Western State Colorado University

Environmental Management, Elevated

Center for ENVS Newsletter

May 20th, 2016

The halls are empty, but the campus is alive. The trees are budding and will be blooming soon. The town ditches are running. There is an energy in the air, anticipation for a projected busy summer season. Such a wonderful time to live in this amazing town. Go here to view the town calendar.



Links to the <u>Master in Environmental Management Calendar</u>, the <u>MEM Facebook Page</u>, as well as the <u>Center for Environment & Sustainability Facebook Page</u>

Housing:

To any current MEM students graduating this year and moving away from the valley, please post your available apartments/housing in the Gunnison Valley to the <u>MEM Student Housing Exchange</u> Facebook page for new incoming MEM students. All new students should go check out the group! New students may also contact<u>Residence</u> <u>Life</u> asking about limited on-campus MEM housing by **June 1st.** A good place to check is also the <u>Gunnison Market Place</u> group or the <u>Gunnison Shopper</u>.

Further Items of Interest:

MEM student Lindsey Lunsford, in Tuskegee, Alabama, has been featured in Yes <u>Magazine</u>, the article is <u>"After a Century in Decline</u>, <u>Black Farmers are Back and on the Rise."</u> This is a great example of our students changing the world. Congrats Lindsey!!!





Rangeland Inventory, Grazing Planning & Ranching Diversification Training Workshop, June 16 and 17. Presented via CO Section SRM in Partnership with Rio Grande, Mosca-Hooper Cons. Districts & Extension. Rangeland Stewardship in the San Luis Valley. Wet Meadow ecological sites are being effectively managed with high intensity short duration grazing strategies. Enterprise diversity & holistically managed grazing are guiding principles for long-term success and sustaining the ranching way of life. Registration information will soon be available. Contact regarding questions: Cindy Villa cynthia.villa@co.usda.gov [719-588-4155], Ben Berlinger ben.berlinger@co.usda.gov [719-469-3895], Tom McClure tmcclure@fs.fed.us. See attachment for more information

Writing/Designing Winning NSF Proposals Workshop, June 16th. Through the Grant Training Center in Denver. Cost is \$375. This comprehensive workshop is geared for those who wish to submit winning research proposals to the National Science Foundation (NSF). Go here-to-register and find out more information.

Consent-Based Siting Public Meeting in Denver Colorado, Tuesday, May 24th. The Department of Energy will host a public meeting in Denver on designing a consent-based process to site facilities needed to manage our nation's nuclear waste. The Department is seeking diverse viewpoints to strengthen the design of its consent-based siting process. The public meeting will be held at the Embassy Suites Denver Stapleton from 5:00 PM until 9:30 Mountain Daylight Time. Registration is encouraged in order to assist our logistics planning. To register, please visit this registration page. Those unable to attend in person can view the meeting online through a live webcast. For more information, please visit our website at energy gov/consentbasedsiting. See attachment.

US Forest Service Plant-a-Tree Day: The US Forest Service is putting on a plant-a-tree day June 11th on Slumgullion Pass south of Lake. Attached is a copy of the press release containing information regarding the event and how to RSVP. Please let Drew Stroberg know if there are questions at dstroberg@fs.fed.us.

Permaculture Course in Westcliffe: Concerned about the state of our planet? Looking for hope? Find out how humanity can move into an uncertain future with grace, ease and abundance! Shift your awareness and change your life! Here is a golden opportunity: A permaculture design course will take place near Westcliffe **June 18th-July 2nd.** This course is intensive and includes 72 hours of instruction, hands-on design work, certification, lodging and all meals -- truly inexpensive for a unique, life-shifting experience. And fun! Some scholarships and work trades are available, along with an early-bird discount and a couples discount. If you have any questions contact Sandy Cruz at 719 539 7585 or see attachment.



Project Opportunities:

Gunnison Sage-Grouse Conservation Engagement Project. The Dove Creek Working Group has floated an opportunity for an incoming or current student to assist with a community engagement project using either interviews or surveys to understand landowners knowledge of Gunnison Sage-Grouse and their willingness to partake in conservation efforts. If you are interested, please contact Corrie Knapp at cknapp@western.edu.

Association for Our Environment Fellow position. Seeking interns with whom we can collaborate in building a brand new organization dedicated to addressing the issues we in the environmental community face as we work to heal the planet. The goal is to make the healing and the well-being of our natural environment a priority among everybody. It puzzles me that people aren't more engaged and energized to bring about this healing, as there is no less at stake than the preservation of our basic life support systems. Looking for two individuals who can work 20 hours per week (minimum). This can be done virtually with regular phone meetings. If somebody is really motivated and wants a more immersive experience, they can spend a year working in rural Kansas. As odd as this may sound, it is a powerful cultural experience, in some ways akin to traveling abroad (for those raised in urban areas, especially on the coasts). Website www.greensburggreentown.org will give you a good flavor of our work. There is also a book written about our work, GreenTown USA. If interested contact Daniel Wallach, daniel@danielwallach.com. See attached paper for more information.

The Native Bee Collective, a Gunnison Valley Wide native bee conservation and education campaign. MEM Student Shay Hlavaty is joining forces with RMBL for a native bee citizen scientist project. Looking for participants who can: attend a kick off party Saturday, June 11 where supplies and instructions will be given out, put two bee boxes in yard, collect colonization data once a week, enter data online, attend a closing party Saturday, August 27, suggested donation for education and outreach purposes is \$20. Contact Shay, shay.hlavaty@western.edu, for more information.

Tyler Grimes's Project: Enduru Sustainable Development. Enduru is a village in Western Province, Kenya, located between Butula and Bumala in Busia County. Project continuation would work closely with the New Creations Self-Help Group to create opportunities and meet the needs of the community through sustainable development strategies. Potential projects include: Working with local NGO ARDAP (appropriate rural development agriculture program) on a farming project on New Creations Children's Home land. The project would include digging a well, water storage and irrigation, construction of a greenhouse and a production plan. Find out more about ARDAP at http://www.ardap-kenya.org or ARDAP Kenya on Facebook, There's an openness and need for future projects of all kinds. This project is an opportunity for anyone looking to work internationally at a grassroots level. For questions or more information email tyler.grimes@western.edu.

Weed Related Potential MEM Project Idea: The Town of Crested Butte is in the process of forming a weed committee to address noxious weeds in the Town of CB. From a "hard" science perspective, this presents an interesting opportunity for the graduate student to establish a baseline in 2016 and monitor our weed treatments or even set up an experiment to evaluate different approaches to weed management and monitor the effectiveness of these over time. One site that is particularly interesting and weed infested is the CB Cemetery at 10,000 feet. From a social science perspective, there is an interesting opportunity to study people's opinions on weeds, their treatment, and the best way to ensure community buy-in for weed management in a rural town. If you are interested, let Corrie Knapp (cknapp@western.edu) know.

Possible MEM Project with LCBAG: Sarah Mudge is in charge of Lake County Build a Generation (LCBAG), a non-profit org working to help kids have healthier lives, including getting them connected with nature. LCBAG was awarded a GOCO "Inspire" grant to create a plan to provide outdoor activities for underserved kids in Leadville. The MEM program might have a student who would like to work on this new effort and Sarah was very interested in the idea. You may contact Sarah at sarah@icbag.org if this project possibility interests you.



Jobs:

Public Administration Fellow (PAF), is an excellent opportunity for someone who is interested in working for Federal government or in public administration. The PAF will be exposed to a range of Federal initiatives and programs, and plays a critical role in overseeing the OSMRE Semester Intern Program. I also hope that the person in the position will be engaged in researching important topics related to environmental stewardship, resiliency, climate change, and poverty alleviation. The PAF will be an AmeriCorps Member, so s/he will receive all of the benefits of the program including an Education Award, loan forbearance, and health insurance. There is even a precedent, with a CSFU alumna serving as the PAF, and she is now full-time staff with OSMRE! Interested applicants should submit a letter of interest and resume to Sara Eckert at seckert@osmre.gov. Eligible candidates will be sent the formal application information. Feel free to contact Sara at 202-208-3779 or by email for more information. Also see the attachment.

GIS Intern, BLM Colorado State Office, in Lakewood, CO. Intern will provide operational support to various GIS projects; generate/maintain digital, geo-referenced spatial data (geospatial data) and evaluate it for spatial accuracy and source data consistency; generate, modify, and/or evaluate metadata for geospatial data; assist Field Offices in GIS database construction and maintenance; and work with a diverse group of resource specialists, planners, and managers. Please send application materials to: Gail Bower, Education Coordinator/ HR Manager Western Colorado Conservation Corps, 970-241-1027, gbower@mesapartners.org. See attachment.

Summer jobs at Rocky Mountain Biological Laboratory. Invasive Plant Technician,

Looking for someone interested in invasive plant management and plant restoration. The employee's duties will include: 1) assisting with ongoing experiments to control the spread of Yellow Toadflax and test revegetation methods; 2) actively managing invasive plants by manual removal and spot applications of over-the-counter herbicides; 3) assisting in revegetation efforts by transplanting plants and collecting and sowing seed to restore native plants to disturbed sites; 4) coordinating adult volunteers; and 5) using GPS equipment to map invasive plants. For more information and to apply go here.

Gunnison Gardens has a part-time opening for a Farm Hand. Our ideal coworker is energetic, interested in local food production, hard-working, and mechanically inclined (i.e., knows how to use power tools and get things done). In our second year of operations, Gunnison Gardens continues to build infrastructure and tend our 28 100-ft long garden beds, 100 chickens, 45 cold-hardy apple trees, 50+ honeyberry plants, 100+ raspberry brambles, and 40+ cherry bushes. (We are also growing in our cold-climate greenhouse, however, the Farm Hand opportunity is an outdoor position.) The Farm Hand / Intern is a 20- to 30-hour per week position paying \$8.50 per hour plus produce (in season). May to September. See attached application, send to Gunnison Gardens, 600 W Highway 50, Gunnison, CO 81230.

BLM, Landscape Ecologist, Denver CO. This position will be working to ensure high-quality information is available for land management decision-making across BLM lands throughout the western US. The position will work as part of a team at the BLM National Operations Center, Division of Resource Services. The Division provides scientific and technical services to BLM offices located throughout the western U.S. The internship will support implementation of the BLM Assessment, Inventory, and Monitoring (AIM) Strategy and Great Sage Grouse (GRSG) Planning Initiative. AIM is a tool for BLM land managers to obtain information needed to manage resources at the landscape scale and improve decision making to meet increasing demands on public lands. To apply go here.



Summer Work in the Gunnison Valley: Want to start on some actual restoration work, right here this summer? Build trails and otherwise improve the use of public lands? AND earn some money too, AND an Americorps grant to apply to your education costs? The Western Colorado Conservation Corps is now recruiting for its Upper Gunnison Headwaters Crew. A summer of forty-hour weeks (four days/week) of out door work that will get you in better shape than you've ever been in - and the valley too. For more information, contact WCCC Director Jeff Roberts at 970-241-1027, go here for more info, or see attachment.

Conservation District Position: The Gunnison Conservation District has a permanent part-time opening for a District Manager. Responsibilities include accounting, bookkeeping, customer service and sales, planning and implementing meetings, outreach education, grant writing, grant administration, staying up-to-date on application deadlines, tax payments, and other duties as assigned. Knowledge of natural resources, agricultural systems, and computer skills including QuickBooks and Microsoft Office is preferred. Interest in natural resource conservation is a must. Position requires 10-12 hours per week and pay rate is based on experience and performance. A background check may be required. Please submit cover letter and resume to the Gunnison Conservation District, 216 North Colorado St., Gunnison, Colorado, or email to gunnisoncd2006@gmail.com

Employment Collecting Rangeland Ecology Data Opportunity: Retta Bruegger, Colorado State University's new Range Specialist is wondering if there would be anyone interested in an employment opportunity in collecting rangeland ecology data. You may contact her at Retta.Bruegger@colostate.edu if interested in an application.

Job at Western Resources Advocate: Western Resource Advocates (WRA) is seeking an experienced Digital Engagement Manager to be part of our dynamic Communications Team. WRA works to protect the West's land, air, and water, using law, science and economics to craft innovative solutions to the most pressing conservation issues in the region. The Digital Engagement Manager position is based in Boulder, CO. It is a full-time exempt position, with an excellent benefits package and a competitive salary based on relative experience. For the full position description and how to apply visit here.

Summer Jobs with Environment Colorado: The Fund for the Public Interest is a national non-profit organization that works to build support for progressive organizations across the country. We've run campaigns for USPIRG, Environment America, the Human Rights Campaign, the Sierra Club, Greenpeace, and Fair Share Alliance. In Denver, they are currently launching an office in Denver for Environment Colorado to work on a campaign to protect honeybees and other pollinators. Right now, they are hiring students from across the state, and specifically at Western State Colorado University as paid staff to help with their campaign and citizen outreach work this summer and fall in their Denver office. This is a great opportunity for students. As paid campaign staff, students will build grassroots power, learn the building blocks of political organizing, and work closely with our senior staff management team. This is your chance to spend your summer working for a great cause, while gaining valuable campaign leadership experience. Fill out the form here to set up an interview and to hear more about the positions they have available or visit their website!

Colorado Outward Bound School Field Positions: For Assistant Instructor positions, Logistics Coordinators, Marketing Interns, Culinary Interns, and more, go here for the position listings with Colorado Outward Bound School, for people of all ages and all walks of life, is an educational organization that helps students discover strength of character, the ability to lead and a desire to serve. Most positions have age restrictions and require a Wilderness First Responder and CPR Certifications.



GO Leadville! Coordinator: The GO Leadville! Coordinator position is based in Leadville. It will provide support for a collaborative of leaders, community members, and youth who are interested in better connecting Lake County youth to nature. The Coordinator's key work will be to help coordinate an effort that began in June 2015 and ends at the end of October 2016 to develop a three-year plan valued between \$1 and \$5 million to better connect the most underserved Lake County youth to nature. This plan will be presented to Great Outdoors Colorado (GOCO) for funding. More information about this position can be found on the attachment.

Program Director for Grand Canyon Youth: Starting June 1st, In Flagstaff Arizona, The Program Director for Grand Canyon Youth is responsible for the preparation, correspondence and coordination of the programmatic aspects of Grand Canyon Youth's river education programs. The Program Director must have the ability to develop and maintain professional relationships with GCY staff, youth participants, parents, guides, drivers, volunteers, and community partners. To Apply, please submit a resume, cover letter and three references by email to Executive Director, Emma Wharton, emma@gcyouth.org. Application deadline is **May 30th**. More info on attachment.

Ranch Assistant With Eagle Ridge Ranch: The Eagle Ridge Ranch is a conservation minded working ranch located along the Ohio Creek, northeast of the Town of Gunnison. Management of the property is based on three objectives of Wildlife, Agriculture, and Recreation of which all share equal priority. Some responsibilities of this position include facility, infrastructure, and equipment maintenance, forest and range management activities, and water right usage and irrigation. To apply, contact Travis Brooks, the Ranch Manager, at Travicebrooks81@gmail.com. Position will become available June 6th.. See attachment for more information.

Backcountry Snow Sports Initiative (BSI) Intern: The ideal candidate will have experience with ArcGIS mapping platforms, a familiarity with backcountry winter recreation in Colorado and the ability to plan event logistics. This individual will be self-motivated and willing to take initiative on a variety of tasks and projects. Strong communication skills, attention to detail and a willingness to learn are essential. The candidate may work remotely from anywhere in Colorado, although travel may be required (approved mileage will be reimbursed). To apply, please e-mail resume and cover letter to juliemach@cmc.org. More info on attachment.



Frist MEM Cohort graduating, May 2016.

Picture taken by Dr. Kate Clark.



