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

Good News Item
1. Congress passes ban on plastic microbeads in beauty products.
2. Good news for solar power.

Around EVST
1. Two EVST alums published in Whitefish Review!
2. EVST grad student receives NSF’s Native Science fellowship!

Volunteer Opportunities
1. Art Activism. Enter your activist art by January 10.
2. Sign-up to judge Speech and Debate. January 15 – 16.

Educational Opportunities
2. Big Blackfoot TU meeting will feature recent stream restoration projects. January 12.
9. Sustainable agriculture conferences in January and February.

Internships
1. Intern this spring with Urban Herbs, a local sustainable herb grower.
2. US EPA internship on wetlands (for those graduating).

Jobs (mainly local or summer jobs; for full time jobs around the US, see the envirojobs list serv)

Funding Sources
1. UM Scholarships. Opens January 5!

Housing

Resources (websites, publications and other organizations of interest)
2. Clark Fork Coalition videos.

Miscellaneous (social events, videos, and anything else that may be of interest)
1. Want to grow organic?
2. Read a good book.

GOOD NEWS ITEM
1. Congress passes ban on plastic microbeads in beauty products.
   The U.S. Senate and House have approved a bill phasing out the manufacture of beauty products with plastic microbeads by July 1, 2017, and the sale of such products by July 1, 2018. The Microbead Free Waters Act bans all plastic microbeads in beauty products, including those made from so-called "biodegradable plastics," the majority of which do not biodegrade in marine environments. The law will prevent 1.4 trillion plastic microbeads from entering U.S. waterways each year. Plastic microbeads, designed to be washed down the drain and too small to be reliably captured by wastewater treatment facilities, pollute lakes, rivers, and oceans. They concentrate toxins like pesticides and flame retardants on their surface, which may then transfer to the tissue of fish that ingest them. Get more from Bloomberg.

2. Good news for solar power.
   Just before Christmas, Congress passed and the President signed a budget deal that included a five-year extension of the solar investment tax credit (ITC). While the residential ITC was originally set to expire at the end of 2016, the tax credit will now be extended through 2021. The 30% credit will step down on this schedule:
   --2017 – 2019: 30%
   --2020: 26%
   --2021: 22%
   --2022 and beyond: 10% (non-residential and third-party-owned residential) or 0% (host-owned residential).

BACK TO TOP

AROUND EVST
1. Two EVST alums published in Whitefish Review!

2. EVST grad student receives NSF’s Native Science fellowship!
Leanne Falcon was chosen to receive NSF’s Native Science Fellowship. Leanne’s undergrad degree is in biology, and she has worked as the Coordinator of the Badger Two Medicine Alliance, working to save the area from development. For her grad work in EVST, Leanne plans to combine advocacy, science and Indigenous knowledge. Congratulations, Leanne!

VOLUNTEER OPPORTUNITIES

1. **Art Activism.** Enter your activist art by January 10.
   The Zootown Arts Community Center (ZACC) is now accepting submissions for "Art Activism" -- a group art show in conjunction with the Big Sky Documentary Film Festival (BSDFF). Art Activism at the ZACC will kick off the 2016 BSDFF season on Friday, February 12, from 5:30 - 8:30 p.m. This exhibition aims to illustrate the timeless role the arts play in shaping, informing, and documenting culture.
   Eligibility: All political, social and/or economic artwork (The 2016 Presidential Election, Child Welfare, Workers Rights, Environmental issues etc.) All medias welcome (Drawing, Painting, film, Prints, Poetry, Dance, Musical Performances, etc.) More information may be found on [ZACC's website](http://zacc.org).
   Deadline for entries: January 10.

2. **Sign-up to judge Speech and Debate.** January 15 – 16.
   Big Sky, Hellgate, and Sentinel High Schools are combining efforts to host a full AA meet in Missoula. Community members are needed to be judges. Judge registration is open now. All debate events will be held at Hellgate High School, while all speech events will be held at Big Sky High School. You will have the option to choose time and event preferences. Judging is fun and easy, and for those who are unsure of what judging entails, there will be a judge clinic in the cafeteria of Sentinel High School on Tuesday, January 12, from 6:30 – 7:30 p.m. All are welcome and encouraged to attend. You can [sign-up to be a judge online](http://bigskydebateteam.org).

EDUCATIONAL OPPORTUNITIES

1. **How the vegetation of the Northern Great Plains has changed.** January 11.
   Montana Native Plant Society invites you to learn how plant and bird communities have changed on the Northern Great Plains. Marisa Lipsey spent several years studying Eastern Montana’s grasslands and grassland birds, and conservation in a changing landscape. This will be a joint meeting with Montana Audubon.
   WHEN: Monday, January 11 at 7:30 p.m.
   WHERE: Gallagher Business Building, Room 123, UM Campus.

2. **Big Blackfoot TU meeting will feature recent stream restoration projects.** January 12.
   The Big Blackfoot Chapter of Montana Trout Unlimited will hold their annual meeting/fundraiser, featuring food, auction, raffle, prizes and best of all -- presentations on many new stream restoration projects in the basin. RSVP: ryen@montanatu.org by January 7.
   WHEN: Tuesday, January 12, starting at 5 p.m.
   WHERE: Stray Bullet in downtown Ovando.

3. **Adventures in the Big Wilds of the northern Rockies.** January 12.
The Rocky Mountaineers invites you to hear Bob Clark, long-time local organizer with the Sierra Club. Bob is now a Wilderness Backpacking Guide and will show slides and discuss his 2015 Adventures in the Big Wilds. Bob has spent nearly 50 nights under the stars guiding hikers into the remote wilderness of Yellowstone, the Tetons, the Rocky Mountain Front and elsewhere. He will cover trips through the Jedediah Smith Wilderness, Wind River Range, Badger-Two Medicine and more. Free and open to the public. More information may be found on the Rocky Mountaineers website.

WHEN: Tuesday, January 12 at 7:00 p.m.
WHERE: Trail Head, 221 E Front St., Missoula.

   Come learn about Clark Fork Coalition’s two snowpack volunteer opportunities this winter: 1) trekking into the Sapphire Mountains to collect valuable snowpack data, or 2) assisting CFC’s Education Coordinator with implementing a snowpack curriculum in local schools. We'll provide food and beverages! Don’t know Jack Frost about snowpack? No worries—we’ll teach you everything you need to know! Email Katie to sign up or to learn more!
   WHEN: Thursday, January 14, at 5:30 for Snowpack Educator Training or 6:00 for Snowpack Monitoring Training
   WHERE: Clark Fork Coalition Office, 140 S. 4th St W, Missoula.

   Join internationally renowned artists and experts in foreign policy, culture, and history for The Art of Diplomacy, a unique Mansfield Center Conference that will interweave world-class discussions and performances to explore the impact of the arts and cultural exchanges on international relations, politics, and societies. Sessions are free and open to the public, but seating is limited. Attendees who register in advance will receive access to premier seating and free on-campus parking. Learn more on The Art of Diplomacy webpage.
   WHEN: Thursday, January 15, from 8:30 a.m. - 5 p.m.
   WHERE: University Center Ballroom.

   The forty-ninth annual meeting of the Montana Chapter of the American Fisheries Society will be held in Helena, Montana, February 16 – 19. The theme of the annual meeting is “Montana Native Fish – Lifestyles of the Not-So-Famous.” Not all fish are trout. There are many other native fish with important ecological roles. Here’s your chance to learn about them. Papers and posters are invited on any topic that relates to Montana’s fish and fish habitat. Full details of the meeting, along with submission guidelines and online submission instructions may be found on the organization’s website.

   The 2016 Montana Environmental Education Association (MEEA) conference is scheduled for March 31 – April 1, 2016, in Bozeman, and has the theme: “Celebrating 25 Years of Excellence in Environmental Education.”
   The MEEA annual conference is a key avenue for organizations and educators to communicate, collaborate, and obtain quality professional development in the area of environmental education, and it is the only statewide conference dedicated to that end. In all their work, MEEA facilitates programming on a statewide level by providing much needed support and connection for a variety of educators and organizations.
Please consider giving a presentation! Get information and submit an application at Call for Presenters. Application deadline has been EXTENDED to January 31st, 2016, as there have been requests for additional time due to the holidays.

   The Under Western Skies Conference (UWS) is a biennial, interdisciplinary conference series on the environment. Conference organizers invite researchers, authors, artists, and others to submit proposals for oral and poster presentations as well as workshops and panels. The conference theme, Water: Events, Trends, Analysis, will be examined in 4 tracks: Policy, planning, and management; Safety, reliability, and sustainability; Environmental Humanities; Agricultural and Industrial Use. The UWS Committee looks forward to proposals from humanities, natural & social sciences, policy, business, and law. Non-academic proposals also welcome. Please submit your panel or individual proposal to UWS via Submittable by January 31.

9. Sustainable agriculture conferences in January and February.
   --Registration is open for the eighth annual Organic Seed Growers Conference, held in Corvallis, Oregon, this February. Find more details on their website, Organic Seed Alliance.
   --Registration is open for the thirty-sixth annual Winter Conference of the Northern Plains Sustainable Agriculture in Aberdeen, South Dakota, on January 24 – 25. More information is available on the Northern Plains Sustainable Agriculture webpage.
   --Registration is open for the fourth annual Montana Farmers Union Women’s Conference, being held this February in Paradise, Montana. Sounds like a good one. Full details are available on their MFU Women’s Conference webpage.

Back to Top

INTERNSHIPS

1. Intern this spring with Urban Herbs, a local sustainable herb grower.
   An internship is available with Urban Herbs, a local sustainable herb grower. The half-acre of 100 medicinal tea herbs and 40 culinary herbs is located in the West Missoula Valley. Interns are needed year round to work and expand this small sustainable business venture, where both e-commerce and sustainable growing practices are involved. See this posted on Griz eRecruiting. Get more information by emailing Urban Herbs.

2. US EPA internship on wetlands (for those graduating).
   A postgraduate internship project is available at the U.S. Environmental Protection Agency’s Office of Water in Washington, D.C. The internship will be served with the Wetlands Division in the Office of Wetlands, Oceans, and Watersheds. For the full description, go to http://orise.orau.gov/epa/applicants/description.aspx?JobId=18985. (This link may need to be copied and pasted in to your browser.)

Back to Top

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)

EVST alum Laurie Schlueb is hiring Naturalist Guides to work in Denali the next 3 summers. Camp Denali is an exceptional place to work. Most staff stay longer.
Camp Denali and North Face Lodge in Denali National Park, Alaska, are looking for skilled and experienced Naturalist Guides for the summer of 2016. Current WFR and CPR certifications and a solid academic background in the natural sciences are required (MS preferred). Experience in arctic/sub-arctic or alpine regions is desired. This is a rewarding and challenging position, set in an unparalleled location, among an interesting, committed, and conservation-minded community of staff. For over 60 years, Camp Denali and North Face Lodge have been family owned and operated lodges with a reputation for excellence. We seek to offer the highest quality experience for visitors who venture out with our diverse and qualified staff of naturalists. This is not your average job in Denali.

A three-summer commitment is required. Applications are due January 10, 2016. For more information or to apply, please see the camp's employment page or email Camp Denali.

2. **Garden City Harvest** hiring Volunteer/Outreach Coordinator. **Apply by January 14.**
   
   Garden City Harvest is looking for a Community Gardens Volunteer and Outreach Coordinator. This position will work with volunteer leaders at each of our 10 gardens and foster community in the gardens thorough effective outreach and communication. Getting out in the garden to assist the Community Garden Maintenance Coordinator is also a large part of the job. Work indoors and out with a fun & hard-working group of gardeners, volunteers, & co-workers. For more information and a full job description, check out GCH's employment webpage. Applications due January 14, 2016.

3. **Clean Energy Educator job with AERO. Apply by January 15.**
   
   Applications for the Clean Energy Educator at AERO are open until January 15. Read the full job description and get application instructions and links on AERO's positions webpage.

4. **Ecology Project International** hiring recruitment coordinator. **Apply by January 20.**
   
   EPI is an international non-profit organization, located in Missoula, dedicated to addressing critical conservation issues through field-based partnerships between local experts and high school students. We engage adolescent youth from local communities and visiting youth from other regions in applied hands-on science and conservation as they learn about and help protect threatened species and habitats. Through EPI’s programs in five countries throughout the U.S. and Latin America, teens are inspired and empowered to engage in conservation efforts at home and worldwide to become the next generation of conservation leaders. More information can be found on EPI's jobs web page.
   
   The Recruitment Coordinator will work with the Recruitment Manager to implement EPI's marketing, recruitment, and sales strategies. Responsibilities involve recruiting students from the US and abroad via direct sales, mailing campaigns, trade shows and conferences; communications and public relations; additional marketing-related work; and support of participant enrollment. This position is supervised by the Recruitment Manager. This is a full time (40 hours/week) position, starting March 1, 2016. This position is based in EPI's Missoula office with occasional travel to conferences, schools, and field sites.

5. **Stream restoration job in Missoula. Apply by January 25.**
   
   The Clark Fork Coalition is a watershed group based in Missoula. They seek an experienced professional to join their team as a Restoration Specialist, with a focus on hydrology and in-
stream flow. The full job description and application instructions may be found on CFC's employment webpage.

EVST alum Corey Bressler will be on the UM campus January 26-28 to talk about jobs with Impact. If you are graduating in spring, you can apply for full time jobs that start in August. If you are not graduating, you can talk with Corey about internship opportunities. If you are interested in joining a team of passionate people to make an impact on issues like global warming, clean water, big money’s influence over our democracy, and other issues that matter to our future, consider a job with Impact. Impact is a nonprofit that runs action campaigns in states with potential for positive change for our environment, our democracy, and our future.
Impact is now accepting applications to join our team in August, 2016! There are also jobs available now. Priority application deadline is February 14. You can learn more and apply on Impact's website or contact Corey Bressler, Campaign Organizer with Impact, at (406) 396-7201, or email Corey.

Back to Top

FUNDING SOURCES

1. UM Scholarships. Opens January 5!
The UM scholarships general application and most department scholarships applications will open Tuesday, January 5. They will not be found on the UM home page. They will be found at https://umt.academicworks.com/. From there go to the "sign in" button on top right; then go to “Sign in with institution.” Next, go to "Net ID" to set up your account. This puts you into one big pool of scholarship for the whole university. Upon answering the questions, you will filter into all the scholarships for which you are eligible. New, incoming students will need to have a Net ID before applying. (Once you apply to the University of Montana, you will get your 790 number. You will need to go to http://user.umt.edu/netidlookup/, where you will enter your last name and DOB and be able to get your NetID.

The Collaboration Challenge Research Grant (CC-RG) is a program initiated by the Interdisciplinary Collaborative Network in 2014 to stimulate and support graduate students engaging in interdisciplinary collaborative projects. The CC-RG will help make it feasible for students to engage in interdisciplinary collaboration as a component of their graduate research by directly funding a research project. Graduate students are invited to submit proposals for studies that involve researchers (grad students, faculty, professional or otherwise) from disciplines other than their own. The ICN will award $1000 in February, 2016, to grad students with competitive proposals. The award will directly fund research in accordance with a budget that will be included with the proposal (i.e. the award will not be a stipend). Proposals and applications are due by Friday, January 29, 2016. For more information and to submit a proposal, please visit the Interdisciplinary Collaborative Network webpage.

Applications are now being accepted for the Jerry O’Neal Fellowship for work in Glacier National Park, Grant-Kohrs Ranch National Historic Site, and Little Bighorn Battlefield National Monument. The fellowship aims to provide educational assistance for students seeking to
understand natural and cultural resources issues and how these interact with human values. Special consideration will be given to proposals that address the following:
-- natural resource issues such as aquatic ecology, terrestrial ecology, fire ecology, invasive plants, and climate change,
-- cultural resource issues, such as history and architectural studies, cultural landscape reports, archeology, and ethnographic research,
-- social science that informs resource management about a natural or cultural topic and/or that addresses visitor impacts to park resources.

Competition is open to graduate students or superior upper division undergraduate students at RM-CESU universities and colleges only. Awards range from $1000-5000. Applications must be submitted electronically by February 18, 2016. For details on the application process, please read the fellowship announcement online.

HOUSING
I need someone to stay in a rustic wood-heat-only house, 7 miles southeast of Hamilton, and care for 3 cats and 10 sheep. Good hiking right out the door, great stars on clear nights, a quiet, beautiful retreat. There is hot running water indoors, including a shower, but no toilet, just an outhouse. There is no internet access or television, but there is electricity, a nice large desk, and lots of reference books. I'm severely chemically sensitive, so no fragrances or fragranced products allowed. If interested, please email Moma.

RESOURCES
The Crown of the Continent Discovery Center is located at 12000 US Highway 2; just a mile and a half from the west entrance to Glacier National Park. The Center is a place that brings people together and serves as a vehicle for educating visitors, promoting visitor experiences and the protection of Glacier National Park and the surrounding region’s distinctive values. The Discovery Center is committed to the Thirteen Principles of Geotourism in an effort to enhance the area where we live and work. We aim to tell the whole story of Glacier National Park and the Crown of the Continent region in an effort to connect you with valuable resources and others that contribute to the Crown of the Continent project.

2. Clark Fork Coalition videos.
The CFC has a series of videos about the river that may interest you. Click on these links and you'll find more videos featured nearby. View one or all of these three videos: The Clark Fork Watershed, “Be Part of the Story,” and “The Clark Fork Comes Home.”

3. Build yourself a chicken-powered vehicle.
Just for fun!

MISCELLANEOUS ITEMS AND OTHER FUN EVENTS
1. Want to grow organic?
KAMUT Organic is actively seeking farmers and looking to develop new organic growing areas! Interested, or know someone who might be? Connect with KAMUT online.

2. **Read a good book.**
   - Michael Morell, "The Great War of Our Time: The CIA's Fight Against Terrorism from Al Qa'ida to ISIS." This was a very fast past (almost like a spy novel) memoir of the former CIA deputy director. Hmm.. what can I say... I am very interested in how religious views impact human behavior (this is what I have written about in my dissertation/manuscript but in relation to religious views/human behavior toward nature) and therefore I am also interested in this in other places (such as terrorism). This book is intriguing (again very spy novel-y), interesting and quite scary, its story starts on 9/11 moves through the last 15 years to today focusing primarily on Al Qa'ida and related groups. His focus is not religious, but on the CIA and intelligence craft. He ultimately argues that we are in for a long protracted "war".

   Judy Pasternak, "Yellow Dirt: An American Story of a Poisoned Land and a People Betrayed." I have the students in 510 read this book (Theresa read it!) and I try to re-read these books before class. This is a tragic story of environmental injustice and racism on the Navajo reservation because of the mining of uranium. Pasternak is an investigative journalist and this book began as a series in the LA Times. She utilizes the story of one Navajo family in one community (as the backdrop) as she weaves together the history of WWII, the Cold War, the race between the U.S. & Soviet Union for nuclear supremacy with the story on the ground (literally) of the Navajo who mine the uranium, live next to the mines, and suffer its legacy of fatal diseases unique to uranium poisoning. The book can be quite dense and technical at times as she explains the science of both building weapons & complicated diseases and unravels the various U.S. governmental programs and policies. This is an important "story" for many reasons.

   Jane Goodall, "Seeds of Hope: Wisdom and Wonder from the World of Plants." This book I started but did not finish, I read about the first third. This book is very good, it is a memoir of Jane Goodall's life in England & Africa and also a synthesis of the writing/scholarship of various folks who write about botany, agriculture, etc. I have read a lot of this scholarship, so I did not need to read her synthesis of these writers, such as Michael Pollan (who wrote the introduction). As a conservationist she writes about the importance of plants in our everyday lives, our yards, our agricultural lands and in far-away places, such as rain forests. She is an elegant writer, writes for the general audience and this would be a great book to read, if you want to learn about the latest research related to the topic at hand. I would even assign this in a class. (But if you are like me, and you have already read these other authors/research she is writing about, it is "been there, done that.") So I did not keep reading.

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