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GOOD NEWS ITEM
1. UM gets $3M grant to explore Food, Energy, Water ties.
EVST professor Neva Hassanein is part of a UM team that has been awarded nearly $3 million from the National Science Foundation to develop an innovative, interdisciplinary graduate training program focused on interactions among food, energy and water. The program, “UM BRIDGES: Bridging Divides across the Food, Energy and Water Nexus,” will combine new interdisciplinary course offerings, workshops and internships, international experiences and cutting-edge research to educate future leaders at the food-energy-water nexus and cement UM’s status as a leader in this realm. Read more: UM Team Lands $3M Grant to Explore Food, Energy, Water Ties.

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AROUND EVST
1. Make a difference with ENST 476 Environmental Citizenship this spring.
This upper division EVST class (also cross-listed with Climate Change Studies) provides an opportunity to develop valuable citizenship skills by working in small teams or as an entire class on projects to help UM achieve its climate change mitigation and other sustainability goals. For the projects, students learn about and use the principles and techniques of social marketing, an approach for fostering sustainability behaviors and decisions in your fellow citizens. Recent class projects include energy auditing for UM Athletics, raising funds to purchase carbon offsets, and evaluating sites for a new campus garden. Can count for undergrad or grad student EVST electives. Contact Robin Saha for more info at robin.saha@umontana.edu.

2. Teaching the Wild – Retired UM Professor Bob Ream.
Facing terminal cancer, retired UM professor Bob Ream reflects on a life inspiring students to speak up for wild places. EVST faculty, staff and students thank Bob for his long-term support of EVST and his life-long commitment to conservation & care for the earth. Read more about Bob in this Montana Wilderness Association tribute. Read more »

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FEATURED EVENT
UM’s Sustainability Office is seeking volunteers to help with a Waste Audit on Oct 26 from 11-3 on the Oval. Volunteers will sort UM trash – separating compostables, recyclables, and items that must go to the landfill. This will help UM see how far we have to go to get to our goal of Zero Waste. You can sign up to help for an hour or two or for as long as you are willing to help. If you are interested in helping with the audit, contact: casey.brandon@umconnect.umt.edu

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VOLUNTEER OPPORTUNITIES
Missoula Parks and Recreation Board seeks applicants to fill one volunteer position on the Conservation Lands Advisory Committee (CLAC.) CLAC is a subcommittee of the Parks and Recreation Board and is subject to all its rules and regulations. **Applications must be received by the Parks and Recreation Department by 5 p.m. on Wednesday, October 26, 2016.** More info here: Read on...

2. **Missoula Water Quality Advisory Council needs members, apply by Oct 28.**
   The Missoula Board of Health and Water Quality District plan to fill several vacancies on the Water Quality Advisory Council. The Council is a group of 20 scientists, technical specialists, citizens, and water users which advises the Board and Department on water quality throughout Missoula County. The volunteer positions are for a two-year term. The group meets on the second Tuesday of each month at 7 p.m., at the Missoula Health Department, second floor conference room, 301 W. Alder. The Tuesday, Nov. 8, meeting will be rescheduled due to Election Day. Of greatest interest are applicants with a background in water quality, wastewater treatment, chemistry, hydrogeology, microbiology, toxicology, aquatic ecology, soil science, and related fields, who represent water users OR who are very interested in water quality in Missoula County. Recently, the Council has addressed, storm water management, channel migration zone studies, cleanup of local Superfund sites, former pulp & lumber mills, sewers and septic systems, riparian area protection, local and state water regulations. To apply, EMAIL a letter of application stating your interest and background to pnielsen@missoulacounty.us BUT ADDRESSED to Ross Miller, Missoula Board of Health/Water Quality District Board, 301 W. Alder, Missoula MT 59802. **Applications should be submitted by 5 p.m. Friday, Oct. 28.**

3. **Help shape UM's strategic plan, Oct 25, Nov 2,3,4.**
   What direction would you like to see UM move? How would you measure progress? UM is currently updating its strategic plan which was last updated in 2011. President Engstrom has appointed a Strategic Planning Coordinating Council which has been working on the plan and is holding listening sessions at the Davidson Honors College on these dates: **Oct. 25, 12-1 pm, Nov. 2, 2-3 pm, Nov. 3, 4-5 pm, Nov. 4, 12-1 pm,** Consider adding your voice to the discussion. Learn more about UM’s strategic planning process here: umt.edu/strategy/. Submit ideas or vote and comment on ideas posted by others at neighborhood.com/montana.

4. **Watershed Education Network seeking volunteers and interns.**
   The Watershed Education Network (WEN) is seeking reliable volunteers and interns for the following tasks: 1) Communications: photography, blogging for our website and Face Book with event and school fieldtrip stories, videography, and bringing us your new ideas for keeping in touch with our friends, partners, and supporters; 2) Marketing: help with our Missoula Community Access Television (MCAT) video with editing and more; design or help WEN create new outreach materials such as brochures, flyers, and end of year summaries for our nonprofit organization; 3) Program Assistant: work with our Program Coordinator, Becca Paquette and the other interns to develop curriculum, participate on fieldtrips, class presentations, and events. Must have some weekday availability with school hours and after school hours open. 4) Data entry projects: (Winter project) we enter our stream monitoring data into a database and can use your help. 5) Grant research and grant assistance: help us uncover new funding sources and work with our grant projects. To learn more, please visit our website or Facebook. If you are interested in working with us, please email water@montanawatershed.org or call our office,
(406) 541-9287 – since we are out in the field often, please leave a message so we can get back in touch.

EDUCATIONAL OPPORTUNITIES

1. **The UM Political Science Dept. is offering faculty panel on the 2016 Presidential Election.**
   The UM Political Science Department is offering a faculty panel on the 2016 Presidential Election. **Tues 10/25** – Domestic Issues • Christopher Muste -- Pre-election polling, electoral college • Jeff Greene -- The economy & the election • Lee Banville -- Media coverage & ‘post-truth’ politics • Anthony Johnstone – Legal implications (Supreme Court, civil rights, etc.)
   **WHEN/WHERE:** Both events run from 7:00-8:30 and will be held at the UC Theatre.

2. **UM Air & Waste Management Association meeting, Oct 24.**
   Presentation on the cleanup of the Frenchtown pulp mill superfund site. All welcome. **WHEN:** Oct 24, 3-4 pm; **WHERE:** UM Skaggs building, room 275.

3. **Secrets to Great Hiking in the Northern Rockies, Oct 25.**
   Zack Porter of the Montana Wilderness Association shares his experience with hiking Montana's wildlands and some new tools and resources that will help make your next trip a breeze. For more information, contact Daphne Herling at daphne.herling@business.umt.edu or at 406-531-8347 **WHEN:** Tuesday, October 25, 7 – 8:15 pm **WHERE:** Missoula Public Library

4. **Film on seeking justice/opposing hate at UM, Oct 25.**
   *Defying the Nazis,* a film by Ken Burns based on a true story, will be screened free at UM on Oct 25. The true story of a minister couple who entered Nazi territory to help those fleeing. Sponsored by MT Human Rights Network, SALAM, Msl Unitarians, Emmaus Campus Ministry & Rankin Peace Center. **WHEN:** Oct 25 at 7pm **WHERE:** Urey Underground Lecture Hall, UM

5. **UM Students for Peace & Justice invite you to potluck & film, Oct 26.**
   UM Students for Peace & Justice formed as the US invaded Iraq in 2003. Since then they have worked on peace & justice issues by sponsoring a Peace & Justice Film Series and by co-sponsoring related events of other groups. SPJ is kicking off their fall program with a potluck, short film & discussion on Oct 26. Everyone is welcome to attend. Here’s the invitation: As we make this seasonal transition, let us not forget all the changes taking place in our world, politically, socially and environmentally. This is an exciting and challenging time of transformation, and we are on the cusp of monumental changes. However, we all need group support and discussion to successfully respond to the challenges we face while reaching for a better future. That’s why the UM Students for Peace and Justice would like to invite you to our **Open Conversation Potluck.** Bring a friend or a dish to share or just bring yourself and your ideas. **For more info, contact Kat** **WHEN/WHERE:** Wednesday October 26 from 5-7 pm in UC 216 – You can also join their regular Monday meetings from 3-4pm in UC 244.

6. **Regulating Population Dynamics in the Anthropocene, Oct 26.**
   A seminar by Nathan Senner of UM. **When:** Oct 26, Noon to 12:50 pm **Where:** (ISB) 110

7. **Cross-Cultural Comparisons of NGO Best Practices: Southeast Asia to Montana, Oct 26.**
Southeast Asian non-profit leaders share their experiences with grassroots NGO work in the Lower Mekong region, comparing their best practices with lessons learned from non-profits in Montana as part of their experiences with the Young Southeast Asian Leaders Initiative Professional Fellows program on Civil Society Development. **WHEN:** Wednesday, October 26, 12:00 - 12:50 pm  **WHERE:** Liberal Arts room 103B, UM

8. **Using Drones in Ecological Research (webinar), Oct 27.**
Changes in regulation of use of drones for research has made their use much more feasible. The Ecological Society of American offers a FREE webinar on how to implement the new rules for research. Space is limited, so please register early to guarantee a spot. Register to attend the webinar: Email Alison Mize, director of public affairs, with any questions. Alison@esa.org  **WHEN:** Oct 27, noon, mountain time.

9. **Health and Climate Summit, Oct 28.**
Climate Smart Missoula has organized a summit, designed to enhance our community’s ability to understand, prepare for, and respond to health issues and changing climatic conditions – to build a healthier, more equitable, and stronger community. Link to Learn more about the event, panel, and table discussions. Space is limited, RSVPs required, email Amy today.

Ecology of recovering Amur tiger population in Northeast China - A talk by Wenhong Xaio  **WHEN:** Friday, October 28 at 1:00PM  **WHERE:** Forestry 206.

11. **UM Biology is interviewing Stream Ecologist candidates for a position at UM, hear them speak.**
**Colden Baxter** - Idaho State - **Mon Oct 31,** 12:00 - 12:50 pm UC 330-331 - **Walter Dodds** - Kansas State - **Thurs Nov 3,** 12:00 - 12:50 pm (UH) 210 - **Bob Hall** - U Wyoming - **Mon Nov 14,** 12:00 - 12:50 pm UC 330-331

12. **EVST Visiting Writer Chris Dombrowski - Spring 2017 - ENST 594.**
Chris Dombrowski is the award-winning author of 2 books of poetry, and has published creative nonfiction in *Orion* and *The Sun,* among other journals. About his 2016 nonfiction book, *Body of Water* (Milkweed), Jim Harrison said, “A brilliant book. Destined to become a classic.” – For more information on this course contact phil.condon@mso.umt.edu or 243-2904. Flyer attached

**JOBS and Internships** *(local or summer jobs; for full time jobs around the US, subscribe to the envirojobs list serv by emailing vicki.watson@umontana.edu)*

1. **Field-based environmental education jobs in Yellowstone Park, apply by Oct 28.**
Ecology Project International (EPI) is hiring instructors & interns to teach field-based science/conservation/environmental educational programs for middle and high school students. We are currently hiring for the winter and summer Yellowstone wildlife ecology programs. EPI is an international non-profit organization dedicated to addressing critical conservation issues through field-based partnerships between local experts and high school students. More info at [www.ecologyproject.org](http://www.ecologyproject.org). Field instructors teach ecology and science lessons, guide students
in conducting research as they work alongside scientists, transport students between field sites, adhere to rigorous risk management protocols, lead students in leadership activities/games, mentor field interns, help lead students in meal prep, and complete necessary course paperwork. **Field interns**, as a member of a three-person field team, guide students in the preparation of field meals, maintain EPI field equipment, transport students, lead students in leadership activities/games, and support field instructors in conducting courses. As the internship progresses, interns will be called upon to provide relevant ecology and science lessons to students. **Schedule and Location:** The Yellowstone wildlife ecology program runs January through August 2017 and is divided into two work seasons, winter and summer. The winter season runs January through mid-April and the summer season runs from May to August. Instructors & interns will work about 90 field days over the course of both seasons, not including two mandatory, unpaid training sessions (room & board provided) in early January and early May. **Applications will be accepted through October 28.** For a complete job announcement and to access the application, visit [http://www.ecologyproject.org/about/jobs/](http://www.ecologyproject.org/about/jobs/).

2. **Montana Audubon is hiring a legislative assistant, apply by Oct 31.**
Montana Audubon is currently accepting applications for a legislative assistant for the 2017 Montana Legislative session! Come join our us as we take to the halls of the Montana Capitol to defend wildlife, wildlife habitat, and the clean air and water we all depend on. Use science-based information and a grassroots conservation network to tackle policy issues head on! [For a full job description visit us online here.](http://www.ecologyproject.org/about/jobs/). The **deadline to apply is October 31st, 2016.**

3. **ASUM Hiring Active and Sustainable Transportation Ambassadors.**
We are still looking to hire a few more Active & Sustainable Transportation Ambassadors. More at [http://www.umt.edu/asum/asum_agencies/Transportation/about/employment/default.php](http://www.umt.edu/asum/asum_agencies/Transportation/about/employment/default.php)

4. **8 Conservation Jobs in Montana.**
- Seasonal Field Instructor, Ecology Project International, Due 10/28 [Details](http://www.umt.edu/asum/asum_agencies/Transportation/about/employment/default.php)
- Seasonal Paid Intern, Ecology Project International, Due 10/28 [Details](http://www.umt.edu/asum/asum_agencies/Transportation/about/employment/default.php)
- Membership Program Manager, American Prairie Reserve [Details](http://www.umt.edu/asum/asum_agencies/Transportation/about/employment/default.php)
- Reserve Land Manager, American Prairie Reserve [Details](http://www.umt.edu/asum/asum_agencies/Transportation/about/employment/default.php)
- Climate Change Coordinator, Confederated Salish & Kootenai Tribes. [Details](http://www.umt.edu/asum/asum_agencies/Transportation/about/employment/default.php)
- Reposted! Executive Director, Big Hole River Foundation, Due 11/7 [Details](http://www.umt.edu/asum/asum_agencies/Transportation/about/employment/default.php)
- Western Organization of Resource Councils, Due 11/1 [Details](http://www.umt.edu/asum/asum_agencies/Transportation/about/employment/default.php)
- Executive Director, Glacier-Two Medicine Alliance [Details](http://www.umt.edu/asum/asum_agencies/Transportation/about/employment/default.php)

5. **2017 Farming Apprenticeships (March 1-Nov 1) at Oz Farm & Retreat Center, CA; apply by Dec 1.**
Oz Farm and Retreat Center is hidden in a quiet, private valley on one of the most pristine stretches of the scenic Mendocino County coast, 130 miles north of San Francisco. Bordered with redwood forest, and with the Garcia River running through its 240 acres, Oz Farm is blessed with tranquility, fresh air and clear water. Oz Farm is 'off-the-grid', using solar and wind power for all its operations. For over 50 years, Oz has changed and grown from a commune to an organic farm and retreat facility. One of Oz Farm’s core missions is to educate and train a new generation of sustainable farmers. Our apprenticeship program provides space for humans to live healthier lives while contributing to our local food system. Pay includes housing, food and a
stipend. Full description of this opportunity and application instructions are here http://www.ozfarm.com/apply-2017

The U.S. Department of Homeland Security (DHS) Science and Technology Directorate Office of University Programs sponsors a 10-week summer internship program for students majoring in homeland security related science, technology, engineering and mathematics (HS-STEM) disciplines. The program provides students with quality research experiences at federal research facilities located across the country and allows students the opportunity to establish connections with DHS professionals. It is open to undergraduate and graduate students in a broad spectrum of HS-STEM disciplines and DHS mission-relevant Research Areas. Areas of research: Engineering, computer science, mathematics, physics, chemistry, biological / life sciences, environmental science, emergency and incident management, social sciences, and more. U.S. citizenship required. Undergrads receive a $6,000 stipend plus travel expenses. Grad students receive a $7,000 stipend plus travel expenses. **Application deadline: December 7, 2016, 11:59PM EST.** Submit Applications and supporting materials at [https://www.zintellect.com/Posting/Details/2595](https://www.zintellect.com/Posting/Details/2595) Program Information: Detailed information about the internships can be found at [http://www.orau.gov/dhseducation/internships/](http://www.orau.gov/dhseducation/internships/) For questions please email us at dhsed@orau.org<mailto:dhsed@orau.org>.

7. **DOE Scholars Internship Program**, apply by Dec 15.
Scientific research conducted through the U.S. Department of Energy (DOE) supports an improved quality of life for all Americans. With a mission focused on discovering solutions to power and to secure America’s future, DOE is committed to: Energy security; Nuclear security; Scientific discovery and innovation; Environmental responsibility. What is the DOE Scholars Program? The DOE Scholars Program offers unique opportunities that introduce students or post-graduates to the agency’s mission and operations. Participants in the DOE Scholars Program gain a competitive edge as they apply their education, talent and skills in a variety of scientific research settings within the DOE complex. Appointments are available for a variety of disciplines at participating DOE facilities nationwide. A stipend is provided to interns. For information and to apply click here. [https://www.zintellect.com/Posting/Details/2646](https://www.zintellect.com/Posting/Details/2646).

The Anthony A. Lapham River Conservation Fellowship at American Rivers provides an excellent professional development opportunity for talented post-graduates pursuing careers as leaders in the field of conservation advocacy. Recent graduate degree (MA/MS/PhD/JD/MBA) recipients will focus on an applied research project that will make a tangible contribution to American Rivers’ mission. Working with a team of professional staff, the Fellow will apply practical research and advocacy skills and develop a network of professional contacts in their field of expertise. The Fellow will be an integral part of a dynamic organization comprised of experienced conservationists and emerging leaders, and will participate in a range of river conservation activities. Full info at: [https://www.americanrivers.org/about-us/careers/open-position-lapham-river-conservation-fellow](https://www.americanrivers.org/about-us/careers/open-position-lapham-river-conservation-fellow)
FUNDING

1. Yellowstone to Yukon Initiative Funding, apply by Nov 6th.
   The Yellowstone to Yukon Conservation Initiative is pleased to announce the Y2Y Sarah Baker Memorial Fund and the opportunity to apply for up to $5,000 to support an experiential learning opportunity for students in Canadian and U.S. post-secondary institutions. Applicants will be able to request funding to work on projects that help advance Y2Y’s mission and vision. Successful applicants will be announced mid November 2016. Please note: The student is attending a post-secondary institution in Canada and the United States, and has chosen a field of study in resource conservation management, environmental sciences, wildlife biology or similar AND The identified project will advance Y2Y’s conservation strategy and will create tangible conservation outcomes in the Yellowstone to Yukon region. Applications are due Nov 6th. Contact: ellen@y2y.net Flyer attached.

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MISCELLANEOUS

   Friday, October 28th, WEN is hosting a Fall, family-friendly Open House from 4-7 pm. Join us for a 'meet and greet" at our new office, 802 East Front Street (white house with gray and maroon trim). We hope you will come mingle with the WEN staff, board members, interns, volunteers, and partners. Enjoy snacks, adult beverages, apple cider and crafts for kids. We'll have live aquatic insects, rock painting, dragonfly decorating, and much more. Halloween costumes encouraged! Come celebrate the fall season with us!

2. Trick-or-Treat so Missoula Eats, Oct 31.
   Join UM Honors Student Association on Halloween to “trick-or-treat” for non-perishable goods in the University District to support the Missoula Food Bank! Wintertime presents extra difficulties for Missoulians using the food bank, so this effort supports local food security. Last year, volunteers collected over 2,000 lbs. of food, and we need your help to raise that number even higher! This is a fun event so costumes encouraged (not required). Pizza party for volunteers. Invite your friends or form a group with another UM student club. Any questions? Contact uofmhsa@gmail.com. RSVP to the Facebook event: “Trick or Treat so Missoula Eats 2016” or uofmhsa@gmail.com! WHEN & WHERE to MEET: Mon Oct 31, 4:30 pm, DHC Lounge.

3. Remembering the extraordinary citizen leadership of Elouise Cobell, Nov 5.
   Saturday, November 5 is Elouise Cobell Day. Commemoration events will commence at UM at 7:30 a.m. with a public sunrise ceremony. The film, 100 Years: One Woman’s Fight for Justice, directed by Melinda Janko will be screened at 11 a.m. in the UC Theater. Free. In 1996, Elouise Cobell filed the largest class action lawsuit ever filed against the U.S. Government for the mismanagement of billions of dollars held in Trust for 300,000 Native Americans. For 15 years and three Presidential administrations she fought for justice. This film captures the story of how she prevailed.
4. **Mount Jumbo 20th birthday celebration and fun run, Nov 5.**
   This year is the 20th anniversary of the protection of Mount Jumbo. Celebrate your love of Missoula's iconic mountain by taking part in [Run Wild Missoula](https://runwildmissoula.com)’s Elk Ramble 15k race! Running not your thing? Come eat cake and cheer on the runners instead! Welcome the wildlife herds back to Jumbo and enjoy some anniversary cake as we celebrate the mountain we love. Cake will be served at 11:30. The race is capped at 300 participants. [Sign up today](https://runwildmissoula.com/register)! **WHEN:** Sat Nov 5th 10:00am  **WHERE:** Lincoln Hills Drive Soccer Fields, Missoula.

5. **40th Annual Wildlife Film Festival Submission time, Nov 18.**
   The International Wildlife Film Festival is the longest running wildlife film festival in the world. Filmmakers and attendees flock to the Roxy Theater in Missoula, Montana once a year to celebrate films that highlight our interaction with nature. A week-long event held every spring in the heart of the magnificent Northern Rockies, IWFF steadies its aim at developing vital, proactive projects that will impact the fate and future of our planet through the use of media. Wildlife conservation is a key component and the focus of the annual IWFF. Our programming recognizes outstanding quality in films about the natural world, from environmental and conservation films to issue-driven explorations of earth and its inhabitants. **SUBMIT NOW.** [EARLYBIRD DEADLINE NOV 18](https://iwff.org/submissions-calls-for-films/), **REGULAR DEADLINE JAN 6.**
   Submit your film entry here.

6. **Celebrate with Climate Smart Missoula, Dec 1.**
   2016 marks the first full year of Climate Smart Missoula. Celebrate with them at [Imagine Nation Brewing](https://imaginebrewing.com). **WHEN:** Dec 1 from 5 pm til closing. **WHERE:** Imagine Nation Brewing, 1151 W Broadway St. **ALSO** Solarize Missoula Round 2 - The first year of Solarize Missoula was such a success that Climate Smart Missoula is working to launch Round 2. Information on this program, tentative workshop dates, and more are at: [solarizemissoula.org](http://solarizemissoula.org).

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*This Newsline prepared by Vicki Watson and Laura Zanolli. Please send any comments [here](mailto:vicki.watson@missoula.org).*