

Week of 04/20/09

Internships (Domestic)

UNDERGRADUATE POSITION (REU) AVAILABLE IN WETLAND ECOLOGY (MICHIGAN)

Undergraduate Opportunity for Summer Research in Wetland Ecology in the Upper Peninsula of Michigan

We seek an undergraduate to work on a field project whose objective is to develop a better understanding of the processes that control methane production and emissions from a variety of different types of wetlands. Methane is a potent greenhouse gas that is naturally produced by wetlands, and there is concern that northern wetlands will emit greater amounts of methane under future global warming, providing a natural feedback to anthropogenic greenhouse gas emissions. The research will be conducted at a beautiful field station (University of Notre Dame Environmental Research Center [UNDERC]) in northern Michigan. The position is funded by the National Science Foundation Research Experiences for Undergraduates (REU) program at a monthly stipend of \$1,800 and includes housing onsite and airfare to and from UNDERC. The student will work in both the field and laboratory, will learn a number of cutting edge techniques in ecosystem ecology and biogeochemistry, and will have the opportunity for an independent research project. The successful candidate needs to be a continuing undergraduate (i.e., enrolled in school in fall 2009) in the natural sciences who enjoys both field and lab work. Send inquiries to Dr. Scott Bridgham, Center for Ecology and Evolutionary Biology, University of Oregon, at the following e-mail address: bridgham@uoregon.edu. Students from underrepresented groups in the sciences are encouraged to apply.

ALASKA FIELD ASSISTANTS NEEDED FOR REINDEER RESEARCH PROGRAM

Project details:

Volunteer field assistants are needed for work on a graduate student research project focusing on the habitat selection, diet composition, and breeding behavior of reindeer on the Seward Peninsula, Alaska. Teams of 2-3 persons will be tracking radio-collared reindeer over rugged and remote tundra. Primary duties include observing with a spotting scope, collecting detailed behavioral observation data, and collecting fecal samples. Extensive daily travel on the Seward Peninsula will afford you an unparalleled opportunity of seeing not only reindeer, but musk oxen, wolves, and arctic hares in an amazing landscape.

Assistants are needed for at least one of three 2009 field sessions: The first from early July to August, the second from mid August through September, and the third in October. Volunteers will be stationed in Nome, AK with field work being conducted from remote base camps in bear- and bug-ridden country. Transportation from Anchorage/Fairbanks to Nome will be provided, along with food and lodging. Volunteers who are selected are responsible for transportation to and from Alaska.

Qualifications:

A current student or graduate in natural resources, wildlife, or animal husbandry is preferred. Be physically able to hike 10-15 km per day in tundra carrying loads up to 40lbs. Must be able to keep a positive attitude and good sense of humor with mosquitoes on the attack. Previous

experience with radio and satellite telemetry, hand-held GPS units, operating ATVs, and data entry using MS Office software is preferred. The field site is extremely remote and conditions can be difficult, so field durability is a must. Long hours are the rule. A 2 week commitment is required.

To apply, please send (by email) a brief letter describing your background and relevant experience, a copy of your resume or CV, and contact information of at least 2 references. Positions will be open until filled. For more information, contact Leslie Davis (ftled@uaf.edu).

*Information about the Reindeer Research Program can be found at <http://reindeer.salrm.uaf.edu/>

SUMMER RESEARCH ASSISTANT: EXPERIMENTAL LANDSCAPE ECOLOGY AND PLANT-ANIMAL INTERACTIONS (SOUTH CAROLINA)

Summer Research Assistant: Experimental Landscape Ecology and Plant-Animal Interactions
Savannah River Site, South Carolina

Job Description: Research assistant needed from late May to August to help with field research examining the ways in which habitat corridors affect interspecific interactions and population dynamics of longleaf pine savanna plants. Duties will include daily field work such as transplantation of plants, plant care, morphological measurements, conducting plant surveys and insect trapping, as well as data management.

Qualifications: Applicants should be undergraduates or recent college graduates, preferably with field experience and coursework in ecology, botany and/or entomology. Applicants should also be detail oriented and familiar with spreadsheet software (MS Excel). In addition, applicants must be willing to endure rigorous field conditions and long days outdoors, often in hot and humid weather.

Enthusiastic individuals in good health are encouraged to apply. Because the Savannah River Site is a highly secure area run by the U.S. Department of Energy, non-United States citizens may have difficulty gaining clearance to work there.

Opportunities for an independent project are available, as well as the possibility of collaborations on projects with graduate students and PIs from around the country. Pay will be \$10/hour. To apply: Please email a CV and cover letter describing past experience, why you are a strong candidate for this position, dates of availability, and contact information with email addresses for three references to Melissa Simon at mjsimon@wustl.edu by May 6, 2009.

ENVIRONMENTAL SUSTAINABILITY INTERN AT THE BANK OF NY MELLON (PITTSBURGH, PA)

Description

The incumbent performs assigned duties under the direction of an experienced staff member to acquire knowledge of methods, procedures, and standards required for performance of the departmental duties. He/She receives training and performs tasks in one of several departments to become familiar with the line of business and company policies and practices. He/She may be trained in functions and operations of related departments to facilitate subsequent transferability between departments and to provide greater experience opportunities.

The incumbent will collaborate on a project involving researching and benchmarking the environmental sustainability programs of the company's peer group. He/She will report and present the project results to the department. He/She may also assist in the development of new

sustainability initiatives, internal and external communication projects, as well as employee and contractor engagement.

Qualifications

The qualified individual should be enrolled in a 2 or 4-year degree program and must have a minimum QPA of 3.0. Strong internet/web skills are preferred. He/She will possess strong leadership, analytical, and problem solving skills. Strong communication and organizational skills is a must. He/She should be able to work in a team environment as well as work independently and be computer proficient. The incumbent will be a Junior in an undergraduate program in the upcoming school year.

Please apply at

<https://bnymellon.taleo.net/careersection/2/jobdetail.ftl?lang=en&job=39380&src=JB-10081>

RESEARCH INTERNSHIP AT ARCHBOLD BIOLOGICAL STATION (SOUTH CENTRAL 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.patrickbohlen.com/people/interns>.

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.

Visit <http://www.maerc.org> or <http://www.patrickbohlen.com> for more information about our program or contact Dr. Bohlen at (863) 699-0242 x22.

SUSTAINABILITY CORPORATE INTERN FOR WYNDHAM INTERNATIONAL (NORTHERN NJ)

Description

The Sustainability Intern will:

Identify and interact with vendors for product ordering

Establish and maintain good working relationships with outside vendors

Research Green initiatives and Wyndham Green

Develop content for Green Paper

Develop content for Green web site

Upload information to Green site

Help with project management of information and programs for Environmental Management System

Qualifications

Studies in Environmental Sustainability preferred

Familiarity with web editing tool such as Adobe Contribute other editing software

Familiarity with Photoshop or similar software

Multi-tasker

Work well under pressure

Clear communication skills

Strong interest in green programs

Intermediate Computer skills: Microsoft Office Suite - Word, Excel, PowerPoint, and Outlook

Must maintain a professional appearance and a cordial attitude towards all guests and staff members. Must be people oriented and able to work independently or with others as needed.

Must be able to easily and frequently change from one activity to another

Apply at <http://wyndham.taleo.net/careersection/11080/jobdetail.ftl?lang=en&job=0901051>

Internships (Abroad)

INTERNSHIP CIEE RESEARCH STATION BONAIRE FALL 2009

Description: The CIEE Tropical Marine Ecology and Conservation Program in Bonaire is a study abroad program for undergraduate students. The Tropical Marine Ecology Intern at the CIEE Research Station Bonaire will assist in program delivery, academics, research, group dynamics, logistics, dive safety, student transportation, and site security. Duties include assisting with: preparations for classes and labs as instructed by faculty, SCUBA diving in support of 3 CIEE courses, long-term research data collection on coral reefs, undergraduate student education and research projects, and record keeping for the dive safety program. This is an intensive program of study lasting 15 weeks with students.

Minimum Qualifications: BA/BS in Biology with an emphasis in Marine Biology/Ecology or Biological Oceanography (MS preferred); current certifications in First Aid, CPR, DAN Oxygen Rescue, and Advanced Open Water; scientific diving experience (minimum of 50 dives logged) and a comprehensive dive physical required; drivers license; ability to work as a team member, a commitment to education and research in marine ecology and conservation; a willingness to work flexible hours and live on site at the research station with a group of up to 12 undergraduate students.

Compensation: A small stipend (commensurate with experience), round trip airfare, and lodging (private room with bath) will be provided to the successful applicant.

Internship dates: 22 Aug – 19 Dec, 2009

To apply: Send cover letter, CV with 3 references, and one letter of recommendation from a major faculty member from your degree granting institution to _rpeachey@ciee.org (mailto:[rpeachey@ciee.org](mailto:_rpeachey@ciee.org)) . For more information about the semester program go to [_www.cieebonaire.org_](http://www.cieebonaire.org) (www.cieebonaire.org/) .

Application deadline: 15 June 2009

Master's Programs

GRADUATE STUDENT OPPORTUNITY (UNIVERSITY OF ALBERTA)

A MSc or PhD opportunity is available for research on the role of plant growth and biomass (root/shoot ratio) in tolerance and resistance of aspen against its primary pests, Forest Tent Caterpillar and the Aspen Leaf Miner, in western Canada. We are particularly interested in investigating the chemical (defensive compounds) and physiological mechanisms of tolerance and resistance, and how these mechanisms are influenced by plant growing conditions.

This is a joint MSc or PhD program between Drs. Simon Landhausser, Industrial Chair and Professor of Silviculture and Forest Ecology, and Nadir Erbilgin, Canada Research Chair and Assistant Professor in Forest Entomology, at the University of Alberta, Department of Renewable Resources (<http://www.ales.ualberta.ca/rr/>). Depending on the interest and quality of the MSc or PhD applicants, the project offers considerable flexibility in designing a research program that investigates areas of personal interest, such as plant-insect interaction and chemical ecology, within the overall framework of the project.

Background in ecology, entomology, chemical ecology, or a related field is essential, as is an interest in the linkages between trees and insects. Experience with any of the following will be an asset, but is not required: plant-insect interactions, chemical ecology, forest ecology, and silviculture. Proficiency in spoken and written English is a necessity.

Selection of a student will be based on academic achievements, reference letters and previous research experience. Strong verbal, written, and computational skills are essential. Tuition and fees and a standard Graduate Assistantship can be offered. Students are also eligible for Tri-Council graduate scholarships (e.g. NSERC) in their first year.

The laboratory and field works will start in May 2009. The candidate is expected to start in September 2009. The applicant must meet the entrance requirement for The University of Alberta, Department of Renewable Resources, which can be viewed at: <http://www.ales.ualberta.ca/rr/phdprograms.cfm>

Interested candidates should e-mail their transcript, curriculum vitae, a letter describing their research experience and interests (2 page limit), recent TOEFL scores (if appropriate), and the names and contact information of three references to Dr. Nadir Erbilgin, Department of Renewable Resources, 230A Earth Science Building, University of Alberta, Edmonton, Alberta T6G 2E3, CANADA. Phone: (780)-492-8693; Fax: (780)-492-1767. Email: erbilgin@ualberta.ca

MS AND/OR PHD ASSISTANTSHIPS: GLOBAL CHANGE AND EARTH OBSERVATION (UNIVERSITY OF NORTH DAKOTA) SECOND CALL FOR APPLICATIONS

MS or PhD Assistantships are available for the following projects in the Department of Earth System Science and Policy at the University of North Dakota.

Applications are encouraged from students with a background and interests in geography, ecology and remote sensing. An interest in learning, or existing skill with, quantitative analysis and programming with IDL or other languages would be an advantage.

1) Assessment of grassland fragmentation and naturalness in North Dakota. There is very little of the original tallgrass prairie left in eastern North Dakota. Most areas of grassland have been disturbed by tillage at some time, and many are composed of exotic cool season pasture grasses. Even the established reserves and remnant areas have reduced biophysical naturalness because the required grazing and burning regimes are costly and intensive to implement. The grassland

mosaic is important for wildlife conservation and ecosystem function. This project seeks to use time series of Landsat imagery, ground-collected spectral libraries and periodic collection of Hyperion hyperspectral imagery to assess the fragmentation and biophysical naturalness of grasslands in eastern and central North Dakota. The student will be undertaking substantial amounts of image processing, field measurement and land cover change modeling. The work is complimented by parallel activities in the mixed prairie of Alberta and the post oak woodlands of Texas.

2) Development and assessment of global change impact scenarios for North Dakota. Convincing global change scenarios are largely lacking for the Northern Great Plains. However this region is one of the great "bread-baskets" of the world. North Dakota represents a microcosm of this dynamic with substantial and diverse agricultural production and large existing and future potential sources of energy, combined with a large proportion of the grassland reserves of the USA, a key breeding area for waterfowl, and complex hydrology associated with the Missouri River system and the Prairie Pothole Region. This project seeks to develop coherent global change scenarios for North Dakota that combine climate change predictions with global economic and scenarios that could substantially affect agriculture, energy production, and land cover and ecosystem function. It involves the use of a spatial multi-criteria analysis shell, substantial GIS processing, and transformation of global and regional climate change, economic, social and political scenarios into land use outcomes.

These projects can be tailored to MS or PhD program requirements. All students entering the ESSP Program are required to take the compulsory 20 credit ESSP 501 and ESSP 502 courses in the first two semesters. These courses cover the basics of broad earth system science including the Biosphere and Biodiversity, Energy, Environment and Society, the Geosphere and Earth Observation, the Water Cycle and Hydrology, and Biogeochemical Cycles. Information on the Earth System Science and Policy Program is available at: <http://www.essp.und.edu/Default.aspx>

Applications will be considered until June 1, 2009. Students must meet the requirements for GRE, GPA, TOEFL standards (appropriate to MS or PhD) and meet all the requirements of the Graduate School of the University of North Dakota.

A 12 - month GRA and full tuition waiver are available for each of these positions. Long term availability is subject to funding.

PhD students are expected to write a grant to support their work as part of the process of proposing their dissertation topic.

Interested students should contact Dr. Hill directly at the address given below to discuss the projects.

Applications must be made directly to the UND Graduate School (<http://www.und.edu/dept/grad/>).

Michael J. Hill, Professor
Department of Earth System Science and Policy
Clifford Hall Room 314
4149 University Avenue, Stop 9011
University of North Dakota
Grand Forks, ND 58202-9007
Tel: 701.777.6071 Fax: 701.777.2940
E-mail. hillmj@aero.und.edu

MS ASSISTANTSHIP IN LIMNOLOGY/AQUATIC ECOLOGY (AUBURN UNIVERSITY)

Position: MS Research Assistantship in Limnology/Aquatic Ecology
Location: Auburn University, Fisheries Department, Auburn, Alabama, USA
Contact: Dr. Alan Wilson, wilson@auburn.edu, 334.844.9321, <http://www.wilsonlab.com>

An M.S. research assistantship is available in Alan Wilson's lab (<http://www.wilsonlab.com>) at Auburn University (AU) to study basic and applied limnology/aquatic ecology. Current lab research projects revolve around understanding the ecological and genetic mechanisms mediating harmful cyanobacterial blooms and include an NSF-funded project focused on elucidating the ecosystem-level consequences of food-web evolution. Students in my lab are welcome to participate on existing projects but are strongly encouraged to develop their own thesis projects using a suite of approaches available at AU including field limnology and whole-pond experiments, large-scale lake surveys, and laboratory-based mechanistic studies. Travel opportunities to international scientific conferences, as well as field sites throughout the Southeast and Midwest are made available to all of my students.

The ideal candidate will be hard-working, enjoy teamwork, have a solid foundation in aquatic ecology, molecular biology, microbiology, or related fields, and have good grades (GPA > 3.2) and competitive GRE scores (quantitative and verbal above 50th percentile and writing of 4.0 or greater). Also, since outreach is an important component of my lab's activities, prospective students motivated to educate others about the importance of protecting our natural resources are especially encouraged to apply. Moreover, the WilsonLab is committed to diversity in education and research and encourages the application of women and underrepresented minorities.

Starting dates are flexible, but preference will be given to students available by August 2009. Annual stipends of \$16,115/year are accompanied by full tuition waivers and health insurance.

Interested students are encouraged to email (1) a letter of interest clearly describing how your scientific and professional interests mesh with ongoing lab projects, (2) contact information for three references (two professional and one personal), (3) unofficial copies of transcripts and GRE scores, and (4) a 2-page resume to Alan Wilson at wilson@auburn.edu by 1 June 2009 for full consideration. The position will remain open until filled.

Questions? Contact...

Dr. Alan E. Wilson Assistant Professor
Fisheries and Allied Aquacultures Auburn University
203 Swingle Hall, Auburn, Alabama 36849
wilson@auburn.edu, 334.844.9321, <http://www.wilsonlab.com>

EES MASTER PROGRAM LMU MUNICH, GERMANY

Master Program in Evolution, Ecology and Systematics The University of Munich (LMU) offers a 2-year, international master program for highly motivated students from Germany and abroad with a background in biology or a related subject. All courses are offered in English. Application deadlines in 2009: 30th of April (for non-EU students) and 30th of June (for EU-students and others who don't need a visa to study in Germany).

The EES Master program contains many innovative elements such as a mentoring program, integrated skills courses and individual research training. We also apply a feedback and revision system instead of simple grading. Classes are small and students have a lot of contact to the teachers. Thanks to funding by the Volkswagen Foundation, students can apply for their own research and travel money and for money to invite international speakers. Unfortunately, we

cannot provide grants to cover costs of living. Students pay appr. 500 Euro tuition fees per semester. For more information, please have a look at our website (<http://www.eeslmu.de>) or contact the program coordinator Elisabeth Brunner (brunner@bio.lmu.de).

Elisabeth Brunner

* Program Coordinator of the Munich Graduate School for Evolution, Ecology, and Systematics

Department Biologie II

University of Munich (LMU)

Großhaderner Str. 2

D-82152 Planegg-Martinsried

Tel: 0049 89 2180 74 208

<http://www.eeslmu.de/eeswiki>

brunner@bio.lmu.de

MS AND PHD ASSISTANTSHIPS AT NORTH CAROLINA STATE UNIVERSITY

Eco-physiology in bioenergy plantations.

North Carolina State University, available immediately.

Three graduate assistantships are available.

1) MS Ecophysiology and productivity of short-rotation Populus for bioenergy plantations
An MS assistantship (tuition, health insurance, stipend) is available immediately within the Department of Forestry and Environmental Resources at North Carolina State University to conduct research on the ecophysiology and productivity of bioenergy plantations using several species of Populus. The work will be conducted at three field sites across the state in the coastal plain, Piedmont, and mountain physiographic regions of North Carolina. The research will consist of measurements of physiology (photosynthesis and respiration), biomass production, forest floor accumulation, plant water relations, and soil C dynamics of the aggrading forest stands. The successful candidate will have a background in plant physiology, forestry, ecology, or related field, be willing to perform field work and help maintain the experiment, and have a solid work ethic. Interested persons should contact Dr. John S. King (john_king@ncsu.edu) with technical questions and may learn about our graduate program and application procedure at the department web site (cnr.ncsu.edu/fer/grads/index.php). Stipend amount: \$20,000 per year

2) PhD Plant water relations of loblolly pine-switch grass bioenergy plantations
A PhD assistantship (tuition, health insurance, stipend) is available immediately within the Department of Forestry and Environmental Resources at North Carolina State University to conduct research on plant water relations in loblolly pine-switchgrass bioenergy plantations. The work will be conducted in collaboration with scientists of Weyerhaeuser Corporation at a field site on their ownership in the lower coastal plain of North Carolina. The research will consist of measurements of physiology (photosynthesis, stomatal conductance), plant water potential and hydraulic conductivity, understory evapotranspiration, sap flow, and plant-soil water relations. The successful candidate will have a background in plant physiology, forestry, ecology, or related field, be willing to perform field work and help maintain the experiment, and have a solid work ethic. Interested persons should contact Dr. John S. King (john_king@ncsu.edu) with technical questions and may learn about our graduate program and application procedure at the department web site (cnr.ncsu.edu/fer/grads/index.php). Stipend amount: \$19,000 per year

3) PhD Developing short-rotation cropping systems for bioenergy plantations
A PhD assistantship (tuition, health insurance, stipend) is available immediately within the Department of Forestry and Environmental Resources at North Carolina State University to conduct research on the development of short-rotation cropping systems for bioenergy plantations. The work will be conducted at two field labs in the Piedmont and lower coastal plain physiographic regions of North Carolina. The research will consist of testing a variety of early

successional, rapidly growing tree species such as sweetgum, yellow poplar, cottonwood, red maple and others for potential as bioenergy crops and determining the best silvicultural systems for short-rotation cropping. Emphasis will be placed on quantifying above- and belowground productivity and the environmental consequences of intensive, short rotation cropping for soil nutrients, carbon, and water. The successful candidate will have a background in plant physiology, forestry, ecology, or related field, be willing to perform field work and help maintain the experiment, and have a solid work ethic. Interested persons should contact Dr. John S. King (john_king@ncsu.edu) with technical questions and may learn about our graduate program and application procedure at the department web site (cnr.ncsu.edu/fer/grads/index.php). Stipend amount: \$22,000 per year

Full-Time Employment

RESEARCH TECHNICIAN: EXPERIMENTAL LANDSCAPE ECOLOGY/RESTORATION (SC)

A research technician position is available with a landscape ecology experiment involving the restoration of longleaf pine forest understory plant communities, coupled with experimental manipulations of surrounding matrix characteristics (e.g., tree density, fire frequency) to understand how management affects the spread of restored communities at large spatial scales. This project will be conducted at the Savannah River Site, near Aiken, SC, in collaboration with John Orrock, Ellen Damschen, Lars Brudvig, and Karen Mabry of Washington University in St. Louis and the USDA Forest Service-Savannah River. The successful candidate will assist in all facets of this research, with job duties including GIS analyses, vegetation, soil, and small mammal surveys, and conducting experiments to evaluate the spatial dynamics of plant-animal interactions (e.g. seed predation, seed dispersal) within the experimental landscapes. The preferred start date is June 2009, with funding for salary and benefits available for two years (second year of funding contingent upon favorable one year evaluation).

The technician will live near the Savannah River Site in SC. Successful candidates will hold a bachelor's degree in ecology, biology, or a related discipline (Master's degree preferred) and must be able to endure hot and humid conditions and long hours in the field. Previous field research experience and the desire to quickly learn the longleaf pine forest flora are mandatory. Candidates already possessing these botanical skills will be especially favorably received. Because the Savannah River Site is a highly secure area run by the U.S. Department of Energy, non-United States citizens may have difficulty gaining clearance to work there.

Review of applicants will begin April 27, 2009, and continue until the position is filled. To apply, please email a CV and cover letter describing past experience, why you are a strong candidate for this position, dates of availability, and contact information with email addresses for three references to Lars Brudvig: brudvig@biology2.wustl.edu.

Women and Minorities are strongly encouraged to apply. Washington University is an Equal Employment Opportunity employer.

ENVIRONMENTAL & ENGINEERING EMPLOYMENT OPPORTUNITIES AT SEQUENCE SYSTEMS (WESTERN US, CALIFORNIA)

Location: California
Salary: \$70,000 – \$140,000

Sequence Systems, one of the few Western United States Environmental & Engineering Executive Search and Staffing organizations is seeking a broad spectrum of highly qualified,

dedicated, environmental and engineering professionals for exceptional employment opportunities in the Western United States, Specifically California (Sacramento, San Francisco Bay Area, San Jose, Los Angeles, San Diego, Fresno and the Central Valley).

We are seeking individuals for Full Time, Permanent opportunities with expertise in the following disciplines.

Environmental –

CEQA / NEPA Project Management (Senior and Staff Level)

Environmental Planning (Senior, Associate and Staff Level)

Environmental Scientists

Climate Change / GHG Professionals

Air Quality / Noise Modeling Specialists

Biology (Terrestrial and Wildlife)

Wetland Delineation Specialists

Geology / Hydrogeology (Junior, Staff and Senior Level)

Remediation Specialists (Civil, Mechanical, Geological)

Environmental Compliance Specialists

Civil, Environmental, Structural and Transportation Engineering

Wastewater Professionals.

- Environmental Technicians

We would be very interested in learning more about your background, skills and qualifications, if you believe you have the necessary qualifications that match up with any of the above technical disciplines. We would like to invite you to develop a confidential candidate profile on our website at www.sequencestaffing.com by submitting your resume and contact information for a executive representative to review.

If your would like to contact us directly to discuss your qualifications and current employment opportunities available in detail please feel free to contact us at:

SEQUENCE SYSTEMS

2008 Opportunity Drive Suite #150

Roseville, CA 95678

Phone: 916-782-6900

Fax: 916-782-6307

Email: mdeafey@sequencestaffing.com

www.sequencestaffing.com

Should your background not be an exact match to the above technical disciplines, please feel free to submit your resume, as we have many opportunities available that maybe a better match with your career experience. Please view our website at www.sequencestaffing.com

Employer: Sequence Systems

Website: www.sequencestaffing.com

Location: Sacramento, CA

Requisition number: SEQ-0411

SEASONAL SEA TURTLE HOURLY POSITION AT THE DEPARTMENT OF NATURAL RESOURCES (SOUTH CAROLINA)

Please submit a state application and resume through our state jobs portal. Please search on Department of Natural Resource Jobs.

SEASONAL SEA TURTLE POSITION AVAILABLE

START DATE: May 15, 2009 (negotiable)
END DATE: September 15, 2009 (later date negotiable)
APPLICATION DEADLINE: Applications will be accepted from April 13 to April 17, 2009
STARTING SALARY: \$10.00/HR, housing provided
POSITION: SEA TURTLE UTILITY WORKER (seasonal)

This is an hourly, seasonal position (35 hours/week).
The position will be located on Botany Bay Plantation in Charleston County, South Carolina, USA. Housing is provided. Responsibilities, qualifications and other pertinent information are as follows:

Responsibilities: The successful applicants will work under the supervision of the state's Sea Turtle Program Coordinator and will be responsible for the daily monitoring of sea turtle nesting on Botany Bay Plantation. Activities will include locating and marking all sea turtle nests, relocating threatened nests, assessing hatching success, monitoring for stranded turtles, managing project volunteers and some data management. Other duties will include maintenance of 4-wheelers, and other assigned equipment. Work may be performed during weekends, or in very difficult field conditions.

Minimum Qualifications:

NECESSARY KNOWLEDGE, SKILLS AND ABILITIES

Candidates must have some knowledge of general biology and biological data collection techniques; and, experience with computer databases.

TRAINING AND EXPERIENCE

Previous sea turtle management experience a plus.

Preferred Qualifications:

TRAINING AND EXPERIENCE

Preference will be given to applicants who possess or who are obtaining a Bachelor's Degree from an accredited college or university in wildlife biology, ecology, zoology or related field.

Ms. DuBose Griffin, SC Sea Turtle Coordinator
South Carolina Marine Turtle Conservation Program
griffind@dnr.sc.gov

AVIAN RESEARCH TECHNICIAN AT THE US FOREST SERVICE (SOUTH DAKOTA)

FIELD TECHNICIANS needed to assist Ph.D. student with investigation of behavior, movement, and demographics of Black-backed Woodpeckers in Black Hills region of South Dakota. We are seeking highly motivated individuals to assist with a radio telemetry study starting in early May and ending in mid-August.

Work includes habitat assessment, radio tracking, nest searching, color-banding, population and nest monitoring, and behavior observations. Proficiency working with birds, a working knowledge of radio telemetry techniques, and a demonstrated ability to work alone and under difficult field conditions is preferred. Housing and a monthly stipend of \$1,500 is provided.

Please send a letter of interest, CV, and contact information for 2 references (name, phone, and email) to Chris Rota (christopher.rota@ufl.edu). The position will be open until filled.
Vegetation Specialist (summer field Botanist or Ecologist)

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/) 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 details: 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/

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 while you apply.

Post Undergraduate Part-Time Employment

CORAL REEF ECOLOGY FIELD TECHNICIAN FLORIDA KEYS

Florida International University: Coral Reef Ecology Technician June 1- Aug 31

I am hiring a technician to work on coral reef ecology in Key Largo, FL in the Florida Keys for this coming summer. We will be studying the movement and feeding ecology of herbivorous fishes

on coral reefs. Duties will include, but are not limited to: herbivorous fish surveys, algal/coral surveys, herbivore behavioral observations, sample sorting, data entry. Almost all field work will be conducted on SCUBA. Typical field days would consist of 7-8 hours on the water with 3-4 dives per day. Qualifications: Bachelor's in Biology/Marine Biology (or upper division undergraduate) or related field, SCUBA certification (NITROX certification preferred), experience with coral reef ecology/fish ecology preferred. A valid driver's license is required. Boating experience and current SCUBA certification with AAUS (American Academy of Underwater Sciences) is a plus. Successful applicant needs to be hardworking and willing to potentially work weekends. This position will come with the possibility of extending until Dec 31, 2009. Pay rate will be ~\$400 per week. Housing will be provided. This would be an ideal job for a recent college graduate looking for research experience before continuing on with graduate school. Please apply by sending cover letter, CV/resume including academic background, work experience, overall GPA and major, an unofficial transcript, and contact information for 3 references to: Deron Burkepile, Florida International University, Marine Biology, 3000 NE 151st St, North Miami, FL 33181 deron.burkepile@fiu.edu. Electronic applications are greatly preferred. Position is open until filled with an application deadline of May 1, 2009.

SUSTAINABILITY ANALYST AT GREENSHAPE LLC (WASHINGTON, DC)

GreenShape LLC, a nationally recognized green building and sustainability consulting firm based in Washington, DC, is seeking an experienced and motivated professional with relevant green building experience in the field of architecture or engineering to support our expanding green building consulting practice.

GreenShape guides building owners, developers, and design and construction teams in the creation of buildings, programs and education for sustainable living. We have helped over a hundred project teams set high green building performance goals and create a legacy of excellence through their work.

Responsibilities:

As a GreenShape Sustainability Analyst you will work on multiple public- and private-sector projects including commercial office buildings, schools, multi-unit residential and mixed-use projects, building modernizations, and neighborhood development projects. You will assist in guiding building owners and design and construction project teams in applying green building concepts and technologies to their projects and support building owners in developing programs and policies for sustainable operations.

You will participate in green building charrettes and provide guidance to support our clients as they create drawings and specifications incorporating green building strategies. You will advise our clients' construction teams on LEED-related activities and support the documentation of green building accomplishments.

Qualifications:

Applicants for the analyst position should hold a Bachelors or Masters degree in Engineering or Architecture. Candidates should have experience with green building strategies and systems, a history of commitment to sustainability and working knowledge of the LEED rating system. We are looking for a team-oriented individual with strong professional, organizational and interpersonal skills who communicates well verbally and in writing, is detail-oriented, comfortable using current software technology including MS Excel, capable of organizing large amounts of information and able to maintain a positive, flexible attitude.

Compensation: GreenShape offers a competitive salary (commensurate with experience) and excellent benefits including an employer-sponsored retirement plan.

Our office is located in the central business district in Washington, DC, one block from metro red, orange and blue lines at Farragut Square. For more information, visit our [web site](#).

To Apply:

Please submit your resume and a letter of interest outlining your relevant experience and green building career goals. Please indicate your name and the position you're applying for (Sustainability Analyst) in the subject line of your email. NO CALLS PLEASE

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

Contact Information:

hr@greenshape.com email address (requires JavaScript)

<http://www.greenshape.com>

GLOBAL SUSTAINABILITY DIRECTOR AT INVISTA PS&M (KENNESAW, GA)

Description

INVISTA's Performance Surfaces & Materials Business is currently seeking an experienced candidate for the position of Global Sustainability Director. This position will be based in our Kennesaw, GA office.

Primary Responsibilities:

- * Lead global sustainability strategy for INVISTA PS&M and identify value creation opportunities through environmental initiatives. Assist PS&M businesses in the development of winning marketing strategies, plans and programs to create value, increase brand preference and profitability, and gain competitive advantage.

- * Provide consultation, strategic, functional and marketing support as environmental leader and subject matter expert to PS&M businesses around the world. Ensure that the INVISTA PS&M sustainability strategy, position and objectives are thoroughly communicated throughout the organization and that there is a clear understanding of these objectives and everyone's role in achieving them.

- * Evaluate, manage and maintain environmental certifications for PS&M brands. Manage and lead life cycle inventory and assessment initiatives as they relate to PS&M product life cycles. Function as key metrics resource for PS&M related LCA data internally and externally. Act as liaison and resource to PS&M relevant environmental standards and certifications and actively participate in their development.

Skills Required:

- * High integrity and a passion for sustainability and compliance.

- * Experience in marketing, developing and implementing business plans.

- * Strong knowledge of environmental standards, preferably in the building and textile industry (LEED, CHPS, NSF-140, Cradle2cradle, etc.).

- * Several years experience in working in an environmental or stewardship role, managing corporate environmental programs, preferably in interiors, textile or chemical industry.

- * Applied knowledge of Life Cycle Assessment and environmental supply chain evaluation.

- * Familiarity with environmental legislation, regulation, and guidance.

- * Proven experience in managing corporate environmental programs and initiatives.

- * Demonstrated oral and written communication skills.

- * Innovative and resourceful.

- * The ability to work well with people from a broad range of businesses from CEOs down through the entire organization.

Education:

- * 4-year college degree required. MBA a plus.

SUSTAINABILITY COORDINATOR FOR "LIVE NATION" CONCERT ORGANIZATION (NORTHERN CALIFORNIA)

About the Organization

Live Nation's mission is to maximize the live concert experience. Our core business is producing, marketing and selling live concerts for artists via our global concert pipe. Live Nation is the largest producer of live concerts in the world, annually producing over 16,000 concerts for 1,500 artists in 57 countries. The company sells over 45 million concert tickets a year and expects to drive over 60 million unique visitors to LiveNation.com in 2008. Live Nation is transforming the concert business by expanding its concert platform into ticketing and building the industry's first artist-to-fan vertically integrated concert platform. Headquartered in Los Angeles, California, Live Nation is listed on the New York Stock Exchange, trading under the symbol "LYV."

Sustainability Coordinator

Live Nation seeks an intelligent, tenacious, innovative individual to help Live Nation's Northern California region reach its goals for environmental sustainability. In 2006, Live Nation launched an ambitious pilot sustainability program in San Francisco, focused on reducing the environmental impact of its events and operations. Live Nation recognizes that "going green" is an ongoing process and the organization is committed to being a leader in sustainability. The Live Nation Sustainability Coordinator will work with facilities, marketing, and management staff to take this program to the next level.

Live Nation is looking for a motivated professional with a background in business or environmental advocacy to manage our sustainability program for one to two years. This is an excellent position for a person with experience in a professional setting who has a passion for environmental issues. This position will report to the Chairman of the region and will serve as the "green" liaison between the facilities management, accounting, marketing, and sales groups. The Coordinator will be working with a small team in a dynamic environment that will include detail-oriented independent work.

Responsibilities

- Lead the tracking of key sustainability metrics, including data gathering, compilation, and analysis.
- Manage a sustainability database and provide reports and information as needed.
- Develop an annual Sustainability Report that communicates key activities and information about Live Nation's environmental impact.
- Assist the management and facilities teams in researching and prioritizing infrastructure improvements and other ideas to reduce Live Nation's environmental impact.
- Work with facilities and other teams to move from concept to implementation on selected "greening" activities.
- Coordinate conference calls, internal and external meetings, workshops, and interviews as necessary to gather information and communicate Live Nation's sustainability commitments.
- Help plan and implement events related to Live Nation's sustainability program.
- Research and synthesize new information and data on environmental impacts, CO2 offsets, and green technologies.
- Act as a spokesperson for sustainability inside the organization and encourage a culture that supports sustainability and ongoing improvement.

Required Qualifications

- A bachelor's degree or equivalent.
- 2+ years experience in a professional office-based organization.
- Understanding of the environmental sustainability issues facing for-profit corporations. Experience working on sustainability, carbon footprinting, or corporate social responsibility a plus.
- Ability to work effectively and efficiently with minimal supervision.
- Attention to detail and strong organizational skills.
- Creative, resourceful, and professional.
- Excellent research, analytical, and writing skills.

- Competence in MS Word, Excel, PowerPoint, database tools.
- Ability to work under pressure, prioritize, multitask, and be flexible.
- Capacity to learn quickly and handle ambiguous information and circumstances.
- A passion for environmental issues.

Term length

This is a one year contract position, with the option to extend to a second year after the initial six months.

Compensation and Benefits

The expected start date for this position is May 2009. The position will be located in San Francisco, California. This is a contractor position and does not include benefits. Compensation commensurate with experience.

To Apply

Interested candidates should submit their cover letter, resume, and salary requirements at the specified website link.

No phone calls, please.

Website:

http://www.ceaconsulting.com/what/position_details.aspx?client=CEA&jobId=41

FULL TIME RESEARCH ASSISTANT/ASSOCIATE AT SANIBEL-CAPTIVA CONSERVATION FOUNDATION MARINE LABORATORY (FLORIDA)

Starting date is mid May. Applications will be accepted starting immediately and continue until the position is filled.

Annual Salary: Commensurate with experience, includes full benefits and other support.

Preferred Skills and Abilities: The Marine Laboratory at the Sanibel-Captiva Conservation Foundation (SCCF) has an immediate opening for a candidate in estuarine ecology with experience enumerating marine and estuarine organisms (preferably macroalgae and invertebrates), monitoring seagrass (SAV) habitats, including faunal and algal associates. Strong preference will be given to candidates with an M.S. in environmental, marine or ecological sciences with scientific diving experience (AAUS or similar with a minimum of 10 scientific dives). The individual will work closely with senior lab research staff and its collaborators planning, executing and performing related analyses/reporting. Prior field work experience, including the operation, trailering and maintenance of small (<23') boats, and SCUBA are required. The successful candidate should have excellent written and oral skills (e.g., publications and presentations at scientific meetings), be able to work independently, be proficient in the use of PC software including MS Windows, MS Office suite, and graphical (e.g., SigmaPlot, Surfer) and statistical (e.g., SAS, SPSS) software packages. Ability to use ESRI (GIS) products and perform GPS surveying/mapping a plus, as is prior experience supervising others. Ability to create and follow QA/QC protocols and attention to detail invaluable, experience with phycological keys and terminology is highly desirable.

Background: The Sanibel-Captiva Conservation Foundation, Inc. (www.sccf.org) is a not-for-profit organization dedicated to the preservation of natural resources and wildlife habitat on and around Southwest Florida's Sanibel and Captiva Islands. SCCF has also had a long-time involvement in water quality issues and, in 2002, established a Marine Laboratory, currently a member of the Southern Association of Marine Laboratories (SAML). The laboratory currently has 9 full-time staff members, four of which are at the Ph.D. level. Research conducted at the lab currently focuses on water quality monitoring and habitat ecology, along with associated restoration, microbial ecology, nutrient recycling, remote sensing, GIS, and spatio-temporal modeling (see www.sccf.org/content/84/Research.aspx). A major new initiative of the lab is

River, Estuary and Coastal Observation Network ('RECON'), composed of seven near real-time sensor arrays (see recon.sccf.org) spanning over 90 miles.

Objectives and Duties: The individual will coordinate the second year of a multi-institution research project to study the distribution of macroalgae, possible causes of growth (e.g. nutrients, grazers), and reasons for accumulation on area beaches. Job duties include: collection and identification of macroalgae from offshore and inshore sites, tracking species IDs, key characteristics, and biomass in an existing Access database, coordination of field logistics, including operation and maintenance of underwater video camera, analysis of related underwater video surveys, and assistance with related generation of plots, tables, statistics and related written reports.

Education and Experience Requirements: The position is at B.S. or M.S. level, and we are looking for a candidate to plan, manage and execute one or more grants related to macroalgae, surveying marine habitats, including their assessment and restoration. M.S. degree preferred, with additional practical experience.

Applications will be accepted starting immediately and continue until the position is filled with an appropriate candidate. Please send a detailed CV detailing your educational background and experience, as well contact information for two references (required) ASAP to: Dr. Loren D. Coen, Marine Laboratory Director and Dr. Eric Milbrandt, Co-PI, Sanibel-Captiva Conservation Foundation , 900A Tarpon Bay Road, Sanibel, Florida 33957; lcoen@sccf.org; Lab Office 239-395-4617.

INVASIVE PLANT TECHNICIAN (CATALINA ISLAND, CA)

POSITION TERM:

One full-time positions available April 1, 2009. This is a benefitted position, with funding available through early 2011. Position term extension is possible, dependent on available funding.

REPORTS TO:

Invasive Plant Program Manager, Conservation and Education Department.

SUMMARY:

This is a high visibility position where the individual conducts invasive plant eradication and control of invasive plants on the Catalina Island. Primarily the position will focus on treatment planning and implementation in the 5000 acre Island Fire Perimeter. Fieldwork locations can be steep, rugged and beautiful. Responsibilities involve a wide range of invasive plant removal, monitoring and data collection techniques. Work may be done either independently or as a team. Approximately 80% of time will be spent in the field, with the remainder in the office. Training will be provided as needed. Experience with ArcMap/ArcPad is highly desired for this position. The Invasive Plant Management Program is on the front lines of protecting the natural heritage of Catalina Island from one of the greatest conservation threats- invasion of non-native plants.

DUTIES AND RESPONSIBILITIES:

1. Conscientiously perform a wide variety of invasive plant control techniques. Access invasive populations in remote, steep areas requiring extensive off trail hiking. Utilize herbicide spray bottles and backpack pumps, and truck mounted motorized spray rig. Power brush cutters, chainsaws, hedgers, and hand tools are occasionally used.
2. Navigate and record locations of invasive and native rare plant populations using Global Positioning Systems (GPS units) and hard copy maps.
3. Assist individual volunteers and volunteer groups in invasive plant management activities. Work in pairs with and help train interns in control techniques.
4. Maintain Program equipment.
5. Participate in office duties relating to position including: photocopying, cleaning, data entry,

and organizing.

6. Perform other duties as directed by the Program Manager or Lead Technician.

QUALIFICATION REQUIREMENTS: To perform this position successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. An ideal candidate will possess a substantial combination of all these requirements. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Character: Must be careful, conscientious and pay attention to detail, have a great work ethic, work efficiently, enthusiastic, and above all be a positive functioning member of a diverse team. Ability to work independently and safely is essential.

Education: B.A. or B.S. in weed science, agriculture, fire science, botany, biology, ecology, natural resource management, geography or equivalent from an accredited institution desired. Credible hands on experience controlling invasive plant species will be considered in place of education component.

Experience: Experience utilizing herbicide and hand-tools desired. A commitment to following safe practices with herbicide and equipment according to the details of our training is essential. Must be willing to work with caution labeled herbicide such as: Garlon, Transline, Glyphosate, Milestone and Fusillade. Training will be provided as needed – as required by law.

Technical skills: Knowledge of the basic use of hand tools is essential, such as loppers, Pulaski, McLeod, shovel, hoe, etc. Knowledge of GIS/GPS strongly desired, however training will be provided. Familiarity with invasive plant species desired. Possession of Class C Drivers License essential.

Physical demands: Including but not limited to: ability to work and hike outdoors in all weather conditions, ability to work long hours outdoors, ability to lift and/or move up to 50 pounds. Fieldwork involves manual labor, hiking over steep, rugged terrain with frequently unstable rocky substrate and cactus or poison oak while carrying hand tools and filled backpack sprayers. Handling of plants is routine. Contact with cactus and poison oak is common. Must be willing to wear appropriate safety gear such as coveralls, snake chaps, hiking boots, gloves, and goggles.

Work environment: The work environment characteristics described here are representative of those a field technician encounters while performing the essential functions of this position. The office environment (at Middle Ranch) has moderate noise levels and is a non-smoking environment, including vehicles and living quarters. Field conditions are strongly weather-dependent and may be hot, dusty, cold, muddy, and/or wet depending on season and degree of exposure. Smoking is allowed only at limited designated field sites due to the high fire hazard on the Island. Wild animals such as bison and rattlesnakes, as well as insects, will be encountered in the field and pose some threat. Must be willing to live and work on Catalina Island.

The workweek is considered as a forty hour, five-day workweek. Work will occasionally take place on weekends, in which case equivalent time off will be given the following week. Due to the rugged Island terrain, camping in remote sites for several days at a time may be required. If necessary, daily transportation between Avalon and Middle Ranch (22 mile round trip) will be provided, with details to be worked out when position is filled.

Living environment: Shared housing is offered with two Conservancy Technicians to a bedroom with rent of \$300 a month. A communal living room, bathroom, and kitchen are included. The housing facility could be shared with temporary Conservancy staff and visiting researchers. Ability to respect the privacy of others is a must. Ability and commitment to share living accommodations with diverse people is essential.

Salary level: \$11-14 per hour. Salary will be commensurate with qualifications and experience. Competitive (non-profit) benefits package may include Medical, Dental, Vision, sick leave, vacation leave, worker's compensation insurance.

TO APPLY:

Submit cover letter of intent to apply (limit one page), and a résumé (limit two pages) via email identifying the following code in the subject line: SPT09-1. Application materials should be typed in 12-point font. Only electronic applications will be accepted at this time. The most qualified candidates may be invited to interview on Catalina Island (at applicant's expense). Further details can be provided by contacting:

Sallie Hansen, Human Resources Manager
Catalina Island Conservancy
(310) 510-2595 x104 - voice
(310) 510-2591 - fax
shansen@catalinaconservancy.org

MORE INFORMATION:

More information on Catalina Island and the Catalina Island Conservancy can be found at: www.catalinaconservancy.org

This position description is intended to reflect typical responsibilities and tasks for the individual filling the position of Invasive Plant Program Technician. Actual tasks and responsibilities may vary and change over time. The Conservancy is an "at will" employer offering equal employment opportunity without regard to race, color, creed or religion, age, sex, national origin or disability (within the physical parameters defined in the position description and those associated with remote island living). Any offer of employment contingent upon verification of individual's eligibility for employment in the United States.

Catalina Island, one of California's eight Channel Islands, is located 20 miles off the southern California coast. This 48,000-acre Island supports a high number of listed and endemic plant and animal species as well as a variety of unique plant communities and habitats, including grassland, coastal scrub, island chaparral, island woodland, and riparian. Although rugged, mountainous and somewhat remote, the Island is a major tourist destination served by daily sea passenger service (approximately 1 hour each way). Development is largely restricted to Avalon, the only incorporated city (population 3,500). The Catalina Island Conservancy was established in 1972 as a 501(3) non-profit organization dedicated to the preservation and restoration of Catalina Island. The Conservancy currently owns 42,179 acres (88%) of the Island. Its mission is to be a responsible steward of its lands through a balance of conservation, education, and recreation. The Conservancy is a relatively small organization offering an opportunity to work at the interface between scientific research, active ecological restoration, environmental policy and public participation.

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 to apply on-line. Join our team and make a difference!

<http://www.sciencecareersite.com/Free/GetStarted.asp?jid=20163404&aff=5B69D171-E6DF-4407-9864-3092BB91A6F2>

AQUATIC ECOLOGIST, DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE (FAIRBANKS, AK)

Salary Range: 59,383.00 - 77,194.00 USD per year

Open Period: Thursday, April 09, 2009
to Thursday, April 30, 2009

Duty Locations: 1 vacancy - Fairbanks, AK

Job Summary:

Experience Your America and Build a Fulfilling Career by Joining the National Park Service
The National Park Service preserves unimpaired the natural and cultural resources and values of the national park system for the enjoyment, education, and inspiration of this and future generations.

Fairbanks is in Interior Alaska and reflects the best of Alaska! Fairbanks has a lot to offer no matter what your interests may be. The University of Alaska, Fairbanks provides Fairbanks with the cultural and educational opportunities that are depictive of a college community. Fairbanks offers numerous activities in summer and winter such as skiing, snow machining, hiking, canoeing, and backpacking (and Fairbanks is the central point for access throughout the state). Fairbanks also celebrates numerous cultural activities such as dog sledding competitions, the International Ice Carving Festival, hockey, concerts, art shows with our numerous local artists, Quilt Guild, adult education courses, and health clubs, to name a few things that can keep you busy! The population of Fairbanks and the surrounding area is approximately 65,000. All amenities of a small city are available including a hospital, university, schools, and international airport. Summers are fabulous and temperatures usually range from mid 70s to high 80s. Winters can be exhilarating with temperatures reaching below -40 degrees F. For photos and more information check out the Alaska website at <http://www.commerce.state.ak.us/dca/commdb/CF%20COMDB.htm>

The person selected for this position will function as the Aquatic Ecologist for the National Park Service (NPS), Arctic Network Inventory and Monitoring program (ARCN). The Arctic Network is administered from Fairbanks, Alaska. The Arctic network includes five Alaskan park units: Gates of the Arctic National Park and Preserve, Noatak National Preserve, Cape Krusenstern National Monument, Bering Land Bridge National Preserve and Kobuk Valley National Park. The Aquatic Ecologist is responsible for program development and implementation related to the freshwater resource components of this program.

You will be responsible for developing and implementing freshwater resource monitoring strategies on 19 million acres of National Park Service administered lands in the Alaskan Arctic. You will work with an interdisciplinary team of scientists and park managers to identify high priority aquatic issues and develop integrated and comprehensive approaches to monitoring for the purpose of establishing baseline reference conditions of freshwater ecosystems. In addition, the Aquatic Ecologist will supply technical assistance to network parks in the preparation, revision, and updating of resource management plans and provides technical assistance to parks in planning and designing comprehensive studies that deal with aquatic ecology and water resources management.

As part of the duties of this position, you will design, test, and implement statistically valid protocols to identify, evaluate, and do long-term monitoring of aquatic ecosystem components such as flora and fauna and ecological processes. You will conduct inventories and develop statistically valid sampling designs for monitoring. The Aquatic Ecologist will write protocols of monitoring techniques and develop methods for future refinements of protocols. You will also prepare management and scientific reports regarding the protection, mitigation, restoration, reintroduction, inventory, monitoring, and research activities of aquatic resources for use by scientist, managers, park staff, cooperators, and partners. More than one vacancy may be filled through this announcement should the need arise. Full Performance Level is GS- 12

**Continued Description and Requirements at

<http://wm.careers.adicio.com/careers/jobsearch/detail?jobId=17092550&viewType=main&networkView=main>

CONSERVATION PRACTITIONER (USA)

ABOUT US The Nature Conservancy is the world's leading conservation organization, working in all 50 states and more than 33 countries. Founded in 1951, the mission of The Nature Conservancy is to preserve the plants, animals and natural communities that represent the diversity of life on Earth by protecting the lands and waters they need to survive.

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SUMMARY COMPLEXITY/PROBLEM SOLVING:

- Coordinates multiple projects with several variables, setting realistic deadlines and managing timeframes
- Interprets guidelines, evaluates information and modifies processes to adapt to changing circumstances
- Compiles data, resolves disparities, and modifies processes to generate plans
- Resolves routine issues independently, consulting with supervisor to develop plans for resolution of complex and unusual problems
- Cultivates and develops creative ideas to improve conservation strategies
- Applies diversified knowledge of scientific principles and practices to a variety of assignments
- Negotiates complex agreements in political environments
- Identifies and disseminates lessons learned, best practices and methods, tools, consistencies and inconsistencies across plans

DISCRETION/LATITUDE/DECISION-MAKING:

- Ability to make sound decisions for TNC in the following areas (legal, financial, conservation, reputation)
- Makes independent decisions based on analysis, experience, and judgment
- Performs tasks with minimal supervision

RESPONSIBILITY/OVERSIGHT – FINANCIAL AND SUPERVISORY:

- Supervise administrative and professional staff with responsibility for performance management, training and development.
- May lead or monitor work groups consisting of staff, interns, and volunteers covering a wide geographic area
- May need to gain cooperation from outside parties to accomplish program goals
- Financial responsibility may include working within/managing a budget to complete projects, negotiating and contracting with vendors, assisting with budget development and meeting fundraising targets.
- Ensures program compliance with internal policies and external requirements

COMMUNICATIONS/INTERPERSONAL CONTACTS:

- Networks with diverse groups, including land owners, conservation partners, government officials, donors, board members and the general public to recruit support for the Conservancy and publicize Conservancy efforts
- Provide a variety of information to staff and others, contributing to conservation projects and assisting workflow throughout the organization.
- Work and communicate effectively with a diverse group of people, including scientists, staff and others, providing and obtaining needed information
- Collaborates with a wide range of conservation partners to identify research needs, present technical concepts at national or international conferences, and support fieldwork
- Provides training for internal and external colleagues on ecological and conservational scientific principles
- Ability to simplify and explain the principles of conservation science and practices to technical and non-technical audiences
- Communicates strategic project goals and objectives.

WORKING CONDITIONS/PHYSICAL EFFORT:

The Conservation Practitioner IV may work in variable weather conditions, at remote locations, on difficult and hazardous terrain and under physically demanding circumstances. This Conservation Practitioner IV position is required to live on Red Canyon Ranch as a condition of employment.

These conditions may:

- require considerable physical exertion and/or muscular strain
- present frequent possibility of injury
- require long hours in isolated settings

POSITION SUMMARY KNOWLEDGE AND SKILLS:

Bachelor's degree and 3-5 years experience in natural resources management, rangeland ecology, wildlife management or closely related field; or equivalent combination of education and experience.

- Familiarity with general ecological principles, basic experimental design and field sampling techniques.
- Ability to design and conduct direct ecological field work, including but not limited to rangeland assessment and monitoring, riparian system evaluation, rare plant population monitoring, invasive species monitoring and control.
- Successful experience in developing, directing and managing multiple projects and timelines.
- Ability to communicate and work closely with scientists, educators and agricultural producers
- Knowledge of current trends and practices in conservation, rangeland science and natural resource preservation
- Experience working with students in education and outreach programs

- Experience in training and curriculum design.
- Demonstrated experience communicating effectively with the public and/or media
- Completing tasks independently with respect to timeline(s)
- Working knowledge of common software applications (e.g.; Word, Excel, Web browsers).
- Excellent communication skills via written, spoken and graphical means in English and other relevant languages
- Experience with livestock production and animal handling is preferred, but not required.

ESSENTIAL FUNCTIONS:

The Conservation Practitioner IV develops, manages and advances conservation programs, plans and methods for small-scale and large-scale ecoregions. Provides technical leadership and support to the OU or region. This may include one or more of the following functions:

- Plans and implements preserve management programs and stewardship actions for Red Canyon Ranch and supports and participates in stewardship activities on other TNC properties
- Addresses critical threats to natural systems and individual species
- Fosters cross-site learning among conservation and agricultural community
- Develops and implements conservation strategies, including ecological monitoring programs
- Works as part of a team to revise and implement management plans for TNC preserves
- Works independently or as part of a team to develop grant proposals related to stewardship practices, rangeland ecology research, outreach programs.
- Develops and negotiates pasture lease agreements with partners
- Coordinates community support
- Maintains preserve areas frequented by the visiting public and manages public use program at Red Canyon Ranch
- Supports ongoing operational needs for portfolio of TNC preserves in Wyoming (i.e. work to schedule contractors for labor, identify and address infrastructure needs, work with partners to identify stewardship needs and implement work plans, etc.)

BASIC QUALIFICATIONS

- Bachelor's degree and 3 years experience in natural resource management / range management or equivalent combination of education and experience.
- Experience with rangeland agricultural operations in the Western U.S.
- Knowledge of federal land management agency regulations and programs.
- Experience preparing grant proposals and administering grants and contracts.
- Experience with rangeland monitoring protocols and improvement practices.
- Experience with educational programs and commitment to outreach and education.
- Experience using common software applications such as Word, Excel, Web browsers, etc

BENEFITS: The Nature Conservancy offers competitive compensation, excellent benefits, flexible work policies and a collaborative work environment. We also provide professional development opportunities and promote from within. As a result, you will find a culture that supports and inspires conservation achievement and personal development, both within the workplace and beyond.

HOW TO APPLY: Please submit resume and cover letter as one document.

<https://careers.nature.org/>

All sections of online application must be completed (e.g. work experience and education, even if information is included in resume) to be considered for a position. EOE STATEMENT The Nature Conservancy is an Equal Opportunity Employer.