

Western Students Travel to North Dakota

“The 13 students, Crouner, Cody Bontecou, Delaney Adrian, Landan Schaller, Bailey Stewart, Chris Doucet, Uma Costanza, Jodie Howard, Jessica Howard, Madison Manning, Lozen Miller, Jared Allen, and Louissa Rozendaal traveled to the North Dakota reservation November 19-22 to join forces with the Sioux Native American tribe and protesters, who call themselves Water Protectors, who are standing against the planned construction of the Dakota Access Pipeline (DAPL). The DAPL would be built half a mile from Standing Rock, and would require digging up sacred Sioux land and could contaminate the reservation’s water” - Roberta Marquette from Top O’ The World.



Housing: House for Rent: 2 BR, 1 BA, 800 sq. ft. house in West Gunnison. Washer & dryer, gas heat, hardwood floors, garage and shop space, on W. Tomichi near Senior Care Center. Big yard, off street parking, quiet neighborhood. Sorry, no smokers. Pets OK with pet interview. **Available January 1st, lease thru May 15, 2017.** Monthly \$1200 + utilities. Call 641-3875.

Events:

Sustainability Symposium: This is a unique sustainability event in Orlando on **January 9, 2017**. The linked [brochure](#) contains more information about the Symposium. Space is limited, so click [here](#) to register today. Enter the code **GBMFriends** when you register to access the rate of \$125.

Climate Reality Leadership Corps Training: Denver, March 2-4. At this three-day event led by former US Vice President Al Gore, you’ll learn about the important work citizens are doing to protect the future of our planet. You’ll also acquire powerful storytelling techniques so you can talk to people everywhere about the urgent crisis we face. For more information and to apply go [here](#).

Further Items of Interest:

Winter Programs at Black Canyon of the Gunnison National Park: Montrose, CO: Winter is coming and Black Canyon of the Gunnison National Park has opportunities to get outdoors. Ranger guided programs are designed to help you get started on experiencing the snow. Ski clinics and snowshoe walks are dependent upon snow conditions. Call the South Rim Visitor Center for updates at: 970-249-1914, ext. 423 More info about events below and continued onto next page.

- **Cross Country Ski Clinics: Saturdays, December 31 and January 7, 11:00 am.** Learn the basics of cross country skiing. This 2 hour clinic will cover simple striding and gliding and traveling in variable terrain and snow conditions. Meet at South Rim Visitor Center. You must provide your own ski equipment. Reservations required: (970) 249-1914, ext. 423.

- **Snowshoe Walks: January 11 – March 4, Wednesdays, Saturdays, and Sundays. 10:00 am Saturdays, 1:00 pm Wednesdays and Sundays.** Meet at South Rim Visitor Center. No special skill is needed to participate in these 1.5 mile walks. Allow 2 hours for the program. Snowshoes are available to use, free of charge, for these programs. Reservations required: (970) 249-1914, ext. 423.
- **Full Moon Snowshoe Walks: Thursday, January 12 and Friday, February 10, 5:30 pm.** Meet at South Rim Visitor Center. Experience a moonlit winter night on snowshoes. No special skill needed to participate in this walk. Allow 90 minutes for the program – be prepared for cold weather. Snowshoes are available to use free of charge. Hot drinks will be available after the program. Reservations required: (970) 249-1914, ext. 423.
- **Winter Night Skies: February 25 and March 25, 2017, 7:00 pm.** Meet at the South Rim Visitor Center. Join Sky Rangers and the Black Canyon Astronomical Society to learn more about what is happening in the night sky. The evening starts with a special program followed by night sky viewing. If the weather looks bad, call (970) 249-1914, ext. 423. Be prepared for cold weather.
- **The South Rim Visitor Center winter hours are 9:00 am to 4:00 pm every day (closed Christmas Day).** Western National Parks Association provides a bookstore inside the visitor center. A 15% discount is offered on all purchases every Saturday and Sunday through December 24.

Test Opening: Registration for the ISSP-Sustainability Associate (required to pass before applying to take the Certified Sustainability Professional exam) is open, and the Test Season will be open **between November 18, 2016 and February 18, 2017!** You can read more about the announcement [here](#), and interested candidates can apply [here](#).

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](#).

Udall Undergraduate Scholarships: The Udall Foundation awards scholarships of up to \$7000 to college sophomores and juniors for leadership, public service, and commitment to issues related to Native American nations or to the environment. More information can be found [here](#). Though applications are not due until **March 15**, the process is a bit of a commitment and beginning sooner rather than later is essential. If you have any questions, you can contact Western's Faculty Representative at jcoop@western.edu.

HMI Apprentice Program: Looking for a teaching experience with a twist? The High Mountain Institute's Apprentice Program offers the unique opportunity to explore teaching both wilderness education and traditional academics in Leadville, Colorado. As an instructor on multi-week backpacking expeditions and an assistant teacher in a high school classroom, you have the opportunity to positively impact your students while earning invaluable personal experience. You'll mentor students as a cabin head on our residential campus, lead activities, and collaborate with your peers in a graduate level seminar on educational theories over the course of the semester. If you are ready to be a part of a community that values knowledge, personal growth and challenge then please visit their [website](#) or contact Carrie Mallozzi cmallozzi@hminet.org

P3 Grant Applications: The U.S. Environmental Protection Agency (EPA) announces the release of the 14th Annual P3 Awards: A National Student Design Competition for Sustainability Focusing on People, Prosperity and the Planet Request for Applications. This college student design competition highlights the use of scientific and engineering principles in creating innovative projects to research and develop sustainable solutions to real world challenges. More info here at their [website](#). **Applications due Feb. 3rd, 2017.**

HMI Gap: Semesters in Adventure, Conservation, and Leadership for 18-22 year olds: Interested in taking a semester to explore the world while still earning some college credit? The High Mountain Institute's Gap semesters combine outdoor adventure, meaningful service-learning, environmental studies, and participation in a strong community to cultivate the skills and character necessary to succeed in college and beyond. They offer two programs: Fall Semester in the American West and Patagonia with a focus on rock climbing, wilderness travel, and conservation, and Spring Semester in Patagonia emphasizing wilderness travel, conservation, and culture. College credit is offered through The Colorado Mountain College. Financial aid is available. To learn more, visit [here](#) or contact Becca Schild atrschild@hminet.org.

2017 National Solar Conference: The American Solar Energy Society (ASES) has teamed up with the U.S. DOE Solar Decathlon collegiate building competition for an extra-ordinary event-filled two weeks in Denver, Colorado **October 5-15, 2017**. ASES's 46th annual conference, "SOLAR 2017: Building a 100% Renewable Energy Community," was held October 9-12, in between the weekends of public days at the Decathlon. ASES is working with Decathlon organizers to create additional educational, sustainability, and networking events for a fun, rewarding time for people of all ages to celebrate solar energy and sustainability in buildings. Submit Poster, ~switch, Technical Session abstracts, or Forum and Workshop proposals and more info [here](#).

Front Range Student Ecology Symposium: You are invited to participate in the 23rd Annual Front Range Student Ecology Symposium (**FRSES**) at **Colorado State University, February 22-23, 2017!** Organized by students, for students, this **FREE** event provides a supportive atmosphere for undergraduate and graduate students to present their current and future projects in any stage of development. We encourage you to seize this opportunity to practice science communication amongst your peers. More info can be found [here](#).

Eco Career Resources: The eco-friendly business sectors pave the way for promoting a green environment while encouraging job creation and economic growth. While green job growth has experienced periodic dips and setbacks, its overall trajectory is distinctly positive. This positive growth has resulted in exploding interest in college degrees and professional green careers in sustainable energy, agriculture, health, law and practically every other segment of the economy. Explore the nation's top green careers and the road map to landing one [here](#).

Boyd Evison Fellowship: Boyd Evison Student Fellowship for research in the Greater Yellowstone. The Grand Teton Association offers a graduate fellowship of up to \$10,000/project for graduate studies focused on documenting the almost intangible and disappearing aspects of the Greater Yellowstone Ecosystem, including Grand Teton and Yellowstone National Parks, the John D. Rockefeller, Jr., Memorial Parkway, and other public or private lands. Graduate students pursuing either a Master's or Doctoral degree are invited to submit proposals on the application form by **February 10, 2017**. More info can be found [here](#), and see attachments.

GeoScience Education Internship: Participate in the park's research, prepare fossil demonstration, and assist with interpretation with the visiting public. Applicants should be undergraduates or graduates majoring in the geosciences, vertebrate paleontology or earth sciences education and be able to work well independently in the office and in the field. Hiking in a mountain environment is required, along with experience or interest in public speaking. More info can be found [here](#).

Call for Contributed Presentations and Posters: For the Colorado Chapter of The Wildlife Society Annual Meeting **February 15-17 2017**, Hilton, Fort Collins, CO. They invite you to present an oral presentation or poster on the topics of wildlife research, ecology, management, conservation, education, or policy at the 2017 annual meeting of the Colorado Chapter of The Wildlife Society. **Abstract Submission Deadline: Monday, December 19, 2016.** Oral presentations: 20 minutes are allotted for each presentation - 15-minute presentation followed by 5 minutes for questions and answers. Oral presentations are limited to Microsoft PowerPoint; no other formats will be accepted. Poster presentations: Maximum dimensions are 4 feet by 4 feet in size. Submit abstracts as a Microsoft Word attachment to: Aran Johnson at ajohnson@southernute-nsn.gov. Provide all required information in one word document, provide the presentation title, author names, affiliations, and presenter addresses and emails, abstract text cannot be more than 250 words, and authors will be notified of acceptance via email by **Friday, January 6, 2017**. Please see attachments.

Jerry O'Neal National Park Service Student Fellowship: Applications are now being accepted for the Jerry O'Neal Fellowship for work in Glacier National Park, Grant-Kohrs Ranch National Historic Site, and Little Bighorn Battlefield National Monument. The fellowship aims to provide educational assistance for students seeking to understand natural and cultural resources issues and how these interact with human values. More info can be found [here](#). Applications are due **Feb. 16th 2017**.

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.

Project Opportunities:

Wolf Creek Pass Area Project Possibility: This is something that might be a great project for one of our MEM SRC (Sustainable and Resilient Communities) students. Student will conduct a Cost of Community Services Study that provides a baseline for evaluating the economic impacts of the proposed "Village at Wolf Creek" development on the surrounding communities. Student will be working with Rocky Mountain Wild Executive Director, Tehri Parker. The student should be self-directed and have previous economic analysis experience. More info about Rocky Mountain Wild can be found [here](#). For more info on this project email tehri@rockymountainwild.org. Rocky Mountain Wild can cover travel costs, and provide a \$1500 stipend for successful completion of this project.

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.

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.

Looking for Project Assistance and A Mentoring Opportunity? There is an opportunity to work with undergraduate sociology students this coming semester. Undergraduate students are required to assist with a sociology-related research project and contribute 75-90 hours. Requirements for mentors is that you engage students in the entire research project, help students accomplish their learning goals, and give students an applied experience of what research at a graduate level is like. If you are interested, please contact Corrie (cknapp@western.edu) before the beginning of the semester.

1st -year MEMers: As you continue to think about your 600-hour project, please consider the two listed below. If interested, please arrange a meeting with both Nathan King, Western's Director of Sustainability (nking@western.edu), Dr. Brooke Moran (bmoran@western.edu).

Western State Colorado University Zero Waste Coordinator: Responsibilities may include; Coordinate with and report to Western's Director of Sustainability; Serve Zero Waste Alliance's Western representative; Supervise recycling student workers; Drive zero waste events; Creatively and consistently engage campus community regarding waste; Work with campus purchasers to find responsibly sourced products (e.g., with little waste and packaging); Oversee waste management contract, including haul schedule; Pioneer new zero waste initiatives; Track ROI of initiatives

Western State Colorado University Energy Efficiency Coordinator Responsibilities may include; Install utility meters around campus; Track and monitor energy usage across campus; Analyze usage and make recommendations re: energy savings; Research energy saving projects and technologies, including ROI; Write grants; Explore potential renewable energy projects on campus.

Jobs/Internships:

Middle South Platte River Alliance Program Assistant: This position will provide assistance to the Coordinator in using the Watershed Master Plan and the MSPRA Strategic Plan to implement and evaluate priority programs and projects in an efficient and compliant manner ensuring collaboration with all stakeholders. Initiate, support and track volunteer projects. Research potential funding sources and assist with grant submissions. Track project status during planning, implementation, and monitoring phases. Find more information about the alliance and the position [here](#).

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](#).

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.

Intern with Natural Capitalism Solutions for the Fall. If you are interested in consulting or other sustainability endeavors, check out their [website](#). You can also contact David Mitchell, david.mitchell@western.edu.

Gunnison sage-grouse Grad Student Position: This project will require working collaboratively with federal and state agencies, counties, local working groups and nonprofit organizations already engaged in efforts to restore Gunnison sage-grouse habitat, and extensive travel around southwestern Colorado. The student will gain experience with ecological restoration, Gunnison sage-grouse ecology, working collaboratively with a variety of stakeholders, GIS analysis and mapping, public land management regulations and policy, and the Endangered Species Act. Student will be working with Rocky Mountain Wild Senior Conservation Biologist Megan Mueller. More info about Rocky Mountain Wild can be found [here](#). If you are interested, please contact Megan at megan@rockymountainwild.org. There is no funding for this position, but it would be a great potential opportunity for a student to work with Rocky Mountain Wild.

AmeriCorps VISTA Position: The position does not need to be filled by an MEM student. They are really interested in someone who could be primarily based in Lake City. Focus will be on outreach related to water use and energy efficiency so someone with good graphics and outreach skills would be ideal, but who also have a good grasp of the topics. They will be working on a basin wide watershed planning process with UGRWCD so that will probably be a major focus. Detailed work plan will be flexible and developed based on candidate skills and interests. More info [here](#). Applications are due **January 1st, 2017**.

NPS Internship: The NPS Climate Change Response Program and the University of Washington are pleased to invite graduate and upper-level graduate students and recent graduates to apply to the 2017 Young Leaders in Climate Change (YLCC) Initiative! The YLCC is a paid summer internship to work on diverse issues related to climate change and its effects in national parks. Please distribute to interested parties, with special attention to recruiting from schools with diverse student populations. Internship projects, eligibility information, and application instructions can be found [here](#). **The application deadline is Thursday, January 19, 2017.**

Site Supervisor & Program Manager Service Position: The CSU Extension 4-H STEM AmeriCorps Program is an initiative to provide youth exposure to STEM programming. Reports to: Site Supervisor (Christy Fitzpatrick) & Program Manager (Melinda MacPherson) Service Position Summary: This member serves in Chaffee county developing, strengthening and delivering youth development programs emphasizing 4-H STEM in out-of-school time settings to ensure that children and youth (ages 8-18) have the tools and opportunities that will lead to graduation from high school and preparation for entering the workforce while developing their interest in STEM. One part-time AmeriCorps position is needed. [CSU Extension 4-H STEM AmeriCorps Program](#)

Marketing and Community Relations Intern: The Better World Shopping Guide is actually a start-up non-profit looking for a dynamic individual to help them take the next steps towards making their ethical consumer guide and smartphone app more accessible! They are currently seeking a Marketing and Community Relations Intern in Gunnison, CO with experience in some or all of the following areas: social media, SEO, SEM and community relations, smartphone app development and community relations. Visit [here](#) for more information. This person must be organized, reliable and passionate about making an impact in sustainability or corporate social responsibility. This position is available for 11/28/16 through 2/24/17, and requires 5 hours per week.

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.

Rocky Mountains Newsletter Job Listings: [Here](#) you can find a list of some jobs being offered in their newsletter!

Some Job Links:

[Communications and Member Services Assistant, Urban Sustainability Directors Network & Carbon Neutral Cities Alliance](#)

[Principal Public Affairs Representative \(Conservation\), Metropolitan Water District of Southern California](#)

[BLM Wyoming Monitoring Coordinator deadline Dec. 12th.](#)

[Remote Sensing Analyst/Trainer Position](#)

[Geographer \(AIM Remote Sensing Specialist\)](#)

[Environmental Specialist \(Environment Now Coordinator\), City and County of San Francisco, California](#)

[Program Director, The Nature Conservancy, Santa Fe and Taos, New Mexico](#)

[Sun Devil Dining \(Aramark\), Sustainability Intern \(Spring 2017\), Arizona State University](#)

[Natural Resources Technician, Summit Lake Paiute Tribe, Humboldt County, Nevada](#)

[Fish and Wildlife Biologist, Summit Lake Paiute Tribe, Humboldt County, Nevada](#)

[Environmental Specialist, Summit Lake Paiute Tribe, Humboldt County, Nevada](#)

[Program Manager, Sustainability, McDonald's, Oak Brook, Illinois](#)

[Entry-Level Transportation Planner, Phoenix, Arizona](#)

A great time at the Holly Jolly D.I.Y. Christmas party a couple of weeks ago, pictured to the right. Looking forward to more D.I.Y events in the future!



More Job Links:

[Climate Change Manager, Save the Children, Australia](#)

[Planning and Analysis Intern, Maricopa County, Phoenix, Arizona](#)

[Policy Analyst, Biodiversity Programme, Institute for European Environmental Policy, Brussels, Belgium](#)

[System Wide Monitoring Program Coordinator, Lake Superior National Estuarine Research Reserve, University of Wisconsin, Cooperative Extension, Superior, Wisconsin](#)

[Director of Conservation Science, The Nature Conservancy, Portland, Oregon](#)

[Research Associate, Environmental Law Institute, Washington, DC](#)