

Center for ENVS & MEM Newsletter

Friday, August 11, 2017



MEM students on the peak of Crested Butte, with Dr. John Hausdoerffer, and Dr. Salif Mahamane.

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. Make sure you follow us on [Facebook](#).

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](#).

Events:

On-campus Freecycle, located in the basement of UTE hall will be open 12-1, 4-6pm, M/W/F during the semester. Please feel free to come and take what you need, as well as to drop off what you don't.

Events and Items of Interest:

NWF EcoLeader Graduate Student Fellowship Opportunities: In Spring 2014, National Wildlife Federation launched the EcoLeaders Program to help students and young professionals develop sustainability leadership skills and secure great jobs that help the planet. The EcoLeaders leadership and career development program advances a proven model of leadership for sustainability. It draws on the lessons learned over nearly three decades supporting thousands of sustainability projects at more than 2,000 colleges and universities across the U.S. and world through NWF's Campus Ecology, Greenforce, and other programs. Go [here](#) to learn more and apply!

Summer Immersion Tropical Farm Retreat: AUG 17 - SEP 30: Fall Living Internship, a 6-week course including field projects, community living, and hands-on learning in areas including beekeeping, mycology, agroforestry, intuitive nutrition, leadership and activism, and Hawaiian culture and plant medicine. This is a great opportunity for students to gain skills before farming themselves, or simply gain more exposure to permaculture and holistic living. More info [here](#).

14th Biennial Conference of Science & Management on the Colorado Plateau & Southwest Region. Theme: Interdisciplinary Approaches & Solutions for Conserving the Southwest's Land, Water, Biodiversity & Cultures **September 11-14, 2017** · High Country Conference Center · Flagstaff, Arizona

Registration NOW Open: Thanks to our generous sponsors, the planning committee was able to avoid increasing the conference registration fees. Early registration fees will be as follows: \$275 professionals (Before September 1); \$125 single day, graduate students, retired professionals; and \$50 undergraduate students. As in the past, registration includes light morning refreshments, lunch, breaks, and two receptions. <https://nau.edu/merriam-powell/biennial-conference/registration/>

Please submit a paper to **7th Annual International Conference on Sustainable Energy and Environmental Sciences (SEES 2018)** which will be held on 29th - 30th January 2018 in Singapore. SEES 2017 provided a forum and opportunity for delegates from 23 individual universities and 16 countries to share their research findings, practice and educational initiatives with an international audience. You may visit the following link for accepted and published papers from previous SEES conferences <http://www.env-energy.org/PriorYearsPaper.html>. The full paper submission deadline is on **30th August 2017**. If you need additional time, **please email us at secretariat@env-energy.org**. For more information, please visit the **SEES 2018** website: <http://www.env-energy.org/index.html>. Would appreciate if you could disseminate this information to your colleagues/students who might be interested to participate in the conference.

[Join](#) us and 2,000 other higher education sustainability professionals in San Antonio, TX from Oct. 15 - 18 for the 2017 AASHE Conference & Expo. With a theme of "Stronger in Solidarity," attendees will come together to discuss how the campus sustainability community can break down walls, build bridges and continue to make progress toward a healthy and equitable future for all. Conference registration rates increase on August 1. [Register today](#) and save!

2nd annual [Sustainability Professionals Retreat](#), **August 27-31**, co-hosted by ISSP's Colorado Chapter and Shadowcliff, a non-profit educational lodge and retreat center in Grand Lake, Colorado, on the edge of the Rocky Mountain National Park.

Beyond Sustainability: A Workshop for Professionals has been designed to revitalize professionals working in the sustainability sector while providing tools and techniques to elevate their work. Sessions topics, including authentic leadership and the circular economy, are interspersed with time for conversation, networking, hiking, and reflection. The faculty is a refreshing mix of private and public sector experts, all excited to share in this experience.

This unique event is open to all sustainability professionals, whether or not you are an ISSP member. The registration deadline is Friday, August 11th and space is limited. [Register today!](#)

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.

Internships/Fellowships:

Soil Health Research Assistant

Intern will assist with both field soil sampling and lab testing. Field work will take place in August and September and consist of collecting soil core samples and running soil infiltration tests in sagebrush pastures used for cattle grazing. Long days of exposed field work with moderate hiking can be expected. Experience with basic data collection desired (using a GPS unit, following established protocols, flexibility and adaptability, etc). Lab work will run from the end of the field season through the end of the fall semester and consist of assisting with soil ignition testing. More specifically intern will assist with preparing samples (grinding, sieving, weighing and drying samples), initiating testing (operating lab furnace), and recording results (post-ignition mass). Attention to detail, ability to follow directions, and reliable punctuality desired as testing is highly time-dependent. Hours will vary over the course of the internship, with more hours required (15-20) during the field season, and fewer (5-10) during lab work. Opportunities may exist to assist with planned analyses, develop further analyses, or assist with literature research. If you are interested, please contact Jake Courkamp at jacob.courkamp@western.edu.

Possible Student Project:

Currently homes in the old Irwin townsite are required to have leach field and not permitted to install incinerating facilities for human waste. Do leach fields produce more pollution than an incinerating toilet? Investigating these techniques, and the consequences associated with each could be a project that would not only benefit the community, but also the headwaters. Contact Amy Honan (ahonan@western.edu) for more info (she works in the biology department).

Jobs:

Tendrill is hiring a Utility Industry Specialist in Boulder. The job description can be viewed online [here](#).

Both MEM cohorts getting together to discuss.



Job Links:

[Environmental Services Intern, Public Works Department, Water Utilities Division, City of Tempe, Arizona](#)

[Director of Freshwater & Marine, The Nature Conservancy, Austin, Texas](#)

[Local First Arizona Sustainability Internship](#)

[Local First Arizona Marketing Internship](#)

[Tenure-Track Faculty Positions in Sustainability, Division of Environment and Sustainability, Hong Kong University of Science and Technology](#)

[Environmental Planner 3, State of Washington, Lacey, Washington](#)

[Pesticide Education Specialist, State Department of Agriculture, eastern Washington](#)

[Environmental Technician, City of Mesa, Arizona](#)

[Communications Intern, Global Health Institute, University of Wisconsin-Madison](#)

<https://www.americanrivers.org/about-us/careers/>

MJ Pickett leading a biking ag tour around Gunnison during the MEM Residency.

