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GOOD NEWS ITEM
1. Our best shot at cooling the planet is right under our feet -- rebuild the soil!
   A study published recently by the US National Academy of Sciences claims that regenerative farming can sequester 3% of our global carbon emissions. An article in Science suggests it could be up to 15%. And new research from the Rodale Institute in Pennsylvania, although not yet peer-reviewed, says sequestration rates could be as high as 40%. The same report argues that if we apply regenerative techniques to the world's pastureland as well, we could capture more than 100% of global emissions. In other words, regenerative farming may be our best shot at actually cooling the planet. Read the full article at:

2. Missoula’s Urban Forest saves money for more trees with a new technique.
   Missoula’s Urban Forest program has a new Urban Forest gravel bed where bare-rooted trees are stored for 3-6 months to build up their roots before planting. Bare rooted trees are much cheaper than trees in containers, so the limited budget can buy more trees and more different kinds of trees. The tree planting can also be handled by volunteers since the trees are lighter. Read more about Missoula’s Urban Forestry plans here. The Urban Forestry Division offers Cost Share Tree Planting and Memorial Tree programs. More info at http://www.ci.missoula.mt.us/234/Plant-a-Tree To learn more about Trees for Missoula, visit http://treesformissoula.org/

3. UM Offers New Ph.D. Program in Public, Community Health Sciences.
   UM has established a new Ph.D. program that will train highly qualified public health specialists. The degree will be offered by UM’s School of Public and Community Health Sciences. “This degree capitalizes on the existing certificate and master’s level degree programs offered at UM and responds to the need for highly qualified public health specialists in the state,” said Tony Ward, chair of the School of Public and Community Health Sciences. “This program also meets the workforce needs of a public health field that is rapidly growing nationally and globally.” Note, this field includes environmental public health.
AROUND EVST

1. EVST prof’s Environmental Justice research and activism have made a difference! Check out the article on EVST professor Robin Saha in the Missoula Independent. The article describes how Robin’s environmental justice research and activism have improved lives in places as far flung as Flint, MI, Browning MT and Opportunity MT. The positive change Robin has brought about has been recognized through a national award he received. The Thomas Ehrlich Civically Engaged Faculty Award comes from Campus Compact, a national nonprofit network of more than 1,000 universities and colleges. This is the first time a Montana faculty member has received the award. Way to go, Robin! http://missoulanews.bigskypress.com/missoula/um/Content?oid=3177619

FEATURED EVENT

1. Distinguished Water Law/Policy speaker at UM on Oct 19 & 20. Anne Castle, senior fellow at the Getches-Wilkinson Center for Natural Resources, Energy, and the Environment at the University of Colorado, focusing on western water issues will give two free public talks on the UM campus. Oct 19 from 1 to 2:40 in Law 203, she will speak on: Water law and policy issues she worked on as Asst. Secretary for Water and Science at the US Dept. of the Interior, such as the Columbia River Treaty, Yakima Basin Integrated Plan, Republican River litigation (CO, NE, KS), and Colorado River issues. Additionally, she will discuss her current work on the Colorado River, including crafting a workable water bank, assured water supply, and integrated land use and water planning. Oct 20 at noon in Law 201, she will speak on: The Law of the Colorado River: Scarcity Sparks Innovation.” From 2009 to 2014, Castle was Assistant Secretary for Water and Science at the U.S. Department of the Interior where she oversaw water and science policy for the Department and had responsibility for the U.S. Bureau of Reclamation and the U.S. Geological Survey. More here.

VOLUNTEER OPPORTUNITIES

1. UM Recycling Oversight Committee meetings, Oct 19, Nov 16, Dec 7. The UM Recycling Oversight Committee is charged with overseeing the operation of the UM Recycling program. Encouraging maximum efficiency, suggesting new initiatives, and providing education & outreach to the UM community. The ROC meets monthly, and could use some new student members. If you are interested. Here are the meeting times/places. Wed Oct 19, noon to 1pm in UC 216, Wed Nov 16, noon to 1pm in UC 224, and Wed Dec 7, noon to 1pm in UC 215. For more information, contact co-chairs Vicki Watson or Edi Stan.

2. Help shape the future of transportation in Missoula, Oct 20. There will be a Transportation Summit on Oct 20. Activate Missoula is the update to Missoula’s 30-year Long Range Transportation Plan. Please join the Missoula Metropolitan Planning Organization for the 3rd and final Activate Missoula Transportation Summit where we invite you to visit our Open House, tour the interactive stations, and tell us which of the future transportation system alternatives we’ve developed is your favorite. Also take a peek at our proposed plan to create a city-wide bicycle network. Talk with staff and other visitors about your ideas and help shape our transportation future. Coffee and snacks provided. WHEN:
Thursday, October 20th, from 5:00 to 7:30 pm  **WHERE:** Missoula City Council Chambers, 140 W. Pine Street

3. **Help with UM’s Waste Audit, Oct 26.**  
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

4. **Volunteer for Cameron Creek Restoration.**  
BRWF needs your help to get things done for clean water before winter arrives! Help us complete another round of willow cutting and restoration work by volunteering for the following dates! **Saturday, October 29th - 9:00 am - 4:00 pm and/or Wednesday, November 2nd - 9:00 am - 4:00 pm**  
We will be placing willow fascine structures, coir wattles, and additional willow cuttings into existing projects on Cameron Creek. **What to Bring:** Work Gloves - Closed toed shoes such as hiking/work boots - Waders if you have them - Extra tools that you may be able to provide (hammers, shovels, cutters, etc.) - Water and lunch (BRWF will provide lunch on Saturday 10/29) **Carpooling** - Meet at the Safeway in Hamilton, MT at 9:00 am to carpool. **Working Conditions:** Will be outside, walking over uneven terrain, long periods of standing, bending, lifting, reaching, and some digging. If you would like to volunteer for one or multiple of these days please email stephanie.brwf@gmail.com with your name, email, phone number, and if you are able to use your car to carpool.

5. **2016 Rapid-Fire Research and Creative Scholarship Student Networking Symposium.**  
This event will give you the perfect opportunity to connect with undergraduate students who can assist you in your projects or labs. They need experience, and you need an extra set of hands. They’re looking for guidance in navigating the world of academia, and you’re looking for a fresh perspective on your work. It’s a match made in heaven. To register, and for more information, please visit the Rapid-Fire webpage. The event will take place on **Monday, November 7th from 12:00 p.m. to 1:30 p.m. in UC 326.** Registration closes November 2nd.

6. **Missoula Speech and Debate Tournament Judges Needed, Nov 11-12.**  
The Missoula Speech and Debate tournament will be held November 11th and 12th and will include all 14 AA high schools as well as some more local ABC division schools. Judges are needed. The tournament will be held in two locations to accommodate all of our competitors. All speech events will be at Big Sky High School; all debate events will be at Sentinel High School. Rounds will run Friday afternoon and all day Saturday. The judge sign-up sheet shows specific times. If you would be so kind as to be a judge, please click the following link: [Sign up here.](#) Note: the students will be debating current topics of interest, and often environmental issues are involved.

7. **Missoula Community Food Co-Op needs your help.**
This co-op, attached to the Burns St. Bistro at 1500 Burns St. on Missoula’s North Side, works to promote economic, social and environmental justice by access to affordable, local, healthy food year-round. Participation and sales have been down and we need to change this to keep this great place in operation. Buy your groceries at the co-op. Become an owner and work a cashiering or stocking shift. The co-op is open to everyone and even participates in the Double Snap Dollars program. This month of October is most important in the co-op’s future. Be an activist in your local food system and promote economic health by supporting and/or participating in ownership of Missoula’s local food hub today. More info at: http://missoulafoodcoop.com/

8. Help Red Lodge High School Harvest the Wind, vote for their project in October.
Red Lodge High School in Red Lodge, MT, has an incredible opportunity to win a $100,000 grant from Farmer’s Insurance Dream Big Teacher Challenge to put a windmill on their campus. Anyone can vote and you can vote every day through the month of October. There is more info on WHERE YOU VOTE, including a video on each school’s project.

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EDUCATIONAL OPPORTUNITIES

Join us for a free panel discussion featuring Blackfeet Tribal members speaking about the Badger-Two Medicine area of the Rocky Mountain Front and the efforts of the Blackfeet and others to protect this sacred and wild area from oil and gas development. Hosted by the UM Native American Studies program, the event will feature scenes from the new documentary film “Our Last Refuge,” about the Badger and the fight save it. Contact Casey Perkins at (406) 466-2600 or cperkins@wildmontana.org. When: Tuesday, October 18, 6:30 – 8 p.m. Where: Payne Family Native American Center Room 105.

2. UM Strategic Planning meeting, Oct 18.
Join President Royce C. Engstrom for the first University Council meeting of the fall semester on Tuesday, October 18 from 2-3 p.m. in UC #326-327. Dean Brock Tessman will provide an update on the Strategic Planning Process.

3. The UM Political Science Dept. is offering two faculty panels on the 2016 Presidential Election.
The UM Political Science Department is offering two faculty panels on the 2016 Presidential Election. Tues 10/18 – Foreign Policy - • Karen Ruth Adams – US power and role in the world • Abhishek Chatterjee – Trade/economic policies • Anna Conley – US compliance with international law • Brock Tessman -- Risk propensity & foreign policy - 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. For more information, see attached flyer.

4. MT Wetland Council meeting in Helena, Oct 19.
The Oct 19 MT Wetland Council meeting will focus on Invasive species management in MT wetlands (saltcedar, Eurasian watermilfoil) and also on pesticide use. The public is invited. More
5. **Sustainable Agriculture & Weed Management webinar, Oct 19**
Dr. Fabian Menalled, of MSU Environmental Sciences presents FOR EVERY COMPLEX (AGRICULTURAL) PROBLEM, THERE IS AN ANSWER THAT IS CLEAR, SIMPLE, AND WRONG - Dr. Menalled’s research focuses on understanding the ecological basis of sustainable agriculture and the integrated management of weeds. His program embraces a multi-disciplinary approach to address both basic and applied problems facing the agricultural communities of Montana. The knowledge generated in these studies has direct importance to Montana’s agriculture as it helps in the design of sustainable weed management programs. **WHEN:** 12pm, Wed. Oct 19, 2016  
**WHERE:** Watch live screencast [https://zoom.us/j/283795654](https://zoom.us/j/283795654)

6. **Tour of Missoula wastewater treatment system, Oct 19.**
Missoula’s wastewater treatment system is held up as a model of innovation across the US. The system includes a state of the art Biological Nutrient Removal system, and is coupled with an industrial composting facility (Ekocompost), and a land application system that is growing poplar trees for harvest. Note that Ekocompost was started decades ago by an EVST alum, and the popular plantation is also run by EVST alums. **UM vans will depart from UM’s tennis courts parking lot at 2pm on Oct 19,** arrive at wastewater treatment plant about 2:15. Tour will end around 5:15 pm. On the return trip to UM, some vans may stop at River Road gardens for the veggie sale if van riders wish. Space in UM vans goes first to EVST classes that paid field trip fees. If there is additional space in the vans, other UM students may hop in the vans. You can also arrange your own transportation & meet us at the wastewater plant at about 2:15. For more info email [Vicki Watson](mailto:VickiWatson@wetlands.mt.gov).

7. **Help weed elk range, Oct 19 & 21.**
Local wildlife conservationists will be weeding elk range on National Wildlife Federation property this Wed & Friday. If you would like to help, contact Bert Lindler at blindler@montana.com or 406-317-1183. This will involve covering a good bit of steep ground.

8. **The Fabric of Community – Housing and Hunger, Oct 20,**
The Fabric of Community – Housing and Hunger, *How these issues intersect* is a lunchtime conversation with Andrea Davis, Homewood’s Executive Director featuring Jessica Allred of the Missoula Food Bank. RSVP by October 17 to Erin at [erin@homeword.org](mailto:erin@homeword.org) or 406.532.4663 ext. 10  
**When:** October 20, 11:30 – 1:00  
**Where:** Homewood’s Home Ownership Center at 1535 Liberty Lane, Suite 110, Missoula.

9. **The Public Trust in Montana’s Elections, Oct 20.**
Jon Motl, MT’s Commission of Political Practices will speak on "The Public Trust in Montana's Elections: Individual Meets Community,"  
**WHEN:** October 20, from 7 to 9 pm  
**WHERE:** Gallagher Business Building, room 106.
Missoula County Extension Office offers ‘Lunch & Learn Series’ and the next is Fruit Leather/Local Apples – make and take. Materials & light snacks provided. Quick & Easy. Cost is $12, More info is available at 406-258-4206 and Online signup www.missoulaeduplace.org
WHEN: Oct 20, 12:00 to 1:00 pm WHERE: 2825 Santa Fe Court

11. Soil Health Workshops - Several Locations - Missoula, October 25.
Soil and Water Conservation Districts of Montana and Natural Resources Conservation Service are hosting several Soil Health Workshops this October and in January 2017. The Missoula workshop will feature beef-forage systems researcher and owner of American Grazing Lands Services Jim Gerrish. Visit SWCDM for more on the workshop and registration, plus additional dates and locations. WHEN: Oct 25 at 9am

Visit MPG Ranch to learn about our current wildlife conservation projects and long-term goals. Driving tour is limited to accessible roads and by weather. Plan to spend some time walking and dress for the weather. The tour is limited to 6 participants. Please contact us to register. We will reply with directions. Contact Joshua Lisbon to register or with any questions at: jlisbon@mpgranch.com or 406-396-6285. WHEN: Oct 27 from 1pm to 3:30pm WHERE: MPG Ranch is in the Bitterroot Valley near Lolo.

The UM Environmental Studies Program (EVST) will offer an Environmental Leadership Series (ELS) in Spring 2017. The ELS will include four or five professional-development workshops specifically designed for our graduate students and led by professional trainers. Possible topics for this spring are: (1) being an environmental professional: options and strategies for landing the job you want; (2) basics of grant writing; (3) using the media to get your message out; (4) introduction to facilitation and group process; (5) expectations of boards of directors for non-profit organizations; (6) successful cross-cultural alliances; (7) effective program evaluation and measuring success; and (8) citizen lobbying at the Montana State Legislature. Interested students are advised to enroll in ENST 595 CRN 34203 for one credit (one or two other graduate courses might require participation). Requirements will include attendance at the workshops, as well as some short reflective writing. A detailed schedule and description will be available by the start of spring semester. We will aim to hold these workshops on Friday afternoons. EVST is tremendously grateful to the Brainerd Foundation and the Wiancko Charitable Foundation for the financial support that makes these tailored, intensive opportunities possible. Faculty Contact for this course is Neva Hassanein.

14. UM GIS certificate Spring courses.
UM offers a GIS certificate and the following spring courses can be applied towards the certificate
FORS 250 Intro to GIS
GPHY 284 Intro to GIS & cartography
FORS 350 Forestry applications of GIS
UM Big Data certificate Spring courses.
UM offers a Big Data certificate and the following spring courses can be applied to that certificate.

- BMIS 326  Data Analytics
- BMIS 465  Real-Time Data Analytics
- BMIS 482  Big Data Project
- M 462    Theoretical Big Data Analysis
- M 467    Big Data Analytic Projects
- CSCI 464  Applications Mining Big Data
- CSCI 564  Applications Mining Big Data
- BMKT 680 Big Data and Innovation

Hear how a UM prof developed and commercialized chemical sensors now being used to study global carbon cycle and ocean acidification. WHEN: Tuesday, Oct 18 at 5pm WHERE: UM’s Turner Hall – Dell Brown room.

Land-Water Interactions Seminar, Oct 20.
Land-Water Interactions: From Genes to Ecosystems to Microbial Metagenomics -- A talk by Carri Leroy of Evergreen State College who is interviewing for a stream ecology position here at UM. WHEN: Thursday, October 20 noon to 12:50 pm WHERE: University Hall (UH) 210.

Scholarship on Indigenous Agriculture: Crimes of Incompetence and Bias, Oct 20.
Jane Mt. Pleasant, associate professor in the Horticulture Section of School of Integrative Plant Science at Cornell University, studies indigenous cropping systems and their productivity. Using her expertise in agricultural science, she examines agriculture from a multi-disciplinary perspective that includes history, archeology, paleobotany, and cultural/social anthropology. Although much of her work has focused on Haudenosaunee agriculture in the 16th through 18th centuries, more recently she has expanded her research to include pre-Columbian agriculture in eastern and central North America. Mt. Pleasant is of Tuscarora ancestry. "Archaeologists, anthropologists and historians who study indigenous agriculture in North America consistently and thoroughly bungle it. Scholars with no knowledge themselves about how to grow plants for food write authoritatively about Native American farmers growing crops hundreds, or even thousands of years ago," says Mt. Pleasant. "They get almost every part of it wrong." In this talk Dr. Mt. Pleasant identifies the sources and impacts of this flawed scholarship to suggest ways that other researchers can respond to and address these issues. WHEN/WHERE: Thursday, October 20th, 2016, NAC 105, 12:30 - 1:50 see attached flyer.
**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. Legislative Assistant for the 2017 Montana Legislative Session, apply by Oct 21
   The Montana Environmental Information Center (MEIC) is a non-profit environmental advocate founded in 1973 by Montanans concerned with protecting and restoring Montana’s environment. For over 40 years, MEIC has worked on a broad range of statewide environmental and “good government” issues, including global warming, coal development, renewable energy, energy efficiency, air pollution, hardrock mining, water quality, land use, corporate reform, and constitutional protections like the right to a clean and healthful environment and freedom of information. A full job description is available [here](#). Deadline for applications is October 21.

   Seasonal workers make from $13 to $16/hr (& higher for night shifts). Workers needed from mid Nov to early January – up to 6 days a week. Full job [description](#) and [application](#) available.

   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/).

4. 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**. The deadline to apply is October 31st, 2016.
5. **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](https://www.zintellect.com/Posting/Details/2646) nationwide. A stipend is provided to interns. For information and to apply click [here](https://www.zintellect.com/Posting/Details/2646).

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**FUNDING**
1. Nothing for this week’s Newsline.

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**MISCELLANEOUS**
1. **Veggie Fire Sale Oct 19 & 20.**
   Garden City Harvest - Stock up on storage quantities of cured onions, squash, garlic, tomatoes, peppers, and much more. Get as much or as little as you want. Take home a taste of summer to last you the whole winter through.
   **When:** October 19 and 20, 2 to 6:30 pm  **Where:** River Road Farm, 1657 River Rd.

2. **Fall Family Fest in McCormick Park, Oct 22.**
   Missoula Parks and Recreation invites kids and their families to the 16th Annual Fall Family Fest and Kaboom! Play Day on **October 22 at McCormick Park, from 1 p.m. to 4 p.m.** Full details at [http://www.ci.missoula.mt.us/CivicAlerts.aspx?AID=1713](http://www.ci.missoula.mt.us/CivicAlerts.aspx?AID=1713)

3. **UM FLAT chickens need a good home for winter.**
   The **UM FLAT** is hoping to raise money for a new chicken coop! Our ladies are currently ill equipped for the long winter ahead. We hope to have their home built by November 6, which means materials, partnerships and designs need to be secured by **October 23**, which also falls on the same date as our annual Harvest Party (details to follow). If you like to contribute towards a happy home for our hens visit us [here](https://www.zintellect.com/Posting/Details/2646).

4. **‘World’s Largest Garage Sale’ Oct. 22, at UM.**
   Buyers & sellers are invited to UM for the “World’s Largest Garage Sale” from 9 a.m. to 1:30 p.m. Saturday, Oct. 22, in the UM Parking Garage (next to Mansfield Library). Vendors can rent two parking spaces for $25 and additional spaces for $10 each. Each parking space is 9 feet by 18 feet. Vendor setup begins at 7:30 a.m. Vendor registration forms are available at The Source in the University Center. More info at 406-243-5874 or email advocates@mso.umt.edu. Put that stuff to creative reuse **WHEN:** Oct 22, 9am-1:30pm **WHERE:** UM parking garage by library.
5. **UM FLAT Harvest Party, Oct 23.**
   The UM FLAT (Forum for Living with Appropriate Technology) is a living and learning demonstration house for UM and the community. We offer workshops and workdays, as well as host events and open our Studio space up to student groups and organizations to host their own events. Last year we had nearly 1800 individuals visit our space and hosted roughly 115 events. At our Harvest Party this year, we will be serving homemade soup (made from local ingredients), homemade cider (pressed on-site), cob-oven cooked bread, a band, and some amazing raffle prizes! We will also be asking our visitors to bring a pie! Because what is better than soup, cider and pie? More info on UM FLAT Blog Page or on Facebook. **WHEN:** Sunday Oct 23, 1-4pm **WHERE:** 633 S 5th St E, NW corner of UM. **COST:** Suggested donation: $5

6. **Fresh produce for sale on the library mall, Thursdays, 10am to 2pm.**
   UM Dining strives to bring fresh produce and healthy eating options to the UM Community. The Grizzly Green Market, a fresh produce market, is open Thursdays, 10am to 2pm, located on the Mansfield Mall between the UC and the Mansfield Library. Later in the semester as it gets colder, it will move into the Copper Commons in the UC. The stand offers a variety of healthy, convenient fresh (& local when possible) choices for students, faculty, staff and members of the community. Check out the UM Dining Facebook page for specials and updates.

7. **New art & literature magazine launching in Missoula--submit your work.**
   Imagine Nation Brewing Co. is launching an art and literature magazine that celebrates beer's place in our lives: Beyond Beer. The magazine represents an extension of Imagine Nation's mission to joyfully address the challenges of our time and fuel social change through celebration and dialogue. They're inviting writers, artists, and beer lovers to submit for publication their best written and visual arts-fiction, nonfiction, photography, painting-anything that would be best enjoyed while sipping a good beer. Submission deadline is December 15th. Submission guidelines are at http://imaginenationbrewing.com/magazine/. You can also contact Beyond Beer's Editor, EVST alum Colin May at magazine@imaginenationbrewing.com

8. **Five Kinds of Scholarship.**
   Ernest Boyer of the Carnegie Foundation wrote that discovering things is only one of five kinds of scholarship: discovery, teaching, applications, integration (problems that cross disciplines) and “engagement.” The last kind – making sure that discovery makes a difference.

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*This Newsline prepared by Vicki Watson and Laura Zanolli. Please send any comments here.*