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**GOOD NEWS ITEM**

1. Yellowstone Bison Arrive At Fort Peck Reservation
   The transfer is part of the first treaty signed between the U.S. Government and Indian nations in 150 years. Tribal councilman Tommy Christian has represented the Assiniboine and Sioux tribes for 15 years, and was part of the treaty signing in September. He says having a strong bison herd is important for some tribal members, and a strong herd can represent a strong culture.

   “A lot of people don’t understand that many of us live by a way of life, a value system that kind of develops a character to get through a lot of these hard times, and the buffalo represents that,” said Christian. "Like the buffalo when the storm comes, it faces the wind, they are facing the storm and I guess that's kind of representative of our adaptability and our resiliency as a nation of people.”

   Read the NPR story here.

**AROUND EVST**

1. Matt Hannon defends his professional paper – Nov. 21
   A Sustainability Assessment and Performance Improvement Recommendations for the Resort at Paws Up
   **When:** Friday, November 21, at 3:00 PM
   **Where:** Rankin Hall 204

2. EVST grad student Nick Triolo’s photo essay published online
   Congratulations to EVST student Nick Triolo on publishing a photo essay, “Circumnavigation: The Revolutionary Way,” at TerritoryRun.co. Read it here.

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3. **New YouTube Channel launched by EVST alums**
   The Emmy-award winning High Plains Films was founded by 2 EVST alums Doug Hawes-Davis & Dru Carr. They just launched a new YouTube channel featuring a wealth of entertaining and educational content about Montana, making it an ever-expanding resource for educators, nonprofits, and government agencies. For the general public, the channel is intended to become "one-stop-shopping" for anyone looking to learn about the great State of Montana. The Missoula Independent recently named the channel "The Best Way to Learn About Your State". Subscribe to THE MONTANA EXPERIENCE on YouTube, Follow on Facebook or Twitter.

4. **Congratulations to M. Jackson, M.S. ’11, on her forthcoming publication**
   Congratulations to M. Jackson, M.S. ’11, on forthcoming publication of While Glaciers Slept, a book she wrote for her EVST Thesis, that will be published in Spring by Green Writers Press in Vermont. Check it out on Amazon! It’s about climate change, life, death, loss, grief and hope!

5. **Overrides for those registering for Environmental Law and Land Use and Environment**
   Spring semester offerings of ENST 561 Land Use and Environment or ENST 563 Environmental Law I require overrides for EVST grad students. If you are registering for one of these classes contact Michelle Bryan at Michelle.Bryan@umontana.edu for an override. She is teaching both classes in the spring.

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

1. **Presidential lecture and seminar on “The Riddle of Sustainability” — TODAY, Nov. 17**
   William Cronon, a University of Wisconsin-Madison professor who specializes in the environmental history of the American West, will deliver the next installment of the 2014-15 President’s Lecture Series at UM. The lecture and seminar both are free and open to the public.
   - **Mid-day seminar: “The Portage: Storytelling and the Making of an American Place,”**
     **When:** TODAY, November 17, from 3:10 to 4:30 p.m.
     **Where:** Gallagher Business Building Room 123
   - **Evening Lecture: “The Riddle of Sustainability: A Surprisingly Short History of the Future”**
     **When:** TODAY, November 17, at 8 p.m.
     **Where:** George and Jane Dennison Theatre

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**VOLUNTEER OPPORTUNITIES**

1. **Citizen scientists needed to help monitor Mt Jumbo Elk Herd — sign up now**
   Last winter, Missoula Conservation Lands began an elk monitoring program on Mt. Jumbo. A key part of the program is a citizen science project, the **Mt. Jumbo Elk Spotters** program. *It is that time of year again, and Elk Spotters are needed!* Learn about the Elk Spotter program [here](#).
   The process is simple: all you need is a pair of binoculars and a view of the mountain. We will send you instructions on how to count, and datasheets to record your observations. We particularly need people in the East Missoula area who have a view of that side of Jumbo.
   For more info or to sign up: Contact Chris Carlson ccarlson@ci.missoula.mt.us or call 406-370-3239
2. **Voice Your Concerns on Farmland Conservation – Nov. 18 & Dec. 2**
Hear about the Planning Board's research on how subdivision and ag land protection can coexist at the Planning Board Subcommittee Presentation
**When:** Tuesday, November 18, 7pm
**Where:** City Council Chambers, 140 W. Pine

The County is convening a coalition building process and the public is welcome to attend this
Controversial Issues Roundtable:
**When:** Tuesday, December 2, 9:30am - 12pm
**Where:** City Council Chambers, 140 W. Pine

3. **Comment on the Food Safety Modernization Act – by Dec. 15**
The Food Safety Modernization Act is back and open for its second round of comments until Dec. 15! [Click here for news and info on how you’ll be affected](https://www.national-sustainable-ag-coalition.org/food-safety-modernization-act-comment/) -- from National Sustainable Ag Coalition

4. **Ghana Health & Education Initiative’s Serve and Learn volunteer program – apply by Jan. 15**
Ghana Health & Education Initiative’s Summer Serve and Learn volunteer program offers a once-in-a-lifetime experience in international development work in Africa. GHEI volunteers take part in 16-day sessions working alongside local staff to reach common goals. GHEI programs are each designed to complement year-round programming and the skills and expertise of volunteers. To learn more, check out the website [www.ghei.org/volunteers](http://www.ghei.org/volunteers).

5. **Help with Bird Research**
UM Prof Erick Greene studies how birds communicate with each other about predators. They have a remarkably sophisticated “distant early warning system” and many different species of birds share information about predators. This shared information can spread surprisingly far and fast, and many different species of birds participate in these important communication networks. Erick is looking for people who would allow his students to visit their bird feeders to conduct some behavioral experiment—displaying pictures of predators and recording the birds’ response. Birds usually return to your feeders within a couple of minutes after the experiments. They are especially interested in feeders that have Steller’s Jays as well as Chickadees and nuthatches. If these birds come to your feeders and you are willing to help, contact [Erick.greene@mso.umt.edu](mailto:Erick.greene@mso.umt.edu) or 406 243-2179.

**EDUCATIONAL OPPORTUNITIES**

1. **International Education Week at UM – Nov. 17-21**
International Education Week celebrates the benefits of international education and exchange. UM’s Office of International Programs will host several educational activities and events during the week. Most events are free and open to the public. [Schedule here](https://www.umt.edu/international/education-week)

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2. **Workshop: How to best communicate with your legislators during the 2015 session – Nov. 19**
   During this League of Women Voters meeting all of the newly elected state representatives and senators from the Missoula area will be invited to come share lunch and their views on how they best want to be contacted during the session. Keep your eyes peeled for details on their January 19 meeting on how to track legislation.
   **When:** Wednesday, November 19, from noon - 1pm  
   **Where:** Missoula County Public Library, Large Meeting Room

3. **Environmental and Public Health Impacts of Oil and Gas Production – Nov. 19**
   This presentation provides an overview of a preliminary investigation of the potential environmental and public health impacts of energy development, especially those related to the quality of water wells serving rural households in Richland County, Montana. Click here for details.
   **When:** Wednesday, November 19, at Noon  
   **Where:** Click here to connect to the live screencast

4. **Winter Watershed Webinars – Nov. 20 and beyond**
   The Columbia Basin Watershed Network (CBWN) and the Kootenay Conservation Program (KCP) are partnering to host a series of one-hour webinars this winter. For more information and to register, go to click here. Topics include:
   - Nov 20, from 11am-noon MT: History of salmon in the basin
   - Dec 11: Investing in Resilient Landscapes
   - Jan 15: Freshwater Storytelling
   - Feb 12: Biogeoclimatic Ecosystem Classification
   - March 10: Emerging issues in Mountain Watershed Management

5. **Community Matters conference call: Civic health – Nov. 20**
   Join this hour-long talk about promoting healthy civic life. Fun and data-driven approaches to exercising civic health and, in turn, maintaining strong communities will be shared. Click here for more info and to register.
   **When:** Thursday, November 20, from 2-3pm MT

6. **Bird Walks with Audubon – Nov. 23**
   Five Valleys Audubon will lead a Bird walk at Maclay Flats on Blue Mountain Road.
   **When:** Sunday, November 23, from 9 to noon  
   **Where:** Meet at Maclay Flats parking lot

7. **Kinship Conservation Fellows now accepting applications – apply by Jan. 26**
   This opportunity came recommended through a colleague of a current EVST grad student: Kinship Conservation Fellows is a groundbreaking environmental leadership program that emphasizes market-based solutions to environmental problems. Kinship's dynamic global network of 210 Fellows in 48 countries and 6 continents is collaborative, entrepreneurial, and dedicated to effective conservation. Click here for details.

8. **Experiential learning program in energy and sustainability**
   The GREEN Program is an experiential learning program for future clean energy and sustainability leaders. The short-term immersion programs take students to sites of clean tech,
sustainability, and innovative industries. Many of the sites are outside of the US. Applications are being accepted now for upcoming programs. More info [here](#).

The EVST faculty is not endorsing this program as we have no previous experience with it—so we would be interested in hearing about any experiences students have had with this program.

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**INTERNSHIPS**

1. **Summer 2015 Garden interns with Wholesome Foods in Red Lodge**
   Wholesome Foods is seeking several motivated, hard-working individuals to join our Garden team for the 2015 growing season. Garden Interns work closely with the Garden Manager and Assistant Manager to maintain a diverse and complex vegetable operation within the larger context of a USDA Certified Organic cattle and hog ranch. Visit the [Wholesome Foods website](#) to learn more and download the internship packet.

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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. **Carnivore Campaign Lead with WildEarth Guardians** – apply by Dec. 5
   Location: Denver (preferred), Missoula (possible); Start date: ASAP, no later than Feb. 1, 2015
   The Campaign Lead will advocate for the conservation and long-term sustainability and resiliency of native carnivore populations in the American West, with a focus along the Spine of the Continent in Montana, Colorado and New Mexico and on issues impacting bears, bobcats, cougars, coyotes, foxes, lynx, Mexican wolves, and wolverines, among others. [Click here for the full job description](#).

2. **Jobs with citizen organizations affiliated with the Western Organization of Resource Councils**
   Regional jobs that may be of interest for soon-to-be-grads:
   - Dakota Resource Council, [two Field Organizers](#), Bismarck, N.D.
   - Northern Plains Resource Council, [Political Organizer/Political Organizing Director](#), Helena
   - Northern Plains Resource Council, [Field Organizer](#), Billings or Helena, Mont.
   - Oregon Rural Action, [Executive Director](#), La Grande, Ore.
   - Powder River Basin Resource Council, [Community Organizer](#), Cheyenne, Wyoming area

3. **Wholesome Foods is seeking an Assistant Manager**
   Wholesome Foods is actively seeking an Assistant Manager. If interested in taking a leadership role on a diverse farm (in beautiful Red Lodge, MT), contact marguerite.jodry@gmail.com. Click [here](#) to read about the current Assistant Manager role.

4. **Want to work on Montana watersheds when you graduate?**
   Big Sky Watershed Corps is an AmeriCorps program for college graduates interested in watershed restoration and community based initiatives. Applicants are selectively placed with
conservation groups across the state to develop and implement projects which will benefit Montana’s watershed communities. More info here.

*Note* -- They are no longer accepting applications for the 2015 term of service, but keep this in mind for 2016.

**FUNDING SOURCES**

1. **Collaboration Challenge Research Grant** – apply by Dec. 12
   The Interdisciplinary Collaborative Network (ICN) at UM is offering two $1,000 research grants to graduate students conducting interdisciplinary work. Research must be led by a graduate student but may collaborate with another student, faculty member, or professional researcher. See the notice posted on the EVST Opportunities bulletin board by the bull pen for the application and instructions. For more info about the ICN at UM click here.

2. **Environmental Ed funds for supporting young people in STEM** – apply by Jan. 31
   The U.S. Army Engineer Research and Development Center (ERDC) seeks proposals under authority of the National Defense Education Act (1959) and under the Pre-Engineering Program (PEP) to stimulate young pupils in the sciences, technology, engineering and mathematics (STEM). Click here for details.

**HOUSING**

1. **Awesome Master bedroom/suite in Rattlesnake still available** – starting Dec. 1
   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
RESOURCES

1. **Guide to federal farm and food programs**
   The National Sustainable Agriculture Coalition has released its *2014 Grassroots Guide to Federal Farm and Food Programs*. This free, digital guide offers plain-language explanations of the dozens of federal programs and policies most important to sustainable agriculture and how farmers, ranchers, and grassroots organizations nationwide can access them.

2. **Toxipedia Toxic Topic podcasts and guide to indoor molds and their health effects**
   Mold is a big indoor health hazard & climate change is helping this southern problem to move north. Toxipedia is now hosting Texas Tech University's Reference Guide for Fungi! Explore fungalglossary.org for information on possible health effects from exposure to indoor molds.

   Toxipedia founder and director Steve Gilbert joined Toxic Free Talk Radio to speak about the health and environmental hazards of nuclear power plants. Click here to listen to this podcast and previous shows.

3. **Online Sustainability Assessment Now Available**
   The Missoula Sustainable Business Council (SBC)'s Strive Towards Sustainability (STS) workshop has gone digital! SBC members can login here & take the online self-assessment. (SBC has both business & individual memberships in case you want to join). STS Online will help you understand your current sustainability practices and those you can aspire to. Many of these can save money or improve the value you offer to employees and customers.

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MISCELLANEOUS ITEMS AND OTHER FUN EVENTS

1. **Funny video on serious subject – would you eat chicken if you knew the facts?**
   Food and Water Watch made this funny video earlier this year of a restaurant waitress describing how the chicken was raised and processed to a couple of customers. Yum? https://secure3.convio.net/fww/site/Advocacy;jsessionid=006F43AB60889356F97457989CC8E7D0.app331a?pagename=homepage&page=UserAction&id=1095&autologin=true

2. **Home Sweet Dumpster**
   Learn about the Dumpster Project of Austin TX: http://dumpsterproject.org/
   DUMPSTER= Developing Underutilized Methods for Promoting Sustainable, Transformative Education & Research.

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*This Newsline prepared by Vicki Watson and Kim Gilchrist. Please send any comments here.*