums Kiki Hubbard and Matt Frank on their new child**

   Warm congratulations to Kiki Hubbard ’06 and Matt Frank ’06 (guess where they met?!) on birth of their son Everett Wilbur. Kiki and Everett are doing great, and Matt is bustin’!

6. **EVST alum goes to work for American Rivers**

   Congrats to Kascie Herron who is now Conservation Associate at American Rivers. [http://www.americanrivers.org/blog/author/kherron/](http://www.americanrivers.org/blog/author/kherron/)

**FEATURED EVENT** *(See [www.umt.edu/conservationcalendar](http://www.umt.edu/conservationcalendar) for more)*

1. **Service back pack wilderness trip to Stateline Ridge Trail – Aug. 28-30**

   Enjoy the beauty of the northern Rockies and help protect public wildlands. Join Val Hingston and EVST grad Drew LeFebvre on this backcountry trip where you can soak up both Idaho and Montana from the top of the world Stateline ridge trail beginning at Hoodoo Pass and ending at Heart Lake. Goals of this trip include: monitor ungulate, pika and mountain goat populations; monitor recreation impacts; hand pull invasive species. Total trail miles: 10. Backcountry experience is helpful but not necessary. There will be a brief, mandatory pre-trip meeting before each trip. Please contact Val Hingston at 978-831-2373 or vbingsto@gmail.com for more information or to sign up.

**VOLUNTEER OPPORTUNITIES**

1. **Help with Fall Bike/Ped Counts – Sept. 9 or 13**

   The Missoula Metropolitan Planning Organization (MPO) is looking for volunteers to help with the fall bicycle and pedestrian traffic count and survey program. The counts and surveys will take place on: Tuesday, Sept. 9, from 4 p.m. to 6 p.m., and Saturday, Sept. 13, from 12 p.m. to 2 p.m. To sign up for volunteer shifts, visit [here](http://www.umt.edu/conservationcalendar).
2. **Volunteer for the Clean Energy Fair – Sept. 20**  
Montana Renewable Energy Association’s Clean Energy Fair features free workshops on clean, renewable energy, food vendors, kids activities, hybrid/electric car show, and more. Volunteers are needed to help make sure this is an enjoyable event for the public. Volunteers receive a water bottle, snacks, and opportunities to sit in on workshops and network with people working in the clean energy trade. If you are available to volunteer on Sept. 20 (or before with postering), email sage mountain <smc@sagemountain.org>.

3. **Help with Old West Autumn Fest – Sept. 20**  
Opportunity Ranch (near Frenchtown) is owned & operated by Opportunity Resources which provides services for individuals with disabilities. Funds raised by the Fest help provide those services. The Fest has music, dance, games, prizes, apple cider making, rodeo, hay rides, pumpkin patch and more. Educational exhibits and crafts are wanted. Many volunteers are needed. If you would like to hear how you can help, contact Tim Furey (the dad of EVST alum Kevin Furey) --call 406-329-1709. More info about Opportunity Ranch at http://www.orimt.org/ranch.html

4. **Enjoy Free Fruit, Make Cider, and Help Reduce Conflict with Bears**  
**The Great Bear Foundation is looking for volunteers to help with our Bears & Apples Program, gleaning fruit and pressing it into cider, to help eliminate bear-attractants around the Missoula area. Volunteers get to keep as much fruit as they like and may use our cider press. It’s a fun way to get outside and help reduce human-bear conflict, while making use of a healthy, local food source! Dates and times are flexible. Contact Chris Olsen at chris@greatbear.org or (406) 829-9378 to volunteer.** (Or, if you need help harvesting fruit from your fruit trees, contact Chris for help from the Great Bear Foundation).

5. **Volunteer Opportunity for Our Parks and Trails!**  
Missoula’s parks and trails need your help! This November, Missoula County voters will decide whether to dedicate funding for the county’s parks, playgrounds, trails, and the construction of Fort Missoula Regional Park. Help make history and keep Missoula a great place to live, while gaining voter outreach skills and experience as part of an electoral campaign team. Sign up at http://www.forparksandtrails.org/join

---

**EDUCATIONAL OPPORTUNITIES**

1. **Sage Grouse Lecture – TODAY, Aug. 25**  
There will be a free illustrated presentation this evening. The link below describes the work of the photographer and the sage grouse and prairie chickens he has been studying for years. https://www.youtube.com/watch?v=oO7WsJRMS1A  
**When:** TODAY, Monday, August 25, at 7:00 pm  
**Where:** the Roxy Theater

2. **Science Museum Education Course – sign up now**  
Students in this course will gain professional experience as a museum educator and understanding of how to support science learning and motivation. Each student will serve as an educator at spectrUM Discovery Area Downtown, sharing firsthand science and engineering
activities with kids. The course takes place at spectrUM Discovery Area Downtown and meets meets Tues 4-5 and Thurs 3:10-5. 3 credits. CRN 75457 EDU 491-03 (UG); CRN 75458 C&I 595-04 (Grad)

3. Two Day Workshop on installing Large Woody Debris in streams – Aug. 27-28
This workshop is being held at Lolo National Forest Supervisor's Office (24 Fort Missoula Road) Conference Room. It includes project examples and several field tours (including Fish Creek and Cedar Creek). If interest, contact workshop organizer, Traci Sylte of USFS: tsylte@fs.fed.us.

4. Tour of mine exploration site in the Blackfoot Valley on Sept. 6 – register by Sept. 3
Kennecott Exploration has begun a new phase of deep core drilling within one mile of the Copper Cliff area in the Blackfoot River drainage. This is early exploration, to test and further define geological concepts from past drilling, including 2013 drilling activities. There will be a tour of the site on September 6. Register by Sept 3 with Sara N. Schmidt of the Blackfoot Challenge: (O): (406)793-3900  Cell: (406)529-2822; sara@blackfootchallenge.org. If you can’t make this drill site tour but want to see the site, contact Clinton Roberts or Matt Jeschke at clinton.roberts@riotinto.com or at 385-218-1390, and Matt can be reached at matt.jeschke@riotinto.com or at 801-638-8459.

5. Fall 2014 Mansfield Conference: 50 years of Wilderness policy – Sept. 10-12
In passing the Wilderness Act in 1964, the United States Congress created a legal and ethical imperative to preserve wilderness as a public good. The first half of the fall 2014 Mansfield Conference will be devoted to celebrating the work done to fulfill that imperative. The second half will focus on present and future challenges and controversies facing wilderness. The conference web site is: http://www.umt.edu/ethics/events/wilderness-conference/default.php

6. Permaculture Lab near Missoula offers 2 day course on rocket mass heaters – Sept. 19-21
This is a standard cob rocket mass heater workshop. Cob core. Cob bench. Cob, cob, cob. And, of course, a proper tour of the four existing rocket mass heaters at Wheaton Labs. The website lists the detailed itinerary and gives bios of all six innovators.

7. Permaculture laboratory near Missoula invites interested folks to share films, food, fun
Wheaton labs, founded by Paul Wheaton, serves as a “farmer laboratory” with innovations and experiments such as wofatis, poopers, hugelkultur polyculture food systems, integrated with holistic management-style animal systems, a different style of community, aquaculture and earthworks for privacy, water retention and frost protection. The lab is an hour’s drive from Missoula. Serious visitors are welcome, but need to arrange tours in advance so as not to interrupt the work here. No drop-ins please. A good way to satisfy your curiosity while not interfering with their work is to come to their Wednesday potluck/movie nights. Potluck & movie start at 6:30. For more info, contact Jocelyn jocelyn@richsoil.com. Note that wheaton labs is a smoke/tobacco free, drug free environment.
**INTERNSHIPS**

1. **Internship on global poverty**
The Borgen Project is a national campaign focused on global poverty. They have a Political Affairs telecommute internship opening in Missoula. This is a part-time 14-hours per week telecommuting internship. The internship is 4-months and responsible for leading public and political outreach in the state and district assigned to. Must be available Monday’s 4:30-6:00 PM PST for The Borgen Project’s national conference call. Click here for details.

2. **Intern with Zero-Waste, Sustainable Brewery in the Bitterroot**
The goal of Wildwood Brewing’s (Stevensville, MT) organic operation is complete sustainability and materials management through careful culturing of the soil and water around and within the brewery. There are a number of projects for interns to work on, including system modeling for mycoculture and aquaculture, analysis of stream flows and strategies for implementing the capture & productive use of ‘waste’ products, greenhouse construction, raised bed construction, and so on. What we hope for is a combination of creative and physical input – interns would be able to use their hands as well as their minds. There is no pay for interns as of yet, but grant funding is being pursued. For more info, contact alice.martin@umconnect.umt.edu.

**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. **Outreach Assistant with Montana Wildlife Federation – apply by Sept. 10 for best consideration**
The Montana Wildlife Federation (MWF) is a 501(c)(3) nonprofit organization dedicated to the protection and conservation of Montana’s abundant wildlife, natural lands, and healthy waters. The Outreach Assistant will implement communications activities to support MWF’s operations, including priority conservation campaigns, membership development, and fundraising. Full job description is posted on the EVST Jobs bulletin board on the side of the Bull Pen.

2. **Permaculture field experiment station near Missoula seeks kitchen manager**
Duties include: 70% cooking, food preservation and sourcing, kitchen management; 10% wild food gathering, prepping, storing; 20% people space care/management (these percentages are, of course, estimates). This person would live at base camp, possibly in a shared bunk bedroom and would dine with the residents. If you’re still interested after reading how to volunteer, visit or apply for a paid position, then e-mail jocelyn [at] richsoil [dot] com to apply or for more info.

3. **Traveling Science Educator for University of Montana spectrUM Discovery Area**
The Science Educator provides high quality interpretive education experiences, primarily in the fields of science, health science, and neuroscience for rural and tribal communities. This is a temporary position that works on an as-needed basis. A bulk of the travel will occur during late September to mid-November with a possibility to extension into the winter or spring. View the full job description and details on the EVST Jobs bulletin board, on the side of the Bull Pen.
FUNDING SOURCES

1. **Bullitt Environmental Fellowship – apply by the first week in April**
   The Bullitt Environmental Fellowship is a two-year, $50,000/year fellowship for graduate students interested in pursuing leadership positions within the environmental field. The award is for an outstanding, environmentally knowledgeable graduate student from a community under-represented in the environmental movement, who has demonstrated exceptional capacity for leadership as well as scholarship. Visit [the website](#) for more information and instructions on how to apply.

2. **Graduate Research Fellowship in science – deadline to apply is late October/early November**
   Since 1952, GRFP has provided Fellowships to individuals selected early in their graduate careers based on their demonstrated potential for significant achievements in science and engineering. Three years of support is provided by the program for graduate study in science or engineering and leads to a research-based master’s or doctoral degree. [Click here](#) for more info.

-back to top-

HOUSING

1. **EVST alum has a great house for rent**
   Bright, clean and conveniently located across the street from the Kim Williams trail, close to the Good Food Store, and downtown. The house has three bedrooms and two bathrooms, an open floor plan, and includes a garage, a gas grill, and a washer and dryer. Rent is $1350/month; landlords pay for garbage and recycling and tenets take care of additional utilities. Please no pets and no smoking. The house is available starting Saturday, August 23rd. Please contact Bethany Applegate: bethany_swanson@hotmail.com or call 503-720-5644 to inquire.

2. **EVST alum has an apartment near Frenchtown available for rent**
   Small, basic first floor apartment available to rent in the Frenchtown area. It might work out well for a grad student - possibly pet friendly. If interested, contact Deb Tirmenstein: 406 240-4891.

3. **Research travel trailer for rent**
   The Yellowstone Ecological Research Center has an excellent 4-season travel trailer, our "Mobile Field Station," and we are trying to find a research project that could put it to good use this winter. This 28’ 2011 Nash Northwood travel trailer accommodates four-season use, and its heavy duty, high clearance chassis allows access to sites that other travel trailers cannot get to. For more information, please contact Patrick Cross at [cross@yellowstoneresearch.org](mailto:cross@yellowstoneresearch.org), and check out this [article](#) by the Billings Gazette.

-back to top-
RESOURCES

1. **Study shows that trees save lives by cleaning air**
   "Tree and Forest Effects on Air Quality and Human Health in the United States," is available online [here](#).

Back to Top

MISCELLANEOUS ITEMS AND OTHER FUN EVENTS

1. **Missoula area Central Labor Council Labor Day Picnic – Sept. 1**
   Music, food, and fun. Free, open to all community members. More details [here](#).
   **When:** Monday September 1, from 1p-5p
   **Where:** Bonner Park - Band Shell

2. **Forest Service encourages students to submit writings about Wilderness – submit by Sept. 4**
   The US Forest Service’s Northern Region encourages all students to submit their personal reflections about Wilderness – whether it is a 140 character ‘tweet’ or the maximum length of 500 words. The challenge is open to all students. Submit your writings online at the Forest Service’s Northern Region website, [www.fs.usda.gov/r1](http://www.fs.usda.gov/r1) where you will find the rules of engagement.

3. **Blue Skies Legal Defense Fund**
   Recently, **four Blue Skies activists physically blocked a coal train from coming through Missoula**, by standing in the path of a train full of toxic coal and delaying it from making its way through Hellgate Canyon. All four participants -- including author Rick Bass, and three other concerned residents of Missoula and Western Montana -- were arrested and cited for trespassing on Montana Rail Link property. You can read more about what happened [here](#).
   **If you would like to Donate to their legal defense fund:** The 4 activists will have legal expenses, and you can support the legal defense fund at [blueskiesmt.com/donate](http://blueskiesmt.com/donate). Even donations of just $5-10 are significant and will make an impact.

Back to Top

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