Western State Colorado University

Environmental Management, Elevated

Center for ENVS Newsletter

April 8th, 2016

Ayodeji Oluwalana, from Nigeria (West Africa), is an easy-going, young married man who loves playing soccer and has a beautiful wife and a son. He made the choice of Western and the MEM program, of which he is getting ready to finish his first year, that was born out of his quest to have a Masters degree outside the continent of Africa for global exposure. He chose the MEM program at Western because of the richness in the curriculum which perfectly suited his career goals as well the awesome Professors Dr, Hausdoerffer & Dr. Chavez. For his project, he is looking to work on "Alternative Utilization of Non-Recyclable Plastics for Sustainable Solid Waste Management in Gunnison, Colorado". This project idea came as a result of a combination of his experience while quantifying the recycling materials on campus to create a baseline data on how much Western recycles as well as from the lack of plastic recycling for non #1 & #2 plastics which is a socio-demographic challenge of Gunnison. To start his project off, he's proposing a training program for residents of Gunnison which will include campus students on the innovative utilization of plastic bottles for constructing low-cost houses. He hopes to have a substantial impact towards promoting local economic development, especially for low-income residents, and can encourage and enhance students' creativity through participation in environmental sustainability, as well as by being a Sustainability LEAD Coordinator.



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 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>

Summer Sublease: Cassidy Tawse-Garcia is a graduating MEM student who is looking for someone to sublease her room in the town of Crested Butte from May 9th - June 21st. She can be flexible with start and end dates on either side. Potentially to extend lease starting July 1st for the right person. It's a one bedroom in a two bedroom house. Females are preferred, but she can be flexible. They must meet with the other female roommate. No dogs. Sweet backyard and off street parking. \$475 per month, plus utilities. Call her at 303-913-8897 or email at cassidy.tawse@me.com for details.

Items of Interest:

Student Opportunities for Service-Learning: One Heart Source is currently accepting applications for their 2016 Volunteer Programs. They are offering a variety of week programs in Jamaica and South Africa this summer! As an OHS Volunteer you will: develop the international experience graduate schools and employers look for, gain skills in academic tutoring, international communication, and community outreach, mentor students to realize academic growth and cultivate lifelong relationships, and connect to an international network designing global uplift. Apply here for our Volunteer Programs. 2016 Application Next Application Deadline: TODAY, April 8th.



Organics Guild Elections: Elections for the Organics Guild will be held on **Thursday, April 14th at 12:30pm** in the Chipeta Lounge. If you do not have a key, you can enter through the garden. All positions will be open for running. In order to continue our success as a club they need people to step up and run for positions. You will not be alone in your responsibilities as an officer. You have the whole club to back you up and the power to create committees if your obligations become too much to handle. The positions for officers in the Organics Guild include President, Vice President, Treasurer, Secretary, Director of Public Relations, Community Outreach Coordinator, Director of Special Projects, Director of Campus Dining Relations, and Historian. Any of these positions can be a great resume builder and do not require any prior experience.

Environmental Career Speed Dating Night: During Earth Week, On **Monday, April 18th at 5:30-8pm** in the UC Ballroom, there will be a "speed dating" event for all students, specifically ENVS as well as MEM students, who plan on attaining a career in the environmental field with their degree. This is your chance to hear from several different local speakers and representatives who are very passionate about their work and **dinner will be served at 5:30**. You will then have the chance to converse with each representative you would like through rotation and receive more information about their specific position. The main goal for the night is for students to develop an idea of what they would like to do with their degree and observe all the different opportunities there are. Thank you to all and please feel free to share this event with others!

SusCo Scavenger Hunt: Join the Sustainability Coalition for a Sustainability Scavenger Hunt on **Wednesday April 20th from 5:30-6:30.** The scavenger hunt will begin at the UC fire pit. Everyone who finishes will win a free entrance to the Earth Day BBQ along with prizes for 1st -3rd place. Teams and individuals are welcome, please sing up in advance by emailing: westernstate.sustainability@gmail.com. And see attachment for this information.

Timekeepers Needed: For MEM Project Defense Week. They are looking for undergraduate volunteers to help as timekeepers during the MEM Project Defense Week from May 2nd-May 4th. You will need to commit to at least one 1.5 hour long session. Please contact Mandy Casteel-Denney, mcasteel-denney@western.edu, if you are willing to assist.

2nd Annual Natural Resources Fair: The NRF is designed to bring the community together along with WSCU, GCEA & Cold Harbour Institute in an effort to educate Gunnison county about how we are using our natural resources, alternative energy sources, current projects from WSCU Environmental studies/management departments and to showcase any other sustainable initiatives. It is designed to promote awareness and educate the community. See the facebook page link <u>here</u>. It is on **Thursday, April 21st (day before Earth Day) at 10am-1pm** at the Fred R. Field Western Heritage Center, there will be a fun, open to the community event for water, food, energy, Conservation, sustainability, and safety. MEM students are encouraged to volunteer or showcase their projects at this event so contact <u>mcasteel-denney@western.edu</u> if you are interested.

Executive Summer School in Global Environmental Policy: August 28th through September 7th the Universite De Genève will be providing an intensive immersion in the latest political and scientific issues on the global environmental agenda in the unique context of International Geneva. The GEPP is a unique learning initiative that bridges the often-disconnected worlds of internationally-renowned scientific research and multilateral governance processes. Learn more about it and the application process <u>here</u>! Also you may seek more information in the attachments.

2016 National Watershed and Stormwater Conference: Next Tuesday, April 12th, 9-5pm The Center for Watershed Protection's 2016 National Watershed & Stormwater Conference will take place in multiple locations across the US as well as online as live webcast, so no matter where you are, you can attend! Learn more <u>here</u>.



Sustainability Coalition: SusCo's **Tuesday evening meetings at 5pm** in Kelley 118 are fun, brief, and full of great sustainable ideas. They will be selling smoothies soon and have a lot coming up for Earth Week! Everyone is welcome to stop by during the meeting times and is encouraged to do so. Their social media as follows: Facebook: Western State Colorado University Sustainability Club, Instagram: westernstate.sustinability and Twitter: western_sustain.

Traveling to Denver: If anyone will be traveling from the Denver Airport **Wednesday April 27th** to Gunnison for the Spring Intensive and may want to car pool, contact Linsdsey at <u>erikahlindsey.lunsford@western.edu</u> if you are. Her flight gets in in the morning and she would love to be able to ride with someone to campus.

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. So please check this out and see if it's right for you! If you have any questions contact Sandy Cruz 719 539 7585 or see attachment.

Exciting Scholarship Opportunity for Young Adventurers: This scholarship is for students who want to attend the High Mountain Institute Gap semester. HMI Gap inspires the next generation of civically-minded leaders through outdoor adventure and service. Our Civic Adventure scholarships are merit based and recognize students who have demonstrated excellence in civic engagement and a passion for the environment and outdoors. Taking a gap year or semester is a great opportunity for students to get the most out of their college education, helping them develop the critical social and emotional intelligence to navigate the numerous challenges and opportunities that college presents. **Application deadline is April 30th** and more information can be found on the attachment.

Details About ENVS 690 Intensive: There is great excitement for a productive and inspiring kick-off for your project planning during the ENVS 690 intensive **from April 27th-29th**! Remember that classes will wrap up by April 22nd, so this intensive will offer you a chance to focus on project development before the summer. If you haven't identified a project, please take this time to meet with your advisor and hone in on ideas so that the intensive can be as productive as possible. You may want to be thinking about who your community sponsor may be (see ENVS 690 syllabus-attached-for more details), as well as what readings/websites/consultations you want to include in your summer reading list. Please see the draft ENVS 690 schedule (attached), so you have an idea of what we'll be doing each day. In addition to the intensive, are also asking all students to attend at least half of the MEM panels that will occur the following week (May 2-4th). The schedule with panel topics is attached. Please peruse this list and decide which sessions you are most interested in attending. All of the events (690/694) will take place in Crawford 119 unless otherwise noted. They are currently expecting all of you to be there in person for the summer intensive, as we have not received exception requests for this session. If you are a distance student and need lodging while you are in Gunnison, please contact Mandy (<u>mccasteel-denney@western.edu</u><mailto:<u>mccasteel-denney@western.edu</u>>) by **April 8th** and she will help to arrange it. Lodging is \$20/night with a \$10 fee for linens.

Student Funding Opportunity For Researchers in the Rocky Mountain Region: The Colorado Mountain Club Foundation announces the 2016 grant opportunity for students whose research is focused on the Rocky Mountain region. The Foundation awards grants ranging from approximately \$500 to \$2,000, in disciplines such as biology, chemistry, environmental studies, forestry, geography, geology, history, and law. Although fellowships are normally awarded to graduate students, undergraduates are also eligible. The deadline for these applications is **next Friday, April 15th.** Go to this <u>link</u> for more information.



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 so-cial 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.

SGA Sustainability Fund: Opportunities to fund student-led sustainability projects at Western are given through the SGA sustainability fund. Students contribute into this fund and it is a great opportunity for them to develop grant writing skills, develop an idea into a project and implement it, and contribute to making Western a greener institution. Proposals seeking funding <\$500 are accepted any time; requests for >\$500 deadline has now passed. Guidelines for proposals are attached. For more information, please direct attention to their web page.

Master Students- Taos Ski Valley Sustainability Project Possibility: Jordan Osternman, a local Sustainability Coordinator in Taos, has come up with potential Master projects which entail helping to assess the feasibility of onsite small-scale biomass energy production and develop a plan for implementation, assisting with the development of a comprehensive waste management program for the resort, developing building a commercial grade composting facility for the resort, and so forth. If this sounds like something that would interest you as a Master student, contact Jordan Osterman at Jordan.Osterman@skitaos.com.

WSCU Sustainability Survey: Please take a moment to participate in a survey regarding sustainability on campus. your efforts will be greatly appreciated and result in more relevant and meaningful sustainability initiatives being propose din the next few years. As well, you can enter for a drawing for awesome prizes. <u>Survey Here!</u>

TWS Game Bird Scholarship: TWS has an annual \$2,000 game bird scholarship in memory of Don Rusch, a supervisor and mentor of professor Pat Magee's. For the past several years he has served on the selection committee for this scholarship and they are looking for Master's degree candidates in 2016. See attached Announcement and RFA. **Applications are due May 1.**

Writing Opportunity for Students: Earth Directory, a nationwide green business directory is searching for some talented environmental science students to write on topics such as Climate Change, Energy-Efficiency, Recycling, and Sustainable Business, etc. You may contact Todd Lehman, Earth Directory President, at Office: (385) 202-5904 Direct: (801) 628-0450 Fax: (720) 729-8347 Address: 9029 E Mississippi Ave #F303, Denver CO 80247 with submissions. More info in Attachment.

Kifaru Youth & Children Center Volunteers: Kifaru Youth & Children Centre (KYCC) is a Non-Governmental Organization established in 2014 and structured as a Community Based Organization (CBO). Kifaru Youth & Children Centre is headquartered in Karatu District of Arusha, Tanzania and within the Northern Circuit of East Africa. Close by are Ngorongoro and Serengeti National Parks. They are currently looking for volunteers to help create educational opportunities for marginalized people in remote areas of Tanzania, East Africa. Their website can be found here and additional info is on attachment.



The Project Management Fundamentals Course: The Project Management Fundamentals Course is designed for those seeking professional project management certification. It serves as a thorough introduction to the fundamentals of project management. Those seeking additional credentials such as the PMP®/PgMP®, PMI-SP®, and PMI-RMP® will benefit from this dynamic and interactive work session, while those currently holding credentials will find the certification to be an enhancement as well as the most up to date advanced professional development. Tuition for the three-day Project Management Fundamentals Course is \$595.00. Participants may reserve a seat online at the <u>Project Management International website</u>, by calling the Program Office toll-free at (888) 201-6372, or by sending their name and contact information via email to the <u>Program Registrar</u>.

Tatoosh 2016 | Field studies & research in Alaska: The Tatoosh School is a nonprofit, university-level field school with a beachfront base camp on Prince of Wales Island and lecture halls in the towns, oceans, and forests of Alaska's Inside Passage. They're keen to get the work out about a few spots left on Tatoosh courses in 2016. Eager to have strong representation from students in Environment and Sustainability programs. Courses such as a 3-week Intensive Community Ecology: Salmon, People, Place course in May 16 – June 7, 2016 are currently being offered so go check them out at their website.

Student Funding Opportunity For Researchers in the Rocky Mountain Region: The Colorado Mountain Club Foundation announces the 2016 grant opportunity for students whose research is focused on the Rocky Mountain region. The Foundation awards grants ranging from approximately \$500 to \$2,000, in disciplines such as biology, chemistry, environmental studies, forestry, geography, geology, history, and law. Although fellowships are normally awarded to graduate students, undergraduates are also eligible. The deadline for these applications is **April 15th.** Go to this <u>link</u> for more information.

Sustainable Development of Natural Resources Course in Scotland: May 15-17 2016, Luke Danielson will be teaching a short course entitled Community Rights and Expectations in the Sustainable Development of Natural Resources at the Centre for Energy Mineral and Petroleum Law and Policy at the University of Dundee, Scotland. For more information you can go <u>here</u>.

Fresh Produce Subscription: The Organics Guild and Thistle Whistle Farm would like to announce their partnership in a Community Supported Agriculture Pick to Order Program. The program would act like a subscription in which the subscriber could pick up a box of fresh, local produce at the Chipeta Garden every Saturday. The boxes would start arriving in June and would continue through Autumn. If you might be interested in signing up for this program please fill out the form at this <u>link</u>. They will keep you posted as we gain interest in the program. They hope to make organic, local food more available for the Gunnison Valley. Any questions please email: ThistleWhistleCSA@gmail.com

2016 San Juan Mining and Reclamation Conference: August 3-5th in Durango and Silverton, the 2016 San Juan Mining and Reclamation Conference will continue to build on the shared understanding of the impacts of our local mining history. This year's conference will consider the Gold King Mine spill to understand how mine disturbances affect our communities, especially our water resources, and ways to engage stakeholders to prepare and implement innovative responses. There will be opportunities to discuss, educate and collaborate on the importance of maintaining a balance between mineral extraction practices and their effects on water systems and other natural resources. Join them for a daylong conference near Durango on August 4th and field trips into the Durango and Silverton mining districts on August 5th to observe the anniversary of the Gold King Mine incident with networking and learning about the nexus between mining and water resources and positive ways for our communities in southwest Colorado to prepare and respond.



Register Today! National Collaborative Restoration Workshop: *Working Toward Resilient Landscapes and Communities* registration is now open for those of you who want to work toward resilient landscapes and communities. Collaborative restoration efforts are tackling large-scale and cross-jurisdictional projects. This workshop will be taking place April 26th-27th, 2016 and will be held in Denver, CO. Go to this <u>link</u> to for more info.

Project Opportunities:

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 AR-DAP at http://www.ardap-kenya.org or ARDAP Kenya on Facebook, working with Eco2librium to start briquette production in Busia County, fundraising for a scholarship to send a college graduate from Enduru to the MEM, and other project ideas. 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.

Jobs:

Hiring Crews for SBEADMR Monitoring: The Color ado Forest Restoration Institute at Colorado State University is hiring <u>one</u> forest research field crew leader to implement spruce beetle research near Lake City, CO. Duties include measuring forest regeneration, forest structure, fuels, and ground cover in spruce forests in central Colorado. This position will be based out of a remote, BLM bunkhouse outside of Lake City, and require commitment to stay out there for the duration of the field season (mid-June through September) Ideal candidates will be recent graduates with the ability to conduct remote field work into September. To Apply: Submit a resume in PDF format to Kevin Barrett Kevin.J.Barrett@colostate.edu Please include 1) contact info for three references, 2) start and end dates you are available to work, 3) expected graduation date. Colorado State University requires all employees to pass a background check. Applications reviewed as received, or by **TODAY April 8th, 2016, at 11:59pm.** Questions? Contact: Kevin Barrett, Forestry 126a, Kevin.J.Barrett@colostate.edu. More info on attachment.

UGRWCD Internship Program: The Upper Gunnison River Water Conservancy District is offering two paid summer 2016 internships, in these areas: PUBLIC EDUCATION & OUTREACH INTERNSHIP The Upper Gunnison River Water Conservancy District is seeking an intern to work with staff on ways to use local and regional media, including internet and social media, to increase public understanding of Upper Gunnison River water resources, and present and future challenges and opportunities for those resources. Requirements: Good writing and thinking skills (college-level examples required); minimum time commitment in-office of 5 hours/week; and a passion for intelligent, sustainable and all-inclusive resource development and use. COMMUNITY DEVELOPMENT INTERNSHIP The Upper Gunnison River Water Conservancy District is seeking a gregarious and outgoing intern with good 'people skills,' to assist in developing a higher level of water consciousness in the Upper Gunnison valleys. Some specific tasks will involve working with school-age children at Water Festivals and; others will involve organizing educational environmental stewardship projects in the field with older students and adults. **Application deadline is next Friday, April 15th.** Please submit to Upper Gunnison River Water Conservancy District, 210 West Spencer, Suite B, Gunnison, CO 81230, or via e-mail to beverly@ugrwcd.org.

Summer Jobs in Gunnison with the WCCC: Jeff Roberts, the Director of Western Colorado Conservation Corps, is currently looking to recruit some solid crew leaders and crew members to be apart of their 2016 summer Gunnison Headwaters Crew! You'll have the opportunity to build new Mountain Biking Trails and enhance the Gunnison Sage Grouse habitat. <u>Apply now</u> or call (970) 241-1027 for more information.



Proposals Sought for an Executive Director Consultant: RWEACT (Rio Grande Water shed Emergency Action Coordination Team) -- together with the Rio Grande National Forest and funded through the Colorado Water Conservation Board, the Department of Local Affairs, and the Office of Emergency Management – works to promote partnerships and actions that provide for public safety and resiliency of communities and watersheds of the Rio Grande Basin of Colorado. More organizational information can be found at www.rweact.org. CO In Lake City, CO RWEACT is working with Hinsdale County to solicit proposals for an Executive Director Consultant to strategically lead and build capacity efforts for their regional watershed stewardship collective. Five working groups implement projects emphasizing economic recovery, communications, natural resources, hydrology, and emergency managers. Funding for these endeavors have come through two Governor's Executive Orders and several grants. The complete Request for Proposals (RFP) can be viewed on RWEACT's webpage (www.rweact.org) beginning today (look for the big red box!). Submitted proposals must follow guidelines and are **due no later than April 15th** at the Hinsdale County Administration office. Any questions can be directed to Kristine Borchers at 970-596-9071 or kristineborchers@yahoo.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 <u>Retta.Bruegger@colostate.edu</u> so that she can send those that are interested an application.

Steamboat Lake State Park Jobs: Colorado Parks and Wildlife is now hiring for summer, seasonal positions for ranger positions, Aquatic Nuisance Species Inspector and more. Applications can be found <u>here</u>. More info on attachment as well.

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. 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 <u>sign-up for a future session</u>. There will be both an in-person (in NYC, DC, SF) and online section of the fellowship. There is a common application for both the online and in-person sections. All sections will be from 2016-06-06 to 2016-07-29. Here is the application link:https:// www.thedataincubator.com/fellowship.html#apply?ref=wY2tuYXBwQHdlc3Rlcm4uZWR1. You can learn about our fellows at <u>The New York Times</u> or <u>Palantir</u>. To read about our latest fellow alumni, check out <u>blog</u>. To learn more about The Data Incubator, check us out on <u>Venture Beat</u>, <u>The Next Web</u>, or <u>Harvard Business Review</u>.

Summer Internship Opportunity- Environmental Education Interns: Internship opportunity that may be of interest to current and upcoming graduating students in the environmental studies, science, and management programs. In partnership with the National Park Service at Curecanti National Recreation Area and Black Canyon of the Gunnison National Park, American Conservation Experience (ACE) is seeking two interns to directly assist with the development, coordination, and delivery of the Advanced Junior Ranger Summer Camp Program taking place within the National Park Service Units. This summer internship opportunity is ideal for individual looking to gain hands-on work experience in the conservation field in environmental leadership, education, out-reach, and communication. As the camp participants will be from the surrounding communities located near the Parks, they are hoping to recruit interns locally from Western State Colorado University. To apply, Please submit a thoughtful cover letter, resume and contact for professional and/or academic references to Hannah Wendel at hwendel@usaconservation.org. Should you have any questions regarding this position, please feel free to call at (801) 946-5478. **Applications must be submitted by April 30, 2016.** Interviews will begin the first week of May.



Colorado Outward Bound School Field Positions: For Assistant Instructor positions, Logistics Coordinators, Marketing Interns, Culinary Interns, and more, go <u>here</u> 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.

Program Director for Grand Canyon Youth: Starting June 1st, In Flagstaff Arizona, The Program Director for Grand Canyon Youth (GCY) 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 .** See more info on the attachment.



Leonard Anthony, a very inspirational man pictured above, came to speak for the Native American Council yesterday evening about the importance and the history of the Navajo culture.

Photo taken by Hannah England

