

# Week of 4/13/09

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## \*\*\*Internships (Domestic)\*\*\*

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### SUMMER RESEARCH EXPERIENCE (UNIVERSITY OF KANSAS, PENNSYLVANIA STATE UNIVERSITY & INDIANA UNIVERSITY)

<https://www.cresis.ku.edu/education/reu.html>

Research Experience for Undergraduates (REU): This summer internship provides the opportunity for undergraduate students to conduct research on topics of global significance. Students work closely with faculty advisors and other student researchers.

If selected, students will receive:

- \* \$3800 Stipend
- \* On-campus room and board
- \* Tuition for one hour of college credit
- \* Transportation costs from their home to campus.

Eligibility: Highly motivated undergraduates who can successfully complete independent work and have a strong interest in climate-related studies and polar science are encouraged to apply. Students must have a minimum GPA of 3.0. Preference will be given to students completing their sophomore or junior year. Students majoring in physics, engineering (electrical, aeronautical or mechanical), geography, atmospheric science, geology, geophysics, computer science or mathematics are eligible. Women and minorities are especially encouraged to apply.

Location: CReSIS REU students can spend the summer at the University of Kansas (Lawrence, KS), Pennsylvania State University (University Park, PA) or Indiana University (Bloomington, IN).

Our Research: Do you know people who have been impacted by hurricanes or big storms? As coastal development expands with a growing global population and increased urbanization, the number of people living near the coast will expand, and the need to understand and predict future sea level rise is becoming increasingly important. The future of the Greenland and Antarctic ice sheets are the largest uncertainty in current sea level predictions. CReSIS is addressing this global need to understand and predict the role of polar ice sheets in sea level change.

Who? A team of world-class scientists and engineers working together is required to address the important issue of how the polar ice sheets will respond to climate change. CReSIS electrical engineers are developing innovative radars and seismic sensors to provide a three-dimensional image of what lies below the surface of these ice sheets. Other engineers are designing and building remote controlled, uncrewed aircraft to carry these sensors over the ice sheets. Glaciologists, geophysicists and GIS experts are using these results to create maps of the base of the ice sheet, and model ice sheet dynamics. Computer scientists are designing mobile units which can be used in polar regions to rapidly store, process and back-up data.

"Being able to do original research in my field was very fulfilling because I was able to learn at the same time as creating something useful".

-REU student

Contribute to research on Ice Sheets and Sea Level – apply to work at CReSIS this summer!  
Questions? email [reu@cresis.ku.edu](mailto:reu@cresis.ku.edu), Applications available in late November

## WETLAND ECOLOGY INTERNSHIP ARCHBOLD BIOLOGICAL STATION (FLORIDA)

A research internship is available at the MacArthur Agro-ecology Research Center (MAERC), a division of Archbold Biological Station, in south central Florida. Current research projects at the Center focus on wetland ecology and restoration, nutrient cycling and ecological interactions and environmental impacts in subtropical grazing lands, and the environmental impacts of cattle ranching. Research interns spend 20 hours per week assisting the MAERC Research Biologist with his ongoing research projects and 20 hours conducting their own independent research project. Intern research topics are varied but must relate to current research projects at MAERC. Topics of past research intern projects can be viewed at <http://www.archbold-station.org/abs/staff/pbohlen/pbohlen.htm>. MAERC is located at a working 10,200-acre cattle ranch comprised of varied pastures and prairies, woodland hammocks, and abundant wetlands. The Center supports collaborative projects with state agencies, universities, environmental organizations and cattle ranchers. Interns interact with staff at Archbold Biological Station, a vibrant and dynamic center for ecological research and education. The internship is ideal for recent graduates considering graduate school, or current graduate students interested in pursuing a thesis project at MAERC. The length of appointment is flexible but is generally 6 months. Current positions are available starting in May/June 2008. Interested applicants can apply by sending (1) a letter of application, including research interests and period of availability, (2) a resume or curriculum vitae, and (3) contact information for 2-3 references, to Dr. Patrick Bohlen at [pbohlen@archbold-station.org](mailto:pbohlen@archbold-station.org). Visit [www.maerc.org](http://www.maerc.org) or [www.patrickbohlen.com](http://www.patrickbohlen.com) for more information about our program or contact Dr. Bohlen at (863) 699-0242 x22.

## REU SUMMER RESEARCH POSITION: CLIMATE CHANGE IN ALASKA WETLANDS

Interested in learning about climate change science? Want to gain experience in northern ecosystems? We are seeking applications from enthusiastic undergraduates or recent graduates for a NSF-funded REU (Research Experience for Undergraduates) position to conduct summer ecological field research in interior Alaska. Only U.S. citizens or permanent residents are eligible for this position. The successful candidate will participate in the Alaska Peatland Experiment (APEX), which is conducting experiments examining interactions between warming, hydrology, and carbon cycling in boreal wetlands of interior Alaska. The student will participate in research projects that are quantifying vegetation dynamics, greenhouse gas emissions, and soil hydrology, and also will have the opportunity to develop their own individual research project. The APEX project is part of the Bonanza Creek Long Term Ecological Research (LTER) site, and our project personnel interact with LTER scientists across many institutions.

This REU position will involve a competitive monthly stipend. Travel to/from our field sites located outside of Fairbanks, Alaska as well as housing on the campus of the University of Alaska-Fairbanks will be provided. Successful candidates must demonstrate their ability to participate in rigorous fieldwork and to work well in a group, and must be willing to work long hours in the field, occasionally under adverse weather conditions. Knowledge or background in wetland ecology, plant ecology, and statistics would be an advantage for this position.

Interested applicants should send a copy of their CV and a written statement of research background and interests to Dr. Merritt Turetsky ([mrt@uoguelph.ca](mailto:mrt@uoguelph.ca)).

## ARCTIC VEGETATION- SUMMER RESEARCH OPPORTUNITY IN ALASKA

We are seeking enthusiastic undergraduates and recent college graduates who are interested in summer field research in Alaska. The overall objective of our research program is to understand the ecosystem and global consequences of potential future changes in arctic vegetation. The successful applicant will assist with fieldwork in our tussock tundra site and laboratory work

consisting of tasks such as plant sorting and data entry. In addition, the successful applicant will attend weekly seminars on the research at the station, will develop his or her own individual research project on a topic related to the program and his or her own interests, and will present his or her work at an informal symposium at Toolik Field Station.

The focus of research this summer is to understand how plant species traits affect ecosystem processing of C and N, and how changes in the species abundance may alter C and N cycling under a warming climate. We have been collecting data on plant traits from a suite of species growing in different tundra ecosystem types, and will finish that collection this summer. Data are being compared with similar plant traits collected in ecosystems at a range of latitudes across the Americas, to assess the contribution of functional diversity to ecosystem processing of C and N under land use and climatic change. The successful applicant will also assist with other projects, including one focused on the mechanisms by which winter processes affect the summer growth of vegetation, and the consequences of shrub expansion under a warming climate for biogeochemical cycling of C and N. We have set up snowfences in tussock tundra, low shrub tundra, and taller shrub tundra, in order to assess how increased winter snow affects mineralization of N overwinter and growth and recovery from snow-loading of shrubs and other vegetation in the following summer. We will continue to follow vegetation growth in this study, and will continue measurements of shrub response to, and recovery from, mechanical loading by snow. This project should improve our understanding of land surface changes currently occurring in the Arctic, and their potential impacts on climate. Finally, the successful applicant will help with a project focused on understanding the contribution of vegetation and disturbance to landscape-level fluxes of carbon, water, and energy in tundra ecosystems. Successful applicants will be based at Toolik Field Station, north of the Brooks Range in arctic Alaska (<http://www.uaf.edu/toolik/>), which is the focus of research by nearly 100 scientists who work on a variety of terrestrial and aquatic ecology projects.

For more information, contact Dr. Syndonia Bret-Harte ([ffmsb@uaf.edu](mailto:ffmsb@uaf.edu)).

There is one position, which pays a stipend of \$436 per week (before taxes). The position will begin in early June and end in late August of 2009.

Class background in plant ecology, botany, ecosystem ecology, statistics, and computer science would be an advantage. Experience in field or laboratory, experience with data analysis, and experience working in a remote field site is preferred. You should have skills with plant identification, data collecting and recording, data manipulation in Excel, and data analysis. Applicants must be willing to work in the field, occasionally under adverse weather conditions. Competent, careful, emotionally mature, and enthusiastic people desired! We want the work to be both fun and challenging. We encourage applications from women and minorities. A valid U.S. Driver's license is required, and successful applicants must provide a copy of their social security cards at the time of employment.

You must apply for this job on-line. To apply, please go to <https://www.uakjobs.com> and click on the "Create Application" link to select a User Name and Password and to create your application. Then, go to <http://www.uakjobs.com/applicants/Central?quickFind=66726>. Submit a cover letter that explains why you are interested in the program and how it fits into your long-term education and career goals. Also, describe your background and include anything that you think would convince us that you are the most appropriate person for this position. You must also submit a C.V. or Resume and the names, telephone numbers, and email addresses of three professional references. If you need assistance, please contact UAF Human Resources at 907-474-7700 or stop by 3295 College Road, Room 108, Fairbanks, AK 99775-7860 between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday (closed noon -1 p.m.). Applications will be reviewed beginning April 16, 2009.

UAF is an AA/EO Employer and Educational Institution.

## SUMMER FIELD TECHNICIAN POSITIONS (CORVALLIS, OR)

We are seeking 3 technicians to help with field and lab work this summer (June 1 – June 30). The project broadly aims to quantify N-fixation rates of shrubs, and effects on Douglas-fir growth in the Klamath-Siskiyou forests of northwestern California. Pay is 10-12\$ hour, commensurate with experience. Field work is in Northern California, based out of Happy Camp, and will follow an 8 day on, 6 day off field schedule. Lab work will take place at Oregon State University in Corvallis, OR after all field work is complete. Housing in Happy Camp, as well as transport to and from Corvallis (1x) are covered. Experience with measurements of trees and shrubs, identification of woody plant species, working with soils, and lab work are desired, but not necessary. Field work is in rough terrain with some poison oak and a lot of sunshine. Please contact Stephanie Yelenik ([stephanie.yelenik@oregonstate.edu](mailto:stephanie.yelenik@oregonstate.edu)) for more information. Send a CV with contact information for 2 references if you wish to apply.

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### \*\*\*Opportunities\*\*\*

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#### GLOBAL IMPACT CORPS: VOLUNTEER ABROAD OPPORTUNITIES

Please forward widely.

Global Impact Corps: Innovative, Effective Volunteering Abroad

Be a Global Impact Fellow in Ghana, Honduras, or India

Spring, Summer, Fall, and Winter Opportunities

<http://www.uniteforsight.org/volunteer-abroad>

Unite For Sight has been featured weekly on CNN International and in The New York Times

Unite For Sight is the world's leader in socially responsible, effective volunteering abroad. We engage, inspire, and train high-impact volunteers who support and assist eye clinics globally. Unite For Sight supports eye clinics worldwide by investing human and financial resources in their social ventures to eliminate patient barriers to eye care. With the assistance of volunteers like you, Unite For Sight has restored sight to 21,190 patients and provided eye care to more than 700,000.

All volunteers participating in Unite For Sight's international programs are Global Impact Fellows. Our goal is to build entrepreneurial leaders who gain skills in social change through Unite For Sight's immersive global health experience. Through hands-on, structured training, we instill in our Global Impact Fellows a thorough understanding of sustainable best practice principles in volunteerism, global health, and international development. Global Impact Fellows gain skills and are nurtured to become new leaders in global health.

Why Become A Global Impact Fellow?

- \* Experience the thrill of contributing to change on the highest level
- \* Be part of global problem solving

- \* Receive hands-on training in community-based program delivery
- \* Be immersed in effective global health and eye care programs
- \* Be inspired to become a leader in global health
- \* Join a movement of social innovators committed to global health and sustainable development
- \* Be engaged in ethical, high quality and high impact volunteerism
- \* Volunteers are encouraged to pursue entrepreneurial projects and research studies
- \* Become part of an alumni network that supports leaders in social change

Locations (volunteer for 10 days, 20 days, 4 weeks, 6 weeks, 8 weeks, 10 weeks, or more)

- \* Accra Region, Ghana
- \* Rural Villages, Ghana
- \* Tamale, Ghana
- \* Tegucigalpa, Honduras
- \* Bihar, India
- \* Chennai, India
- \* New Delhi, India
- \* Orissa, India

Complete Details: <http://www.uniteforsight.org/volunteer-abroad>

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## \*\*\*Master's Programs\*\*\*

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### MASTERS RESEARCH ASSISTANTSHIP IN COASTAL RESOURCE MANAGEMENT (BETHUNE-COOKMAN UNIVERSITY)

Graduate Research Assistantship - Masters

Coastal Resource Management

Integrated Environmental Science Program

Bethune-Cookman University

One research assistant position will be available beginning Fall 2009.

#### RESPONSIBILITIES

The successful applicant(s) will perform their thesis research under the supervision of Dr. Michael A. Reiter on an aspect of the assessment of coastal watersheds for resource management in an integrated modeling project funded by NOAA (the specific topic will be related to ongoing or new research in integrated assessment: contact Dr. Reiter for details). The assistantships carry a

stipend of \$16,000 plus tuition per year for up to three years (assuming satisfactory progress toward the degree and maintenance of a 3.0 gpa), based upon grant funding.

## QUALIFICATIONS

Minimum: U.S. citizenship, graduation from an accredited undergraduate program in a major applicable to resource management (any field science, resource economics, etc.), and acceptance to BCU's MS program are required. Individuals with an interest in interdisciplinary resource management are particularly welcome to apply. Successful candidates will be selected from among multiple applicants based on grades, communication skills, potential to work effectively and independently on scientific projects, and career goals. In keeping with BCU's historic commitment, minority students are particularly encouraged to apply.

## APPLICATION

To be considered, applicants must submit a letter of interest outlining any special qualifications, GRE scores, copies of undergraduate transcripts, and two recommendation letters to Dr. Reiter at the address below. The successful applicant(s) must also be accepted by the BCU Masters program in Leadership with an Emphasis on Environmental Issues (students will be transferred to the MS in Integrated Environmental Science upon final approval of the curriculum by the BCU Trustees) to receive the assistantship. For more information on the new Integrated Environmental Science program at BCU, visit <http://www4.cookman.edu/faculty/reiter/EnviSci.htm>. For details or application forms for the university's graduate program, visit [http://www.cookman.edu/admissions/graduate\\_prof/index.html](http://www.cookman.edu/admissions/graduate_prof/index.html)). Previous applicants to the program need not reapply. For more details on the research project or program, contact:

Michael A. Reiter, Ph.D.  
Associate Professor of Environmental Science  
Bethune-Cookman University  
640 Dr. Mary McLeod Bethune Blvd.  
Daytona Beach, FL 32114-3099  
V: (386) 481-2695  
F: (386) 481-2662  
Email: [reiterm@cookman.edu](mailto:reiterm@cookman.edu)  
URL: <http://www4.cookman.edu/faculty/reiter/index.html>  
AA/EOE

Screening will begin immediately and will continue until a suitable candidate is selected

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## \*\*\*Post-Graduate Part-Time Employment\*\*\*

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### VEGETATION SPECIALIST (Summer)

These positions are in support of the US Forest Service, Northern Research Station, Forest Inventory and Analysis (FIA): [www.nrs.fs.fed.us/fia/](http://www.nrs.fs.fed.us/fia/)

Time Period: June 1, through no later than September 11, 2009

Duty Station Locations: Old Town, ME; Manistique, MI; Columbia or Springfield, MO; Salem, MO; Allenstown, NH; Cortland, NY; Marietta, OH; Clearfield, PA; York, PA; Dunbar, WV; and Hayward, Rhinelander, or Wisconsin Rapids, WI

Duties: The Vegetation Specialists will be primarily responsible for the collection of FIA Vegetation Diversity and Structure Indicator data ([www.nrs.fs.fed.us/fia/topics/veg/](http://www.nrs.fs.fed.us/fia/topics/veg/)) including species identification and cover estimates for all trees, shrubs, herbs, graminoids, ferns, and fern allies occurring on FIA plots. The Vegetation Specialist will work as a member of a multi-person FIA field crew under the direction of a crew leader, and will assist with other field measurements as time allows. FIA plot locations are scattered throughout a state or groups of states and are not limited to National Forest Lands; the vast majority of the plots are located on private property. The work requires regular and recurring physical exertion in the form of travel on foot over rough, uneven, and steep terrain. Field crews travel frequently and work independently. The work requires several hours of driving, several days each week. During travel periods (approximately June through September), crews will change locations frequently, often on a weekly or daily basis. Lodging is generally in motel/hotels.

Qualifications Required: In addition to Botanist/Ecologist general qualifications (please see detailed job announcement for further details: [nrs.fs.fed.us/fia/employment/](http://nrs.fs.fed.us/fia/employment/)), applications will be evaluated for specific knowledge, skills, and abilities, including:

- + Ability to accurately identify regional vascular plant species – including trees, shrubs, herbs, graminoids, ferns, and fern allies – using regional and local comprehensive identification keys;
- + Ability to perform field data collection using handheld electronic data recorders and field equipment (e.g. compass, quadrat frame, clinometer, logger's tape, plant press, microscope);
- + Ability to perform basic field data editing using handheld electronic data recorders and word processing, spreadsheet, and database computer programs;
- + Ability to collect, press, and organize field plant specimens suitable for herbarium identification and reference;
- + Ability to plan work and meet deadlines to ensure data are collected, processed, and submitted in a timely manner.

For Further Details: Please see the detailed job announcement posted at: [nrs.fs.fed.us/fia/employment/](http://nrs.fs.fed.us/fia/employment/)

To Apply:

Application materials — including a current resume addressing the items outlined in the “Qualifications Required” section of the detailed job announcement, names and contact phone information for previous employers and references, a copy (unofficial is fine) of your most recent college transcripts, and the duty station(s) for which you wish to be considered — should be submitted to:

Katherine Johnson  
U.S. Forest Service, FIA  
11 Campus Blvd., Ste. 200  
Newtown Square, PA 19073  
Phone: 610-557-4188  
Fax: 610-557-4250  
E-mail: [www.thesciencejobs.com](http://www.thesciencejobs.com) while you apply.

## CUTTHROAT TROUT FIELD TECHNICIANS NEEDED (NEVADA)

Trout Unlimited is seeking 2 field technicians for work on threatened populations of Lahontan cutthroat trout in northern Nevada. We are monitoring population trends and movement in response to habitat improvements and increased connectivity from the removal of several culverts. Field sites can be remote and rugged, work is physically strenuous, and conditions are often uncomfortable (desert environment – hot days, cold nights, occasional storms). Interns must be in excellent physical condition, and be able to hike long distances with heavy equipment and camp for long periods. After initial training the pair of technicians will be working by themselves, and so work requires experience with 4WD driving, an ability to read and navigate by topographic maps, use of GPS to find site locations, ability to trouble shoot equipment problems

and other unforeseen situations, attention to detail with data collection, and ability to work independently and well with others. Fisheries background including electro-shocking experience a must.

Stipend is \$1500/month + \$20 per diem for work days, possibly negotiable depending on experience. Sampling to start the last week of August and runs through approximately the first week of Oct (~ 6 weeks). Technicians begin and end the season in Boise, ID, and must have an excellent driving record to be covered individually by our insurance. Interns need own sleeping bag/pad, and tent if desired, but TU has most other camping equipment (2 person tent, stove, pots, etc). TU provides vehicle, gas, and occasional hotel and other travel-related expenses throughout the field season.

APPLICATION CLOSING DATE is May 15th, 2009. If interested please send cover letter, resume and names and contact information for 3 references (names, phone numbers, e-mail addresses, and relation to applicant), preferably by email, to:

Helen Neville, Ph.D.  
Research Scientist  
hneville@tu.org  
910 W Main St, Ste 342  
Boise, ID 83702  
Phone: 208-345-9800

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## \*\*\*Post-Graduate Full-Time Employment\*\*\*

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### GIS/ENVIRONMENTAL SCIENTIST (SEATTLE, WA)

Job summary: Ecology and Environment, Inc. is a fully integrated environmental consulting firm whose underlying philosophy is its worldwide commitment to supporting sustainable development through responsible environmental stewardship. We are seeking a GIS / Environmental Specialist in our Seattle office to support a broad range of hazardous materials site investigations, emergency responses and removals, and Homeland Protection-oriented activities.

#### Responsibilities:

- Support technical and non-technical clientele on a variety of projects
- Support environmental data mapping and planning
- Participate on the emergency response team
- Conduct fieldwork at sites in the Pacific Northwest and Alaska
- Write sampling work plans and analyze and present data in formal reports

#### Requirements:

- BA/BS in GIS, Geology, Biology, Environmental Science or related discipline
- 1-2 years experience related to GIS technology including ArcGIS 9.x, Visual Basic, and MS Access
- Thorough understanding of a variety of spatial data types and coordinate systems/projections, cartographic design skills, GIS database development, spatial analysis, and GPS technology including differential correction.
- Familiarity with EPA analytical methods and knowledge of federal environmental regulations
- Environmental sampling and operation of monitoring equipment
- Travel
- OSHA 40-hr training strongly desired; Hazard Ranking System 40-hour training strongly desired
- Excellent computer, written and oral communication skills

E & E offers opportunities for growth in a team-oriented environment, competitive benefits package; including medical, dental, 401k and retirement plan. Please view our website at [www.ene.com](http://www.ene.com) to apply on-line. Join our team and make a difference!

Application Deadline: 2009-04-24

## FIELD BIOLOGIST (SALT LAKE CITY, UT)

**Primary Job Responsibilities:** Responsible for project compliance with various regulations in one or more environmental areas of concern. Will NOT have Project Management responsibilities at this level. As a scientist, the position may be involved in investigations of the potential impact projects may have on the environment, as well as alert engineers and architects to conditions that might affect design or even feasibility of site. May also be called upon for guidance on remediation projects, such as asbestos removal.

### Principal Duties and Responsibilities

1. Assist or independently conduct field investigations, to include, but not limited to: vegetation, soil, habitat, water, etc. This task may include sample collection.
2. Organize, plan and conduct Threatened, Endangered, Sensitive species field surveys, and prepare reports in support of permits and the NEPA process
3. May conduct wetland delineation surveys and prepare reports in support of the 404 b(1) permit process.
4. Prepares reports from field investigations as well as document and laboratory research.
5. May conduct Phase I and Phase II site assessments.
6. May perform subsurface investigations, and other environmental projects relative to air, water, waste permitting, environmental surveys etc.
7. Ensures that appropriate permits have been obtained relative to environmental regulations.
8. Prepare biological and environmental related sections for Categorical Exclusions,
9. Environmental Assessments, and assist in larger environmental projects such as FERC, federal projects, and Environmental Impact Statements.

### Training and Experience

- Bachelor's of Science Degree in Environmental Science, Biology, Geology, Botany, Range Science, Forestry, or Wildlife Ecology.
- A minimum of 2- years of work experience in one of the fields of environmental science, including laboratory sciences.
- Knowledge of and training in appropriate regulations affecting the specific area of concentration.
- Able to independently conduct fieldwork, including in extreme weather conditions.
- Working knowledge of GIS and GPS a very big plus!

### Other Essential Functions

- Proficient with MS Word, Excel and/or Access. Specify other software skills.

**Other Requirements:** The physical and mental demands of this position require the ability to perform the activities below, as indicated. Modifications may be made to reasonably accommodate individuals with disabilities.

Long days in remote areas

Outdoors all day in extreme conditions (desert heat, alpine cold)

Hiking

River crossing and wading

Overnight stays in either hotels or perhaps camping

May be up to a week in the field at a time

Apply now at

[https://irecruitment.jacobs.com/whalecom2f33d14bad9eea1e9cf6d926d05096ed1601ba/whalecom0/OA\\_HTML/OA.jsp?akRegionCode=IRC\\_VIS\\_VAC\\_DISPLAY\\_PAGE&akRegionApplicationId=800&p\\_svid=16251](https://irecruitment.jacobs.com/whalecom2f33d14bad9eea1e9cf6d926d05096ed1601ba/whalecom0/OA_HTML/OA.jsp?akRegionCode=IRC_VIS_VAC_DISPLAY_PAGE&akRegionApplicationId=800&p_svid=16251)

## SUSTAINABILITY EDUCATION AND YOUTH COORDINATOR (MARION, MASSACHUSETTS)

Position: Fulltime, at least one year commitment

Start Date: May 1 (or sooner)

Location: Marion, MA

[www.marioninstitute.org](http://www.marioninstitute.org)

[www.connectingforchange.org](http://www.connectingforchange.org)

### Job Description

The Marion Institute, a non-profit organization dedicated to identifying and promoting programs that seek to enhance life for the Earth and its inhabitants, is looking for a motivated, responsible and creative change-maker able to work on a number of exciting projects. Time will be split between two interrelated programs: Sustainability Education and the Bioneers by the Bay: Connecting for Change Youth Initiative. For more details, see below.

Candidates must have experience working with youth and a proven commitment to issues of sustainability and social justice. This is a full time position requiring at least a one year commitment. Must work well both collaboratively and independently.

Please submit a resume and cover letter, including 2 references, to: [lgrima@marioninstitute.org](mailto:lgrima@marioninstitute.org)

Bioneers by the Bay: Connecting for Change Youth Coordinator: [www.connectingforchange.org](http://www.connectingforchange.org)

- Design Youth Initiative programming for Bioneers by the Bay conference in October 2009
- Outreach to youth organizations and schools throughout the Northeast
- Coordinate logistics for youth groups attending Bioneers by the Bay
- Build relationships with local youth organizations
- Coordinate Youth Committee of high school and college students
- Plan fundraising and outreach events

### Sustainability Education Coordinator

- Design and implement curricula for both in school and after school programs
- Coordinate a series of field trips to local farms and Green sites
- Develop and coordinate various "Green Your School" initiatives from local food sourcing to in-school recycling programs to school energy audits
- Outreach – build relationships with educators, schools and youth organizations in the region
- Work with our existing Seed to Table programs and help start new ones
- Coordinate teacher trainings

### Requirements/Skills:

- Experience working with youth (primarily high school students from urban communities)
- Able to make a one-year commitment
- Strong commitment to social and environmental justice
- Experience managing a budget
- Basic abilities in graphic design a plus
- New media – Facebook, Twitter, etc. a plus
- Strong Microsoft Office skills

- Editing/writing
- Public speaking
- Outgoing personality and an open mind

#### Contact Information

Lena Grima 

508-748-0816

508-748-1976

202 Spring Street

Marion, Massachusetts 02738

United States

<http://capecod.careercast.com/careers/jobsearch/detail?jobId=16782229&viewType=main&networkView=main>

### SUSTAINABILITY SPECIALIST (ALMEDA COUNTY, CA)

A properly completed Supplemental Questionnaire must be submitted with each application. Applications and Supplemental Questionnaires must be in the possession of the Human Resource Services Department by 5:00 p.m. on the Last Day for Filing. Postmarks and faxes are not accepted. Failure to submit the Supplemental Questionnaire will result in disqualification.

Applicants are encouraged to apply on-line at [www.acgov.org](http://www.acgov.org)

EXAMINATION DATE: Week of June 2, 2009

Sustainability Specialists are assigned to assist program staff with the development, implementation and administration of county-wide sustainability programs and/or projects in distinct areas of specialty such as, but not limited to, environmentally preferable procurement, resource conservation, recycling, waste reduction, climate change, and green building. This position works with county departments and external entities in the course of promoting and advancing sustainability programs for county agencies. Incumbents in this position work in the Technical Services Department, a department of the General Services Agency.

**EDUCATION:** Possession of a Bachelor's degree from an accredited college or university in environmental science or engineering, planning, social sciences, public or business administration and/or a related field (information concerning the acceptability of degrees can be found in the brochure "Educational Requirements" which is available on the Alameda County employment web site and at the Human Resource Services office).

**EXPERIENCE:** The equivalent of one year of full-time experience in the field of environmentally preferable procurement, sustainability, resources conservation, waste reduction, recycling, climate change, green building or other related area including experience with responsibility for planning, administering, organizing and coordinating programs. Possession of a master's degree from an accredited college or university in environmental science, planning, social sciences public or business administration or a related field may be substituted for one year of the required experience.

**NOTE:** The Civil Service Commission may modify the above Minimum Qualifications in the announcement of an examination.

#### Knowledge and Abilities:

The examination may include, but may not be limited to, the testing of concepts related to:

The knowledge of:

- Laws and ordinances affecting one or more of the following areas: environmentally preferable procurement, sustainability, recycling, waste reduction, climate change, green building, or other related area.
- Research methods and practices.
- Basic principles of finance and project management.
- Laws and regulations pertaining to grant funding development
- Program evaluation and methodologies.
- Modern office procedures, methods and equipment including computers and various office software.

And the ability to:

- Assist in the development, implementation, and evaluation of programs and/or projects.
  - Prepare clear and concise reports, proposals, and written materials of a technical nature.
  - Interpret, explain, and apply policies, laws and regulations.
  - Assist in the development and management of budgets and expenditures.
  - Perform basic financial analyses.
  - Develop and implement program performance measures.
  - Identify grant opportunities and prepare grant applications.
  - Conduct outreach to county departments, professional peers, and the public.
  - Collect, analyze, and compile technical and statistical information.
  - Establish and maintain effective working relationships with staff, other agencies, and business community.
  - Communicate and negotiate in a persuasive and productive manner with groups and individuals.
- Develop and maintain various data collection, record keeping, and databases.

Examination Components:

1. Review of the applications for minimum qualifications.
2. Screening of applications and supplemental questionnaires to select best qualified candidate.
3. An oral exam weighted at 100% of the final score. (The oral interview may include situational exercises.)

Candidates must attain a qualifying rating on each portion of this examination. We reserve the right to make changes to the announced examination steps.

1405 Lakeside Drive Oakland, California 94612 (510) 272-6435

<http://agency.governmentjobs.com/alameda>

## SUSTAINABILITY JOB (PADMA GONPO, INC.)

Padma Gonpo, Inc. is the preeminent global solution provider for all things Sustainable. We currently have a pressing need for exceptional people. People that like to build relationships and have fun while helping people.

Our product and service offering range from simple training all the way to Geodesic homes and Low Mass Vehicles – and everything between. Anyone paying any attention to the news knows at least something about our products and services. Our goal is a simple one: we want to be the professional resource for all goods and services in the Sustainability Industry.

And you can be part of it!

You should:

- Enjoy being a self-starter and understand the importance of being organized.
- Have a strong drive to succeed and be rewarded for performance.

- Have experience selling to the public (face-to-face and on the phone).
  - Be able to follow processes and instructions.
  - Enjoy a rewarding, challenging opportunity.
  - Be willing to make new friends and help people streamline their businesses and personal life.
  - Know that a commission is not a compromise, but an offer to let YOU set your own income.
  - Want to be part of something bigger than a local market.
  - Have a vehicle that you can count on to get you there.
  - Enjoy opportunities to learn and grow in your profession.
- If you are tired of working so hard every year and having nothing to show for it, then this opportunity is for you.

Email resume to <mailto:info@padmagonpoinc.com> with "Sales Opportunity IL." in the subject line.

### ALLIANCES/BUSINESS DEVELOPMENT MANAGER (ANN ARBOR, MICHIGAN)

Trucost Plc is an environmental data services provider that helps clients to understand the environmental impacts of business activities. The company provides data and analysis on company emissions and natural resource usage and presents these in financial as well as quantity terms, providing the basis for an improved dialogue between companies, investors and other stakeholders. Trucost offers expert advice and research to major corporations, both public and private, institutional investors and to government departments and associated agencies. Founded in 2000, Trucost has developed a wealth of experience and expertise in the area of environmental performance, analysis and reporting. The company has researched and written the environmental reporting guidelines for UK business with the UK government, released in January 2006 and has worked with leading multinational companies in a range of business sectors including Avis, Bloomsbury Publishing, BSKYB, Compass Group, LogicaCMG, Legal & General, Prudential and Ryanair. Trucost is a young and expanding business and provides excellent opportunities for personal growth and development for new employees. Trucost is currently seeking an alliances manager to drive the growth of the current revenue of Trucost by developing and running sales programs directed at alliance and channel partners. (The alliances manager will work on site at NSF International based in Ann Arbor, MI as an employee of Trucost.)

[Click here to apply now](#)

<http://www.job.com/my.job/search/page=jobview/pt=2/key=33851735/>

### SUSTAINABILITY PROGRAM SPECIALIST (PORT AUTHORITY OF NY & NJ)

The Port Authority of New York and New Jersey is a bi-state public agency responsible for promoting transportation and commerce, operating some of the busiest and most important transportation links in the region including bridges, tunnels, bus terminals, airports, PATH, AirTrain systems, and the NY/NJ seaport.

#### Position Overview:

Under the supervision of the Manager of Sustainability Initiatives, the Sustainability Program Specialist will provide expertise in sustainability and management support of efforts to reduce the environmental impacts associated with the Port Authority's consumption of energy, water and other resources. The ideal candidate will have a general background and understanding of sustainable facility operations, an ability to manage and support projects, provide strategic and technical guidance to staff, and perform and present technical analyses.

#### Responsibilities:

Developing programs geared toward meeting the Port Authority's sustainability performance targets;

Managing programs in the areas of greenhouse gas reduction, air quality, waste minimization and recycling, water conservation, and environmentally preferable procurement; supporting the

implementation of the Port Authority's policy for sustainable design; offering guidance to staff in applying sustainability principles to facility operations; providing support and advice to departments as they undertake sustainability initiatives.

**Qualifications:**

A Degree in environmental policy, public administration, environmental science or related field, with 2+ years of experience in sustainability.

A Graduate degree is preferred.

Previous experience in management of environmental programs related to sustainable operations and green building.

The ability to guide project teams toward optimal sustainability strategies and environmental performance.

Knowledge of carbon footprint and baseline analysis, project evaluation, facility waste management, water conservation, and air quality.

Familiarity with state and federal laws, rules, regulations and guidelines pertaining to air quality, climate change, waste, water, energy efficiency, and green building.

Strong project management, organizational, and presentation skills.

Ability to work independently and with other staff members.

Ability to perform and present technical analyzes using MS Excel and other tools.

LEED Accreditation is desirable.

**Compensation:** The Port Authority offers a competitive salary and comprehensive benefits package and a professional environment that supports development and recognizes achievement.

**To Apply:**

Interested applicants can apply directly online to this position by visiting our [website](#).

<http://www.panynj.gov/jointheportauthority/> Follow the instructions to View Job Postings, type the following reference number 9498 in the Keyword Search box.

Only applicants under consideration will be contacted.

When you apply for this position, please say you saw this job on Green Dream Jobs!!

Contact Information:

<http://www.JoinThePortAuthority.com>

## ENVIRONMENTAL ENGINEER (SCHOFIELD, HI)

**Job Description** General Dynamics Information Technology is a top-tier IT integrator that provides information technology, systems engineering and professional services to customers in the defense, intelligence, homeland security, federal civil and commercial sectors. With 16, 000 professionals worldwide, the company has the customer knowledge, domain expertise and proven performance to manage large-scale, mission-critical IT programs.

Range and Training Land Assessment (RTL) Coordinator to work within the Integrated Training Area Management (ITAM) Program to monitor impacts of military training at USAG-HI. Work under the direction of the USAG-HI Integrated Training Area Management (ITAM) Coordinator, who sets program priorities and interfaces with other installation personnel. Plan, implement, and manage a variety of inventory and monitoring projects on Army training lands at USAG-HI training sites. Collect and analyze data relevant to program goals, and act as a professional natural resources consultant to the Range Operations manager. Assess both impacts of resource management on training and training impacts to natural resources. Support typically includes the following: Develop and maintain management and monitoring objectives using an adaptive process. Develop a comprehensive RTL protocol and keep it current. Coordinate data collection. Train and supervise field personnel. Assist the ITAM staff in preparing and presenting briefings. Prepare documents supporting land management decisions by the installation

commander. Assist with preparation of work plans for the RTLA component, including a budget plan, personnel and field equipment requirements, and a detailed description of anticipated fieldwork. Interact with installation, federal, state, and other agency staffs as necessary. Prepare periodic reports on various RTLA components for a variety of audiences, to include data summaries and analysis, maps, and status and trends in resource conditions.

BS/BA in range science, applied ecology, biology, natural resource management, geography, or closely related applied science field.

Requires 2-5 years experience in ecosystem monitoring or management. Experience in natural resources inventory and monitoring methods. Knowledge of ecology, plant taxonomy, and soils. Experience with global positioning system hardware and software. Must be able to conduct field work in extremely rugged terrain and adverse weather conditions. Knowledge of or ability to learn about training land management, military readiness, and military culture. Must be able to work with a diverse group of Army civilian and military personnel to include military trainers, range operations staff, ecologists, archeologists, and planners. Appointment will be contingent on successful completion of a background check.

Desire MS/MA in a field listed above. Supervisory experience. Experience with ArcGIS software, GIS database management and statistical analysis. Excellent oral and written communication skills.

Apply Online Directly with General Dynamics Information Technology  
<http://www.job.com/my.job/search/page=jobview/pt=2/key=34376888/>

## DIRECTOR, OFFICE OF SUSTAINABILITY (UNIVERSITY OF UTAH)

The Office of Sustainability grew out of the Sustainable Campus Initiative, driven by the student group SEED (Sustainable Environments and Ecological Design).

The Co-founders Alexandra Parvaz and Lindsay Clark started the group with the dream of helping the University of Utah progress towards sustainability. SEED created an action plan to bring the different campus stakeholders (faculty, staff, students, administration, alumni, and community members) together to collectively decide which path the U could take to become a more sustainable campus. During the 2006/2007 academic year they launched their Sustainable Campus Initiative.

### Responsibilities:

The Director of the Office of Sustainability will have responsibility for encouraging, leading, facilitating, communicating, reporting, integrating, and overseeing all University of Utah initiatives related to sustainability. Provide leadership and coordination to the many distinct sustainability efforts on campus and develop a consistent plan to reach long and short range program goals. In accomplishing this, the Director will operate with the administrative and academic areas of the University, and report directly to the Associate Vice President of Facilities Management. In addition, the Director has development responsibility for grant funding, corporate partnerships, and programs that promote campus sustainability efforts.

### Qualifications:

The Director must have a Bachelor's degree (preferably experience within a University and an advanced degree) or equivalent in an appropriate field required and at least 8 years experience implementing sustainability programs, or programs in a related field such as planning, environmental or resource management, facilities, or architecture, and substantial relevant leadership expertise and effective communication skills.

In addition, the Director must have a proven ability and an understanding of sustainability theories as well as local, national, and global sustainability initiatives and best practices, and experience

developing and executing creative plans and programs converting an organization such as the University to be more sustainable.

To Apply:

Please apply [online](#) and reference job #35763

When you apply for this position, please say you saw this job on Green Dream Jobs!!

Contact Information:

Emily Gardner

801-587-9938 (phone)

801-581-5571 (fax)

 [emily.gardner@utah.edu](mailto:emily.gardner@utah.edu) email address (requires JavaScript)

<http://www.utah.edu>

## RESEARCH ASSISTANT I - LTER/NICCR (HARVARD FOREST, MA)

The Ecosystems Center of the Marine Biological Laboratory is seeking applicants for a full-time, year-round Research Assistant. This position is funded in part through the LTER/NICCR soil warming experiments at the Harvard Forest in central Massachusetts. These experiments are part of a long-term study investigating the effects of climate change on carbon and nitrogen cycling in a northern temperate forest. Currently a newly DOE-funded soil and air warming experiment is being built, and the position also involves construction, maintenance and sampling on the new site.

Additional Information: Duties include on-site construction and management of a large air and soil warming experiment, which uses open-top chambers to study the effects of warming on various aspects of tree recruitment. Maintenance of two existing long term soil warming experiments, sampling of trace gases, soil, and vegetation for chemical analysis, laboratory analysis of samples, data management and analysis and participation in writing of scientific papers.

Basic Qualifications: College graduate with a Bachelor's degree in science (ecology, biology, chemistry, physics). Strong math and statistical skills, attention to detail, experience in independent research and coursework with laboratory and field components. Applicant must have experience with chemical analytical equipment including autoanalyzer, CHN analyzer and gas chromatograph. A willingness to learn about the electrical engineering aspects of the three warming studies is also essential.

Preferred Qualifications:

Physical Requirements: This position involves working outdoors as part of a team in 3+ seasons.

Required Applicant Documents: Resume/CV

Cover Letter

Special Instructions to Applicants: Unofficial transcripts are required documentation, but may be uploaded with your application materials or faxed to the Human Resources Office, 508-289-7931. If faxing, please reference the job posting number and title.

Apply online at <https://mbl.simplehire.com/>An Equal Opportunity Employer