

Week of 03/16/09

Opportunities

ALASKA SUMMER FIELD COURSE: WILDLANDS STUDIES 2009

The Wrangell Mountains Center is pleased to announce the Alaska Wildlands Studies Summer Field Program. Please pass this on to any of your qualified and potentially interested undergraduate students.

The Alaska Wildlands Studies Summer Field Program is an intensive field course focusing on the ecology, geology, and local culture of the rugged Wrangell-St. Elias National Park, Alaska. The seven week course is taught through the Wrangell Mountains Center, a private, non-profit, environmental institute located in the historic mining town of McCarthy, in the heart of the park. The nearby peaks, glaciers, alpine valleys and subalpine forests provide an ideal setting for hands-on fieldwork, while the rich cultural history of the park provides a fascinating setting in which to conduct research.

Students will gain a thorough understanding of ecological and geological principles in the context of the local wilderness environment through a combination of classroom lectures and rigorous field exercises. Using this skill set, students and faculty will collaborate to design field research projects based on each student's individual interests. Using their field data, students will complete a final paper and presentation of their results. Participants earn 12 semester units (18 quarter units) of transferable, upper division college credit through the California State University Monterey Bay. This credit has been successfully transferred to a wide range of colleges and universities to satisfy ecology and biology degree field requirements and geology field camp requirements.

Alaska field studies program participants receive credits for three courses:

- * Environmental Wildlands Studies (ENVS 370 A), 4 semester units
- * Wildlands Ecological Evaluation (ENVS 370 B), 4 semester units
- * Wildlands Environment and Culture (ENVS 370 C), 4 semester units

Participants will receive a letter grade (or a pass/no pass on request) based on 1) assigned field exercises and daily entries in field journals; 2) formal presentations at group seminars; 3) written examinations; 4) written term paper; and 5) completion of required readings.

Program Costs:

Program Fee: \$2395 plus \$75 application fee, due 5/15/09

Estimated in-county expenses: \$1525 per person for land transportation, fuel, lodging, field activities/permits, course materials.

Scholarships and financial aid are available for this course. For scholarship information or for more details regarding the course and location, please visit our websites at:

<http://www.wrangells.org/aws.html>

<http://www.wildlandsstudies.com/5.html>.

Please feel free to contact us with any questions you may have about the program.

Sophie Gilbert, Faculty

Megan Gahl, Faculty and Academic Coordinator

sophiegilbert@gmail.com

gahlm@unb.ca

VOLUNTEER RESEARCH ASSISTANT NEEDED FOR RODENT RESEARCH IN THE ROCKY MOUNTAINS

Volunteer field research assistants needed June 10 - Aug 20 for an ongoing population and behavioral study of the montane vole. Shorter time intervals are possible, but I request a research assistant who can stay for at least 1 month.

Research: I am looking for a student to assist me with my field research this summer at the Rocky Mountain Biological Laboratory (RMBL) in Colorado. Field assistant responsibilities include early morning trapping, ear-tagging, collecting blood and fecal samples for parasite analysis, and creating trapping grids. I will also be conducting mate choice experiments that will involve behavioral observations. Previous experience working with rodents or conducting field work is desirable but not necessary; the only prerequisites are patience and persistence. If interested, the selected student will have the opportunity to investigate questions that relate to my project and I can help in the development of a paper or poster. This is an excellent opportunity for bright and enthusiastic students to gain field research experience.

Location: The remote alpine research station is set in the Rocky Mountains of Colorado, where there are numerous activities in the outdoors, including hiking, fishing, biking and rafting. The local landscape includes sagebrush scrub, meadows, aspen and conifer forests, alpine tundra, streams, lakes, and ponds. Local wildlife (that I have seen) includes numerous birds, amphibians, beavers, coyotes, red foxes, porcupines, deer, marmots, pikas, weasels, elk, and bighorn sheep. The research community of Gothic, Colorado is a spirited collection of scientists, post-docs, grad and undergrad students, and research assistants. Weekly summer seminars are given by researchers from across the country and socials are routinely planned by the students. Researchers have access to the library and computers with internet.

Support: I can offer course credit from the student's college, but no stipends or travel funds. The lodgings are rustic cooking cabins (rates are \$7.00/day). Part-time positions in the kitchen, store, and work-crew are available at the field station to supplement room and board.

Application Deadline: Review of applications will continue until positions are filled. I am looking to take on 3 volunteers.

Application: Via e-mail, please submit a one-page letter of interest stating how and why this position satisfies your interest and future career goals, a curriculum vitae or resume, and names and email addresses of 2 references to Jamie Winternitz at: e-mail: moonhartii@comcast.net

Jamie Winternitz, Graduate Student
Odum School of Ecology, University of Georgia
Athens, GA, 30602

VOLUNTEER ON A WILDLIFE PROJECT IN THE PERUVIAN AMAZON

Do you care about the planet? Love rainforests? Have enthusiasm for surveying wildlife?

Then don't miss the opportunity to develop surveying and identification skills in the field of neotropical ecology! This could be a once in a lifetime opportunity to train with experts in tropical ecology to make a real contribution towards conservation in the rainforests of Peru! You will be trained in surveying techniques and species identification skills.

Dates for 2009

6th July to 14th Aug - FULL for mammal & bird team, 2 places for herp team.

13th Aug to 20th Sept

5th Oct to 13th Nov

12th Nov to 20th Dec

Fauna Forever Tambopata is a long-term wildlife and ecotourism monitoring project based in and around the Tambopata National Reserve and Bahuaja Sonene National Park in the Amazon rainforest of south-eastern Peru. This region lies on the eastern edge of the Tropical Andes biodiversity hotspot, the richest and most diverse area on Earth. The Project is offering places to volunteers to help carry out wildlife monitoring. No previous research experience is required - all you need is a passion for conservation! You will be expected to make a contribution to costs associated with training, local travel, food and accommodation.

The research sites are located in some of the world's most biodiverse rainforests, including prize-winning ecolodges run by Rainforest Expeditions (www.perunature.com) and the two oldest ecolodges and research stations in the Peruvian Amazon: the Explorers Inn (www.explorersinn.com) and Reserva Amazonica (www.reserva-amazonica.info).

TO APPLY: Please download an Application Form from the Project website and email it with your CV (no more than 2 pages) to mail@faunaforevertambopata.org.

For more information please see the Project website: www.faunaforevertambopata.org

Fauna Forever Tambopata

Fauna Forever Tambopata is affiliated to TReeS-Peru, PO Box 28, Puerto

Maldonado, Madre de Dios, Peru

TReeS-Peru is a Peruvian not-for-profit organisation affiliated to TReeS, PO

Box 33153, London NW3 4DR, UK

TReeS is a UK Charity No. 298054.

Web: www.faunaforevertambopata.org | E-mail: mail@faunaforevertambopata.org

VOLUNTEER FIELD ASSISTANT: BEHAVIOR OF SNAKES AND SQUIRRELS (SAN DIEGO STATE UNIVERSITY)

Location: San Francisco Bay Area

Dates: Mid-April through mid-July

Job description: The Clark lab at San Diego State University is seeking committed, motivated individuals to assist in a behavioral ecology study on predator-prey interactions between western rattlesnakes (*Crotalus oreganus*) and California ground squirrels (*Spermophilus beecheyi*). Assistants will help with radio telemetry of rattlesnakes, mark and recapture of ground squirrels,

and behavioral observations of both rattlesnakes and ground squirrels in the field. This a great opportunity to gain experience with small mammal trapping, marking and handling of animals, radio telemetry, GPS, behavioral observation, and other basic behavior and ecology field techniques.

Qualifications: No experience necessary. On-the-job training will be provided, but priority will be given to those with prior field experience. Must be able to hike long distances carrying heavy equipment, conduct patient observations from a blind for long periods of time, and live in primitive conditions while camping in a remote wilderness area with no facilities. Must be hardworking, independent, good-natured, love working in the outdoors, and able to share close living quarters with several other researchers. Food and basic field supplies will be provided.

Application: To apply, please send a cover letter and resume (including contact information for three references) detailing your experience with field biology, wilderness skills, and animal behavior to Rulon Clark at: rclark@sciences.sdsu.edu

For more information, you can contact Rulon Clark at 619-594-1527 or rclark@sciences.sdsu.edu

MARMOT VOLUNTEER FIELD ASSISTANT (CALIFORNIA)

Location: White Mountains, California (near Bishop and Lone Pine)

Description: Field assistant volunteer needed to work in a PhD dissertation project aimed at studying the social behavior of yellow-bellied marmots. The study examines social structure and the distribution of behavior in groups. Duties include assisting with live trapping, restraining and measuring marmots, observing with a spotting scope, taking detailed behavioral observation notes and entering data. This is a great opportunity to gain field experience for graduate school.

Candidates must be available to work for the summer field season from June 1 – Aug 21th, 2009. Exact start and end dates are flexible.

Qualifications: Candidates must be comfortable living and working at a high altitude remote field station (12500 feet/3800 meters) with hantavirus risk. She/he should have an interest in biology and animal behavior, the desire to wake up early, hike carrying equipment, work long hours and deal with inclement weather. Attention to detail is important. Previous field experience is encouraged but not necessary. The volunteer is expected to cover his/her travel costs, as well as any medical costs.

Salary: 0

Compensation: Housing and food (\$50/day) will be provided (around \$3750 for the summer). Applicant will receive training and experience in trapping and wild animal restraint and will receive appropriate recognition in published reports.

If you would like any further information please contact me at: eebtwang@ucla.edu

Deadline to Apply: April 26th, 2009

If you are interested in the position please email a brief letter stating your interest in the project and relevant experience and a CV to the email below. Include the contact information of at least 2 references. Thea Wang: eebtwang@ucla.edu

Internships (Domestic)

REU: FOREST BIOGEOCHEMISTRY (WEST VIRGINIA UNIVERSITY)

2009 Summer Research Experience for Undergraduates in "Biological Responses to the Environment from Genes to the Ecosystem" is available at West Virginia University in Morgantown, WV, in forest soils and forest biogeochemistry, among many other topics. This is an NSF-supported summer research program for undergraduate students who are interested in careers in environmental biology, ecology, or plant biology. Students receive a stipend, room and board, and travel allowance. Application deadline is March 31, and start date is May 25. For more information on this program, and application materials, interested students should go to: <http://reu.as.wvu.edu>

Kathryn (Kate) Piatek
Assistant Professor, Forest Soils and Management
West Virginia University
Division of Forestry and Natural Resources
Morgantown, WV 26506
phone: 304 293-6292
e-mail: kathryn.piatek@mail.wvu.edu

FIELD RESEARCH POSITION: INVASIVE PLANTS (BLANDY EXPERIMENTAL FARM, BOYCE, VA)

I am looking for a field assistant interested in research experience with invasive species and disturbance in plant communities. The position will involve making phenological measurements, harvesting fruits and plants, and making pollinator observations on native and invasive species. You will learn to identify native and invasive plant species, how to design and run a large-scale field experiment, and may have the opportunity to design and work on your own (related) project. I need someone who enjoys nature and is willing and able to work outside in summer conditions. Room to live and work, utilities, and some meals are paid for. The field site is located near Winchester, Virginia (approx. 70 miles west of Washington, DC) at the Blandy Experimental Farm, a research station that has a community of both graduate and undergraduate students working there each summer. The large number of students provides for a lively community. This is also where the State Arboretum of Virginia is located, and many popular hiking trails (including the Allegheny trail) and wineries are nearby. This is a great opportunity to spend the summer outdoors and gain valuable research experience, and to have fun in the countryside of the Shenandoah Valley. This is a volunteer position, and there may be an option to receive credit, if your program allows it. The position lasts the duration of the summer; exact starting and ending times are negotiable. E-mail Kevin Barry at kbarry1@umd.edu for more information.

FIELD ASSISTANTS: INTERACTIONS BETWEEN SMALL MAMMALS AND THEIR PREY AND PARASITES (UPSTATE NEW YORK)

I am hiring 4-5 field assistants for an NSF-funded project in Millbrook, New York, from May until Aug or September 2008. Millbrook is in the Hudson Valley, 2.5 hours or less from the Adirondacks, Catskills, Berkshires, and New York City. Here's your chance to check out the east coast without living in a megalopolis!

This project will address how small-scale spatial distribution of small mammals affects their impact on prey and parasite populations in northeastern U.S. forests. Results of this study will be

pertinent to understanding and predicting outbreaks of forests insects and human disease risk, as well as understanding the foraging behavior of mammals.

Send cover letter indicating qualifications, resume, and contact information for 3 references.

Applicants should be very reliable, conscientious, and able to work strenuously outdoors, sometimes in inclement and buggy conditions. Valid driver's license required.

Highest consideration will be given to applicants with prior field experience; training in wildlife biology, ecology, zoology, or related fields; and/or experience with Excel and Access.

Pay: \$12/hr

Housing: available on site

I'm also looking for a graduate student for this project to begin in Fall 09 - inquire if interested!

Eric

Eric M. Schauber, Ph.D.
Associate Professor of Zoology
Wildlife Ecologist -- Cooperative Wildlife Research Laboratory
Center for Ecology
Southern Illinois University Carbondale
618-453-6940
618-453-6944 (fax)

COMPARATIVE NUTRITION INTERNSHIP: LINCOLN PARK ZOO (CHICAGO, IL)

Location: Lincoln Park Zoo, Chicago, IL

Duration: 8 weeks (July 2009-August 2009)

INTERNSHIP OVERVIEW:

The selected student will:

-Be provided with practical training in the field of comparative animal nutrition.

-Develop an understanding of zoo animal nutrition including the following: comparative digestive physiology and diet implications, common zoo species' nutritional idiosyncrasies, diet formulation and review, physiologic assessment criteria, relevant background literature and sources of data/information, nutritional analysis, nutrition center management, record keeping, HACCP procedures, zoo-based nutrition research, roles of zoo personnel as they pertain to animal management.

-Conduct an independent research project.

INTERN'S RESPONSIBILITIES

-Become familiar and assist with daily zoo operations, including nutrition center and satellite kitchen tasks.

- Read archived journal articles for weekly discussion on various topics.
- Learn the diet review process and perform diet reviews for selected species.
- Become familiar with zoo data programs such as Zootrition and MedArks.
- Develop, research, document, and present a limited project or assemble a case report which will be presented to the department at the conclusion of internship.

QUALIFICATIONS

- Undergraduate or Master's degree in relevant field such as animal science, biology, zoology, wildlife biology, food science, nutrition. Junior or Senior undergraduates may be considered depending on qualifications. Completion of at least one college-level nutrition course is preferred.
- Proficient in Microsoft Office (e.g. PowerPoint, Excel).
- At least 3 months experience in at least two of the following areas: animal husbandry, research laboratory, independent research, food preparation.
- Demonstrated skills in technical writing (based on application essay).
- Ability to lift and carry 50 pounds and work in a walk-in cooler

IF INTERESTED, SEND COVER LETTER, RESUME, AND 3 REFERENCES (1 NON-ACADEMIC) BY 30 APRIL TO:

Shana R. Lavin, Ph.D.
slavin@lpzoo.org

Shana R. Lavin, Ph.D.
Nutrition Manager
Lincoln Park Zoo
2001 N. Clark St.
Chicago, IL 60614
tel- 312-742-6730
fax-312-742-7823
slavin@lpzoo.org

SUMMER TECHNICIAN POSITION: FOREST ECOLOGY (OKLAHOMA)

Position: Forest ecology summer field technician position is offered for work in the Cross Timbers forests of Oklahoma. This is a full time summer job for May, June, July and early August. The pay scale starts at \$10 per hour and all work related travel expenses will be paid. The project office is in Stillwater, Oklahoma.

Type of work: The job requires extensive field work in the Okmulgee, Lexington and Cherokee Wildlife Management Areas. These sites are all within a two-hour drive of Stillwater, Oklahoma. We will be measuring and sampling vegetation along randomly located transects. There will be some office work managing data bases and analyzing data.

Project: This position is part of the project "Fire Frequency Effects on Habitat Quality of Three Wildlife Management Areas Dominated by Cross Timbers Forests" supported by the Oklahoma Department of Wildlife Conservation. Dr. David M. Leslie, Jr., Leader of the Oklahoma Cooperative Fish and Wildlife Research Unit is co-director of the project. The objective is to quantify relationships among fire frequency, habitat quality, and wildlife values in Cross Timbers forests including vegetation composition and structure, forage production and amount and quality of litter and coarse woody debris.

Qualifications: The persons applying for the job should be capable of extensive field work in Oklahoma in the summer. It would be best if they have strong background in biology or ecology and are capable of identifying plant species.

Contact: Steve Hallgren, 022 Ag Hall, 744-6805, steve.hallgren@okstate.edu

Steve Hallgren
022 Ag Hall
Natural Resource Ecology and Management
Oklahoma State University
Stillwater, OK 74078
Office: 405-744-6805
FAX: 405-744-3530

MULTIPLE TECHNICIAN POSITIONS: STREAM ECOLOGY CENTER (IDAHO STATE UNIVERSITY)

The Idaho State University Stream Ecology Center is seeking candidates for multiple summer positions to assist in nutrient and food web studies in the Rocky Mountains. Projects include studies of effects of salmon carcasses on linked stream-riparian ecosystems, food-web ecology of river floodplains, and effects of invasive species and climate change on stream and river ecosystems.

Duties: Assist with field sampling and experimental studies of stream and riparian zones. Opportunities include analyses of aquatic and riparian food webs including fish, aquatic insects, and algae, conducting nutrient releases to quantify uptake and export, and measurements of whole ecosystem metabolism. This is an excellent opportunity to learn skills needed to perform graduate-level research in stream ecology and/or fisheries biology.

Employment dates: One 1-yr position (June 2009 – May 2010) and two or more seasonal positions (June through August or September, some flexibility on dates) are available. See website for additional information on current lab projects and positions available.

Qualifications: Candidates should be enthusiastic, have a strong work ethic, and work well with others. The capability to work long days under potentially adverse weather conditions and terrain is a must. Field experience in stream ecology, fisheries, or hydrology preferred. A bachelor's degree in Natural Resources or related field is required for the 1-yr position.

Locations: The 1-yr position will involve field work in the Methow River, northern Washington. Seasonal positions are located in the upper Boise River and Salmon River drainages, central and western Idaho. All field work will involve extended camping. While not in the field, technicians will be based in the Stream Ecology Center at Idaho State University in Pocatello.

Salary: Salary will be commensurate with education and experience (\$9-12/hr). Travel expenses to accomplish field work will be covered. Employees will work a minimum of 40 hr/wk.

Application: E-mail cover letter and resumé including experience, relevant coursework, contacts for three references, and dates available to Dr. Colden Baxter (baxtcold@isu.edu, 208-282-6098), Dept. of Biological Sciences, Idaho State University, Pocatello, ID 83209, web <http://www.isu.edu/departments/strmecol>. Consideration of applicants will begin immediately; apply as soon as possible for full consideration. Application deadline: March 27, 2009.

Amy Marcarelli, PhD
Postdoctoral Researcher
Stream Ecology Center / Department of Biological Sciences
Idaho State University, 921 S. 8th Ave, Stop 8007
Pocatello, ID 83209-8007
208.282.3211
marcamy@isu.edu
<http://www.isu.edu/~marcamy>

REU IN ENVIRONMENTAL RESEARCH (THE ACADEMY FOR THE ENVIRONMENT, NEVADA)

The Academy for the Environment (<http://environment.unr.edu/>), facilitating student involvement in environmental research and education at UNR, and the Great Basin Institute (<http://www.thegreatbasininstitute.org/>), an environmental research, education and conservation organization, invite applications for the summer 2009 REU program in natural resources – conservation and socioeconomic issues, sponsored by the National Science Foundation.

Overview of Program: Research teams will work in the eastern Sierra region of Nevada, within the Lake Tahoe-Truckee River-Pyramid Lake watershed, on studies ranging from fire effects on watershed restoration to anthropogenic influences on water quality along the shore zone at Lake Tahoe. Participants will be exposed to diverse scientific inquiries and technologies to gain insight into how science informs land and water use policy, management and conservation initiatives.

The program will take place during the ten consecutive weeks of 8 June through 14 August 2009.

Students in the program will be provided a stipend of \$4500, along with housing and per diem.

Research Topics Include:

- Biological, physical and chemical sampling of aquatic resources
- Impacts and management of invasive species
- Remote sensing and rephotography (comparing past and current images of an area) analyses of environmental change
- Resource management policy and implementation within the watershed
- Recreation and capacity studies of state and federal lands in the Tahoe Basin

Eligibility: Qualified undergraduates, who will have junior or senior status and will be a full-time student in the Fall 2009 term, with a combination of coursework in the following disciplines are invited to apply: environmental studies, natural resources, biology, ecology, hydrology, resource economics, and statistics. We especially encourage applications from students at primarily undergraduate institutions and from underrepresented groups. Participants must be citizens or permanent legal residents of the USA. Review of applications will begin on 20 March 2009. Applications received after this date will be considered on a space-available basis.

Contact: See <http://environment.unr.edu/> for links to an application and other information on this REU program. For further information, contact Mike Collopy at mcollopy@unr.edu or 775-784-8262.

ECOLOGY FIELD TECHNICIAN: TONGASS NATIONAL FOREST (JUNEAU, ALASKA)

JOB ANNOUNCEMENT

Summer Ecology Field Tech

Dates: Early/Mid May through Mid August, 2009

Location: Tongass National Forest, Juneau, Alaska

APPLICATION DEADLINE: April 10th, 2009

The position advertised is for one (1) full-time field technician to assist a Colorado State University graduate student in data collection. This project is to study the wetland to upland forest ecosystem gradient in Southeast Alaska. The study will look specifically into the hydrologic processes that create and characterize this gradient and how plant species are distributed along gradients.

RESPONSIBILITIES: Duties include conducting vegetation surveys (identifying plants, abundance, species composition, and cover estimates), collecting soil and seed samples, counting seeds, and digging water wells.

QUALIFICATIONS: Candidates must possess a four-year degree or currently be enrolled at a college or university pursuing a degree in ecology, natural resource management, range management, forestry, or related major. Candidates must be in good physical condition, capable of working long days in the field on rugged terrain and under variable weather conditions. Digging wells will be hard, manual labor. Ability to work under these conditions is essential. Candidates should be comfortable in the backcountry; we may spend multiple nights camping in the field. Skills in the following areas are valuable: working well in an isolated team setting, wilderness safety and first aid training, and experience with backcountry travel. Experience with relevant fieldwork and plant identification skills are desirable, but not necessary. A valid driver's license and safe driving record are required.

SALARY: \$375/week plus housing at Tongass National Forest USFS Housing in Juneau, AK

APPLICATION PROCESS: Email a 1-2 page resume and cover letter, including three references with telephone numbers and email addresses, to the contact information below. Please indicate availability, as dates are somewhat flexible.

CONTACT:

Sarah Bisbing, PhD Candidate
Graduate Degree Program in Ecology
Department of Forest, Rangeland, & Watershed Stewardship
Colorado State University
email: sarah.bisbing@gmail.com

REUs (5) AT KELLOGG BIOLOGICAL STATION (MICHIGAN STATE UNIVERSITY)

We just added 5 additional Research Experiences for Undergraduates for Summer 2009. These programs let you get first hand research experience!

Applications are considered in the order they are received, so early application is encouraged!

<http://www.kbs.msu.edu/reu/#reu>

Quantitative Environmental and Integrative Biology: Two REU positions are available for projects on modeling the dynamics of competition in aquatic systems.

Wetland Biogeochemistry: One REU position is available to join an NSF study investigating how wetland sediments release or retain phosphorus.

Ecological Genetics:

Two REU positions are available for projects on the ecology and evolutionary genetics of flowering plants.

FIELD POSITIONS: FOREST ECOLOGY ON THE COLVILLE NATIONAL FOREST (WASHINGTON)

DESCRIPTION: One (1) field crew supervisor and one (1) field crew position will be hired to assist a University of Montana graduate student with data collection. The project's objective is to assess the response of ponderosa pine and Douglas fir to drought and climate variability across different habitat types and growing conditions. The crew will spend approximately three months working across all corners of the Colville National Forest in northeast WA to locate sites and collect data. Camping will sometimes be required to access the most remote sites.

RESPONSIBILITIES: Primary duties will involve coring trees and measuring various stand and tree attributes. Locating study sites will be an important and challenging component of these positions and will require the use of topographic maps, GPS, 4WD and off-trail hiking.

QUALIFICATIONS: These positions will be hired as USFS employees through the STEP program. Candidates must be students that plan on returning to a college or university degree program following the field season. These positions are best suited to upper-level undergraduates or graduate students who are giving serious consideration to advanced study or professional work in forest ecology or silviculture. Candidates must be in good physical condition and capable of working long days in the field under hot, rugged and sometimes remote conditions. Most importantly, I seek individuals who are self-motivated, detail-oriented, have legible handwriting, and can work and live cooperatively with others. Valid driver's license and safe driving record is required.

SALARY: \$13.18 to \$16.44/hr DOE. Housing will be available.

DURATION/SCHEDULE: Positions will be based out of the Sullivan Lake Ranger District, ~20 miles from the Canadian border. Anticipated start and end dates are 8 June to 28 August 2009. The work schedule will most likely be four 10 hour days with three days off each week.

CLOSING DATE: Applications will be considered on a rolling basis until 10 April 2008.

APPLICATION MATERIALS: 1) Cover letter that includes information about your interests and qualifications; dates of availability; and names, phone numbers, and email addresses of 3 references - including your most recent employer; 2) Resume; 3) Academic Transcripts.

TO APPLY: Attach application materials (preferably as a single Microsoft Word or Adobe PDF file) using the following naming format: "lastname_firstname_09App". Email complete application with subject line "2009 Field Work Application" to: gunnar_carnwath@yahoo.com

FOR MORE INFORMATION:

Gunnar Carnwath, PhD candidate
University of Montana
Email: gunnar_carnwath@yahoo.com
Phone: 509-675-1540

NSF REU IN ECOSYSTEM ECOLOGY (LOYOLA UNIVERSITY, NEW ORLEANS)

A NSF-funded summer research experience for undergraduates (REU) position is available to a qualified student interested in conducting research in ecosystem ecology. The student will be based at Loyola University New Orleans and will conduct independent research in support of a collaborative research project between investigators from Loyola, the University of Arizona, New Mexico State University and the University of Kentucky examining interactive effects of solar UV and soil erosion on litter decomposition and biogeochemistry in desert shrublands.

Qualifications: Undergraduate majoring in Biology, Botany, Rangeland Ecology or related field. Prior coursework in ecology is required and familiarity with computers, statistics and data processing is essential.

Requirements: Individuals will be expected to, 1) conduct independent research that supports the overall research project; 2) work with other students and researchers in a collaborative research situation, and 3) prepare and submit a final written report of their research.

Support: 3 months (May 15 – August 15, 2009; dates negotiable) of summer support (\$1920/month), plus additional funds to cover living expenses in New Orleans and travel to the Arizona field site.

Application: Interested students should submit a letter of application, a brief resume, copies of transcripts, and names and addresses of two references to: Dr. Paul W. Barnes, Department of Biological Sciences, Loyola University New Orleans, New Orleans, LA 70118; Phone: 504.865.2008; Email: pwbarnes@loyno.edu.

FIELD TECHNICIAN POSITIONS: CORRIDORS AND RESTORATION (SOUTH CAROLINA)

We seek to fill multiple temporary field technician positions for a large-scale experiment on restoration of plant communities in fragmented habitats with corridors. Technicians will join a team of several principal investigators (Ellen Damschen at Washington University in St. Louis, Nick Haddad at North Carolina State University, Doug Levey at University of Florida, and Josh Tewksbury at University of Washington), postdoc Lars Brudvig, and several undergraduate and graduate students, and be provided exposure to numerous research questions and approaches.

Research will include studies of the effects of corridors on various aspects of plant restoration, including establishment and population growth. Tasks will include maintaining experimental

transplants and plots, experimental studies of plants (and animals that interact with them), and working with other project collaborators. Opportunities for independent research projects exist for highly motivated individuals.

Positions will begin as early as April 2009, and will last for a minimum of three months; however, possibilities for extension exist and applicants are encouraged to indicate dates of availability in their application letter. Pay rate will be \$10.00/hr. Technicians will live near New Ellenton, SC, where the field site is located. Successful candidates will hold or be working towards a bachelor's degree in ecology, biology, or a related discipline and must be able to endure hot and humid conditions and long hours in the field. Previous field research experience is desirable. 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.

Additional information about the project is available on the web at:
<http://www.conservationcorridor.org/Corridor%20Experiment.html>
<http://www4.ncsu.edu/%7Ehaddad/Corridors/Corridors.html>

To apply, please email a CV or resume and letter describing past experience, why this position is interesting or important to you, dates of availability, and contact information with email addresses for two references to Lars Brudvig: brudvig@biology2.wustl.edu. Women and minorities are strongly encouraged to apply.

CHAINSAW/TRAIL/RESTORATION TEAM MEMBER (NEVADA CONSERVATION CORPS)

Description:

Spend your summer working and camping outside at some of Nevada's premier natural areas. Serve alongside international volunteers and college students from across the country while making a lasting contribution to Nevada's natural heritage. Gain valuable field experience while working on habitat improvement, restoration, and recreation projects with the U.S. Forest Service, Bureau of Land Management, National Park Service, and local and state agencies. Projects include trail building and maintenance, tree thinning with chain saws, and riparian restoration.

Compensation:

This is an AmeriCorps position, and candidates will receive a living stipend of \$3,306 for the summer. This is not an hourly wage or a salary and is paid to members bi-monthly throughout the summer. Upon completion of AmeriCorps service members shall receive an additional education award in the amount of \$1,250 that can be used for paying off student loans, or paying tuition for a Title IV accredited college.

Timeline: May 18, 2009 – August 13, 2009

Conservation Projects:

- Trail building and rehabilitation
- Exotic species removal
- Forest thinning
- Habitat restoration
- Riparian rehabilitation
- Illegal road decommissioning

Duties:

- Maintaining a positive and professional attitude at all times while providing service
- Communicating with agency project staff
- Complying with both production and quality work standards established by NCC administration, crew supervisors and project partners
- Contributing to basic duties at the campsite including cooking, cleaning and organizing crew equipment

Work Schedule: Crew members serve in the field Monday through Thursday, 10 hours a day.

Training:

Members will participate in orientation from May 18, 2009 to May 22, 2008, where they will receive training in chainsaw use, trail building, leave & trace ethics, CPR/ First Aid, and effective citizenship.

Locations:

- Lake Tahoe
- Great Basin National Park
- Lake Mead
- Ash Meadows National Wildlife Refuge
- Ely, Nevada

Qualifications:

To qualify, you must be over 18 years of age and a US citizen that has received a high school diploma or GED.

To Apply:

Step 1: Click here <https://my.americorps.gov/mp/listing/viewListing.do?id=8800>

Step 2: Click "Apply" then register.

Step 3: Once registered login and complete the application.

Step 4: Click the "Search Listings" link and search for program name: Nevada Conservation Corps

Step 5: Click on the position then hit the "Apply Now" button at the bottom of the listing.

Please direct all questions regarding the application process to Bridget Walden at bwalden@thegreatbasininstitute.org.

These AmeriCorps positions are made possible by a generous grant from the Nevada Commission for National and Community Service. This program prohibits discrimination on the basis of race, religion, sex, marital status, sexual orientation, or disability. Persons with disabilities are encouraged to apply.

*****Internships (Abroad)*****

RESEARCH JOB FOR UNDERGRADUATES ON MIDGETS AND DYNAMICS OF TERRESTRIAL FOOD WEB (ICELAND)

We are looking for two motivated and mature undergraduates to join an interdisciplinary research team that will be studying the ecology of lake-land interactions in northern Iceland in the summer of 2009. The research focuses on understanding the role midges play in the dynamics of terrestrial food webs surrounding sub-arctic lakes. The responsibilities of the field assistants will include helping post-docs, faculty and graduate students conduct field research, collecting and processing arthropod and plant samples, conducting lab and field experiments and contributing to logistics and field station duties. The position will include travel expenses to and from Iceland, food and lodging, and a small stipend.

Interns are expected to join the research team in Iceland from late-May/early-June to mid/late August.

To be considered for the position, please submit the following: a cover letter outlining your background and the reasons you would be a good candidate for this position, a current resume along with the names of two people that can serve as references. Interest in biology/ecology is preferred but we will consider applicants from all disciplines. Send your materials (in one PDF) to Dr. David Hoekman, Department of Entomology, dhoekman@wisc.edu After initial screening of materials, finalists will be contacted for interviews in March.

David Hoekman

Claudio Gratton

David Hoekman
Postdoctoral Fellow
University of Wisconsin - Madison
Department of Entomology
437 Russell Labs
1630 Linden Drive
Madison WI 53706

Master's Programs

GRADUATE RESEARCH ASSISTANTSHIP IN INTEGRATED PEST MANAGEMENT (MICHIGAN TECH)

A graduate research assistantship at the PhD. level is available in the Invasive Plant Ecology Laboratory of Dr. Tarasoff at the School of Forest Resources and Environmental Science, Michigan Technological University. The successful applicant will lead an Integrated Pest Management project studying the use of the Wetblade (<http://www.diamondmowers.com/>) to control Canada thistle and common reed along roadways. The goals of the project are to reduce herbicide use, drift, applicator exposure and environmental contamination while improving invasive species control. As the project is experiment-based, field work will be required in the St.Paul/Minneapolis region. However, it is expected that the student will develop complementary greenhouse experiments.

A background in forestry, botany, ecology, weed science, plant physiology or agronomy is desirable; as well as, the application of statistical methods. Proficiency in spoken and written English is a necessity.

Michigan Tech is one of the Nation's premier Forestry and Environmental Science Universities. The School of Forest Resources and Environmental Science has been ranked **fourth in the nation* <<http://www.academicanalytics.com/TopSchools/TopPrograms.aspx#9>>* for scholarly productivity among forestry schools, and *first in North America* <<http://saf.publisher.ingentaconnect.com/content/saf/jof/2006/00000104/00000005/art00005>> based on citations per faculty member.

Michigan Tech is located in the snowbelt (>200" annual snowfall) of Michigan's Keweenaw Peninsula on the south shore of Lake Superior. Michigan Tech is in the small town of Houghton, which was rated as one of the top 10 U.S. adrenaline outposts by National Geographic Adventure Magazine<http://www.nationalgeographic.com/adventure/0107/trips_5.html> and boasts excellent skiing, hiking, kayaking and mountain biking.

Consideration of applications begins immediately and will continue until the position is filled. The ideal start dates are May 1 or September 1, 2009. Benefits include a monthly stipend and tuition waiver.

Interested applicants are encouraged to send a letter stating your interest in the program and a CV to Dr. Tarasoff via email at ctarasof@mtu.edu.

Catherine Tarasoff, PhD. – Assistant Professor Weed Science - Invasive Plant Ecology
School of Forest Resources and Environmental Science &
Department of Biological Sciences
1400 Townsend Drive
Michigan Technological University
Houghton, MI
49931
906-487-2396
ctarasof@mtu.edu

GRADUATE ASSISTANT - MODELING INGROWTH AND MORTALITY IN MANAGED NORTHERN HARDWOOD STANDS (SUNY COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY)

MS/PhD Research Assistant - Modeling Ingrowth and Mortality in Managed Northern Hardwood Stands to Evaluate Forest Sustainability

A MS/PhD research assistantship is available for Fall 2009 (possible summer 2009 start) at the Department of Forest and Natural Resources Management at SUNY College of Environmental Science and Forestry. Research will utilize long-term re-measurement data to investigate the role of past management activities on rates of mortality across dbh classes and ingrowth (regeneration) within managed northern hardwood stands.

Prospective students should be highly motivated, demonstrate good communication skills (written and oral), strong quantitative skill and be willing to conduct field work. A BS in forestry, forest ecology, or natural resources is desirable.

This is a fully funded assistantship that includes: tuition, stipend, and health insurance for the student.

To inquire further, please email Dr. Eddie Bevilacqua (ebevilacqua@esf.edu) a CV, a description of your research interests and experience, and unofficial transcripts. The successful candidate may begin their program in May 2009. Review of applications will continue until a suitable candidate is found.

GRADUATE OPPORTUNITIES IN ECOLOGY AND EVOLUTION AT UNIVERSITY OF HOUSTON (TX)

The Department of Biology and Biochemistry at the University of Houston (UH) welcomes applications for its graduate program in Evolutionary Biology and Ecology for Fall 2009. The following faculty in the area of Evolutionary Biology and Ecology are seeking graduate students for their labs:

Blaine Cole (bcole@uh.edu) - Evolution and social behavior

Dan Graur (dgraur@uh.edu) - Theoretical molecular evolution

Diane Wiernasz (dwiernasz@uh.edu) - Ecological genetics

George Fox (fox@uh.edu) - Experimental evolution and origin of life

Rebecca Zufall (rzufall@uh.edu) - Genome and molecular evolution

Ricardo Azevedo (razevedo@uh.edu) - Evolution of development and behavior

Steve Pennings (spennings@uh.edu) - Community ecology

Tim Cooper (tcooper@central.uh.edu) - Experimental evolution

Tony Frankino (wafranki@central.uh.edu) - Evolution of development

Yuriy Fofanov (yfofanov@bioinfo.uh.edu) - Evolutionary bioinformatics

For more information regarding the Evolutionary Biology and Ecology graduate program at UH see: <http://www.uh.edu/admissions/graduate/>

The deadline for application of prospective students is April 1st, 2009, but students are encourage to apply as soon as possible.

GRADUATE (MS) ASSISTANTSHIPS IN MOLLUSK ECOLOGY (UNIVERSITY OF LOUISIANA AT MONROE)

Graduate (MS) Assistantships in Mollusk Ecology

University of Louisiana at Monroe

Website: www.ulm.edu/biology

I am looking for one, possibly two, MS students interested in invertebrate ecology, diversity, and distribution beginning August 2009. Projects include correlating land use practices with freshwater mussel diversity in Bayou Bartholomew (AR & LA), land snail surveys at a local wildlife refuge, and freshwater snail surveys in Arkansas. Students should have a B.S. in Biology or related field by the start date, and must be willing to dedicate two to three years on the project. Students with previous GIS experience are highly encouraged to apply for the mussel project; students with experience in community ecology analysis and field work are encouraged to apply for the others. Stipends include full tuition waiver along with a \$8,000 annual teaching assistantship. Stipends may be augmented by grants currently under review.

NOTE: all positions are subject to budgetary funding and the availability of competitive assistantships.

Location: Monroe, LA USA Salary: \$8,000-\$10,000 annual plus tuition waiver

Qualifications: Admission requirements include a minimum 2.5 undergraduate GPA and a minimum 900 (V+Q) GRE score. Students must apply to both the graduate school and the department separately.

Start Date: August 1, 2009 Application

Deadline: ASAP

For more information contact:

Dr. Russ Minton
Department of Biology
University of Louisiana at Monroe
318-342-1795
minton@ulm.edu

FELLOWSHIP OPPORTUNITY IN HYDROLOGY (SUMMER SYNTHESIS INSTITUTE, NYC)

The Northeast Consortium for Hydrologic Synthesis represents a broad cross-section faculty, post-doctoral fellows and students in the hydro-sciences and affiliated water policy and management sectors, dedicated to addressing "The 500-Year Challenge" – to understand the role of humans in shaping the character of hydrologic systems across the Northeast Corridor from year 1600 to 2100.

Following a successful 2008 Summer Synthesis Institute, we are now assembling a group of energetic and creative Summer Synthesis Scholars to participate in the 2009 Institute to be held from June 15 to July 25 in New York City. The central question for this year's Institute is:

What was the nature of hydro-systems across the Northeastern U.S. during the 19th century, how did hydrologic dynamics shape human decision-making and, in turn, how did human decision-making shape the hydrologic cycle during this timeframe?

The Summer Scholars will participate in a suite of fast-paced synthesis and integration research activities, guided by mentors, but largely self-directed by the Scholars themselves. The Institute is cast at a strategic level, with a primary aim being to help formulate the key elements, scientific questions, and hypotheses to be pursued by the Consortium at large. It is anticipated that the initial set of ideas and findings of the Institute will inspire further work by the Scholars at their

home institutions, with the Consortium supporting follow-up communications and guidance to the group.

Participants will benefit from a unique opportunity to:

Engage in interdisciplinary, team-based research
Interact with nationally and internationally recognized leaders in the field
Gain important insights into generating hypotheses and asking integrative science questions
Formulate potential M.S., PhD, and post-doctoral research topics
Create a lasting network of professional relationships

WHO CAN APPLY: The Summer Institute is open to all levels of graduate and exceptional undergraduate students. Applications are welcome with interests in all fields and sub-fields of hydrology, environmental sciences and engineering, ecology, geomorphology, climatology, watershed science, geology, economics (ecological, natural resource, environmental, agricultural), forest and wildlife sciences, natural resource/environmental policy and management, history, geography/human geography, urban planning and development

Scholars will be chosen through a competitive process. Successful applicants will be awarded a \$3500 stipend for the full six weeks, in addition to housing at Columbia University, plus travel expenses to the 2009 Fall Meeting of the American Geophysical Union in San Francisco, where they will present their findings. Shorter duration stays may be considered. Applications should include (i) a 1-page statement of expertise and research interests, (ii) 2-page resume, and (iii) two letters of reference. The research statement should summarize the applicant's scientific interests and what perspectives he/she could bring to the Summer Institute.

Further information is available at <http://hydrosynthesis.ccny.cuny.edu/> . Application materials should be emailed to chermans@ccny.cuny.edu by March 31, 2009.

Full-Time Employment

RESEARCH TECH POSITIONS IN DISEASE ECOLOGY (UNIVERSITY OF LIVERPOOL, UK)

Two full-time research technician positions are available in the School of Biological Sciences, University of Liverpool, UK

Title: Assessing the stability of parasite communities through perturbation experiments

Two full-time research technician posts are available to join a project studying the parasite communities of small mammals (wood mice) in the wild. This is part of a NERC-funded grant led by Amy Pedersen, Owen Petchey (University of Sheffield) and Andy Fenton (University of Liverpool), involving both fieldwork (small-mammal trapping) and laboratory assays.

Both posts are based within the Division of Population and Evolutionary Biology in the School of Biological Sciences, Liverpool, and will be responsible for conducting the small-mammal trapping at our field sites on the Wirral, Merseyside. We are looking for a Senior technician (Grade 6; £25,623 - £27,183) that has extensive experience with small-mammal trapping. The Graduate technician (Grade 5; £22,126 pa) will receive training in small-mammal trapping and techniques in parasitology. Opportunities will be available for both technicians to develop their research interests within this host-parasite system.

The Senior technician should have relevant experience and ideally hold a Home Office personal licence for handling small mammals. Both technicians will be required to undertake the majority of

the intensive trapping on the project, and so should be familiar with organising and conducting fieldwork. Both technicians should hold valid UK driving licences. The posts are available for 3 years, starting in May 2009.

Closing date for receipt of applications is 20 March 2009.

For the Grade 6 Senior technician (Ref: S-569346/WWW) application and specific job description, please go to: http://www.liv.ac.uk/working/job_vacancies/technical/S-569346.htm

For the Grade 5 Graduate technician (Ref: S-569345/WWW) application and specific job description, please go to: http://www.liv.ac.uk/working/job_vacancies/technical/S-569345.htm

For specific information about the project, please email Amy Pedersen (a.pedersen@sheffield.ac.uk) and/or Andy Fenton (a.fenton@liverpool.ac.uk).

Post Undergraduate Part-Time Employment

SEASONAL POSITION: LIVE-IN INTERN AT ELK LAKE, ADIRONDACKS, NY

This position is ideal for persons seeking solitude, serenity, and beautiful pristine landscapes during the writing stage of their dissertation, or have field sites in the high peaks areas of the Adirondacks, but have no funding. Free food, lodging, and decent tip share.

Seeking interested individual to live at Elk Lake Lodge (elklakelodge.com) located on a 12,000-acre privately-owned forest preserve in the heart of the High Peaks region, ringed by Dix, Macomb, Nippletop and Colvin mountains with 40 miles of well-maintained private trails and the take-off point for state trails into the High Peaks Wilderness Area during the period May 1 – October 17, 2008 (Dates listed are preferred but flexible, according to student schedule)

Responsibilities:

- * Answer phones and take reservations from 4:30 to 8:30 pm.
- * Assist dining room/ kitchen staff as needed
- * Strong interpersonal and communication skills
- * On property overnight and available to mitigate emergencies as well as minor incidents
- * Knowledge of the property and area attractions of potential interest to guests
- * Ability to work at least 20 hours a week

In exchange, Elk Lake Lodge will provide:

- Free room and board
 - Use of all Elk Lake facilities
 - 12,000-acre private preserve including 2 lakes for recreation and/or owner-approved research
 - Hourly rate beginning at \$9.00 per hour
- Call Managers Cammy or Mike Sheridan at 518-532-7616 or e-mail info@elklakelodge.com to arrange an interview

FIELD ASSISTANT: LARVAL FISH ECOLOGY (SAGINAW BAY, MI)

Field assistant
Larval fish ecology in Saginaw Bay, MI

Full-time position \$8-10 /hr.

We seek an enthusiastic researcher to participate in a study of fish recruitment mechanisms in Saginaw Bay (Lake Huron). The position is based in central Michigan. Duties will include assisting with nearshore and offshore collections of larval fish, benthic invertebrates, zooplankton and adult fish. In addition, duties will include some processing and identification of collected samples. Work may occur in inclement weather or rough seas, and may include weekends, evenings, and/or long days. Field work will commence in early April of 2009, continuing through summer or fall; however, start and end dates for the position are somewhat flexible.

Housing and transportation (but not food) will be provided.

The position will work closely with researchers from Purdue University (web.ics.purdue.edu/~thook) and NOAA's Great Lakes Environmental Research Laboratory (www.glerl.noaa.gov).

Please contact Carolyn Foley (cfoley@purdue.edu) for further information.

DATA MANAGER/ ASSISTANT ECOLOGIST POSITION (JACKSON, WY)

Job Title: Data Manager/ Assistant Ecologist

Classification: full time, 7-month position

Duration: early April – October 30

Salary: based on experience

Employer: Conservation Research Center of Teton Science Schools

Number of Positions: 1

Locations: based in Jackson, WY – extensive travel required

Job Description:

Data Manger/ Assistant Ecologist will be responsible for managing all data (GIS, excel, photos, etc.) associated with a large-scale habitat assessment project. Project involves eight field technicians and five study areas based out of LaBarge, Big Piney and Rawlins, WY. Data manager will work with Ecologist to train field technicians in proper data collection and management techniques and function as an expert resource. Data manager will assist with all pre-season preparations, landowner contacts and coordinate all gear logistics with Ecologist and GIS Manager, manage the gear check-in and check-out process, inventory, care and maintenance of gear throughout the field season. Extensive travel to field sites is required. As time is available, data manager may also function as a field technician. Experience with plant identification, ungulate ecology, navigation, GPS/GIS, data entry and data management necessary.

Applicant should possess a BS (MS preferred) in Botany, Range Science, Wildlife, Ecology, Resource Management or related field and should be in excellent physical condition. Data manager and technicians will be supervised by Ecologist based in Jackson, Wyoming. Data manager will also be based in Jackson, WY. Preferred start date is the beginning of April.

Qualifications

In addition to technicians' qualifications (below), applicants should have:

- Excellent data management, Excel and GIS skills
- Excellent plant identification skills

- The ability to clearly articulate when teaching others and communicating with landowners
- A can-do attitude and flexibility with job duties
- A safe driving record
- The ability to work well with a diverse group of people

Technicians' qualifications:

- BS in Botany, Range Science, Wildlife, Ecology, Resource Management or related field
- Familiarity with moose and mule deer ecology
- Knowledge of ranch communities and operations
- Demonstrated ability to navigate using aerial photos, topo maps, GPS and compass
- Experience working independently and as part of a field crew
- Experience with GIS, Excel and data management
- Ability to hike for several hours in rugged terrain
- Willingness to work long hours in difficult field conditions
- Experience with ATVs and horses (not required by all – please indicate your ability level)
- Excellent communication skills
- Positive attitude
- WFA and CPR certifications required
- Background/ driving check required

Please submit a letter of interest, resume, and contact information for 3 references to Megan Smith, Ecologist, before March 15, 2009. email: Megan.Smith@tetonscience.org ; phone: (307) 734-3786

FIELD TECHNICIAN POSITIONS: COYOTES IN YELLOWSTONE NATIONAL PARK (MONTANA)

Start date: early April

End date: August 1, 2009 (2 positions)

Fieldwork with a long-term, ecological field study of coyotes on the Northern Range of Yellowstone National Park. This will be the final (20th) field season of this long-term research.

Project Description: The long-term ecological study of coyotes focuses on spatial distribution, and ecological relationships with prey and sympatric carnivores, as disclosed by both field observation and radio-telemetry protocols.

Position Description: Successful applicants will have a strong work ethic, with a high degree of initiative and enthusiasm. The protocol includes a broad variety of elements, with 90% of the job requiring capabilities for sustained physical work under demanding field conditions. Working schedule of 5 days on/2 days off, followed by 6 days on/1 off.

Background Required: B.S. or B.A. degree in biology, zoology, wildlife, or similar background is required. Applicants must be experienced and highly competent in back-country settings, demonstrate a history of a high degree of initiative and motivation, and be enthusiastic about executing a rigorous and demanding field protocol. The majority of time will be spent in the field, but duties also include data management. Housing is in a remote setting, with very basic bunkroom accommodations, in a field station setting. Experience with radio-telemetry is required.

Compensation: Stipend of \$800-\$1000/month (depending on experience) with housing provided.

To Apply: Send resume, three reference contacts, and cover letter expressing interest to:

Jennifer Sheldon
Yellowstone Ecological Research Center
2048 Analysis Drive, Suite B
Bozeman, MT 59718
(406) 556-1414
sheldon@yellowstoneresearch.org

See www.yellowstoneresearch.org <<http://www.yellowstoneresearch.org/>>

SUMMER FIELD ASSISTANT: ECOLOGICAL RESEARCH PROJECT (ALASKA)

The Rubenstein School of Environment and Natural Resources is seeking applicants for a summer field assistant position on an ongoing ecological research project located at the Toolik Field Station in northern Alaska. Information about the Arctic Long Term Ecological Research (LTER) project is available at <http://ecosystems.mbl.edu/ARC/> and information about the Toolik Field Station is available at <http://www.uaf.edu/toolik/>. The following position will be filled pending funding.

DUTIES:

Streams Summer Field Assistant: The successful candidate will participate in research on arctic tundra stream ecosystems in the Toolik Field Station research area. Duties include monitoring physical parameters in streams, collection and analysis of water samples, benthic samples, and juvenile and adult fish. Basic laboratory skills, familiarity with spreadsheet software, and some knowledge of stream ecosystems preferred.

SKILLS/EDUCATION/EXPERIENCE REQUIRED: Applicants should be recent college graduates, (BS or MS) with substantial course work and/or field experience in environmental sciences. Some background in aquatic ecology, hydrology, chemistry, fish ecology and/or ecosystems ecology preferred.

PHYSICAL REQUIREMENTS: Applicants should be in good health, capable of rigorous outdoor activity, and prepared to live in a field camp where cooperation with others is essential, personal privacy is limited, and living accommodations are spare and simple.

CONDITIONS OF EMPLOYMENT: Candidates for these jobs should be available to live at Toolik Field Station for 2-3 months during June, July and August. Travel to Toolik Field Station is paid for by the grant as well as the cost of room and board at the station and a salary.

APPLICATION DEADLINE: Until suitable candidates are identified.

To apply: Please send a resume, copy of transcripts, names, addresses, telephone number and email address (if available) of 3 references to: Dr. Breck Bowden, 304 Aiken Center, Rubenstein School of Environment and Natural Resources, University of Vermont, Burlington, VT, 05405.
E-mail: breck.bowden@uvm.edu.

An Equal Opportunity/Affirmative Action Employer/Non-smoking workplace.

RESEARCH ASSISTANT AT THE MARINE BIOLOGICAL LABORATORY (MASSACHUSETTS)

The Ecosystems Center at the Marine Biological Laboratory is seeking applicants for an entry-level Research Assistant I position with the Plum Island Ecosystems Long-Term Ecological Research (PIE-LTER) project. We seek individuals with strong experiences in independent research (e.g., senior thesis or REU project) and coursework with laboratory and field components. The LTER project is directed at understanding how trophic structure and productivity in estuaries is affected by changes in organic matter, nutrient and water fluxes caused by changing land cover, climate and sea level. Research is conducted in the watersheds of the Parker and Ipswich Rivers as well as in the marshes, tidal creeks and bays of Plum Island Sound. The successful applicant will gain broad experiences through strenuous field and laboratory work in all environments.

Funding for this position is available for up to 3 years with a start date as early as May 18, 2009 (actual date negotiable).

Basic Qualifications: This is an entry level position, requiring a B.A. or B.S. in Biology, Chemistry, Physics or Ecology.

Special Instructions to Applicants: Your cover letter should include a description of how this position addresses your long-term goals.

Unofficial transcripts are required documents, but may either be uploaded with your application materials or faxed to the MBL Human Resources Office, 508-289-7931. If faxing, please reference this posting.

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

Week of 03/16/09

Internships (Domestic)

DAUPHIN ISLAND SEA LAB (4)

The Marine Ecology Lab at the Dauphin Island Sea Lab has 4 (2 summer and 2 fall) internship opportunities available to qualified undergraduates looking for experience in marine ecology.

****Position description-** The Marine Ecology Lab is looking for interns to help conduct research on several on-going projects in various nearshore benthic habitats along the Northern Gulf Coast. Research will be based out of the Dauphin Island Sea Lab located on Dauphin Island, Alabama at the mouth of Mobile Bay. Interns will work closely with Professor Ken Heck, Research Associate Dottie Byron, and graduate students.

We are looking for interns for both summer and fall seasons. The duration of the internship is about 3 months. The internship will have a flexible start date with summer interns starting on or about May 18, 2009 continuing through August 14, 2009. Fall interns will start on August 17, 2009 and continue through November 13, 2009. You may apply for both seasons if you wish.

****Duties and responsibilities –** Interns will be required to participate heavily in field-based activities, which are sometimes characterized by long hours and potentially arduous conditions. Field research will include seagrass restoration and monitoring, juvenile snappers and gag grouper habitat assessment, and monthly sampling of restored oyster reefs near Dauphin Island, Alabama (for more information regarding current projects, please check the Marine Ecology Lab website at [_http://marineecologylab.disl.org](http://marineecologylab.disl.org) <<http://marineecologylab.disl.org/>>_). Applicants should have their own snorkel gear (both seasons) and wet suit (fall season only). Interns will be involved in sample collection and processing and will receive training in sampling techniques (benthic flora and fauna sampling, fisheries sampling, water column sampling, and seagrass monitoring techniques), fish and invertebrate identification, and analytical methods (chlorophyll analysis and nutrient analysis). There will also be opportunities to learn other ecological field sampling techniques in a variety of marine environments. In addition, interns are encouraged to attend seminars on current topics in marine science hosted at the Dauphin Island Sea Lab and at the University of South Alabama. We are seeking people who are committed and enthusiastic about marine science and may be considering marine ecology as a career. This job requires long days of physically demanding field work and long hours sorting samples in the lab. Experience (although not necessary), as well as enthusiasm about marine research, are important aspects of a rewarding internship. This is a great opportunity for hands-on training in the field and laboratory.

****Stipend *-*** A monthly stipend of \$1200 is provided, and housing is available at the Sea Lab for a monthly rate of \$325 (including utilities).

****Eligibility –** Undergraduate juniors and seniors enrolled in marine programs (or related fields) or with marine experience are preferred. Graduating seniors are also welcome to apply. This internship is available only to U.S. citizens.

****Application Requirements -**

1. Fill out Internship application accessed at: marineecologylab.disl.org
2. Provide 2 letters of recommendation. These can be emailed directly to dbyron@disl.org or mailed to Dottie Byron, Marine Ecology Lab Intern Program, Dauphin Island Sea Lab, 101 Bienville Blvd., Dauphin Island, AL 36528

****Summer Internship Application Deadline:** March 30, 2009

****Fall Internship Application Deadline:** April 20, 2008

MOTE MARINE LABORATORY SEA TURTLE TAGGING INTERNSHIP

Period: June 1, 2009 (or slightly earlier) to July 31, 2009

Location: Mote Marine Laboratory, Sarasota, FL

Background Information

Mote Marine Laboratory is a private, non-profit marine research laboratory, founded in 1955. The Sea Turtle Conservation and Research Program continues its 28th season of monitoring approximately 35 miles of the central west coast of Florida. The tagging program is conducted on a major loggerhead rookery in the Gulf of Mexico.

Duties

Following intensive training in the first week of June, the intern becomes one of two primary research persons, alternating as necessary with other STCRP staff and volunteers, for an eight-week field period. The study involves monitoring via ATV from approximately 9 pm until 5 am to document and tag sea turtles nesting on the 4.2 mile Casey Key beach. All turtles are flipper and PIT tagged, measured, and data are recorded. The intern is expected to work five to six nights a week for the duration of the field session. All field data are entered weekly to a computer database.

Requirements

Applicant must be a junior or senior majoring in biology or a recent graduate. Previous experience on a sea turtle tagging project is required. Experience with tagging turtles (Inconel and P.I.T.) is necessary, additional experience with genetic samples (i.e. skin biopsy) preferred. Applicant should be physically able to work in a humid, subtropical environment that is often very buggy, as well as, have the mental stamina to work nocturnal shifts (9pm – 5am). Applicant must have the ability to drive and maintain an ATV responsibly. Good interpersonal and communication skills and the ability to work independently are all necessary. Meticulous field data collection and data entry skills are also required. Must be able to follow directions, work without supervision and work flexible hours. Interns must have a valid driver's license and a dependable vehicle to travel to and from beaches in addition to transporting field equipment (reimbursement available for documented and approved mileage).

Benefits/Costs

A small monthly stipend will be paid to partly offset the cost of accommodation and food. Approved mileage to and from the beach is reimbursable.

Additional Contact Information

1) Please complete and submit an application which can be found on the Mote Marine Laboratory College Internship webpage: www.mote.org/interns. A CV or resume is also required for this program. On the application, when asked for your first choice, please choose "Sea Turtle Conservation and Research" underneath the Center for Marine Mammals and Sea Turtles.

2) Read the application over carefully and provide all materials to the Mote intern office including, a statement of interest, current college transcript, letter of recommendation, resume, etc. In your 'Statement of Interest' please make it clear that you would like to apply for the tagging internship and detail your previous turtle tagging experience.

3) Send a brief email to an STCRP Biologist (Kendra Garrett, kendra.garrett@mote.org). Please state your name, contact information, tagging experience, and that you have provided all of your application materials to the Mote intern office, as detailed above.

All applications will be reviewed; those received by March 15th will be given first priority.

Applicants may contact Kendra Garrett (941.388.4441 ext. 308; kendra.garrett@mote.org) in the STCRP with any questions.

Contact: Kendra Garrett, kendra.garrett@mote.org

WWW Link: www.mote.org/seaturtles

<http://www.thesciencejobs.com/jobs/create-job-alerts/email-alerts> SEND me similar posts - MENTION www.thesciencejobs.com while you apply.

HD MARKETING (SUSTAINABILITY)

Job Summary

To gain valuable hands-on experience in the areas of strategic and tactical marketing.

Major Tasks, Responsibilities and Key Accountabilities

- * Assist in the development of a comprehensive business plan for HD Supply's Sustainability program. This includes program execution, branding and positioning, competitive research, and goals and objectives with corresponding plan.
- * Develop an internal communication strategy to ensure the business and all associates are aware of the program's progress and results.
- * Create and manage all schedules and timelines to ensure all critical dates are met for the sustainability tactical plan. Ensure projects stay within specified strategic and budget parameters.
- * Responsible for the management of key vendor relationships to include printers, service bureaus and brokers.
- * Prepare and deliver insights and recommendations based on analysis.
- * Execute tasks directly related to functional projects and/or process improvements.
- * Communicate issues and roadblocks related to areas of responsibility.

Nature and Scope

Refers complex, unusual problems to supervisor.

Under general supervision, exercises some judgment in accordance with well-defined policies, procedures, techniques. Work typically involves regular review of output by a senior co worker or supervisor.

Work Environment

Frequent periods are spent standing or sitting in the same location with some opportunity to move about; occasionally there may be a need to stoop or lift light objects (typically less than 8 pounds).

Located in a comfortable indoor area. Any unpleasant conditions would be infrequent and not objectionable.

Typically requires overnight travel less than 10% of the time.

Minimum Qualifications

Must be eighteen years of age

Must pass the Drug Test

Must pass the Background Check

Must pass pre-employment tests if applicable

Education and Experience

HS Diploma or GED required. Specialized skills training/certification may be required. Must be actively pursuing a Bachelor's degree.

Preferred Qualifications

- * Prefer students majoring in Marketing, Business Administration or related field.
- * Superior academic performance and strong analytical skills.
- * Solid track record of results-oriented leadership.
- * Project and budget management experience.
- * Excellent verbal and written communication skills.
- * Intermediate knowledge of MS Office programs, including Excel, Word and PowerPoint.

<http://www.job.com/my.job/search/page=jobview/pt=2/key=33650521/>

Post-Graduate Part-Time Employment

PLANT ECOLOGIST (UK)

Applications are invited for an Ecologist / Botanist to assist in projects investigating the management and diversity of traditional agricultural landscapes and the biology/ ecology of rare plants in Scotland.

Applicants must demonstrate taxonomic competence for higher plants, with previous experience in the management of ecological experiments preferable. The essential qualification is an Honours degree in an ecological or biological science with an MSc in a related discipline desirable. A current, full driving license is essential, as is a willingness to carry out fieldwork away from the Institute.

This opportunity is a limited term appointment of up to one year duration, commencing May 2009. Starting salary within the range £20,684 – £22,982 per annum with excellent employee benefits.

Further information and application forms can be obtained from:

Human Resources

The Macaulay Institute, Aberdeen, AB15 8QH

T:01224-395000

E:hr@macaulay.ac.uk

www.macaulay.ac.uk/jobs

Completed application forms must be returned by

23 March 2009

<http://www.nature.com/naturejobs/science/jobs/89436-Plant-Ecologist>

RESEARCH TECHNICIAN AT ZOOLOGICAL SOCIETY OF LONDON

Salary £20,525 p.a. pro rata (including London weighting) depending on relevant experience. The Institute of Zoology, based at Regent's Park, London, is the research arm of the Zoological Society of London. The Institute is funded by HEFCE through the University of Cambridge and has excellent research facilities.

We would like to appoint a Research Technician for 15 months, starting 1st May 2009, to assist with research on social behaviour and evolution. The successful candidate will provide laboratory and field support for a NERC funded project on the evolution of social behaviour in primitively eusocial paper wasps. The position will involve use of a range of techniques in molecular biology, including RNA and DNA purification, microsatellite analyses and gene expression analyses (qPCR). The work will also involve 4 months field work at the Smithsonian Tropical Research Institute in Panama, using radio-tagging technology to study wasp behaviour.

Candidates should have a BSc or equivalent in biological sciences and excellent skills in molecular biology. Experience working with DNA, RNA and quantitative PCR is desired. Fieldwork experience involving insects and/or behavioural observations would be an advantage, but is not essential as full training will be provided.

For further information, please see www.zoo.cam.ac.uk/ioz/. Informal enquiries should be directed to Dr Seirian Sumner (Seirian.Sumner@ioz.ac.uk).

Interested candidates should email a cover letter and their CV, together with the names and addresses of two academic referees to Human Resources Department (hr@zsl.org).

Closing date for application: 20th March 2009. Shortlisted applicants will be invited for interview in late March.

RESEARCH TECHNICIAN (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 May. 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 are preferred. Housing and monthly stipend is provided. Please send a letter of interest, CV, and contact information for 2 references (name, phone, and email) to Chris Rota (bbwo2009@picra.net) by 20 March.

Post-Graduate Full-Time Employment

RESEARCH TECHNICIAN AT THE UNIVERSITY OF GRONINGEN

A research technician position is available at the Centre for Ecological and Evolutionary Studies (CEES) at the University of Groningen. The candidate will join a recently started research group that studies parasitoid-host interactions to unravel the evolutionary genomics of adaptations. The overall aim of the research group is to identify what genomic features (e.g., SNPs, transposons, epigenetic regulation) enable a rapid evolutionary response to adverse environmental conditions. The research technician will participate in various projects within the research group.

Requirements and duties

The candidate will have a degree (BSc/HBO or equivalent) in a relevant subject (such as molecular biology or genetics), affinity with evolutionary biology, extended experience with molecular biology techniques and ideally will have worked with *Drosophila* previously. You will have excellent organisational and research skills, and a positive attitude to learn and troubleshoot new methods. The main duties include experimentation in molecular biology, genetics and insect biology, as well as meticulously carrying out routine fly work.

Additional conditions of employment

Applications are invited for an experienced research technician, who will carry out research work and maintain fly and parasitoid stocks for Evolutionary Genomics research.

The University of Groningen can offer you a salary dependent on qualifications and work experience from € 1902,- (scale 7, number 0) up to a maximum of € 2324,- (scale 7, number 4) gross per month for a full-time position. The position will be available for a period of 3 years, starting as soon as possible.

Additional information

For more information you may contact Dr. Bregje Wertheim, e-mail address: b.wertheim@rug.nl. Or additional information can be obtained through one of the following links.

About the organization: www.rug.nl

About the Evolutionary Genetics group:

www.rug.nl/biologie/onderzoek/onderzoekGroepen/evolutionaryGenetics/index

Application

Cover letters in English language, including a personal motivation (important!), a curriculum vitae, and the names and addresses of three referees (including telephone number and E-mail address), to be sent before 23 March 2009 to: vmp@rug.nl. Also send an electronic copy of your application to b.wertheim@rug.nl.

When applying for this job always mentions the vacancy number 209077.

[SEND me similar posts](#) - MENTION www.thesciencejobs.com while you apply.

NATURAL RESOURCES TECHNICIAN III (MARYLAND)

The Natural Heritage Program of the Maryland Department of Natural Resources, Wildlife and Heritage Service, seeks a highly motivated individual to assist in conducting an inventory of plant communities and rare plant species on the Upper Coastal Plain of Southern Maryland (Anne Arundel, Calvert, Charles, Prince George's, St. Mary's.) The project will involve documenting the condition of rare plant populations in order to update the Natural Heritage Program's database regarding the status and protection needs of these populations. The composition of the plant communities that support these populations will be documented. Data collection methods will follow standard Natural Heritage Program protocols. Community composition will be documented following a rapid, plotless assessment method for most sites. Releve sampling will be conducted for a small subset of sites for which additional classification data is needed. Duties will include assisting the southern Maryland biologist in conducting surveys, identifying and preserving specimens, data entry and management, and contacting private landowners to gain access to survey sites. Long field days may be necessary. A strong work ethic, the ability to work well in a small team, and willingness to work in remote areas under difficult weather conditions are essential. A valid driver's license is required.

PREFERENCE:

Preference will be given to applicants with strong plant taxonomic skills, a working knowledge of Maryland's coastal flora, and the ability to work in a small team in both remote and suburban areas. Experience using Microsoft Access and Excel, ArcGIS, and navigating with hand-held GPS units will be helpful.

MINIMUM EDUCATION AND EXPERIENCE REQUIREMENTS:

Education: Completion of sixty credit hours from an accredited college or university, 18 of which are in biology, biochemistry, environmental science, forest technology, arboriculture, aquaculture, natural science, natural resources management, botany, marine biology, marine ecology, physical oceanography, ichthyology, fisheries management, wildlife management, zoology, or a natural resources management related field of study. See note below re: substituting experience for education.

Experience: Two years of experience in technical biological work in the field of natural resources management. See note below re: substituting education for experience.

Note: Additional education beyond sixty credit hours from an accredited college or university in a natural resources related field of study can be substituted for the required experience on a year-for-year basis for up to two years of experience. Additional experience performing technical biological work in the field of forestry, arboriculture, wildlife, aquaculture, natural resources management, or fisheries may be substituted on a year-for-year basis for the required education.

SELECTION PROCESS:

Please make sure that you provide sufficient information on your application to show that you meet the qualifications for this recruitment. Report all experience and education that are related to this position. Relevant college courses should be listed on the application. Applicants who meet the minimum qualifications will proceed to the next phase of evaluation.

TO APPLY:

Submit a Maryland State Employment Application (MS-100) for this position. Also submit names, phone numbers, and e-mail addresses (if possible) for two references and a cover letter explaining why you are the best candidate for this position to:

Katharine McCarthy, Southern Regional Ecologist
Maryland Dept. Natural Resources, Natural Heritage Program
Tawes State Office Bldg. E-1
580 Taylor Ave.

Annapolis, MD 21401

PH: (410) 260-8569

EM: kmccarthy@dnr.state.md.us

Applications are available online atwww.dbm.maryland.gov or www.dnr.state.md.us.

The State of Maryland is an Equal Opportunity Employer

RESOURCE COORDINATOR

General Description:

The Sustainability Coordinator will work to integrate sustainability values and practices into the everyday life of the University and to maintain PLU as a leader in sustainability in higher education. The sustainability coordinator will develop and implement energy conservation actions to meet the President's Climate Commitment. Reports to the Director of Facilities Management.

Essential Functions And Responsibilities:

- Coordinate the development and implementation of programs to promote campus sustainability initiatives, including development of an Energy and Sustainability plan.
- Complete energy audits, making recommendations on campus energy reduction.
- Monitor and track campus energy and resource use and savings resulting from program initiative and activities. Complete reports for STARS, ACUPCC and utility data.
- Generate awareness and appreciation for campus sustainability progress.
- Educate and influence behavior change in terms of energy and resource conservation practices. Encourage participation in sustainability programs.
- Prepare and present materials related to PLU initiatives in classrooms, at conferences and committee meetings, both on and off-campus.
- Organize and coordinate outreach activities and special events including local workshops and conferences as well as PLU's participation in national sustainability events.
- Coordinate with faculty, staff and students to identify and develop educational opportunities to incorporate sustainability projects into academic research programs and curriculum.
- Work with governmental offices and outside agencies when necessary for project coordination.
- Perform other duties as assigned.

Knowledge, Skills, and Abilities:

- Proficient in Microsoft Office (Word, Excel, etc) and ability to learn specialized software programs such as Utility Manager.
- Must be organized, detail oriented and very systematic in coordinating work.
- Knowledge of building systems (electrical, building envelopes, mechanical (HVAC)).
- Familiar with Campus Greening Initiatives.
- Excellent verbal and written communication skills.

Physical Requirements:

- Ability to lift up to 25 pounds.
- Must be able to climb, stoop and crawl when necessary.
- Must have good vision and hearing.

Required Qualifications:

- High School Diploma or GED.
- Three years job-related work experience. Education may substitute for some experience.
- Valid Driver's License (Must have had a valid driver's license for at least 2yrs).
- Finalist candidates must satisfactorily complete pre-employment background check, physical exam, pass PLU's Driver's Certification Training; and provide an original copy of their Driving Record (5yr Employment Abstract).

Preferred Qualifications:

- Bachelor's Degree.
- Familiar with Leadership in Energy and Environmental Design (LEED) Rating System.

Application Procedure:

Submit university application, cover letter, and resume to:

Human Resource Services
 Pacific Lutheran University
 Tacoma, WA 98447
 PH: (253) 535-7185
 Fax: (253) 535-8431
 humr@plu.edu
 www.plu.edu/employment

Pacific Lutheran University (PLU) is a comprehensive institution with an enrollment of approximately 3600, including international students from two dozen countries. Located on the Pacific Rim in a uniquely scenic region, the university's campus is 40 miles south of Seattle in suburban Tacoma, Washington. As a "New American College," PLU accents integration between its liberal arts program and professional degrees in the arts, business, education, nursing, and physical education, and embraces its primary mission of educating students for lives of thoughtful inquiry, service, leadership, and care. PLU enjoys a healthy and progressive relationship with the Evangelical Lutheran Church in America (ELCA). The University is committed to diversity, endorses the goals of equal opportunity and affirmative action, and actively seeks applications from women and persons of color.

Application Information

[Apply for this Position through My HigherEdJobs](#)

Contact: Human Resource Services
 Pacific Lutheran University
 Phone: 253 535-7185
 Fax: 253 535-8431
 Online App. Form: <http://www.plu.edu/employment>
 Email Address: humr@plu.edu

PROJECT MANAGER, SUSTAINABILITY

- Complex and Diverse Projects
- Full Lifecycle Project Management
- Dynamic Team Environment

Western Water is committed to the sustainable management of our precious water resources, as highlighted by its industry reputation for leadership and innovation in water recycling and customer service initiatives. Western Water is acknowledged as an Australian leader in water recycling, with one of the highest rates of recycled water of any major urban utility.

Working within a high performing team of Project Managers, Engineers and Consultants, you will manage projects from planning through to construction and commissioning across capital works, land development and other diverse areas, as required.

Responsibilities will include project investigation and development, managing engineering consultants and contractors, contract and tender administration, budget management and other regular reporting. Additionally, you will manage the expectations of diverse internal and external stakeholders groups including Local and State Government and the community.

To be successful, you will demonstrate strong project management skills, including the capacity to manage multiple, ongoing and complex projects. With engineering qualifications, you will ideally have experience in the project management of water and sewage services. Additionally, you will possess strong stakeholder consultation, negotiation skills and customer focus and have a proactive approach to delivering results.

To submit your application, please apply online using the appropriate link below quoting Ref No 2677. For further details please contact Hannah Smith from Boston Kennedy on (03) 9648 5788.

<http://www.engineeringjobs.net.au/engineering-jobs-australia/06D60340749275F548257575000BE92B>

LOWER SAN PEDRO RIVER PROGRAM MANAGER

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. **ESSENTIAL FUNCTIONS** The Lower San Pedro River Program Manager position offers an exciting and engaging opportunity to work in a rural environment in cooperation with a variety of federal and state agencies to implement a comprehensive program to protect the ecosystem function of the lower San Pedro River. Position is directly responsible for management of the 6,800-acre San Pedro River Preserve and other smaller nearby holdings of The Nature Conservancy between the towns of Dudleyville and Mammoth. In addition, position will supervise two full-time program assistants and other occasional short-term employees. The San Pedro River Preserve is a cooperative project of the Conservancy and the Bureau of Reclamation to provide habitat for the endangered southwestern willow flycatcher and to act as a refuge for endangered native fish. Job duties will include working with state and federal agencies in the coordination of mutual conservation interests on the river, developing community partnerships, raising funds, and various types of conservation planning. The Program Manager will work collaboratively with other conservation staff, chapter leadership, landowners, corporations, donors and government agencies and coordinate implementation of a variety of conservation practices. Residence in TNC-provided housing on the preserve is a requirement of the position.

The Conservation Practitioner V develops, manages and advances conservation programs, plans and methods for larger-scale ecoregions. The Conservation Practitioner V provides technical leadership and support to the region or division. Requires sufficient knowledge and work experience of a CPIV in addition to one or more of the following functions:

- Plans and directs preserve management programs and stewardship
- Addresses critical threats to natural systems and individual species
- Fosters cross-site learning among an international conservation community
- Supplies ecoregional planning teams with information for site portfolios
- Develops and implements conservation strategies
- Knowledge of politics and society with respect to environmental affairs
- Employs a full range of protection tools to acquire varying degrees of legal interest in land and

implements a variety of strategies to secure public and private support for TNC conservation priorities.

- Coordinates community support
 - Implements preserve management plans
 - Maintains preserve areas frequented by the visiting public
- BASIC QUALIFICATIONS** • BA/BS degree in biology, natural resources management or a related field and 5 years experience in natural resource management or equivalent combination of education and experience.
- Experience negotiating complex agreements.
 - Experience communicating with the public and/or media both in writing and verbally.
 - Experience using common software applications such as Word, Excel, Web browsers, etc.
- ADDITIONAL JOB INFORMATION** This position requires a valid driver's license and compliance with the Conservancy's Auto Safety Program. Employees may not drive Conservancy-owned/leased vehicles, rental cars, or personal vehicles on behalf of the Conservancy if considered "high risk drivers." Please see further details in the Auto Safety Program document available at www.nature.org/careers.

Employment in this position will be contingent upon completion of a Vehicle Use Agreement, which may include a review of the prospective employee's motor vehicle record. **ADDITIONAL JOB INFORMATION REQUIRED KNOWLEDGE AND SKILLS:**

- BA/BS degree in biology, ecology, natural resources management or a related field and at least 5 years experience in natural resource management or equivalent combination of education and experience.
- Ability to make sound decisions on legal, financial, conservation and reporting issues
- Knowledge of land management conservation practice and conservation science
- Explaining conservation practices to technical and non-technical audiences
- Ability and willingness to apply science to decision-making and guide activities
- Ability to communicate and work closely with scientists
- Working with media and influential officials, especially governmental, to improve Conservancy programs' outcomes
- Familiarity with principles of land acquisition
- Knowledge of ecological land management principles
- Knowledge of current trends and practices in conservation, land management, and natural resource preservation
- Demonstrated experience communicating effectively with the public and/or media
- Completing tasks independently with respect to timeline(s)
- Managing time and diverse activities under deadlines while delivering quality results
- 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

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
- Ensures program accountability and legal compliance

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:

- Manage multi-disciplinary administrative and professional staff, with responsibility for performance management, training and career development. Establish clear directions and set stretch objectives.
- 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, and assisting with budget development.
- Ensures program compliance with internal policies and external requirements
- Establish and maintain optimal standards of performance for the department or program while controlling costs and administering budgets.
- Grant writing and related reporting to granting agencies required.

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, government agency personnel, preserve 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 V may work in variable weather conditions, at remote locations, on difficult and hazardous terrain and under physically demanding circumstances. These conditions:

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

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.

Deadline to apply is March 20, 2009.

For more information contact Ken Wiley at kwiley@tnc.org. EOE STATEMENT The Nature

HYDROLOGIC OR ENVIRONMENTAL SCIENCE TECHNICIAN

JOB DESCRIPTION

The USGS Reston seeks a hydrologic or environmental science technician to advance their project goals. The ideal candidate will be a recent student with an interest in furthering their knowledge of hydrology and environmental science with practical work experience on problems that influence restoration of the streams, wetlands and floodplains. The technician will gain experience and extend their knowledge by working on environmental problems of local, national, and international importance. The work is primarily with and for the mentor and other USGS associates.

Primary duties involve a spectrum of tasks encompassing field data collection, laboratory analysis of chemical composition of natural waters and sediments, database tasks, analyzing and interpreting data using a variety of statistical and mathematical models, preparing publication-quality graphics and tables, preparing presentation materials for international scientific meetings, and drafting text for reports and publications in scientific journals. Candidate will have the opportunity to grow professionally by representing the USGS at meetings with professionals at universities and other federal and state agencies.

Specific tasks include:

1. Acquire measurements of chemical, biological, and hydrological parameters from levees, airboats and wetland/stream/floodplain research sites in the Florida everglades, Lake Pontchartrain basin, LA, Sugar Cr., IN, the Chesapeake Bay watershed, and elsewhere, while maintaining a field notebook with accurate and comprehensive entries.
2. Supervise chemical analyses of water, plant, and sediment samples in the lab. Prepare samples for analysis. Create solutions of calibrants and reagents.
3. Summarize, transform and analyze data to develop scientific interpretations.
4. Maintain laboratory, field and other project and USGS equipment to keep equipment safe and in good working order.

Weeklong trips may be required 2-5 times/year. Overtime occasionally required.

Requirements

- Candidate must possess a bachelors' or graduate level degree in hydrology, engineering, geology, chemistry, ecology or a related discipline.
- Excellent verbal and written communication skills
- Ability to work in a research team, experience in fieldwork and proficiency in data manipulation and graphing in Excel are required.

The successful candidate will either have: 1) demonstrated experience and ability to independently perform laboratory chemical analyses on environmental samples; or, 2) demonstrated proficiency in higher level computer applications and analysis in the hydrologic sciences, such as ARC-GIS, SAS, MATLAB, C++, and USGS numerical models such as MODFLOW, OTIS, etc.

http://www.careerbuilder.com/JobSeeker/Jobs/JobDetails.aspx?ipath=EXSH&siteid=cbsimplyhire&Job_DID=J3F5P86MBLG2FDVXNMF&cbRecursionCnt=1&cbsid=aab9193e672a4360a7c1ec718ff86d14-290190718-JE-5

ECOLOGICAL RESTORATION ASSISTANT

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.

POSITION SUMMARY

This position will work closely with Nature Conservancy staff on natural areas restoration and management projects throughout Southeastern Michigan and will be funded by a combination of private and grant dollars. Duties will include: invasive species removal (60%), native seed collection (20%), prescribed burning activities (15%), and miscellaneous other duties (5%). In addition to working with stewardship staff, the restoration assistant may work with and supervise volunteers. There are several Conservancy preserves in Southeast Michigan as well as privately owned properties on which the restoration assistant will work. There may also be opportunities for paid travel to work on restoration activities around the state. Travel around SE Michigan will be required on a daily basis. The position may also require some travel throughout the state necessitating nights away from home. Training on equipment safety, hand tools, and herbicide application will be provided. On site housing may be provided as part of compensation package.

ESSENTIAL FUNCTIONS

- Removal of invasive plant species
- Participation in prescribed fire operations
- Native seed collection, propagation and planting
- Repair and maintenance of Conservancy property including equipment, vehicles and preserves
- Assisting with biological inventory and monitoring
- Work in close cooperation with Land Steward and other project staff during this project
- Must be able to pass physical fitness test (test will be either "run" 1.5 miles under 11.5 5 minutes, or "pack" (walk) 3 miles under 45 minutes carrying a 45-lbs pack)

BASIC QUALIFICATIONS

- High school diploma and 6 months of related experience
- Experience operating various types of equipment.
- Experience performing physical work.

KNOWLEDGE/SKILLS:

- Demonstrated experience in related fieldwork.
- NWCG Red-card certification preferred but not required.
- Commercial pesticide certification preferred but not required.
- Willingness to work long and sometimes irregular hours.
- Willingness to travel, sometimes for periods of up to 4 days preferred.
- Ability to provide own transportation to and from the home base (Tecumseh, MI).
- Ability to manage multiple priorities and independently complete tasks within assigned time frames.
- Ability and willingness to do vigorous work under sometimes difficult weather conditions.
- Desire to continue learning about biological diversity and ecological restoration.
- Willingness to participate in special training as needed (provided on site by The Nature Conservancy).
- Knowledge of conservation biology, ecology, fisheries and wildlife or natural resource related field.

COMPLEXITY/PROBLEM SOLVING:

- Prioritize tasks in the absence of specific instructions.
- Resolve day-to-day challenges within specific guidelines and parameters of position.
- Complete multiple and varied assignments in a timely manner or under deadlines.
- Track progress on tasks and perform follow-up as needed.
- Identify routine problems and utilize existing resources for resolution.
- Resolve routine problems independently.
- Consult with supervisor to develop plans for resolution of unusual or complex problems.

DISCRETION/LATITUDE/DECISION-MAKING:

- Perform duties under general supervision and established guidelines.
- Prioritize work independently, working with supervisor as needed.
- Make day-to-day decisions within scope of work assignments.
- Consult with supervisor in event of any unusual circumstance, problem or question that affects the work of others or may have impact on the program as a whole.

RESPONSIBILITY/OVERSIGHT –FINANCIAL & SUPERVISORY:

- Supervises no staff but may help plan and direct the work of volunteers.
- Limited financial responsibilities.

COMMUNICATIONS/INTERPERSONAL CONTACTS:

- Work with and communicate effectively with a wide range of people, including other Conservancy staff, private landowners, and some partners, in order to complete project work and goals in a timely manner.
- Communicate with internal and external contacts to seek or convey information and coordinate arrangements.
- Formulate and clearly communicate ideas to others. Applicant may be asked to make presentations in a small group setting.

WORKING CONDITIONS/PHYSICAL EFFORT:

- Work performed in a field setting sometimes in inclement (winter/summer) weather and harsh conditions.
- Ability to work effectively under pressure and meet deadlines.
- Work requires physical exertion and/or muscular strain.

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.

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.

Please apply at: nature.org/careers

BIOLOGIST / BOTANIST / FORESTER (WEST POINT, NY)

The candidate will administer the responsibilities of the Range and Training Land Assessment (RTLA) program at USMA, West Point, NY.

The overall mission of the RTLA program is to collect and analysis natural resource information and to provide that information to those in command of the Army community, in support of preserving the military's testing and training missions now and in the future.

The RTLA program focus' on developing and implementing effective monitoring strategies for assessing the success of land management decisions.

The RTLA Coordinator will be responsible for monitoring natural resource condition through data collection and analysis.

The RTLA Coordinator will be responsible for the administration, supervision, coordination and development of staff, fieldwork and logistical efforts.

The RTLA Coordinator will be a member of a professional team within the Integrated Training Area Management (ITAM) Program and will report to the ITAM Coordinator.

Responsibilities of Biologist / Botanist / Forester Include:

- Monitor impacts of land use and military training activities on soils, vegetation, and/or wildlife.
- Plan and conduct data collection, analyze data, prepare and review reports.
- Prepare protocols, report, budgets and workplans.
- Provide data analysis and recommendations to support rehabilitation efforts and sustainable military training.

Specific Qualifications:

- Demonstrated knowledge of ecology and plant taxonomy. Knowledge of the dendrology of the Northeastern region and proficiency using dichotomous keys to identify plant species
- Demonstrated knowledge of vegetation sampling protocols and familiarity with wildlife sampling protocols.
- Knowledge of the dendrology and taxonomy of Northeastern flora and proficiency using dichotomous keys to identify plant species.
- Experience with database management, Global Positioning Systems (GPS), and statistical analysis.
- Ability to analyze and interpret data.
- Experience with Word processors and MS Access.
- Excellent oral and written communication skills.
- Ease with working under adverse field conditions (temperature, humidity, insects, etc.)
- Capable of working as part of a two or three-person team with limited supervision.
- Ability to work and learn on the job.
- Drivers License and clean driving record.
- Ability to traverse rough terrain carrying loads of up to 50 lbs.

Desirables:

- Experience in Northeastern environments and/or on military installations.
- Experience with the Army training doctrine.
- Supervisory experience.
- Experience in conducting forest inventory and/or vegetation sampling.
- Experience using Geographic Information Systems (GIS) and use of software (ArcGIS, etc.)
- Experience applying GIS and database technology to develop and manage spatially-explicit research.
- Experience with ecological modeling and remote sensing.
- Military experience a plus.

Minimum Level of Education:

(Other education, commensurate experience and demonstrated ability of individual may be substituted.)

- BA/BS from an accredited college or university.
- Ecology, natural resource management or related science field Bachelor's degree in biology, ecology, natural resource management or related science field AND 1-year experience related to natural resource measures and monitoring, OR, Master's degree in biology, ecology, natural resource management or related science field.

http://www.careerbuilder.com/JobSeeker/Jobs/JobDetails.aspx?ipath=EXSH&siteid=cbsimplyhire&Job_DID=J8A0ZK61F76BNHWX4S1

