Western State Colorado University

Center for ENVS & MEM Newsletter

Friday April 14th, 2017

Earth Week: Monday, April 17th there will be several events taking place such as free smoothies, gardening, yoga, and a film. Tuesday, April 18th there will be Race to Recycle events, Wednesday, April 19th "Merchants of Doubt" being screened, Thursday, April 20th there will be trivia, and the annual Earth Day BBQ will be on Friday, April 22nd (Earth Day) from 3-5pm at the pinnacles lawn. Bring your own plate and a cup and you can eat for free! Otherwise, plates and cups will cost \$1. There will be local beef and veggie burger options. View poster to the left for further details and attachments as well.

Earth Week 2017 Calendar of Events

Environmental Management

MONDAY 8-8:45am Free Smoothies @ Field House (April 17) 1-4:30pm Workday in Chipeta Garden 4:30pm Yoga @ Chipeta Lawn 8pm Film @ Chipeta Lounge

> Race to Recycle Events in field between Field House and UC @ 4pm

TUESDAY (April 18)

Western's MEM Alumni and Current Students:

Share your project, share potential projects, ask questions and make connections! Have awesome job opportunities posted or share your post-graduation journey here! We are all here to help each other. Also, check out this page for Management Students in the field.

MEM Housing Options:

To any MEM student who is still looking for a place to live, please post your available apartments/housing in the Gunnison Valley to the MEM Student Housing Exchange Facebook page for new incoming MEM students. A good place to check is also the Gunnison Market Place group or the Gunnison Shopper.

WEDNESDAY (April 19) Merchants of Doubt Film in UC Theater @ 7pm THURSDAY (April 20) Trivia in Mad Jack Cafe @7:30pm FRIDAY Earth Day BBQ in Pinnacles Lawn (April 21) @ 3-5pm Brought to you by: LEAD SUSTAINABILITY

Summer Courses:

The Mountain Resiliency course: will now do a tour this summer of Colorado sustainability options, rather than the expensive trip to the Himalayas from May 8th-19th. All you have to pay for is tuition and food--ENVS is covering vans and travel! ContactBrandon.mcnamara@western.edu.



Energy Summer Course: For those of you with above a 3.0 (you don't need to be in the Honors Program for this one) look into the summer course on Energy in the West. See attachment provided.

Chicago and Olympia Courses: For those of you interested in taking a course based in Chicago or Olympia, check out these two courses: Writing Urban Nature and Neoliberalism in the Neighborhood, as they are part of a unique partnership our program built between ENVS programs across the country.

Online Course: For those of you interested in a systems thinking course, <u>here</u> is one available online.

Food Systems Course: As mentioned on the first page, for those of you interested in sustainable food options, there is a new course called <u>Food Systems: Theory and Practice</u>.

Events and Items of Interest:

ENVS Scholarships: Deadline for ENVS undergraduate scholarships for the 2017-18 academic year is **Friday, April 21st.** For more information, visit the <u>Environment and Sustainability site.</u> Recently added, Michael and Kathleen Aune have generously provide funding for an endowed scholarship in Environment & Sustainability. The scholarship provides assistance to students majoring in Environment & Sustainability with a preferred emphasis in Headwaters Studies!

ENVS Student in Need of Survey Participants: "My name is Hunter Koperweis. I am a ENVS student in ENVS 39y course which is a social marketing class. My project is to help market volunteerism at Coldharbour. I am running a survey on different reasons why people do not volunteer there and how they would be motivated to." Here is the <u>short survey</u>. If can, please take time to complete it!

Perceiving Accents Survey: Help researchers at Middlebury College understand how listeners perceive different types of speech sounds! Take a 10-15 minute survey asking you to listen to 12 short sound clips and respond to some questions based on what you hear. Here's the <u>link</u>. Participation is completely voluntary and the responses will remain confidential. After participating you can provide your email address at the end of the survey to be entered into a raffle to win one of two \$50 Amazon Gift Cards! (Email addresses will be recorded separately to maintain confidentiality of participant responses) Feel free to forward this to anyone who'd be interested. Thanks a lot!

Definitely something to check out: <u>Sustainability: The Journal of Record</u> all sorts of environmental related articles and such!

Regenerative Future Summit: May 15th-17th in Boulder, CO, The Regenerative Future Summit is the first of its kind. Three hundred thought leaders, and change-makers like you will reframe "the economy." The #RFSummit17 is part of a series of international meetings held previously in Paris, Germany and New York in which business leaders, scientists, faith leaders, scholars and people like you framed the principles of an economy in service to life. Now it's time to make it real. Get your tickets here today!

Noxious Weed Management Workshop: on May 1st from 10-12pm, This workshop will be held in Kelley Hall room 103 to inform private land owners about noxious weeds and programs available for assistance. Western State Colorado University MEM student Rick Norman will talk about his Masters project, give an introduction to noxious weeds, and discuss setting up a weed management plan. Bradley Wigginton from Gunnison County Vegetation Management will talk about Gunnison County Projects and how they are working with and moving forward with landowners, and more info on attachment!



Coldharbour Spring Event: Coldharbour Institute will be hosting a spring celebration family-friendly event pictured to the right and is looking for volunteers who are interested in leading activities. The event is scheduled for April 29th from 11-2pm at Coldharbour Ranch and is open to any and all who would like to have fun learning about wetland habitats, trout ecology, and the environmental resources offered in the Gunnison Valley. Fishing lessons will be held throughout the day, but they are looking for volunteers to help run other activity stations for participants to learn more about the local environment. If you are interested in running activities or sharing a project you are working on, please contact Megan Anthony at megan.anthony@western.edu for further details.

2017 Environmental Leader Conference: From **June 5-7, 2017** at the Hyatt Regency Center in Denver, the Environmental Leader Conference, featuring the Energy Manager Summit, offers a unique opportunity for environmental, sustainability and energy professionals to come together to identify new areas of opportunity to work more collaboratively in addressing their organizations goals. Unlike other conferences, this program unites a group of multidisciplinary, forward-thinking executives to share diverse perspectives and approaches to improving processes and better managing resources. Engage with the industrial and commercial organizations leading the way and go back to your organization with actionable steps to improving sustainability performance and reducing negative social and environmental impact. More info found here.



Youth Conservation Camp in South Fork Volunteer: The camp is **June 20-22** and is for kids ages 8-13. Right now, they have a need for people with experience in agriculture and range management to do a couple of activities in those topic areas. If you might be interested in volunteering your time with their campers, Bethany Howell, the Executive Director, would like to discuss with you further! (719)-480-4864.

AASHE's Sustainability, Diversity, Equity and Inclusion Workshop: Discover how you can help close the opportunity gap, connect diversity and sustainability initiatives on campus, create community partnerships and more through the Sustainability, Diversity, Equity and Inclusion Workshop on **June 28 - 30th.** Go here to register!

Master Student Business Cards: Through B&B printers, you can develop your own card, separate from Western, with a cost of \$60.00 for 250 cards. However, if you want to use the Western Template, then it will only be \$32.00 for 250 cards. Using the Western Template is the most cost efficient, and recommended. Email mcasteel-denney@western.edu to get the template. You will need to do this on your own by filling out the template attached and sending it to creativeimages970@gmail.com. In the email, you will need to say you are a MEM student, will be using the Western template, and will be paying for it yourselves.



Public Lands Partnership Graduate Committee Position: They need to fill a Education position on the Adaptive Management Group going forward. Public Lands Partnership is providing the public outreach for the recently approved EIS for the SBEADMAR Project. They were hoping a graduate student from the college that is connected with the Environmental Management Program would be interested in serving on this committee yet to be convened. The SBEADMR Working Group met for two years during the NEPA process for this project. Going forward they have agreed that a newly formed Adaptive Management Group would meet four times per year and one of those meetings would be the Annual SBEADMR Meeting. All meetings will be held in Montrose centrally located to the seven counties located with in the GMUG boundary. More info can be found here.

The National Environmental Policy Act Course: This course from November 2-3rd consists of approximately 12.5 hours of continuing education, including 1 hour of ethics. You must let us know, at least 45 days in advance of the conference, the states or organizations for which you will need credit (see registration form). Credit hours for states will vary and are subject to each state's approval and credit rounding rules. Foundation conferences are typically accredited by all mandatory CLE states and Canadian provinces, the AAPL, NADOA and NALTA, and other professional organizations. Attorneys from certain states may be required to pay an additional fee. The Foundation is a State Bar of California MCLE-approved provider. Register here for the class.

MEM Student on TV: Anna Drexler-Dreis was brought onto Good Morning Grand County to talk a little bit about Trout Unlimited and more, check out these <u>two broadcastings</u> of her!

MEM Student on KBUT: MEMer Jacob Courkamp on KBUT discusses sustainable ranching, collaboration with the MEM, climate change, carbon sequestration, and more here!

Open MEM Projects:

Are you looking for an MEM project? Defender's of Wildlife is interested in working with you! Check out these opportunities and let Ryan Wilbur (rwilbur@defenders.org) know if you want more information.

- 1. **Beaver Relocation Work:** Defenders has started a beaver relocation program where we take "nuisance" beavers, usually from urban settings, live-trap them and release them in areas where their ecosystem engineering will benefit other species. We are focused specifically on creating/enhancing habitat for species listed under the ESA, and other key groups that Defenders focuses on such as freshwater fishes, freshwater mussels, amphibians, and migratory shorebirds. There are a lot of potential research projects that could coincide with the relocation work. One obvious study would be a before/after comparison at several release sites, looking at some biotic (e.g. aquatic invertebrate diversity/composition, amphibian diversity) or abiotic response (e.g. water chemistry, depth, turbidity etc) to beaver reintroduction. We know that beaver have a huge impact on the local ecosystem, and having some studies that quantify what those changes are, and how they benefit other species, would be wonderful. I'm open to just about any other suggestions for projects, as long as they are in the same theme.
- 2. **Wolf depredation modeling for Colorado**: This project is looking at preparing people and management for wolves to come to Colorado. We would like to try to predict wolf-livestock conflict hot spots throughout Colorado. This would help us target areas of high risk where we should begin conversations about coexistence programs.
- 3. Rancher perceptions of wolves and coexistence programs in Colorado: This project would entail interviews or focus groups with ranchers to talk about wolf conservation. More specifically, the questions would be about perceptions of wolves and potential coexistence measures. If multiple people are interested in social science we could use this relatively same frame work for hunters/sportsman as well.



Internships/Fellowships:

Camden Conservation Commission Internship: Description: The primary goal of this internship is to develop an Emerald Ash Borer (EAB) Response Plan for the Town of Camden. The EAB, an invasive wood boring (Buprestid) beetle from Asia, was first discovered in North America in 2002 in the Detroit Michigan area. Apply **by TODAY, April 14th** for this position! More info on attachment.

10-week Wilderness Ranger Internship: The Boulder Ranger District is recruiting applicants for Wilderness Ranger internship positions for the summer of 2017. The primary duty is to conduct patrols in the Indian Peaks and James Peak Wilderness areas. Ideal applicants have experience in the outdoors, are passionate about the stewardship of wild lands, and interested in a career in natural resource management. Interns will receive training and education in Wilderness management from an inter-disciplinary, field-based perspective. This is a volunteer position that is sponsored by the Indian Peaks Wilderness Alliance and includes a \$1,200 stipend for a 10-week commitment from June 3 August 11, 2017. Apply today for an opportunity to experience Colorado Wilderness firsthand. More info on attachment. Deadline to apply is **tomorrow, April 15th..**

Powderhorn Creek Ranch Summer Internship: Cindi West, has a HUGE opportunity for one of our ENVS or MEM students (Undergrad or Graduate) to work on the Powderhorn Creek Ranch, a 135 Acre ranch located 30 minutes southwest of Gunnison off CR-25, she has two big projects this year. Here's a brief description of her two projects: The first project, is a work-related project focused on holistic land management, grazing strategies, and organic sustainable practices. Work would entail developing strategies to become more resilient to climate change. The second project, is a water management project related to the development of a newly found water spring on the ranch, work would entail water conservation practices and strategic water use planning to fully utilize this newly found resource. It is a PAID internship (\$\$\$), and you get to stay in "sunny-Gunni" for the summer! Have students with questions call Cindi West for the direct contact @ (970) 641-5644

Vega State Park Internship: During this Park Operations Internship, the intern will be working with Park Rangers, Park Resource Technicians, Visitor Services/Revenue Staff, Park Interpreters, and Volunteers. Interns will assist with daily operations including, but not limited to: Patrol of Vega State Park campgrounds, picnic area, trails and backcountry, and enforcement of state park and wildlife laws and regulations (Title 33), assist park visitors, collect revenue, work in entrance stations and visitor center, write reports, keep daily logs, monitor natural resources, trail maintenance and construction, and remove fallen or dangerous trees from trail corridors, maintenance of park facilities, cabins, grounds, vehicles, and equipment. Start date for this position is in May. You can find more information on this in the attachment provided.

Climate Organizer Internship: This is an international non-profit founded by former Vice President Al Gore and they are currently offering internships to undergraduate students. This Fall they are working to get college campuses to commit to 100% renewable electricity by 2030. The application can be found here. It takes about 10 seconds to fill out. A major part of their work is providing the resources and skills trainings students will need to make a difference on this issue and any other that they care about.

OTAQ Summer Intern Program: The Office of Transportation and Air Quality is seeking student interns in Ann Arbor, Michigan and Washington, DC. To apply, go <u>here</u> and search for vacancy announcement numbers, see attachment for more details.



CCC Internship: Description: Camden Harbor is one of the prettiest harbors in Maine and also has one of the poorest water qualities, as judged by enterococcal bacterial counts. The Camden Conservation Commission (CCC) is a group of seven highly-motivated individuals who want to improve environmental stewardship in Camden through public education, innovative projects and new ordinances, where necessary. Apply by **April 21st** for this position! More info on attachment.

The Colorado Mountain Club Foundation Fellowships: Since 1982 The Colorado Mountain Club Foundation has awarded fellowships for research consistent with the statement of purpose adopted by the founders of the Colorado Mountain Club in 1912: To unite the energy, interest, and knowledge of the students, explorers, and lovers of the mountains of Colorado, etc. Grants are made to individuals only, for research under the direction of a faculty member of an institution of higher learning. Applications found here must be sent by tomorrow, April 15th to Paula Cushing at Paula. Cushing@dmns.org or mailed to The Colorado Mountain Club Foundation, c/o Paula Cushing, Department of Zoology, Denver Museum of Nature & Science, 2001 Colorado Blvd., Denver, CO 80205. The faculty sponsor must submit a letter under separate cover in support of the student and the proposed research. More info can be found here.

Wilderness Fellowship Opportunity: The Forest Service is partnering with the MEM program to fund a Wilderness Fellowship opportunity for a current or incoming MEM student. Work will take place summer 2017, and the position will be funded. Work will consist of developing a Solitude Monitoring Plan for the Fossil Ridge Wilderness. This work will also include hiking over steep terrain, working in remote areas, and establishing baseline data for visitation and thresholds of solitude. The project will contribute to national wilderness stewardship goals that the Forest Service is trying to achieve. The ideal candidate will be a self- starter who doesn't mind working alone. Fellows will be expected to have completed all funded activity by Sept 30, 2017. Students with interest in this opportunity should contact Dr. Melanie Armstrong, Western's Public Lands Coordinator (marmstrong@western.edu). To apply for this fellowship, please send a cover letter and resume to Dr. Armstrong by email (preferred) or Kelley Hall 109, 600 N. Adams St., Gunnison, CO 81230. Review of applications will begin on April 19th and continue until the position is filled.

Put a Price on It Campaign Fellowship: Our Climate, a national organization that mobilizes millennials to advocate for climate policies, in partnership with Citizens' Climate Lobby (CCL), invites students to apply to the "Put a Price on It" campaign for their Summer, Fall, and Spring fellowship programs. Put a Price on It is a nation wide campaign focused on passing fair and effective carbon pricing policy at the state and national levels. Fellows work with Our Climate and CCL staff to start campus chapters, rally public support for a national and state carbon pricing policy, and engage directly with elected officials. Through respectful and creative education and civic engagement, "Put a Price on It" seeks to advance carbon pricing policy and empower the next generation of climate leaders. Apply here for it by **May 1st.**

Summer Data Science Fellowship Opportunity: The Data Incubator is an intensive 8 week fellowship that prepares masters students, PhDs, and postdocs in STEM and social science fields seeking industry careers as data scientists. The program is free for Fellows and supported by sponsorships from hundreds of employers across multiple industries. In response to the overwhelming interest in our earlier sessions, we will be holding another fellowship. Anyone should apply who has already obtained a masters or PhD degree or who is within one year of graduating with a masters or PhD is welcome to apply. Applications from international students are welcome. Everyone else is encouraged to sign-up for a future session. In addition to the following in-person locations, they will have a remote online session: New York City, San Francisco Bay Area, Seattle, Boston, and Washington, DC. All sections will be from **June 19th-August 11th.** To apply, follow this link.



Full/Part Time Positions:

Gunnison Valley Housing Foundation Executive Director: The Foundation, a Colorado nonprofit, tax-exempt 501(c)(3) corporation, seeks a self-directed part-time Executive Director (ED), ideally with experience in the area of facilitating the availability of affordable housing for low and middle-income individuals and families. They are looking for an individual with at least an undergraduate college degree who is self- directed and at ease, a masters degree is preferred. The ideal candidate will be experienced with nonprofit organizational development and management. Apply by TODAY, April 14th for this position! Email jim@starrattorneys.com to apply. Go here for more information.

<u>Conservation Job Board</u> is a great place to search or current environmental jobs, internships, and even volunteer work all across the country so check it out!

Worker needed to install Bubble Packets: Renee Slater needs a reliable, stable worker to help install bubble packets on 40 acres of Douglas Firs to prevent bark beetles. **Dates are May 9th and 10th.** Pay is \$20/hour. The work is very physical. Please call 239-404-5948, or email timandreneeslater@gmail.com.

AmeriCorps Outdoor Work: For those of you looking to do outdoor environmental work in Gunnison and looking to earn an AmeriCorps award, check out Western Conservation Corps and please contact Dr. Hausdoerffer immediately. A great resume builder!

Gunnison Trails Executive Director Position: Right here in Gunnison! Limited information available on the position but contact (970) 642-4940 if you are interested in the position.

DC Manager and Associate position's: The Center for American Progress in DC is hiring for their "Law of the Land" Project, which will help defend bedrock conservation laws and progressive public lands policies through the judicial branch of government. The project will work to communicate what's at stake in key legal debates relating to the management of public lands, oceans, and natural resources. This will include working with reporters, partners and members of the public to elevate compelling voices of academics, nonprofit organizations, legal experts, thought leaders, and citizens who have a stake in the defense of key conservation actions. Click on the positions for further position descriptions: Campaign Manager and Communications and Campaign Associate.

WCC Crew Member Position: This is a field-based position with Western Conservation Corps. Corps members camp and serve in the backcountry of Western Colorado. Corps members earn a weekly stipend, plus food and lodging when required to camp at a project site. Career training takes place primarily in a backcountry setting and involves building and maintaining trail fences, invasive species removal, and habitat restoration. More info about this position on the Western Colorado Conservation Corps webpage.

Assistant Crew Leader Position: Assistant Crew Leaders will help lead a crew of 6-10 youth, 16-25 years old, with an assistant crew leader in a ten-week service session. The position also requires preparation time and post session clean up. Must hold members accountable and not engage in any prohibited activities as listed in the AmeriCorps Member Service Agreement.

WCC Crew Leader Position: Crew Leaders will lead a crew of 6-10 youth, 16-25 years old, with an assistant crew leader in a ten-week service session. The position required participation time and post session clean up. Must hold members accountable and not engage in any prohibited activities as listed in the AmeriCorps Member Service Agreement.



USA Jobs in Gunnison: Take a look at these positions found on USA jobs, some close soon!

Sustainability Engagement Coordinator Position: This individual will support University at Buffalo's sustainability initiatives through collaboration, leadership and partnering throughout the campus community. The position will specifically work to connect students, staff and faculty across the university with information, innovation, and tools to reduce UB's footprint on the future and enhance quality of life by improving environmental stewardship, increasing economic efficiency and augmenting cultural values and awareness. More info about the position can be found here! Position must be filled ASAP.

Great Basin Institute Careers: The Great Basin Institute is an interdisciplinary field studies or ganization that promotes environmental research, education, and conservation throughout the West. The Institute advances ecological literacy and habitat restoration through educational outreach and direct service programs. Our goal as an organization is to do good science and inform land-use decisions through collaborative agreements with state and federal agencies. We partner with AmeriCorps so that recent college graduates can enter into careers as techs that would otherwise be extremely hard to come by. According to past and present employees, coordinators and tech leads from GBI have generally moved on to exciting careers in the conservation field thanks to the awesome training, support, networking, and experience that they gained by working for GBI. Find awesome positions with them here!

Avid4 Adventure Summer Positions: <u>Avid4 Adventure</u> is a great summer job and internship source for both undergrad and graduate students and they are hiring instructors! Work outside, play outside, join an incredible community of educators, and inspire kids – all in one summer! Outside Magazine has voted Avid4 as one of their 'Best Places to Work.' Check out why staff love working for Avid4 Adventure, available positions, and how to apply here.

Weed Management Program Seasonal Technician: The Gunnison County Public Works Department is now accepting applications for a full-time, Weed Management Program Seasonal Technician. The opening is a 40 hour per week, \$17.90 per hour position, with an expected term of May 2017 - October 2017. Schedule may include weekend work and long days in rough terrain during field season. Duties will include assisting in the implementation of the Upper Gunnison River Watershed Weed Management Plan, cooperating with partner agencies in completing noxious weed control activities, working with the public to promote weed management, developing educational materials and leading field tours and events focused on noxious weeds. More info about this position can be found here.

Some Job Links:

AmeriCorps VISTA - Ending Hunger Team, Phoenix, Arizona

Conservation Intern Positions, Montana Conservation Corps

Manager, Economic Development, Local Initiatives Support Corporation, Phoenix, Arizona

Stewardship Program Manager, Tillamook, Tillamook, Oregon

Veterans Green Corps Crew Member, Montana Conservation Corps

<u>Citizen Science Post-doctoral Fellow/Web Developer/Ecological Information Specialist, Colorado State University,</u> Fort Collins, CO **Deadline is April 17th.**

Program Officer - Publishing, International Center on Small Hydro Power, Hangzhou, China Deadline is April 30th



Assistant Director, California Product Stewardship Council, Sacramento, CA

Part-time Swarovski Waterschool Educator, Lewis & Clark Community College, Godfrey, Illinois

Program Assistant, Devens Eco-Efficiency Center, Devens, MA

Summer Internships, Fairshare CSA Coalition, Madison, Wisconsin Application deadline April 21st

<u>Sustainability Specialist, Direct Support Services Center, Maricopa Community College District</u> **Application dead-line April 25th.**

Executive Director, Chino Basin Water Conservation District, Montclair, California Application deadline April 26th

Green Fund Manager, University of Wisconsin, Madison Application deadline April 28th

<u>Program Associate, International and Non-CO2 Initiatives, ClimateWorks Foundation, San Francisco, California</u> **Application deadline April 30th**

Program Coordinator II, Wildland Resources, Quinney College of Natural Resources, Utah State University, Logan Application deadline May 5th.

Environmental Education Specialist, City of Rochester, Minnesota Application deadline May 7th

<u>Assistant Watershed Coordinator, Tinker's Creek Watershed Partners, Twinsburg, Ohio</u> **Application deadline May** 15th

Supply Chain Sustainable Intern - Summer 2017, Cox Communications, Phoenix, Arizona

For more positions, visit Arizona State University's Sustainability Digest page.





Two photos from this week's Spring Symposium! Photos by Hannah England

