Archive of Advertised Internships and Job Opportunities for WOU Earth Science Students

2002-2006

Focus Areas: Water Resources, Environmental Geology, and Geomorphology
Energy firms mine U.S. campuses

Recruitment push boosts market for geoscience majors

By Albert P. Huet, Jr.

The oil business is an industry that produces an appetite for scientists. The demand for geoscientists is particularly strong now, driven by a growing need for more accurate predictions of where the next oil will be found. This has translated into a significant increase in the number of students pursuing degrees in geoscience and related fields.

The most recent survey by the American Geological Institute shows that the number of undergraduate and graduate students in geology and related fields has increased by 10,000 annually in the early 1980s, then doubled to about one-third of that by 1997. Last year, about 2,400 undergraduate and 1,500 graduate degree courses were granted.

Big Oil isn't the only place to go with a geoscience degree. Kim Nguyen, a senior hydrology major at Texas, said she didn't pursue oil company jobs for ethical reasons, and found work at an environmental consulting firm instead.

Geoscience

Continued from 1B

student got a signing bonus — for a summer intern — the following year. "My guess is the demand for geoscientists is roughly twice the supply," Fisher said.

Maria Zobec, a department chair of earth, atmospheric and planetary sciences at MIT, said: "I now have high-level people from oil companies who are in my office frequently saying, 'Send me more students.' We can't keep up with the demand for what the oil companies need." Three major factors are at work:

Prices. Oil around $70 per barrel provides incentive and funding to look for more of it. But most of the easy-to-reach oil has already been tapped, and finding what's left requires advanced technology and expertise.

"You go back to the old 'Beverly Hillsbillies' show you dig a hole in the ground and oil pops up. Those days are gone," said Paul Foley, vice president of human resources at Oklahoma City-based Devon Energy. If Devon is going to spend $60 million for a rig to drill through the floor of the Gulf of Mexico, it wants to hear from smart people that an oil strike is likely. Devon hires mostly from its stern class, which will be about 175 this summer, 17 times larger than three years ago.

"You can't pay as much as we can possibly handle," Foley said.

Demographics. During the oil glut of the 1980s, the industry slowed hiring. Now, workers' average age is 65. Big companies such as Exxon Mobil and Royal Dutch Shell predict that half of their work force in 10 years from now has yet to be recruited, said Christopher Reame, director of communication and technology at the American Geophysical Union.

Too few students. Interest in the geosciences varies with the market but takes time to adjust. Total U.S. geoscience degrees reached 10,000 annually in the early 1980s, then doubled to about one-third of that by 1997. Last year, about 2,400 undergraduate and 1,500 graduate degrees were granted.
Company: Aerotek E & E
Location: Clatskanie, Oregon
Category: Environmental Jobs
Rate: $17-$20/hr per Hour
Job Type: Contract-to-Hire
Posting ID: 986140
Posting Date: 9/15/2006

Geologist Job Description:
Geologist:

Large national geotechnical consulting firm headquartered in Portland, Or is looking for a Geologist to work at a project site located in Clatskanie, Or. This position is a night shift and entails overseeing that the proper depth is reached when drilling and that the appropriate amount of rock is filled in it's stead. There are approximately 4000, 50 foot holes to Vibrose out and fill with an average of 325 cubic feet of crushed rock/ hole - this is located onsite at an ethanol plant. A bachelor's degree in Geology or related field is required along with 0-5 years experience. This assignment is projected to last at least until the end of January with the possibility of going permanent (depending on work performance). This is an excellent opportunity for an entry level geologist to gain valuable experiences in the field. Pay is dependant on experience level and ranges from $17-20/hr. **Position starts on Monday, Oct. 2**

Required Skills for Geologist Job:

ENVIRONMENTAL GEOLOGY
About Aerotek E & E:
Join Aerotek E & ESM. We specialize in the Environmental, Civil, Geotechnical and Construction Management industries. We are one of the nation's largest and fastest growing providers to these industries. We offer nationwide opportunities and comprehensive benefits to include medical, dental, optical, and optional 401k. Don't put your career in the hands of just anyone, put it in the hands of a specialist. Join the Aerotek E & E team! Allegis Group and its subsidiaries is an equal opportunity employer.
Company: Aerotek E & E
Location: Concord, California
Category: Environmental Jobs
Rate: Negotiable per Hour
Job Type: Contract-to-Hire
Posting ID: 980969
Posting Date: 9/10/2006

Staff Geologist Job Description:

Job Description:
Our client is a full service environmental consulting and engineering firm who is seeking a Staff Level Geologist who is highly motivated and works well with others. This is a long-term career opportunity and the ideal candidate should have 1 to 2 years of experience within the environmental industry. The Staff Geologist will be responsible for overseeing drillers, conducting surveys, obtaining samples of soil and groundwater, as well as preparing technical reports.

Job Skills Requirements:
- BS or BA in Geological Sciences
- Candidates in pursuit of professional license is desired
- Occasional travel is required

Job Duties:
This highly motivated Staff Geologist will be responsible for providing geological/hydrogeological support specific to performing Phase I/II assessments, environmental investigations, Q&M projects, and construction management projects. Responsibilities will also include assisting in preparing reports and other associated technical documents.

Qualified candidates may apply by sending resume and references to jmcaffie@aerotek.com or by contacting Jessica McGaffie at 510-864-3849 for more information. All calls confidential.

Required Skills for Staff Geologist Job:
BS OR BA IN GEOLOGICAL SCIENCES
OCCASIONAL TRAVEL IS REQUIRED
CANDIDATES IN PURSUIT OF PROFESSIONAL LICENSE IS DESIRED

About Aerotek E & E:
Join Aerotek E & ESM. We specialize in the Environmental, Civil, Geotechnical and Construction Management industries. We are one of the nation’s largest and fastest growing providers to these industries. We offer nationwide opportunities and comprehensive benefits to include medical, dental, optical, and optional 401k. Don't put your career in the hands of just anyone, put it in the hands of a specialist. Join the Aerotek E & E team! Allegis Group and its subsidiaries are an equal opportunity employer.
Field Geologist Job Description:
International Engineering & Environmental consulting firm has fantastic career opportunities available for a Field Geologists. Our nation wide client is seeking Geologist ranging from 3-5 years. The Geologist will join a team of environmental specialists performing Phase II environmental site assessments on petroleum, commercial, and industrial project sites. Duties will primarily include drilling oversight, well installations, and field sampling (soil, groundwater, and air).

Qualified candidates will possess a Bachelors Degree in Geology and experience performing environmental site assessments and/or express interest in the remediation field is required, as well as a current OSHA 40Hr Hazwoper certificate. Salary will be $40,000 to $75,000 (DOE) and is negotiable based upon experience. We are seeking professionals desiring long term career opportunities.

For immediate consideration contact Christopher Zapata at (714)347-1218 or czapata@aerotek.com.

Required Skills for Field Geologist Job:
GEOLOGIST PHASE I
About Aerotek E & E:
Join Aerotek E & E S.M. We specialize in the Environmental, Civil, Geotechnical and Construction Management Industries. We are one of the nation's largest and fastest growing providers to these industries. We offer nationwide opportunities and comprehensive benefits to include medical, dental, optical, and optional 401k. Don't put your career in the hands of just anyone, put it in the hands of a specialist. Join the Aerotek E & E team! Allegis Group and its subsidiaries is an equal opportunity employer.
Company: Aerotek E & E
Location: Sacramento, California
Category: Environmental Jobs
Rate: $36,000 to $43,000 per Year
Job Type: Full-Time
Posting ID: 974655
Posting Date: 9/1/2006

Geologist – Entry Level Job Description:
This is a great opportunity for an entry level Geologist who has little or no field experience. If you are looking to get a start in the environmental field as a geologist, or if you are already working as a geologist and looking for a change, this may be the job for you.

A qualified candidate will have a B.S. degree in Geology. Top candidates will have some field experience, or have worked as an intern.

Required Skills for Geologist – Entry Level Job:
EXEMPLARY COMMUNICATION ABILITY
SOIL & GROUNDWATER SAMPLING
DATA COLLECTION

About Aerotek E & E:
Join Aerotek E & ESM. We specialize in the Environmental, Civil, Geotechnical and Construction Management industries. We are one of the nation’s largest and fastest growing providers to these industries. We offer nationwide opportunities and comprehensive benefits to include medical, dental, optical, and optional 401k. Don’t put your career in the hands of just anyone, put it in the hands of a specialist. Join the Aerotek E & E team! Allegis Group and its subsidiaries is an equal opportunity employer.
Entry to Mid Level Geologist - Geotech Job Description:

Entry Level Geologist Position - Geotechnical

Location: Fairfield

Compensation: $38,000-$46,000 Annually

Benefits: Medical, Dental, Vision, 401 (K), Tuition Reimbursement

Position: Field Geologist

Local Geotechnical Engineering Firm that is currently working on large residential and commercial projects is looking for an entry to mid level geologist who with Geotechnical ties. We are looking for someone who would like to gain great experience working with other geologists and engineers that will lead to obtaining their professional registration.

The duties of this position include but are not limited to:

- Soil sampling
- Sampling and monitoring of retaining walls
- Collecting soil samples
- Supervising drilling crews on various projects.

The ideal candidate will have a degree in geology, environmental engineering or a related degree and will be 40 hour hazwoper certified. This individual must have excellent written and verbal communication skills as well.

For immediate consideration please contact Hiring Manager Kenneth Ramey of Aerotek Engineering and Environmental at 916-286-2186 or send resume by email to kramey@aerotek.com

Resumes can be faxed to 916-286-2193 attn: Kenneth Ramey
Field Geologist - 0 - 4 Years Job Description:
Environmental Geologist - 0 to 4 years Job Description:

Location: East side Michigan
Compensation: $28,000-$35,000 Annually
Benefits: Medical, Dental, Vision, 401(K)
Position: Field Level Geologist

We are an Nationwide Environmental Consulting Firm that has a heavy emphasis on Environmental Remediation. We are currently looking to add an entry level Geologist to a current project in Indianapolis.

This individuals will be joining a team of Environmental Professionals (Professional Geologists and Professional Engineers) that will allow them to grow into the roles that they fill. We strongly believe in grooming our employees for promotions to Project Management.

The duties of this position include but are not limited to:
- Soil and groundwater investigations and sampling
- Sampling and monitoring of groundwater wells
- Collecting soil samples
- Classifying of environmental drilling and geotechnical drilling
- Working with a team of individuals to design remediation systems

The ideal candidate will have a degree in geology or environmental engineering and will be 40 hour hazwoper certified. This individual must have excellent written and verbal communication skills as well.

For immediate consideration, please contact Adam Richardson of Aerotek Engineering and Environmental at (248) 603-3974 or send resume by email to adrichar@aerotek.com.

Required Skills for Field Geologist - 0 - 4 Years Job:
SOIL SAMPLING
GROUNDWATER SAMPLING
DRAINAGE REMEDIATION

Company: Aerotek E & E
Location: Indianapolis, Indiana
Category: Environmental Jobs
Rate: 28,000 - 35,000 per Year
Job Type: Contract-to-Hire
Posting ID: 977049
Posting Date: 9/6/2006
Job Opportunities in Washington State

I am currently working for the Dept. of Ecology in Washington as a site manager overseeing soil and groundwater cleanup of hazardous waste sites for the Voluntary Cleanup Program. We currently have some vacancies here at Ecology that your students or recent graduates might be interested in. If you know of dynamic people who are team players with hydrogeology/hazardous waste experience and interested in learning about our Voluntary Cleanup Program, please tell them to apply for the registers for Hydrogeologist 3 or Environmental Engineer 3. There is also a position being created for an Entry Level Hydrogeologist 2 position, but the recruitment is not online as of yet. For further inquiries and to get specifics on the vacancies, please contact Bob Warren at (360) 407-6361 or email at rwar461@ecy.wa.gov.

Ecology jobs web site
http://www.ecy.wa.gov/jobs/jobs.html

Information on job classes and specifications
http://www.dop.wa.gov/Resources/JobClasses/

For further information about our program
http://www.ecy.wa.gov/programs/tcp/cleanup.html
Date: 4/25/2006
Position: GEOLOGIST III (PROJECT GEOLOGIST)
Location: Geochemistry-Geophysics and Terrain Sciences Section, Geological Survey, Mines Branch, Department of Natural Resources, 50 Elizabeth Avenue, St. John's, NL
Job Type: Permanent
Duties: This is a professional scientific position, responsible for systematic study, mapping and interpretation of the surficial and environmental geochemistry of the province for application in mineral exploration, land use planning, and other uses. This will be done through a combination of field sampling, analysis and interpretation of laboratory results, and development of new approaches and methods. Field work involves supervision of a field party of 2 to 5, often in remote locations. Analysis of geochemistry of surficial sediments (tils, stream and lake sediments) is used in assisting mineral exploration by producing maps of surface geochemistry. Office work includes design and maintenance of databases of geochemical and field data, statistical analysis of data, manipulation of digital data and maps, and preparation of maps and scientific reports.
Qualifications: This position requires a broad and thorough understanding of the field of applied geochemistry in the surficial environment. A minimum of 5 years experience in applied geochemistry is essential. Knowledge of geochemistry, surficial and bedrock geology, analytical methods, and geostatistics is required. The candidate must demonstrate the ability to work independently at a high scientific standard, and possess good oral, written and organizational skills. Experience with geographical information systems would be an asset. The above qualifications would normally have been acquired through graduation from an accredited university with a M.Sc. or a Ph.D. in Earth Sciences combined with practical experience; or an equivalent combination of training and experience.
Salary: $51,578.80 - $60,799.30 (GS-42)
Competition No: NR.GIII(PG).060028
Closing Date: MAY 19, 2006
Information for Applicants:
INFORMATION FOR APPLICANTS:
Applications should be forwarded to:
Ms. Mary Margaret Short
Manager of Human Resources
Department of Natural Resources
Natural Resources Building
50 Elizabeth Avenue
P. O. Box 8700
St. John’s, NF
A1B 4J6

GEOSCIENCE & PUBLIC POLICY INTERNSHIPS

ARE YOU INTERESTED IN:
- What role science plays in public policy?
- How Congress affects the sciences?
- How to become an active citizen-scientist?

WOULD YOU LIKE TO:
- Apply your science knowledge to public policy?
- Meet with key federal science policymakers?
- Attend House and Senate hearings?
- Conduct research on current policy issues?

YES! Then come be an intern with the American Geological Institute's (AGI) Government Affairs Program. Representing the geoscience community in Washington DC, the program actively works with Congress and federal agencies to foster sound public policy in areas that affect geoscientists, including water energy, and mineral resources; geologic hazards, environmental protection, and federal funding for geoscience research and education.

AGI seeks outstanding geoscience students with a strong interest in federal science policy for a semester or summer internship. Interns will gain a first-hand understanding of the legislative process and the operation of executive branch agencies. They will also hone their writing and publishing skills.

S P R I N G — Application Deadline: October 4
AGI and the American Association of Petroleum Geologists plan to sponsor an intern during the spring semester. The internship lasts 14 weeks and carries a $4,500 stipend. Interns are strongly encouraged to obtain course credit for their work.

S U M M E R — Application Deadline: Extended to April 1
AGI and the American Institute of Professional Geologists will sponsor three interns during the summer. The internship lasts 12 weeks and carries a $4,000 stipend. Starting date is negotiable based on the schedule of the successful candidate.

F A L L — Application Deadline: April 15
AGI and the American Association of Petroleum Geologists plan to sponsor an intern during the fall semester. The internship lasts 14 weeks and carries a $4,500 stipend. Interns are strongly encouraged to obtain course credit for their work.

Applications for the internship should include official copies of college transcripts, a resume with the name and contact information for two references, and a cover letter stating your science and policy interests and what you feel you can contribute to the program. Inquiries only to gaph@agieweb.org.

For further information about AGI and the Government Affairs Program, visit www.agiweb.org/gap/. AGI is an equal-opportunity employer. All application materials must be postmarked by the above deadlines and sent to this address:

Dr. Linda Rowan, Director
Government Affairs Program
4220 King Street
Alexandria, VA 22314-5501

www.agiweb.org/gap
CALAPOOIA WATERSHED COUNCIL

Job Announcement – Watershed Council Coordinator

"Working Together for Watershed Health"

Opening Date: March 10, 2006
Closing Date: April 13, 2006
Starting Date: May 1, 2006 (negotiable to May 15th at the latest)
Ending Date: June 30, 2007 (continuation of position depends on OWEB Council Support funds)
Location: Contractor expected to provide own office space. Council supplies computer, software, printer, office supplies, etc.to Council support activities. The Council has donated meeting room space and storage space located at Brownsville City Hall. Most Council meetings are held in Brownsville.

Position Duration: 14 months (approximate)
Contract Amount: $40,000

Background

The Calapoia Watershed Council (CWC) is hiring a Coordinator to accomplish the duties outlined below. The CWC has an 11-member volunteer Steering Committee that meets monthly. The CWC will provide support and oversight to the Coordinator and approve the Coordinator’s work. The duties are expected to add up to roughly a three-quarter time position. The Coordinator will work as an independent contractor, funded by a grant from the Oregon Watershed Enhancement Board (OWEB). The funds are administered by the non-profit organization Cascade Pacific RC&D, Inc.

The CWC formed to carry out the mission “Provide opportunities for membership to cooperate in promoting and sustaining the health of the watershed and its communities.” The CWC received official recognition from the Lane County Board of Commissioners in November 1999. Since that time, the CWC has completed watershed assessment, identified key restoration priorities and opportunities for the watershed, collaborated with a working group to secure a permanent 12 cfs instream water right with an 1858 priority date for the Calapoia River, and gained community support for removal of Brownsville Dam. The Council Steering Committee is an active and engaged group of watershed landowners and residents with outstanding leadership that provides a high level of support for the Coordinator.

Watershed Council Coordinator Duties**

1. Ongoing Administration (20%). The Coordinator will assist the CWC Chair in preparing and distributing the monthly CWC agenda and will provide staff support for all CWC meetings. The Coordinator is responsible for maintaining all CWC records (including computer files and library documents), processing correspondence, and managing CWC-owned equipment. The Coordinator will interact with related groups and agencies and attend meetings as appropriate. The Coordinator will prepare written monthly status reports of all work for distribution to the CWC. The Coordinator will motivate and bring together diverse stakeholders with interest in the watershed and help them develop common goals and plan and implement projects. The Coordinator is responsible for facilitating strategic planning and regularly evaluating the Council’s goals and objectives.

2. Project Planning, Delivery and Maintenance (50%). The Coordinator will implement and provide all necessary grant reporting for the CWC’s current, funded projects including: landowner riparian restoration projects, culvert replacements, survey of bank, channel and sediment conditions upstream of Brownsville Dam, supervision of tributary streams habitat surveys, and Japanese knotweed inventory.
Oregon Coast Range Stream Research / Oregon State University
Summer 2006
Hourly Research Assistant Position Available

A field assistant is needed to help map physical stream characteristics, survey valley-floor sediment deposits, collect samples for radiocarbon dating, and prepare samples for analysis. Much of the field work will be in two of the larger patches of remaining old-growth forest in the southern Oregon Coast Range. Applicants should be ready to (1) work in rugged, densely vegetated terrain, (2) spend hours per day wading in streams, (3) camp for 8 days and 7 nights at a time in the field, and (4) work full-time for approximately 3 months at $10/hr.

The research project addresses rates of evacuation of valley-floor deposits in areas susceptible to debris flows and effects of climate change on this "buffer zone" between landslides and fish-bearing streams.

Inquiries and applications (resume, references, letter of interest) should be directed to Stephen Lancaster, Dept. of Geosciences, Oregon State University, 104 Wilkinson Hall, Corvallis, OR 97331-5506; ph. (541) 737-9258; fax (541) 737-1200; email Stephen.Lancaster@geo.oregonstate.edu.
FEDERAL JOB AS A FOREST HYDROLOGIST – ENTRY LEVEL

The USDA Forest Service, Southern Research Station is planning to advertise and fill a new Hydrologist position in the next few months. The person hired will work as my primary assistant in helping me accomplish my research program. I am looking for a highly motivated person who has a background in wildland watershed processes, but this background may be through training/experience in fluvial geomorphology, hydrology, physical geography, geology, soils, forestry, engineering, or related disciplines.

For more information regarding the position, please point your web browser to

http://www sqr.fs.usda.gov/4106/frp/HydroOutreach/

where two versions (MS Word and Adobe Reader) of an outreach announcement are listed. Click on either file to read the contents.

In addition to scientific training, I need someone who can work with data loggers, PCs, and data analysis software. I also need someone who can work well with others, as well as on their own.

This position should be an excellent entry-level opportunity for a student or former student who is interested in a career in forest or wildland resource management. In addition to involvement in research, there will be opportunities to get on-the-job training in environmental assessment work that will enable the incumbent to effectively compete for higher level positions on national forests throughout the country. It is also an opportunity for any capable person who is interested in fluvial research (both laboratory and field elements), but would prefer not to have publication responsibilities. The official job announcement probably won't come out until mid-July or later. Please note that this position will be restricted to U.S. citizens.

The general qualifications required to be considered for this position are listed at

<http://www.opm.gov/qualifications/SEC-IV/A/GS-PROF.HTM> and
<http://www.opm.gov/qualifications/SEC-IV/B/GS1300/1315.HTM>

The qualification criteria that typically trips up applicants is the "at least 6 semester hours in calculus (including both differential and integral calculus), and at least 6 semester hours in physics." To qualify at the GS-7 level requires at least a Bachelor degree with one additional year of graduate work, or a Bachelor degree with at least one year of professional work experience at the GS-5 or equivalent level. For a GS-9, the minimum requirement is a Master degree or one year of professional work at the GS-7 or equivalent level. If one is uncertain about their qualifications, they should contact Ivory Walker (see the outreach notice).

I strongly urge anyone who is interested to contact me to discuss the job further. I list my contact info below.

Daniel A. (Dan) Marion
Research Hydrologist
USDA Forest Service
Southern Research Station
607 Reserve Street
P.O. Box 1270
Hot Springs, AR 71902
Voice: 501-623-1180 x104
Fax: 501-623-0186
Email: dmarion@fs.fed.us
MORE WATERSHED JOBS / ENTRY LEVEL

Alex Conley
Coordinator
North Fork John Day Watershed Council
PO Box 95, Monument, OR 97864
Phone: Direct Line: 541 934-2188; Front Desk: 541 934-2141
Fax: 541 934-2312

Please forward to anyone that might be interested in challenging and rewarding employment in a beautiful rural setting.

Monument Soil and Water Conservation District has two immediate full-time openings in its office in Monument.

North Fork John Day Watershed Council Coordinator

The coordinator develops & implements on-the-ground conservation projects with landowners & managers, writes grant proposals to fund Council activities and projects, facilitate meetings and workshops, prepare and submits reports on Council activities & finances, represent the Council in diverse forums & recommends policy and actions that will promote the Council's goals. Desired qualifications include a BA/BS degree in public administration, community development, environmental sciences or a related natural resource management field and professional background in natural resource program management, community organizing and/or organizational development. $30-36k/yr and benefits. Applications reviewed beginning May 15th. Open until filled. For more information contact njfdwci@centurytel.net or 541 934-2188.

District Coordinator

Provide managerial and technical support to the Board. Responsibilities include program development, oversight of admin and finances, Planning and design of conservation practices, and working with the District Administrator to implement all projects. BA/BS degree preferred in a Natural resource, engineering, or agriculture related field with experience Relevant to soil and water conservation. Strong computer skills. GPS/GIS a plus. Knowledge of NRCS planning procedures preferred. Some work in difficult terrain and variable climate. Valid Oregon driver's license. Full-time $30-35k/ and benefits. Send resume and cover letter with 3 references to: Monument SWCD, P.O. Box 95 Monument, OR 97864. Applications reviewed beginning May 2. Position open until filled. For more information call 541-934-2141 or e-mail tamik@centurytel.net.
The Oregon Department of Forestry GIS Unit has a temporary position available starting in mid-March. The job is an entry level GIS position filled as an ISS 1 which pays about $2150 per month will be temporary not to exceed 6 months. The job is a good one for a recent graduate or a student with experience working with ArcGIS software. Most of the job tasks will involve editing GIS data, including the geometry and attributes. This is a good job for students and recent graduates to gain some practical experience in the GIS field. 

Michael Schuff  
Oregon Department of Forestry  
GIS Unit Manager  
2600 State St.  
Salem, Or 97310  
503-945-7331  
Fax: 503-945-7314  
seschuff@cdf.state.or.us

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GIS Job

Salem
Are you looking for professional experience to complement your education? Do you want to help rural communities improve their economic and environmental conditions? Resource Assistance for Rural Environments (RARE), a University of Oregon Program, is accepting applications for 2006-2007 placements. Deadline for applications is June 16, 2006.

RARE’s mission is to increase the capacity of Oregon’s rural communities in order to improve their economic, social, and environmental conditions, through professional assistance provided by trained, college graduates who live and work in communities throughout the state for eleven months.

Participants assist rural Oregon in the development and implementation of projects relating to community and economic development, watershed and natural resource planning, policy coordination, and delivery of social services. Participants receive a taxable living stipend of $1,250/month and medical health insurance.

Upon successful completion of 1,700 hours of service (approximately eleven months), RARE participants may be eligible to receive an educational award of $4,725. The educational award can be used to pay off past or future student loans. Educational awards are dependent on grant funding.

For information, visit: http://darwing.uoregon.edu/rare. Or contact us at: 541.346.2879 or rare@darwing.uoregon.edu

Kasey Cook
RARE Field Coordinator
Community Service Center
1209 University of Oregon
Eugene, OR 97403
kcook@uoregon.edu
SUMMER FIELD ASSISTANT JOB AT OSU – GREAT STUDENT OPPORTUNITY!

JOB ANNOUNCEMENT
OSU Water Resources & Geosciences

POSITION Summer Temporary Research Assistant: Stream Hydrology/Forest Ecology - OSU Department of Geosciences

NUMBER 1 position available

DURATION Start: June 26, 2006
End: September 22, 2006

LOCATION stream hydrology sites along the Willamette, Deschutes, and Umatilla Rivers, and forest ecology sites in the Willamette and Deschutes National Forests

SALARY $8.10-10.00 per hour. Many nights will be spent in the field so must be prepared to camp.

APPLICATIONS Due Friday, May 12th, 2006

Late applications may be accepted if the position is still open.

DESCRIPTION The successful applicant will participate in two field studies. The first is a floodplain characterization study to occur at locations along the Willamette, Deschutes, and Umatilla Rivers in Oregon. Characterization will include surveying geomorphic structure and biological communities. Activities will require several overnight stays in some of the more distant locations. The second study is an analysis of fire regimes in the Oregon Cascades. Study sites are located primarily in the Fall Creek, Blue River, and Deschutes River watersheds. Sampling will focus on characterizing forest structure and tree-age distribution along topographic gradients. The study will be based out of the H.J. Andrews Experimental Forest with overnight camping at the more distant sites.

QUALIFICATIONS Successful applicants must be able to work outdoors for long hours, and perform hard physical labor. The ability to work independently, as well as cooperatively with others is mandatory. Experience with river rafting/boating is desirable. Familiarity with surface water hydrology is preferred. Plant identification experience and knowledge of forest succession and disturbance regimes are preferred. All applicants must have a valid driver’s license.

CONTACT For additional information, and to submit applications, please contact: Nicole Czarnomski
Dept. of Geosciences
104 Wilkinson Hall
Oregon State University
Corvallis, OR 97331-5506
czarnomn@geo.oregonstate.edu

TO APPLY Applicants should send a letter highlighting their interests and qualifications, a resume (including names and contact information of three references), and an unofficial copy of transcripts with grades received. Please submit applications electronically.
ATTENTION ALL GEOSCIENCE STUDENTS
WE NEED YOUR INPUT IN A
GEOSCIENCE CAREERS SURVEY

We are interested in understanding what areas you would consider pursuing professional employment in the future. Please go to the following URL to complete a brief survey:

www.agiweb.org/surveys/student.html

As a thank you we will award one 5th Edition Glossary of Geology and a one-years subscription to Geotimes in a random drawing of respondees on April 17, 2006.
From LAURA VAUGEOS <laura.vaugenoe@wadnr.gov>

Position: CMER Geomorphologist
Salary: (GS 9/1611) starting salary range $39,690 - $54,425 DOQ
Location: Northwest Indian Fisheries Commission
          Olympia, Washington

Project Duration: This is a regular, full-time position funded through a contract with the Washington State Department of Natural Resources.

Duties and Responsibilities: This position provides expertise in geomorphology and/or hydrology to support the work of CMER, the Cooperative Monitoring Evaluation and Research Committee for the Washington State forest practice adaptive management program. Duties primarily involve developing and implementing research and monitoring projects related to mass wasting, surface erosion and stream channel processes under the guidance of a scientific advisory group. Specific duties include: 1) providing technical support for project scoping and study design efforts including conducting literature reviews, organizing workshops, preparing briefing papers, project proposals and study plans; 2) providing technical support for project planning, including developing project implementation plans, budgets and schedules; 3) managing research and monitoring projects, including developing requests for proposals, interfacing contractors and overseeing contracts; 4) conducting research, including data collection, analysis and technical report preparation; and 5) participating in technical committee meetings.

Qualifications: Master’s Degree in geomorphology, geology, forest hydrology or closely related field with a minimum of one year of experience related to research, monitoring, or environmental assessment of erosion and/or hydrology processes in forested environments or Bachelors of Science Degree and three years of experience. Experience in mass wasting and road erosion assessment is desirable. Strong technical writing and presentation skills are necessary. Experience working with a diverse group of stakeholders in a committee setting is helpful, as are familiarity with the Washington Forest Practice Rules and CMER. Ability to qualify for state geologic license is a plus. Must have or be able to obtain a valid Washington State Drivers License.

Application: Send resume and cover letter stating interest by December 17, 2005 to: Michael Grayum, Executive Director, Northwest Indian Fisheries Commission, 6730 Martin Way East, Olympia, WA 98516-5540. For more information about this vacancy, please contact Dave Schuett-Hames at (360) 436-1180.

The Northwest Indian Fisheries Commission operates under PL 93-638 contract; Indian Preference is an employment policy. Must be eligible to work in the U.S.

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David E. Wilkins
Assistant Professor of Geosciences
Boise State University
1910 University Drive
Boise, Idaho 83725-1530
208-426-2990 voice
208-426-4061 fax
http://earth.boisestate.edu/~wilkins
"Quando omni fluit facies morte!" (Praesum Lodge motto)

http://popap.html?popap
11/18/2005
Undergraduate Internship  
SUMMER FIELD RESEARCH OPPORTUNITIES IN LANDSCAPE EVOLUTION

This summer (2006) Mesa State College will once again host a National Science Foundation's Research Experience for Undergraduates program entitled "A Field-Based Study of Landscape Evolution in Western Colorado." The program will provide 12 undergraduate students who are in the early stages of their research careers (sophomore or junior standing in the Fall of 2006 preferred: we would like students who WILL NOT have graduated by Spring 2007) to conduct field-based research in western Colorado. The program will be for 6 weeks (May 16-July 11, 2006), and will involve ~6 weeks of field work and attendance at the Rocky Mt Section Geological Society of America (GSA) meeting in Cummision, CO, and ~2 weeks of data compilation and synthesis. Students will present the results of their research in 2007 (see below).

Each student participant will receive a weekly stipend ($2400 for the 6 wk period), housing, a meal allowance, and round-trip travel to and from Grand Junction, CO. Students will also receive a travel allowance to attend several professional meetings. All 12 student participants will attend the 2006 Rocky Mt Section Geological Society of America meeting in Cummision (May 17-19). We will use the GSA meeting as a "springboard" to provide students with background on the current research questions and techniques, and opportunities to meet the people doing the research. This year's REU students will also see last year's REU students present the results of their summer 2005 efforts. By the end of the meeting, students will have a good idea of which project they will want to work on, and the meeting will be immediately followed by the REU field season. We will ultimately expect student participants to present the results of their own summer research (probably in small group presentations) at next year's (2007) Rocky Mt Section Geological Society of America meeting at BYU. Student travel to this 2nd meeting will also be paid for up to $600.

Lastly, this is a 3-yr program, and we will have the student participants from all 3 years (~36 students) attend the 2008 Rocky Mt Section Geological Society of America meeting where the entire group of REU students will have the opportunity to synthesize and present their results. Travel to this 3rd meeting will also be paid for up to $600 (total of up to $1400 for up to 3 meetings).

Field work each summer will involve a combination of geological mapping, field observations, stratigraphic studies, and GPS surveys. Other techniques will be employed depending on the project. When not in the field, student participants will be housed in Mesa State's dormitories and students will be able to cook in the dorm suites. Students will also have most weekends available to visit the region. Grand Junction is close to many great areas such as Canyonslands/Arches NP, the San Juan Mountains, etc.

Details of the Mesa State REU program and application materials are available at:
http://www.mesastate.edu/insreu

The application deadline is March 6. Applicants must be U.S. citizens.

For questions, please contact Andres Aslan (aaslan@mesastate.edu; 970-248-1614).
OREGON DEPARTMENT OF TRANSPORTATION
Field Geologist
Geologist 1 - Roseburg

Position will assist with field geological investigations. Bachelor's degree in Geology required. Salary $2525-$3621/month + excellent benefits. For details on minimum qualifications, requirements, how to apply and supplemental requirements, please visit www.odotjobs.com or call (866) ODOT-JOBS (TTY 866-3854 for the hearing impaired) for Announcement #ODT8320 and how to apply. Application materials and required supplements must be received by 5:00 p.m. PST: May 8, 2006. ODOT is an AA/EEO Employer, committed to building workforce diversity.

From Stephen Kenworthy <stephen.kenworthy@wku.edu>

Summer REU at Western Kentucky University, Bowling Green, Kentucky

Opportunity for summer undergraduate research in the Mammoth Cave - Upper Green River region of south-central Kentucky, National Science Foundation Research Experience for Undergraduates program at Western Kentucky University.

The program is seeking talented undergraduate students interested in summer field research related to fluvial hydraulics and sediment dynamics. This project will involve field work on the beautiful Upper Green River of Kentucky and at an instrumented cave-stream site in Mammoth Cave National Park. In addition, students will participate in analysis of historical data and present research results at a program conference. There are also many fine recreational opportunities in the river and in the Mammoth Cave system for participants to explore.

Students interested in geology, speleology, physical geography, environmental science and/or river restoration are encouraged to apply. Students accepted to the program receive a $3000 stipend, modern housing, and $900 food allowance for the 10 week period.

Please contact Dr. Stephen Kenworthy (stephen.kenworthy@wku.edu, 270-745-8777) for additional information. The WKU Mammoth Cave REU website is http://www.wku.edu/kenworths/.

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Stephen T. Kenworthy
Assistant Professor
Department of Geography and Geology
Western Kentucky University
1906 College Heights Blvd, #3106
Bowling Green, KY 42101-1026
270-745-8777 phone
270-745-6410 fax
stephen.kenworthy@wku.edu
Research Experiences for Undergraduates
Program in Water Research at Colorado State University
Summer 2006

Program Description
The Water Center at Colorado State University is seeking applicants for its 2006 NSF Research Experience for Undergraduates program in Water Research at Colorado State University. Fifteen selected undergraduate students will undertake an individual research project in water research under the supervision of a Colorado State University faculty mentor. The research will be performed at Colorado State University during 8 weeks in the summer (June and July).

In addition to their research experience, students will participate in weekly workshops, seminars and discussions on topics in water research, and field excursions to introduce them to important water issues. Students will present the results of their research (in the form of papers or posters) at an end-of-program symposium. Students will be encouraged to present their work also at the AGU’s Undergraduate Research and Creativity Symposium during Fall 2006, and to participate in the 2007 edition of the AGU Hydrology Days at Colorado State University.

REU students will receive a stipend of $3,000 for participation in the program. Students will be provided with housing during the 8-week summer program. Reimbursement for child care expenses may be available on request.

Eligibility Requirements
- At least a junior standing in an appropriate major at the time of application with good academic standing. Students must have at least one semester left prior to graduation as of June 1, 2006.
- Application form completed and submitted on-line with a copy of transcripts and two letters of reference.
- Cover page essentially describing student’s interest in water research.

Application Procedure
Only on-line applications will be accepted. In order to apply, point your web browser to the following URL: <http://waterreu.colostate.edu/> and follow the directions provided. The process includes filling out a short on-line form, providing copies of official transcripts, and obtaining two letters of reference.

Appropriate Majors For The Program
The following is an incomplete list of the majors that are appropriate for this program. If you are not sure if you are in an appropriate major, contact one of the individuals listed below:

- Agricultural Economics
- Agricultural Engineering
- Agricultural Biological Science
- Bioresource Engineering
- Civil and Environmental Engineering
- Ecology
- Environmental Science
- Fisheries Biology
- Forestry
- Geology
- Wildlife Management

For more details on the program, including a list of projects:
http://waterreu.colostate.edu
For additional questions you may contact:
Hydrogeologist Position Announcement
Washington State Department of Ecology
Toxics Cleanup Program / Southwest Regional Office

Washington State Department of Ecology’s Toxics Cleanup Program - Southwest Regional Office (TCP-SWRO), located in beautiful Olympia, Washington is recruiting for a Hydrogeologist 2. This is a full-time, permanent position with the responsibility of protecting human health and the environment. The anticipated hire date is July 3, 2006.

Duties: The primary responsibility of this challenging position is serving as a site manager for the cleanup of contaminated sites, develop and review groundwater models, and providing technical hydrogeology support to other cleanup site managers. Duties include planning, developing, conducting, directing, evaluating/reviewing, and/or overseeing hydrogeologic remediation projects, analyses, and investigations.

Required Competencies, Knowledge, Skills, and Abilities: A Masters of Science degree in Hydrogeology or Hydrology from an accredited college or university; completion of graduate course work and preferably a Masters thesis using fate and transport and/or groundwater model(s); demonstrated proficiency using groundwater model(s); demonstrated clear written and verbal skills; and proficiency in MS Office Applications, including Word and Excel.

Desirable Competencies, Knowledge, Skills, and Abilities: The position requires an organized and dependable person with a hydrogeological degree (remediation experience is a plus) and a strong environmental ethic who possesses excellent communication skills - both verbal and written. Specifically, the person will:

- Manage the cleanup of contaminated sites within the TCP - SWRO;
- Assess impacts of contamination on human health and the environment;
- Develop and review groundwater fate and transport, flow (e.g., MODFLOW), and leaching (e.g., V-leach) models and provide hydrogeology modeling technical assistance to Ecology staff;
- Work with local governments, property owners and real estate institutions to complete cleanup actions;
- Conduct field investigations of site activities to ensure compliance with applicable environmental statutes;
- Use technical and negotiation skills in interactions with the public and other Ecology staff;
- Be a Department contact for hydrogeological site management issues.

Application Process: The following link will connect you with the State of Washington’s Hydrogeologist 2 position announcement: [http://www.ecy.wa.gov/jobs/jobs.html](http://www.ecy.wa.gov/jobs/jobs.html)

For Further Information:
Dan Alexanian, P.G., P.Hg.
Supervisor - Technical Support Unit
Toxics Cleanup Program
Southwest Regional Office
dale61@ecy.wa.gov
360-477-6249

The Washington State Department of Ecology is an equal opportunity employer. Women, racial and ethnic minorities, persons with disabilities, persons over 40 years of age, and disabled and Vietnam-era veterans are encouraged to apply. Persons with a disability who need assistance in the application process, or those who need this announcement in an alternative format, may call (360) 407-6186. For TTY for the hearing impaired, contact the Washington State Relay Operator/Service at 711 or 1-800-833-6388.
Recruitment Notice for Watershed Positions
USFS Pacific Southwest Research Laboratory, Fresno, CA

The Kings River Experimental Watershed is set to begin investigations (monitoring and/or harvesting) on six 100-hectare watersheds. Since 2001 we have instrumented nine stream sites with flow, turbidity, and water temperature. Discharge data is used to trigger automated water samplers. KREW also has four meteorological towers and four sites where soil moisture is extracted. Each year KREW analyzes 2000 water samples for the full cation/vanadium suite. We are seeking for people who can keep this large array of instruments functioning 12 months a year.

This term job will be posted on USA jobs at http://www.usajobs.opm.gov/. It is expected to open about January 9 and remain open for 3 weeks. Please contact Tom Whitaker 559-297-0756 ext 4851 twhitaker@fs.fed.us or Sean Eagan 559-297-0706 ext 4851 seagse@fs.fed.us or Dr. Carolyn Hunsaker at chunsaker@fs.fed.us for additional information. Your application must be electronically transmitted or received by Jan 31, 2006. If USAjobs has a different submission deadline, then follow the direction found there.

Hydrologic Technician-1316 GS-5/7/8 term (1 year term extendable up to 4 years). During the summer this position supervises seasonal crews who maintain flumes, pressure transducers, turbidity sensors, water samplers and construct instrument sheds and solar power systems. He/she will program and troubleshoot ISCO 6712 samplers, water quality probes, and some meteorology instruments. The person will also assist with other jobs such as soil and sediment collection and processing, installation of annular measurement devices, and data entry. During the winter he/she will be part of a 4-person team that skis or snowmobiles to remote instrument sites to retrieve water samples and troubleshoot instruments. Duty station: Shaver Lake Fierl time: 70%

This position does offer government health insurance and retirement benefits.

to unsubscribe, send a message to:hydro_faculty-leave@lists.oregonstate.edu

http://sundown.wou.edu:81/popup.html?popup

1/17/2006
January 17, 2006

Dr. Jeffrey Templeton
Chairman, Department of Earth and Physical Science
Western Oregon University
Monmouth, OR 97361

Dear Jeff,

Arrangements are rapidly falling into place concerning the research assistantship to help with the invertebrate fossil stratigraphic collection that I built over a thirty year span.

I will be giving money to WOU for Spring and Fall terms of 2006 to hire a student to help work on the collection. This student will be paid $50 per week for ten weeks each term. The student will be expected to assist me six hours per week. Work will include specimen preparation, identification and numbering. Computer skills, data entry and library research will also be essential components. The student should be self-directed, have an interest in paleontology and be someone that Dr. Myers is comfortable with as some of the materials that will be used in the taxonomy are housed in his office.

I would like you, Dr. Steve Taylor and Dr. Jeffrey Myers to select the student.

This collection has been described by William and Elizabeth Orr in their book, Oregon Fossils, as a "superb biostratigraphic teaching collection." I am excited to be able to work on finishing a catalog of the more than 70 localities and to finish the taxonomy of the specimens as yet unidentified.

Guy H. Rooth

Copies:  
Dr. Jeffrey Myers  
Dr. Stephen Taylor  
Dr. Lonide Guralnick  
Mr. Jim Birken
Position Announcement
Program Manager – Water Leasing Program
September 2005

Institutional and Program Context

The mission of the Deschutes River Conservancy is to restore streamflow and improve water quality in the Deschutes Basin. To achieve its mission the DRC employs voluntary, market-based methods. The Water Acquisitions Program objective is to facilitate restoration and reallocation of streamflow in the basin through the development of water transactions and water marketing tools. The Water Acquisitions Program includes the following sub-programs:

- the Annual Water Leasing Program
- the Conserved Water Program
- the Water Banking (Reserves) Program
- the Transfer Program

The DRC is collaborating with its irrigation, municipal and tribal partners in the Deschutes Water Alliance Water Bank. The Bank will provide liquidity and flexibility to meet changing and future water demands of the river, growing communities and agriculture through a cooperative approach to reserve acquisition and temporary allocations of water rights, as well as facilitating permanent transfers to meet long-term needs.

Program Description

The Annual Water Leasing Program employs the State’s Instream Leasing Program and Deschutes Groundwater Mitigation Program to lease water from interested landowners. Instream leases provide temporary instream flow restoration and temporary groundwater mitigation credits, the latter through the DRC’s State-chartered Groundwater Mitigation Bank.

The Program Manager is an integral member of the DRC team and will manage activities of the Leasing Program, including the Groundwater Mitigation Bank. The Manager reports to the Water Acquisitions Director. Program Managers assist other staff in a range of functions across the DRC Programs depending on their technical specializations and Program roles. The Program Manager fulfills a coordination and leadership role in his/her program or subprogram management role (as defined in Technical Program role definitions), including directing other staff in the fulfillment of program objectives. The Program Manager will also play a lead role on project/transaction teams commensurate with his/her skills and abilities.

The Position

The Managers role is to

- Assure the Program adheres to highest technical standards
- Assure that the Program is financially sustainable
- Assure that the annual targets for leasing water instream are met
- Assure that Groundwater Mitigation Bank (GMB) temporary credit needs are met

Roles and duties include but are not limited to the following:
Oakham Science Graduate Placement

The science department at Western Oregon University is starting a placement programme at Oakham High School for an enthusiastic graduate from one of the sciences.

Oakham School is a major Independent School in the East Midlands of England, with excellent facilities (notably in the sciences) and a modern, international outlook – Oakham School delivers the International Baccalaureate (IB) Diploma in addition to the UK exam courses.

Further information on the school is most easily found on our web-site: http://www.oakham.rutland.sch.uk

- Suitable graduates would be taking a Major in Biology, Chemistry, Physics or Earth Sciences, and a minor in one of the other sciences. They would also have a genuine enthusiasm for science, high academic aptitude and commitment, and good communication skills. They would probably be intending to pursue a medical or veterinary career, or other scientific graduate studies.
- The chosen graduate would be given a stipend of £600 per month (from September through June) plus food and accommodation during term time. Travel expenses of up to £500 would also be refunded.
- In return, they would be expected to contribute to the overall life of the school, especially in the science departments. This might involve leading discussion groups on current science issues, helping students with their science investigations, supporting teachers in certain practical lessons, assisting on Field Trips, or developing novel science activities and techniques based on their own scientific training.
- Extra-curricular activities such as sport, field experience trips or music might also be involved and the graduate would be free to explore the UK and Europe during our generous vacations, and/or join one of our numerous expeditions (which have varied from alpine skiing to tropical bio-geography and scuba diving).
- The precise programme would be negotiated between the school’s Heads of Sciences and the graduate, to achieve a match between their own interests and the needs of the school. The graduate would not be expected to take sole charge of a class.
- There may be an opportunity for a suitable person to be resident in a boarding house and assist with boarding duties, in which case an extra £100 per month is payable.

In order to be considered for placement, applicants must:

- Be a current Western Oregon University student actively pursuing a Science Degree

- Submit completed applications to Dr. Guralnick, NS 104b, by 5 PM on Friday, March 17th.
WHO
Ter educators and graduate students

WHEN
June 12 – August 18, 2006

APPLICATIONS
Must be received by February 16, 2006

STIPEND
$500/week for 10 weeks
Support may be provided for travel to California.

POTENTIAL INTERNSHIPS
Ocean observation systems
Ocean-floor mapping
Web design • Microbiology
Sensor development
Geology • Seismology
Physical oceanography
Electrical engineering
Mechanical engineering
Deep-sea ecology
In situ chemical analyses
Software engineering
Video technology
Science writing

FOR ADDITIONAL INFORMATION, OR TO SUBMIT AN APPLICATION, CONTACT:
George I. Matsumoto
2006 Internship Program

http://www.mbari.org/education/internship/86interns/06announc.htm

1/10/2006
Master's Degree Fellowships - Ecological Sciences and Engineering (this includes geomorphology)
Purdue University, West Lafayette, Indiana

With funding from the USDA and Purdue University, we are offering up to eight fellowships for students interested in joining an interdisciplinary cohort of students pursuing two-year master's degree programs in various departments under an overall theme of Ecological Sciences and Engineering. This includes a geomorphology/hydrology focus through our Department of Earth and Atmospheric Sciences (www.purdue.edu/eas). Fellowships begin Fall 2006 and provide tuition, most fees, and a full stipend for the academic year and summer. The USDA fellowship program requires that recipients are US citizens. Additional details are available at http://www.purdue.edu/dp/envrors/mentalea_masters.pdf and applications are encouraged immediately. Please contact Jon Harbor (jharbor@purdue.edu) if you are interested in discussing this opportunity further.

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David E. Wilkins
Assistant Professor of Geosciences
Boise State University
1910 University Drive
Boise, Idaho 83725-1035
208-426-2390 voice
208-426-4061 fax
http://earth.bsu.edu/~home/dwilkins
"Quando omni flatus est, materia est." (Pozsum Lodge motto)
2006 PAID SUMMER INTERNSHIP - HYDROLOGY
MAPLETON RANGER DISTRICT; Florence-Waldport Area

Johan Hogervorst of Siuslaw National Forest, Mapleton District, is looking for paid summer interns.

Contact Johan directly for more info at the email below.

Johan Hogervorst [mailto:jhogervorst@fs.fed.us]

Siuslaw National Forest Supervisor's Office

Forest Supervisor; José Linares

4077 S.W. Research Way
P.O. Box 1148
Corvallis, Oregon 97339
TEL: (541) 750-7000
TTY: (Oregon Relay) (for hearing & speech impaired)
FAX: (541) 750-7234

Office Hours:
Monday – Friday
8:00am – 4:30pm
Calapooia, North and South Santiam Watershed Councils
311 N Third Ave Stayton, OR 97383
Phone: 503-930-8202
Email: liz_redon@msn.com
Website: www.open.org/~nsantiam

Request for Qualifications

Opening Date: 8-21-06
Closing Date: 9-6-06

Title: Education and Outreach Coordinator
Job Status: Part-time with potential for full time status
Work Location: Throughout the Calapooia and North and South Santiam Watersheds (Linn and Marion Counties)
Salary: $18,000
Benefits: None and contractor is responsible for own taxes
Position Term: 12 Months Independent Contractor

Working Conditions and Background

The North and South Santiam and Calapooia Watershed Councils are volunteer citizen non-profit organizations formed from the Oregon Plan for Salmon and Watersheds. The overall mission of the partnership between these three Willamette Valley Watershed Councils is to deliver watershed education and outreach activities to the communities that will improve public awareness of the Councils missions, identify and develop watershed projects with landowners, and to create long-lasting relationships with watershed stakeholders.

This position requires working independently, with minimal supervision, and as a team player. The contractor will create and maintain partnerships between the Councils, other non-profit organizations, school districts, natural resource professionals, landowners, and relevant government agencies and staff. The Coordinator will be responsible for dissemination of information intended to engage watershed residents with the purpose of recruiting new volunteers, creating partnerships and raising awareness about watershed issues that stimulates action.

Duties

Coordination of Education and Outreach programs for the three watershed councils includes, but is not limited to, the following duties:

- Identify and partner with existing community education providers, and in collaboration with the Council Coordinators, to build a comprehensive education and outreach program based on existing programs (e.g. SOLV, OSU Extension,
Hi Gail-

We spoke last week at the AWRA conference about OSU's new Institute for Natural Resources. I mentioned your need to place interns to Todd Heidgerken and Greg DiLoreto, who told me that the District is actually putting together a formal internship program of our own, starting this summer. We have a lot going on in water conservation, engineering, water quality testing, and other areas, so whenever you get something more formal down on paper, we'd be interested in comparing notes with you.

Also, as I mentioned, we have senior staff here who are always available as guest lecturers or other professional resources. And, if you ever decide to join the AWRA, I chair their Policy Technical Committee and we'd love to have you as a member of our group!

Hope you're doing well. It was good to meet you,

Brenda Bateman

Brenda Ortegoza Bateman, Ph.D.
Water Policy Coordinator
Tualatin Valley Water District
1850 SW 170th Ave.
Beaverton, OR 97006
Tel: 503-848-3060 / Fax: 503-649-2733
E-mail: BrendaB@tvwd.org
Oregon Department of Transportation - Geo-Environmental Section (Salem)
Temporary opportunity with Asset Management Systems (1040 hrs. max.)
Announcement # TMDTA905
Asset management systems are being developed by ODOT to identify and analyze the conditions and risks associated with landslides, rockfalls, embankments and culverts.

GEOLOGIST 1 ($14.56-$20.89 hr)

Assist primarily with Unsable Slopes Program (landslide/rockfall) data collection:
• Research as-built engineering drawings, inspection reports, project files
• Collect field data using measuring devices and survey equipment
• Download field data into office computer
• Conduct Quality Control on field data to assure correctness & completeness
• Enter data, run queries and generate computer reports

Desired skills/knowledge/abilities:
• Bachelor’s degree in geology or closely related field with an emphasis on slope geomorphology.
• Ability to recognize mass-wasting features.
• Ability to read engineering plans, construction documents and inspection reports.
• Working knowledge of measuring devices (rules, tapes, protractors).
• Land surveying knowledge/education and use of surveying instruments, i.e.: clinometers & GPS receivers.
• Ability to organize and present field notes/findings in a clear, concise manner and produce sketches of site conditions.

Working Conditions
• Work out of the Salem office and in field environments throughout the state of Oregon.
• Physically demanding (extreme weather conditions; rugged terrain; steep embankments; work around bodies of water and traffic; use trachee, hand tools, digital camera, etc.)
• Extensive/extended travel weekly/overnight/throughout Oregon. must have valid driver’s license.
• Regular/punctual attendance is required. Contribute to a courteous, professional, positive and productive work environment.
The Forest Engineering Department has an opening for a temporary position this fall at the Hinkle Creek Paired Watershed Study. The incumbent will be responsible for keeping the current hydrologic infrastructure up and running and download and archive the data generated by the instrumentation. The infrastructure consists of eight TTS (turbidity threshold sampling) systems, a micrometeorological station, rain gauges, and some unknown number of capacitance rods. The data is downloaded from Campbell Scientific CR-10X data loggers using a laptop and saved onto College of Forestry servers. In addition to handling data, the hardware systems needed to be maintained and during storms sample bottles would need to be changed out in the eight ISCO’s. The incumbent may be required to assist the fisheries personnel at times during the fall and there will be other assigned duties as they come up that aren’t known right now.

At this time the position is only available temporarily, however I can promise the position will last through the end of the year (calendar year). The position is available now. The temporary position will be located out of Corvallis and the Forest Engineering Department. A motor pool pickup will be available for commuting to and from Hinkle Creek. The position will require, at a minimum, two or three days a week in the Roseburg/Hinkle Creek area even in the best weather. The position will require full time in the Roseburg/Hinkle Creek area during storms. The pay is competitive and will depend on the qualifications and experience of the incumbent.

A bachelor’s degree is required. Experience with hydrologic data collection, data loggers, and electronic data systems would be a plus. However, what you need most for this position is a good attitude, a work ethic, and the ability to work on your own without direct supervision.

If you think you might be interested in this position, contact Arne Skaugset [arne.skaugset@oregonstate.edu, 541-737-3263] or Nic Zegre [Nicolas.zegre@oregonstate.edu, 541-740-0101].

If you think you know someone that might be interested in this position, please forward it to them and have them contact Arne Skaugset.

Thanks for you time and interest,

Arne Skaugset
Forest Engineering Dept.
Arne.skaugset@oregonstate.edu
941-737-3263

http://sundown.vou.edu:81/msg_fs_1r.html?&security=false&lang=en&cal=1&charset=esca... 9/7/2005
Please post the following announcement as relevant to students in your Program:

Paid Summer Research Program in Watershed Studies

With funding from NSF, the College of William and Mary has available summer research positions for undergraduate students in environmental studies. Specifically, our focus will be on the interdisciplinarity study of small watersheds in the southeastern coastal plain of the U.S. We invite student applications for research in the general disciplines of geology, biology, sociology and economics. Our goal is to create a cohort of faculty and students conducting place-based, environmental research across a number of subject areas.

Students will receive a $4000 summer salary for the 10-week program, a $500 travel allowance, a $500 allowance for research supplies, plus free housing and travel to and from Williamsburg, VA. Interested students are invited to visit our web site to review the project descriptions, identify potential faculty mentors, and complete the summer research application due March 1, 2006:

http://www.wm.edu/environment/REU/REU_Home.html

Point of Contact:READY CHAMBER, Watershed Research Program Directormaino.mcham@wm.edu

Thanks very much!

Gregory Harwood, Associate Professor
Department of Geology
College of William and Mary
Williamsburg, VA 23187

Research Assistantships in Fluvial Geomorphology and Flood Hydrology: The Geology Department and the Environmental Resources & Policy Program at Southern Illinois University at Carbondale offer funding (for Masters or Ph.D. level research) in Flood Hydrology and related areas. Students are principally sought to work on a large NSF-funded project modeling the impacts of levees and other/historical river modifications upon flood levels. Students with backgrounds in geomorphology, statistical hydrology, hydraulic/morphological modeling, or GIS-based analysis of physical systems are encouraged to apply. Information about the MS program in Geology is available at http://www.science.siu.edu/geology/information.html and the Ph.D. program is available at http://www.siu.edu/cmpg. Requests for application materials by the MS program should be sent to the Geology Department at simmons@siu.edu (or by phone, at (618) 453-3307). Requests for application materials for the Ph.D. program should be sent to the Environmental Resources and Policy Program at dwise@siu.edu.
I'm a recruiter asking for your help. I'm looking for all types of civil engineers (structural, land development, transportation, water resources, geotechnical, environmental, etc) for positions I'm working on filling primarily on the East Coast.

This is an example of one of my searches: I'm looking for structural engineers who have 1-10 years of experience in the structural design with steel and concrete framing for commercial, residential and industrial buildings for opportunities in Lancaster, PA, York, PA and Towson, MD. Experience with RAM and STAAD are a plus. Local experience is not necessary.

Do know of someone you can refer to me, would you please pass this on to a friend, colleague or associate who may know someone? I find networking is the best way to find the top talent. I appreciate your help. Please call me if you have any questions or need any details. Salary is dependent on the level of experience and I can discuss that further, along with benefits, over the phone.

I'm also looking for geologists, environmental engineers, all types of civil engineers and geotechnical engineers for many opportunities in various locations. I have positions from entry-level to VP-level.

I also have a list of current openings that I can send to you. Please let me know.

Thanks,
Eric

Eric Johansen
Account Executive
MANAGEMENT RECRUITERS
OF FREDERICK
4 N East Drive
Frederick, MD 21701
301-663-0610 x3212
800-663-1657 x3212
FAX: 301-663-0454
ed@magfrederick.com
www.mfgfrederick.com

MRINetwork (TM)
BUILDING THE HEART OF BUSINESS (TM)

hydro_both mailing list
hydro_both@lists.oregonstate.edu
http://lists.oregonstate.edu/mailman/listinfo/hydro_both

To unsubscribe, send a message to:
hydro_both-leave@lists.oregonstate.edu

hydro_faculty mailing list
hydro_faculty@lists.oregonstate.edu
http://lists.oregonstate.edu/mailman/listinfo/hydro_faculty

To unsubscribe, send a message to:
hydro_faculty-leave@lists.oregonstate.edu

http://sundown.wou.edu/81/popup.html?nopop

<table>
<thead>
<tr>
<th>Branch</th>
<th>Priority and Position Level</th>
<th>GS Level</th>
<th>Justification</th>
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</table>
| AMBB   | Priority #1
Biolagist
1 position @ 33 FTE
PC&B:
$9,098 (GS-5) or $11,269 (GS-7) | GS 5-7 | B.S. in natural sciences with interest and experience in field and lab research. Anticipated 35 days away from Corvallis in the field. Time not in field will be on processing samples in the lab, entering and analyzing data. Early summer would be in eastern Oregon. August and September would involve remote sampling and field camp activities in Glacier, Mount Rainier and Olympic National Parks. Field technician for Landers, Kentula, and Ringold. |
| RCB    | Priority #1
Biological Technician
1 position @ 33 FTE
PC&B:
$7,243 (GS-3) or $8,132 (GS-4) | GS 3-4 | Student technician for the Pesticide Project will assist in the development of whole-plant phytotoxicological tests and ecological tests to determine effects of herbicide drift on non-target native plants and crops. The student will work with a multi-disciplinary team investigating conducting experiments to simulate off target movement of pesticides on plants and plant communities. The student will assist in the growing of selected native and agricultural plants in both field plots and greenhouse facilities. The student will assist in measurements of plant cover and abundance in field plots with constructed native plant communities. The student will assist in measurements to develop standard toxicology tests for selected native species and agronomic species, types of measurements will include plant injury, size, stage of development, and biomass or yield. The student will maintain careful and accurate records in designated laboratory notebooks. The student will assist in the compilation and summarization of experimental data and in the writing parts of scientific manuscripts related to this work. Dr. Thomas Pfleger, Dr. David Olzsky (Alternate) |
|       | Priority #2 (1 or 2 students)
Biological Technician
(RCB)
2 positions @ .33 FTE each
PC&B:
$7,243 (GS-3) or $8,132 (GS-4) | GS 3-4 | Bluebird Study (up to 2 positions)
Student(s) will assist in the last year of a 3 year study of bluebird populations in the Willamette Valley, OR. Surveys are conducted by automobile, looking for adult birds (where they are located, what activity they are involved in, and if they have/have not been banded in previous years). Nest boxes that have been built in previous years are checked to record the dates for nest building, egg laying, hatch, and fledging (when the young leave the nest). Baby birds are weighed and measured, and banded with a special ring around their leg. End of summer surveys identify when and to where the young fly off and when the birds all begin to flock up and migrate south. The student(s) will also assist with data entry and some analysis, so they can learn how the information collected in the field is being used to develop predictive models of effects of pesticide use, habitat modification, and other human disturbance on bird populations. Dr. Laura Nagy, Dr. Nathan Schumaker (Alternate) |

Congressional Research Service: www.loc.gov/crsinfo/

Cyber-Sierra's Natural Resources Job Search: http://www.cyber-sierra.com/nr/jobs/joblist.html

DEVJOBS: http://www.devjobs.org/

EcoEmploy: http://www.ecoemploy.com/

Earthworks Jobs Links & List: http://www.earthworks-jobs.com/

Earth, Atmospheric, and Oceanic Science Positions: http://library.syr.edu/research/internet/earth/jobs.html

Employment Resources in the Geosciences - Earth, Atmospheric, and Oceanic Science Positions: http://library.syr.edu/research/internet/earth/jobs.html

Environment and Development Internship Links: http://www.iedonline.net/jobs_interns.htm

Environment and Development Jobs: http://www.demetjobs.org/


Environmental Career Opportunities: http://www.ecojobs.com/

Environmental careers Organization (ECO) - www.eco.org


environment Jobs Links: http://www.webdirectory.com/Employment/

Environmental Leadership Programs (many links): http://www.elpnet.org/empopps.htm


Foundation Center Job List: http://fdncenter.org/pod/jobs/index.jhtml


Government Jobs, USA National Governor's Association: www.nga.org/employment.htm

Government Jobs, USA National League of Cities: www.nlc.org/jobs.htm


Our firm, located in Marquette, Michigan is a small and highly regarded consultancy that specializes in providing hydrogeologic studies for mining and industrial clients in Michigan. Our staff covers a range of disciplines in the areas of hydrogeology, hydrology, geography/GIS and environmental science.

We are seeking a hydrologist to join our team. The position will involve hydrologic studies, remediation and reclamation projects and wetland science as well as participation in various capacities (including field data collection) as a team member on Company projects.

The ideal candidate will have:

- Master’s Degree from a four-year college or university with major course work in water resource engineering, hydrology, or a closely related field;
- Three years of professional experience;
- Ability to effectively manage field components of hydrologic projects and supervise contractors;
- Exceptional verbal and written communication skills with excellent command of English language;
- Experienced with hydrologic and hydraulic modeling and analysis;
- Fully computer literate, including familiarity with GIS and database software;
- Experienced in the application of hydrogeomorphic principles of wetland science; and
- Valid driver’s license and ability to maintain insurability under Company’s vehicle insurance.

**JOB DESCRIPTION SUMMARY:** Performs hydrologic, reclamation, remediation and wetland science programs; collects, interprets and analyzes data; and performs related duties as assigned.

Special Demands: Willing and able to travel, undertake regular field work in uneven terrain and lift 25 pounds and occasionally up to 50 pounds.

Interested candidates should submit a cover letter, resume, list of references, and short writing sample. Cover letters should address the candidate’s career goals as well as their experience and interest in hydrology. Incomplete submissions will not be considered. Application materials should be submitted by April 29, 2006 via email or regular post.

Kari Paulson
North Jackson Company
PO Box 218
Marquette, MI 49855
NOTES:

The USDA Forest Service has legislative authority to recruit and fill Permanent (Career-Conditional), and Term Appointments under the USDA Demonstration Project. Under this Project, interested individuals need not have present or previous status as a Federal employee in order to apply.

DUTIES:

Installs, inspects, services, maintains, and operates hydrological instruments, devices, and equipment in the field, laboratory, or office. Applies hydrological methods and techniques, taking into account the construction, applications, and limitations of instruments, equipment, and materials. Collects and analyzes hydrological data and water samples in the field, laboratory and office; takes field notes, and records or validates data.

Performs work related to research, conservation, and management of wildlife: the control of wildlife; or the determination, establishment, and application of the biological facts, principles, methods, techniques, and procedures necessary for the conservation, management, and control of wildlife. Specifically leases diurnal and nocturnal raptor surveys, especially for California spotted owls and other owl species; reads spotted owl leg color bands and plumage characteristics; captures, marks and collects blood and feather samples from spotted owls; and conducts spotted owl habitat and pellet surveys.

Assists in planning studies or investigations involving water resources and wildlife, especially for field work and crew needs. Reviews existing guidelines and procedures. Develops or follows study methodology, and may function as a field supervisor.

Uses a variety of specialized tools, equipment, and materials to carry out procedures, methods and practices in support of one or more of the biological sciences and water resources. Analyzes data and test conditions.

Maintains facilities, vehicles, and equipment and orders and monitors supplies.

ADDITIONAL REQUIREMENTS:
From Mandy Munro-Stasiuk <mmunrost@KENT.EDU>

Sent Monday, February 14, 2005 9:41 am
To QUATERNARY@MORGAN.UCS.MUN.CA
Cc
Bcc
Subject 9 NSF-funded Earth and Atmospheric Science Assistantships at Kent State University

Please pass on to all interested students.

GK-12: Inquiry-Based Approaches to Earth System Science
A Unique Opportunity to Expand Your Horizons in Earth and Atmospheric Sciences

Program Description: The Departments of Geography and Geology at Kent State University seek nine highly motivated students interested in combining their research interests in Earth and Atmospheric Sciences with an opportunity to work in middle and high school science classrooms. This graduate-level intensive Geoscience Education program is part of an NSF-funded GK-12 Initiative, and will include completing a science-related research thesis or dissertation and activities assisting in-service middle/high school teachers in Stark County, Ohio. Students completing the program will graduate with a Masters or Ph.D. degree in Geography or Geology from Kent State University.

Students in the program will conduct research in: climatology, geomorphology, remote sensing, sedimentology, or oceanography (see http://ksuvirtual2.geog.kent.edu/GK12 for details).

Qualifications of Applicants: All applicants must be citizens, nationals, or permanent residents of the United States at the time of application as stipulated in the NSF GK-12 Program Solicitation. They must have a minimum overall GPA of 3.30 in an undergraduate program in Geography, Geology, or an allied field at the time of application and an anticipated degree completion date of no later than August, 2005. Applicants for the Ph.D. program must also have a minimum overall GPA of 3.50 in their Masters program.

Students with a demonstrable interest in teaching and education, as indicated by completion of either a minor in education or appropriate educational coursework, or who have mentoring or tutoring experience, will be given preferential consideration during the selection process. Well-qualified candidates will be interviewed in person or by phone by the selection committee. Because students will be working in middle and high school classrooms as part of the program, all participants must pass standard background checks conducted in compliance with Ohio state law.

Compensation: Each of the nine GK-12 Fellows will receive a $30,000 stipend for 12 months, and a full tuition waiver, renewable for up to three years.

Target Date: For primary consideration, applications must be postmarked by March 11th, 2005.

For further information and to apply on-line please go to:
http://ksuvirtual2.geog.kent.edu/GK12/

*******************************************************************************

Dr. Mandy J. Munro-Stasiuk
Associate Professor of Geography
Kent State University
PO Box 5190
Kent OH 44242

Phone: 330-672-3225
Fax: 330-672-4304
E-mail: mmunrost@kent.edu
Web address: http://ksuvirtual2.geog.kent.edu/munro

http://mail.wou.edu/frame.html?rfPossible=true&lang=cn

2/14/05
JOB POSTING (posted March 31, 2005)

GIS/GPS Technician

Open: Immediately
Closes: April 20, 2005
Starting Date: June 15, 2005- date to be determined
Stipend: $280 per week (12 weeks)

Location:
Headquartered in Princeton, Oregon. Programmatic Assignment: Refuge properties located in Harney County.

Position Description:
Technician will be involved in mapping noxious weed populations and related infrastructure and entering data into GIS. There will also be opportunities to be involved in:
- wildlife population counts
- duck banding
- scientific research in meadow and upland communities
- local noxious weed outreach programs

Nature of the Appointment:
This appointment is temporary in nature and will last approximately 3 months. This person will be required to begin work in mid-June. Some flexibility in the starting date of this position will be granted.

Housing will be provided at refuge headquarters. The nearest population center, the town of Burns, lies 35 miles north. A vehicle will be provided during work hours.

Nature of Responsibilities:
The incumbent serves as a technician in the monitoring/mapping of noxious weed populations within Malheur National Wildlife Refuge. Previous knowledge and experience with ArcMap and related software is necessary. A majority of the field work will be done with a four-wheeler and Trimble hand-held GPS unit. Duties may also include assisting other Department personnel in various refuge-related activities such as duck banding, bird counts, etc.
Positions open at
Kings River Experimental Watershed
Southern Sierra Nevada, CA

These positions are located in the USDA Forest Service, Pacific Southwest Research Station, Sierra Nevada Research Center, Fresno, CA. The employee supports research on forested watersheds in the Kings River Experimental Watershed, a long-term interdisciplinary study to provide information on the physical, chemical and biological effects from forest management. Responses to prescribed fire, mechanical thinning, air pollution and climate change are being evaluated. Work assignments and seasonal housing are in mixed-conifer forest at 2000 meters (6800 ft) in elevation near Shaver Lake, CA.

All positions can be found at http://usajobs.opm.gov/. Search by series, which is the four digit number after GS. For questions: Contact Sean Eagan (seagan@fs.fed.us), 559-323-3210 or Dr. Carolyn Hunsaker (chunsaker@fs.fed.us), 559-323-3211.

Hydrologic Technician GS-1316-4: Seasonal; closes 4/26. The incumbent installs soil lysimeters, following a specific protocol, on a grid with 150-meter spacing throughout eight watersheds. Shovels out sediment catchment basins and analyzes samples for particle size and organic content. He/she assists with the construction or repair of flumes and instrument sheds. He/she may assist with channel morphology measurements including basic surveying or be a recorder for vegetation surveys. Several positions may be filled.

Hydrologic Technician, GS-1316-6: Seasonal; closes 4/27. The incumbent characterizes stream channel morphology including surveying cross-sections. Adapts protocols designed for large streams so they fit small streams. Constructs flumes, stilling wells, instrument sheds and sampler arms. Calibrates and maintains automated samplers and various stage-recording devices. Assists with a variety of watershed studies including soils, vegetation, air quality and invertebrates.

Hydrologist/Chemist, GS-1315/1320-9: Full-time term; Open approximately 4/6 to 5/11. The incumbent maintains and troubleshoots automated water samplers, stage recording devices, and meteorology stations. He/she analyzes stream and soil water samples that are collected regularly from eight watersheds. He/she designs and maintains careful collection, transport and storage protocols for water samples. The incumbent supervises seasonal and term employees. Successful applicants will be comfortable skiing and snowmobiling to work sites during winter and using a variety of data processing programs.

Scientific Data Manager, GS9; Full-time term. This interdisciplinary position will open in May and close in June. The incumbent will design and manage numerous long-term datasets including meteorology, stream discharge, vegetation, invertebrate and soil data. Previous experience managing large relational databases is required; statistical training is desirable. Some field work required. More details will be available in the next month.
Employment Opportunity at University of California, Irvine.

The Department of Earth System Science (ESS) has an immediate opening for one or more full-time or part-time specialists (junior, assistant, associate or full specialist level depending on qualifications) to support operational and maintenance activities of a large suite of state-of-the-art Earth-System Science instrumentation. In addition to this, there is a need for a skilled person to help with sample preparation at the KCCAMS facility including an Accelerator Mass Spectrometer and a Laser Isotope Ratio Mass Spectrometer (IRMMS). Duties will be varied according to the skills of the individual, but may include running mass spectrometers, all stages of sample preparation, data analysis, assisting and training visitors and new personnel, and some laboratory management. A commitment to a 24-hour work schedule is required.

Applicants should have a B.S. or higher degree in Physics, Chemistry or Earth Science, or equivalent experience in mass spectrometry, particularly IRMMS, as desired. Salary will be commensurate with qualifications and experience, based on University of California salary scales.

A curriculum vitae including names and contact information for three references should be sent to John So Patoki or Sue Trumbore, Dept of Earth System Science, UC Irvine, Irvine, CA 92697-3100; email jsouthe at uci.edu, or strumbo at uci.edu

The University of California, Irvine is an equal opportunity/affirmative action employer committed to excellence through diversity in the workplace.

Consideration of applications will begin in late February and continue until positions are filled.

http://mail.ucr.edu/mailman/listinfo/mac-irms
PARISH Geomorph Ltd is currently seeking qualified and motivated individuals to join their team as a senior fluvial geomorphologist. Candidates should have a graduate degree preferably in fluvial geomorphology or in a related field (i.e. river engineering). Required skills include strong analytical and computational capabilities, competence in various hydraulic analyses and traditional empirical relations (for the determination of threshold values and quantification of physical processes), experience in stream restoration techniques, familiarity with various hydrologic and sediment transport models, air photo interpretation and mapping analyses (preferably using GIS). In addition, the successful individual will have the necessary project management skills to coordinate large, multi-disciplinary projects, as well as being able to direct and guide supporting staff. Along with this educational background, the candidate should have a minimum of 2 years professional experience, and have a professional designation (P.Geo or P.Eng, or be qualified to obtain a P.Geo or P.Eng). This skill set will be applied to a variety of project challenges including restorative channel designs, erosion assessments and channel characterization for planning and monitoring studies.

PARISH Geomorph Ltd. was formally established in 1997 as a consulting firm to provide expertise in the field of geomorphology with an emphasis on the application of fluvial geomorphology. Despite the relatively short time that PARISH Geomorph Ltd. has been offering its services, the firm has gained a solid reputation for "giving reliable insight into fluvial processes that is rooted in current scientific understanding and providing viable solutions to watercourse concerns with the aim of promoting long-term stability and protection of the environment". While applying the principles of fluvial geomorphology to various projects, contributions made by other disciplines (e.g. water resource engineers, biology) are recognized, respected, and integrated wherever appropriate.

PARISH Geomorph Ltd. has completed work on more than 300 watercourses, for which various aspects of fluvial geomorphological investigations have been applied. Typical projects have included subwatershed studies, geomorphologic assessments of channel stability and erosion, stream rehabilitation and stabilization work with a special focus on improving aquatic habitat, natural channel design, planning exercises, and contributions to policy development. In addition to providing consulting services, the firm strives to remain current with the scientific literature, contemporary models, and understanding of...
GIS Positions Available:

GeoSolve Inc. is recruiting for the following positions on a part-time or full-time basis:

GIS Analyst - Experience using GIS software for data creation, conversion and migration, maintenance, process automation and analysis; developing and implementing Personal Geodatabases; converting CAD to GIS based formats. Desired skills in ArcGIS, CAD, VBA/VBA, Oracle, SQL, Access, ArcMS, SDE, and GPS. Requires equivalent to BA/BS in GIS, Computer Science or related field.

GIS Technician - Develops, maintains and coordinates GIS systems including data entry into databases. Strong GIS and/or CAD skills with an emphasis on principles and practices of cartography, surveying including legal descriptions, COGO, and asbuilt drawings.

Both positions require a minimum of two years of hands-on experience working with GIS projects.

Salaries DOQ.

Applicants should submit a detailed resume, with references, to: GeoSolve Inc., "GIS Position", P.O. Box 258, Tangent, OR 97389. Open until filled.
From: Julia Crowe <crowe@ergr.orst.edu>
Sent: Wednesday, March 30, 2005 10:53 am
To: hydro_both@lists.oregonstate.edu
Cc
Bcc
Subject: Fw: US Forest Service Summer Employment Opportunities

----- Original Message ----- 
From: "Stephanie Weber" <stephanieweb@fs.fed.us>
To: <hydro_officers@lists.orst.edu>
Sent: Tuesday, March 29, 2005 3:14 PM
Subject: US Forest Service Summer Employment Opportunities

> Hi,
> My name is Stephanie Weber. I am a Fish/Aquatic Biologist for the US
> Forest Service on the Sierra National Forest near Fresno, CA. I am
> currently in the process of outreach to hydrology students, graduates
> and any interested hydrology people for summer temporary hydrology
> employment opportunities here on this forest.
> I attached a flier for two hydrology positions that are being advertised
> on
> the Sierra National Forest, High Sierra Ranger Station, Prather, CA. The
> jobs will be posted on USAjobs (www.usajobs.opm.gov), and applicants will
> have to apply through a website called AVUE: Anyone interested in
> applying
> for these positions, go to www.avuedigitalservices.com. Follow
> instructions on the AVUE website on how to create a personal profile.
> After your profile has been completed and accepted by AVUE you can apply
> for this job. There also may be a direct link off the USAJobs website to
> AVUE:
> >
> Please print and post or email to anyone who you may think may be
> interested! Please inform your students of this great opportunity!
> Applicants can be currently enrolled in school, graduating or already
> graduated. Housing is available.
> >
> For more information, please contact me at (559) 855-5355 ext. 3343 or
> Rick Hopson, District Hydrologist (and OSU alumni) at (559) 855-5355 ext.
> 3359.
> >
> Please let me know if there is a more appropriate place to display this
> valuable job opportunity information.
> >
> Thank you very much!
>
> Stephanie Weber
>
>>>
> Stephanie Weber
> Assistant Fisheries/Aquatic Biologist
> High Sierra Ranger Station
> Sierra National Forest

http://mail.arc.edu/frame.htm?txtPossible=true&lang=en

3/30/05
JOB ANNOUNCEMENT — OSU STREAM TEAM

POSITION
Summer Temporary Research Assistants
General Stream Ecology
OSU Department of Fisheries & Wildlife

NUMBER
2 positions available

DURATION
Start: June 20 – July 5 2005 (flexible)
End: September 2 – September 23 2005 (flexible)

SALARY
$10.00 per hour

APPLICATIONS
Due Friday, April 15, 2005
Late applications may be accepted if the position is still open.

DESCRIPTION
The successful applicant will participate in a nationwide study using a stable isotope tracer to investigate the fate of nitrate in streams. Field activities will include measuring aquatic and riparian habitat plus collecting water and biological samples. Laboratory duties will include processing and analyzing samples. The research will be conducted forest, agricultural and urban streams in vicinity of Albany and Corvallis, Oregon. Laboratory work will be primarily in Corvallis.

QUALIFICATIONS
Successful applicants must be able to work outdoors in rough terrain for long hours, including some night and weekend sampling. The ability to work independently as well as cooperatively with other crew members is mandatory. Experience with basic chemical laboratory techniques and procedures preferred. Familiarity with stream ecology and sampling techniques desirable but not required. A valid drivers license is required.

CONTACT
For additional information, and to submit applications, please contact:
Linda Ashkenas, Nash 260, 737-1966
Oregon State University, Department of Fisheries & Wildlife
Corvallis, OR 97331-3803
linda.ashkenas@oregonstate.edu

If Linda is not available, please contact:
Dan Sobot, Nash 260, 737-1968, sobotad@onid.orst.edu
Dr. Sherri L. Johnson, USFS FSL 350, 758-7771
sherri.l.johnson@oregonstate.edu

TO APPLY
Applicants should send a letter highlighting their interests and qualifications, a resume (including names and contact information of three references), and an unofficial copy of transcripts with grades received.
Environmental Field Technician (Temporary)

Office
Tacoma

Hours
Part-Time

Position Description
Responsible for ground water sampling. Will document field conditions and write field reports. Will assist in lab and equipment areas when available.

Preferred Qualifications
Strong field orientation and some related field experience. Proven communication skills and strong problem-solving skills. Ability to carry out general instructions, as well as interpret and apply technical information. 40 Hour HAZWOPEP Certification required.

Comment
Position requires frequent out-of-town travel.

Preferred Education
High school education or equivalent with 1-3 years related experience

To submit a resume:
Fill out our Resume Builder. This lets us easily match your capabilities with our requirements. If you are unable to use the resume builder, you can e-mail your resume to:

employment@geoengineers.com

Be sure to specify what position you are applying for

If you are unable to use the Resume Builder or e-mail, you can mail your resume to:

GeoEngineers, Inc.
Attn: Human Resources

http://www.geoengineers.com/job.htm?jobID=704
JOB ANNOUNCEMENT
OSU HYDROGEOLOGY LAB

POSITION Summer Temporary Research Assistant: Stream Hydrology
OSU Department of Geosciences

NUMBER 1 position available

DURATION Start: June 1, 2005 (firm)
End: September 15, 2005 (flexible)

LOCATION Near Jackson, Wyoming

SALARY $10.00 per hour. Housing provided free of charge.

APPLICATIONS Due Monday, March 14, 2005
Late applications may be accepted if the position is still open.

DESCRIPTION The successful applicant will participate in a study sponsored by the National Science Foundation to study the retention of nitrate in streams in and around Grand Teton National Park, Wyoming. Field activities will include assisting in tracer tests, installation of wells, surveying, and collecting water samples. Laboratory duties will include processing and analyzing samples. The research will be conducted in a forest stream, an agricultural stream, and an urban stream in the vicinity of Jackson, Wyoming.

QUALIFICATIONS Successful applicants must be able to work outdoors in rough terrain for long hours, including some night and weekend work. The ability to work independently, as well as cooperatively with other crew members, is mandatory. Experience with basic chemical laboratory techniques and procedures is desirable. Familiarity in stream sampling techniques is desirable but not required. All applicants must have a valid drivers license.

CONTACT For additional information, and to submit applications, please contact:
Roy Haagerty
Dept. of Geosciences
104 Wilkinson Hall
Oregon State University
Corvallis, OR 97331-5506
haagert@geo.oregonstate.edu

TO APPLY Applicants should send a letter highlighting their interests and qualifications, a resume (including names and contact information of three references), and an unofficial copy of transcripts with grades received. Please submit applications electronically.
Hydrologist

SALARY RANGE: GS-5041 - 50541 USD per year
SERIES & GRADE: GS-1315-11

PROMOTION POTENTIAL: none

WHO MAY BE CONSIDERED:
Applications will be accepted from United States citizens and nationals.

OPEN PERIOD: Monday, May 02, 2005 to Friday, May 13, 2005
POSITION INFORMATION: Part-time, KFE 20 hrs per week, hours per week. Term position not to exceed 13 months, may be extended to a maximum of 4 years. This position is on
DUTY LOCATIONS: 1 vacancy - Bryce Canyon Natl Pa

Area Information: Bryce Canyon National Park is located in south central Utah in the heart of Garfield County - a 4,000 square mile region with a population of 4,500 people. At an elevation of 6000-9000 Bryce Canyon's winters are cold, but offer exquisite beauty and serenity. Snowfall amounts vary from 200 inches. Bryce Canyon offers outstanding winter and summer recreational activities. Summer living conditions are near ideal with warm sunny days and cool nights. Small grocery stores, restaurants, service stations, a church and K-12 school are located in Tropic (15 miles) with bus service provided. Nearest medical facilities are in Panguitch (28 miles). More extensive services and amenities can be found in Cedar City (80 miles).

Government housing is available on a bid system.

KEY REQUIREMENTS:
- Background and/or Security Investigation required.

5/13/05
From Tammy Keen <tammykeen@ymail.com>
Sent Thursday, May 12, 2005 3:10 pm
To taylors@wou.edu
Cc
Bcc
Subject Guess who (from GeoSolve Inc)

Good afternoon!

I wanted to thank you for finding that job in Tangent and sending along the info. I've been working here since Monday and things are going great!

My supervisors are still on the lookout for more workers and because they have hired mainly college students and recent graduates, I thought you'd might want to pass this opportunity along to your students. The job info should still be posted on the State Employment Dept website.

Thanks again,

Tammy Keen
JOB ANNOUNCEMENT

OSU HYDROGEOLOGY LAB

POSITION Summer Temporary Research Assistant: Stream Hydrology
OSU Department of Geosciences

NUMBER 1 position available

DURATION Start: June 1, 2005 (firm)
End: September 15, 2005 (flexible)

LOCATION Near Jackson, Wyoming

SALARY $10.00 per hour. Housing provided free of charge.

APPLICATIONS Due Monday, March 14, 2005
Late applications may be accepted if the position is still open.

DESCRIPTION The successful applicant will participate in a study sponsored by the National Science Foundation to study the retention of nitrate in streams in and around Grand Teton National Park, Wyoming. Field activities will include assisting in tracer tests, installation of wells, surveying, and collecting water samples. Laboratory duties will include processing and analyzing samples. The research will be conducted in a forest stream, an agricultural stream, and an urban stream in the vicinity of Jackson, Wyoming.

QUALIFICATIONS Successful applicants must be able to work outdoors in rough terrain for long hours, including some night and weekend work. The ability to work independently, as well as cooperatively with other crew members, is mandatory. Experience with basic chemical laboratory techniques and procedures is desirable. Familiarity in stream sampling techniques is desirable but not required. All applicants must have a valid driver's license.

CONTACT For additional information, and to submit applications, please contact:
Roy Haggerty
Dept. of Geosciences
104 Wilkinson Hall
Oregon State University
Corvallis, OR 97331-5506
haggert@geo.oregonstate.edu

TO APPLY Applicants should send a letter highlighting their interests and qualifications, a resume (including names and contact information of three references), and an unofficial copy of transcripts with grades received. Please submit applications electronically.
*****RECRUITMENT NOTICE*****

U.S.D.A.
U.S. Forest Service
Pacific NW Forest Research Station
Corvallis, Oregon

STUDENT SUMMER EMPLOYMENT

DESCRIPTION:
Position available for one student to assist in long-term studies of hydrology and geomorphology in the mountains of western Oregon. Work is based at the H.J. Andrews Experimental Forest (HJA) near Blue River, Oregon.

DURATION:
June - September 2005 (Starting and ending dates are negotiable.)

DUTIES:
Assist field crew with the operation and maintenance of the small watershed gaging station network at HJA. Duties include construction and repair of gaging stations; calibration, servicing, and repair of instrumentation; measurement of bed load accumulation in catchment basins; calibration of Y-notch weirs; stream cross-section surveys; and the measurement of earth flow movement.

DUTY STATION:
The official duty station is HJA. On-site housing will be provided.

TITLE, SERIES, GRADE, PAY:
Hydrologic Aid, GS-1316-3, $10.52/hr
Hydrologic Technician, GS-1316-4, $11.81/hr

GRADe QUALIFICATION:
GS-3: Applicants must have 6 months of general experience, or 1 year of education above high school with courses related to the occupation.

GS-4: Applicants must have 6 months of general AND 6 months of specialized experience, or successful completion of two years of education above high school with courses related to the occupation.

GENERAL ELIGIBILITY REQUIREMENTS FOR STUDENT TEMPORARY EMPLOYMENT PROGRAM (STEP):

1. Be enrolled in a high school, college, university, or other comparable institution above the high school level as at least a half-time student. Or be accepted for the fall term if working during the summer.

2. Be at least 18 years of age (16 for most office occupations) at the time of appointment.

3. Be in good academic standing and be recommended by a faculty advisor, dean or other appropriate school official.
From: David Wilkins <dwilkins@boisestate.edu>
Sent: Tuesday, February 1, 2005 1:13 pm
To: GEOMORPH-L@LISTSERV.BOISESTATE.EDU
Cc:
Subject: geomorph-l: Project manager positions open

From: Mike Rooney <mrooney@buckengineering.com>

Project Managers
Posted: 01-21-05
Location: Atlanta, GA, Cary & Charlotte, NC

Buck Engineering, a leading environmental engineering firm specializing in stream and wetland restoration, is seeking project managers for its Ecosystem Restoration Teams in the Atlanta, Charlotte and Cary, NC offices. The Buck team has built a strong reputation as a technical leader by providing our clients with innovative, successful design solutions and responsive, high quality service.

Candidates must have at least a BS degree in Engineering, Environmental Science, Geology, Soil Science, or related discipline and at least 3 years of related work experience. The ideal candidate will have a professional license, a passion for the work they do, have implemented successful restoration designs, be comfortable working in a team environment, and be considered one of the best and brightest in their respective field.

Buck is committed to employee growth and offers an excellent compensation and benefits package, including 401(k) and bonus programs. Please visit our website at buckengineering.com to submit your resume or fax it to 919-463-5490.

http://www.buckengineering.com/employment/jobs/projTeamAppCharlotte.html

Mike Rooney
Buck Engineering
8003 Regency Parkway, Suite 200
Cary, North Carolina 27511
Direct: 919.459.9634
Main: 919.463.5488
Fax: 919.463.5490
http://www.buckengineering.com

******************************************************************************
David E. Wilkins
Assistant Professor of Geosciences
Boise State University
1910 University Drive
208-426-2390 voice
208-426-4061 fax

http://mail.wou.edu/~fram.html?nfPossible=true&lang=en

2/1/05
From: Faustini.John@epamail.epa.gov
Sent: Thursday, April 14, 2005 10:07 am
To: hydro_both@lists.oregonstate.edu
Cc:
Bcc:
Subject: Summer job opportunity: stream surveys

Summer Employment Opportunity

Field Technician – Stream Surveys

Full-Time ($10-12/hr DOQ)

July 1 – Sep. 9 (approx.)

Position Description:

Two field technicians are needed to conduct stream physical habitat surveys as part of a multi-agency Protocol Comparison Study in the John Day Basin of eastern Oregon. Employment period will be for 10 weeks beginning in late June or early July. (Some flexibility in work schedule may be possible to accommodate individual needs.) Applicants should have a valid driver’s license, an interest in natural sciences, and must be in good physical condition and able to hike several miles over uneven terrain and along stream channels. Attention to detail and ability to make consistent, careful field observations and measurements and record them legibly is essential. Previous course work and/or experience in fisheries biology, aquatic ecology, watershed science, environmental science, or related fields is desirable. Field work will include one week of training in the EPA’s Environmental Monitoring and Assessment Program (EMAP) physical habitat sampling protocol in the Corvallis area followed by 4-6 weeks of sampling in the John Day Basin. Additional field work will be conducted in the Corvallis area and/or in streams in the Coast Range or Cascades. Field work outside the Corvallis area will involve a combination of camping and lodging in motels or other fixed accommodations. Project may also involve some office and/or laboratory work (data/sample processing) in the Corvallis area. To apply, send resume, unofficial transcripts, two references including phone number, and a brief cover letter outlining your qualifications via email or campus mail to the address below. Application deadline: April 27.

Contact: Dr. John Faustini
Dept. of Fisheries & Wildlife
Campus mail address: EPA phone: (541) 754-4581
email: faustini.john@epamail.epa.gov

hydro_both mailing list
hydro_both@lists.oregonstate.edu
http://lists.oregonstate.edu/mailman/listinfo/hydro_both

To unsubscribe, send a message to:
hydro_both-leave@lists.oregonstate.edu.

http://mail.wou.edu/frame.html?rtPossible=true&lang=en

4/14/05
IMMEDIATE JOB OPPORTUNITY:
PART-TIME / FULL TIME

Gis Technician (Using Arcview / Arcgis 9.0)
Oregon Dept. Of Forestry, Salem

Up To 5-6 Months of Contracted Work

Full-Time Equivalent Salary = $2104/Mo
No Benefits; Flexible Hours

A Good Resume Builder And Opportunity For Technical Experience

See Dr. Taylor For Details.
THE CITY OF SALEM ANNOUNCES
A SUMMER EMPLOYMENT OPPORTUNITY FOR
ENVIRONMENTAL OR NATURAL RESOURCES STUDENTS

APPLY NOW FOR:
PUBLIC WORKS INTERN:
Stream Maintenance Operations Team
(Part-time exempt) limited to less than 1,200 hours/calendar year

SALARY: $10.52 / hour

WORK HOURS: 7:00 a.m. to 3:30 p.m. with a 30-minute lunch break and
two 15-minute breaks

WORK LOCATION: In and around stream bank areas along waterways within the City of Salem.

WORK DESCRIPTION: This is part-time summer work as a crew member cleaning banks along waterways
within the City of Salem. The work is primarily outdoors in all types of weather and
requires the ability to safely move over rough terrain. Crew members will cut brush, trim vegetation, and remove non-habitat material from streams and creeks, for the purpose of enhancing natural conditions and reducing flood hazards.

EQUIPMENT USED: Hand tools, shovels, rakes, pruners, shears, weed eaters, and chain saws. May operate
a motor vehicle requiring a Class C Oregon Driver’s License (with acceptable driving record).

HOW TO QUALIFY:
Must have current standing as a graduate or undergraduate student with major course
work in environmental studies, natural resources, geology or related field.
Must work cooperatively with others in a team environment.
Must follow directions and be a self-starter.
Must be punctual on a daily basis and be prepared to work in inclement weather (no
closed-toed shoes and long pants)

HOW TO APPLY:
Go to http://www.cityofsalem.net/openings/
and complete the City of Salem employment application form, and
Respond to the following questions and submit them with your completed application
by the closing date. Responses must be in typewritten form and not exceed two
pages total.

1. Give a brief description of your ability to work effectively as a team member.

2. Effective communication is crucial in this position. Describe the qualities you have that make you a good
communicator.

3. From your past experiences, what do you think qualities you to perform the work of a Public Works Intern as part of the
stream cleaning crew? Please be specific.

4. Provide two professional references including name, address, telephone number and current contact information for
each

RETURN YOUR COMPLETED APPLICATION AND SUPPLEMENTAL QUESTIONNAIRE TO:
CITY OF SALEM, PERSONNEL DEPARTMENT
555 LIBERTY STREET SE, ROOM 225
SALEM, OR 97301

CLOSING: May 20, 2009
*****RECRUITEMENT NOTICE*****

U.S.D.A
U.S. Forest Service
Pacific NW Forest Research Station
Corvallis, Oregon

STUDENT SUMMER EMPLOYMENT

DESCRIPTION:
Position available for one student to assist in long-term studies of hydrology and geomorphology in the mountains of western Oregon. Work is based at the H.J. Andrews Experimental Forest (HJA) near Blue River, Oregon.

DURATION:
June - September 2004 (Starting and ending dates are negotiable.)

DUTIES:
Assist field crew with the operation and maintenance of the small watershed gaging station network at HJA. Duties include construction and repair of gaging stations; calibration, servicing and repairs of instrumentation; measurement of bedload accumulation in catchment basins; calibration of V-notch weirs; stream cross-section surveys; and the measurement of earthflow movement.

DUTY STATION:
The official duty station is HJA. On-site housing will be provided.

TITLE, SERIES, GRADE, PAY:
Hydrologic Aid, GS-1316-3, $9.99/hr
Hydrologic Technician, GS-1316-4, $11.22/hr

GRADE QUALIFICATION:
GS-3: Applicants must have 6 months of general experience or 1 year of education above high school with courses related to the occupation.

GS-4: Applicants must have 6 months of general and 6 months of specialized experience, OR successful completion of 2 years of education above high school with courses related to the occupation.

GENERAL ELIGIBILITY REQUIREMENTS FOR STUDENT TEMPORARY EMPLOYMENT PROGRAM (STEP):

1. Be enrolled in a high school, college, university, or other comparable institution above the high school level as at least a half-time student. Or be accepted for the fall term if working during the summer.

2. Be at least 16 years of age (16 for most office occupations) at the time of appointment.

3. Be in good academic standing and be recommended by a faculty advisor, dean or other appropriate school official.
I am attempting to locate a candidate to compete for the position of watershed specialist on my staff (the Resource and Planning Staff) of the Cleveland National Forest in San Diego. A qualified candidate should have a degree in soil science, civil engineering, one of physical earth sciences (such as geology), or an inter-disciplinary natural or environmental science background that includes watershed management. Several years of field experience in the restoration of small-scale watersheds (particularly following wildland fire) and strong communication skills (especially report writing) are essential; database management and/or GIS (geographic information system) skills would be an asset.

Please review your rosters of graduate students and alumni for individuals who might be interested in a full-time permanent position as the watershed specialist for the Cleveland National Forest.

What is the Cleveland National Forest? As one of the 150 National Forests within the Forest Service (part of the U.S. Department of Agriculture), the Cleveland National Forest is responsible for managing the natural resources, facilities, and public uses on almost 500,000 acres of land in southern California.

Forest programs consist of land protection (wilderness areas and habitat for federally listed threatened and endangered plant and animal species), land conservation (erosion control and mitigation, vegetation management for forest health and to reduce risk of wildfires, etc.), public use (campgrounds, picnic areas, hiking and equestrian trails, off-highway vehicle trails, etc.), and use by authorized permit (sparries, water conduits, livestock grazing, firewood gathering).

The Resource and Planning Staff consists of the primary natural resource specialists on the Forest and we provide technical support and program planning throughout the Forest. In addition to the watershed specialist, the staff consists of a biologist, a botanist, an environmental coordinator, GIS coordinator, and planner. Other program areas assigned to the staff include: geologic resources, timber management (silviculture and reforestation), forest health (insect and disease control of timbered lands), livestock grazing, and noxious weed management.
Hydrologist. The Walla Walla Basin Watershed Council is seeking to fill the position of hydrologist. The permanent full-time position will provide field and office support for the WWBWC's staff hydrologist. Field work will include assisting in the year-round operation of an network of monitoring stations. Office work will include equipment maintenance and calibrations, data management, data analysis and some watershed modeling. A college degree or certification in water studies, engineering, hydrology, water quality or natural resources is preferred but substantial experience working in natural resources may be adequate. The ideal applicants will have their own vehicle, be dependable and have the ability to work well with the WWBWC team and citizens of the community.

Please send the following application materials: (1) a cover letter explaining your interest in the position, (2) resume and (3) list of professional reference contacts to:

Walla Walla Basin Watershed Council
P.O. Box #68
Milton-Freewater, OR, 97862

The application deadline is May 16th, 2005 at 5:00 pm. Please no phone calls prior to the application closing date. For more information about this position and the WWBWC, www.wwbwarc.org. The position will remain open until filled. The WWBWC is an equal opportunity employer.
Forwarded message from "Janet S. Nishihara" <nishihaj@onid.orst.edu> 

Date: Tue, 14 Jun 2005 16:22:20 -0700 (PDT)  
From: "Janet S. Nishihara" <nishihaj@onid.orst.edu>  
Reply-To: "Janet S. Nishihara" <nishihaj@onid.orst.edu>  
Subject: [eopnews] GIS position in Forest Service  
To: eopnews <eopnews@lists.orst.edu>  

EARLY ALERT AND OUTREACH NOTICE

Geographer (GIS Analyst)  
(GS-0150-11)

Position Description: The USDA Forest Service, Pacific Northwest Research Station, Wildlife Ecology Team anticipates filling a Term (NTE 24 months), full-time Geographer/GIS Analyst position at the GS-11 level (starting annual salary is about $52,717). The position will be located in Olympia, Washington.

The incumbent will provide expert GIS support for acquisition and analysis of spatial and temporal data for a variety of wildlife research projects including: landscape-scale habitat relations of piliated woodpeckers in coastal forests of western Washington, and habitat relations of fishers at multiple spatial scales in the southern Oregon Cascades. The Wildlife Ecology Team uses ESRI's ArcInfo Workstation and ArcGIS software suite, and several professional statistical software programs (e.g., SPSS, SAS).

The position requires skill in developing geospatial analysis and modeling procedures, and skill in analyzing raster-based natural resource data using both ArcGIS applications and ArcInfo Workstation original scripts.

The Wildlife Ecology Team is part of the Pacific Northwest Research Station’s Ecosystem Processes Research Program (http://www.fs.fed.us/pnw/about/programs/ecop/index.shtml), and is based out of the Olympia Forestry Sciences Lab in Olympia, Washington. The Team’s research focuses on the ecology, management, and conservation of sensitive wildlife species (http://www.fs.fed.us/pnw/olympia/wet/index.htm).

Community Information: Olympia is located along the southern shores of Puget Sound about 60 miles south of Seattle, Washington and 110 miles

http://waail.wou.edu/fwme.html?rtrPossible=true&lang=en  

6/15/05
The REU (Research Experience for Undergraduates) program, which is funded by NSF, provides an opportunity for full-time undergraduates majoring in geology, geophysics, physics, or related physical science programs to gain research experience in Solid Earth Geophysics. The program is only open to undergraduate students who will not graduate before September of 2004 and are U.S. citizens or permanent residents of the U.S. Twelve positions will be available.

Students will be assigned to work in one of three 4-member project teams under the supervision of a project team mentor and will develop a research project that can be completed during the summer. Each project team will have a research emphasis. Team 1 will have an emphasis in Seismology and Deformation in Alaska, team 2 will have an emphasis in Geochronology, Petrology and Volcanology in Alaska, and team 3 will have an emphasis in Remote Sensing in Alaska. Research fields include seismology, volcanology, palaeomagnetism, geochronology, geochemistry, geodesy, structural geology, tectonics and sedimentation, glacier, permafrost and sea ice studies, and remote sensing.

The successful applicants will work 40 hours per week for approximately 10 weeks and will be paid $9.75 per hour. A portion of the travel expenses will also be paid. Campus housing is available.

Requests for further information and applications should be directed to Dr. Doug Christensen, Geophysical Institute, University of Alaska Fairbanks, P.O. Box 757320, Fairbanks, AK 99775-7320, Tel. 907-474-7426; e-mail correspondence is preferred, interna@gi.alska.edu. Applications can be downloaded from our web site at http://www.gi.alska.edu/Seis/interns/interns/. Find out more about the Geophysical Institute on our home page at http://www.gi.alska.edu/.

Deadline for receipt of applications for the summer of 2004 is March 1, 2004. The University of Alaska is an equal opportunity/affirmative action employer. Women and minority students are especially encouraged to apply.
From: William Locke <wlocke@montana.edu>
Sent: Sunday, January 25, 2004 12:47 pm
To: geomorph-l@listserv.montana.edu
Cc: 
Subject: REU in GIS and Soil/Water, Oklahoma State

Program: Research Experiences for Undergraduates in GIS and Soil/Water Resources
Sponsors: National Science Foundation and Oklahoma State University

We would be very grateful if you could bring the following information to the attention of undergraduate students interested in applications of GIS to water or soil research. We will be inviting ten undergraduate students to Oklahoma State University to work one-semester with OSU researchers in soil or water resource research involving GIS. Student participants will receive a $270/week stipend, lodging, some meals and travel expenses from Stillwater for 2 months beginning June 7, 2004. Students must be U.S. citizens in their junior or senior year and will be selected on the basis of their GPA and experience/coursework involving soil or water resources and GIS.

Additional information, including application forms, can be found at: www.geog.okstate.edu/reu

Thanks in advance for your consideration.

Thomas A. Weake and Michael D. Mivers, Project Directors
REU in GIS and Soil/Water Resources
Department of Geography
Oklahoma State University
Stillwater, OK 74076
(405) 744-5866
greglaw@okstate.edu

Spend the Summer Conducting Research on the Chesapeake Bay. Travel, housing and a $3600 stipend are provided through Maryland Sea Grant by this NSF funded Research Experience for Undergraduates fellowship. In the 12-week program (May 24 - August 16, 2004), 14 students each work with a scientist mentor on a research project. Students live at either the Chesapeake Biological Laboratory or Horn Point Laboratory. Students majoring in such fields as biology, chemistry, physics, ecology, engineering and marine and environmental science are encouraged to apply. Details and applications available at www.mdsug.umd.edu/Education/REU. Applications Due: February 17, 2004.
REQUEST FOR QUALIFICATIONS

Partnership Coordinator

You are invited to submit a Letter of Qualifications to become eligible for an interview for a contracted grant-funded position as the Partnership Coordinator for the Northwest Oregon Invasive Weed Management Partnership. The contract is overseen by Cascade Pacific RC&D Area, Inc. (CPRCD) in cooperation with the Partnership’s Steering Committee. The coordinator will develop and support cooperative weed management areas, weed working groups, and the Partnership’s Advisory Group. The coordinator will seek funding for regional initiatives and help local partners implement their weed inventory, control and outreach/education activities. The coordinator will maintain, build and strengthen a network of relationships between local, regional, state, and national organizations.

Scope of Work

1. Work with Partnership
   • Convene and facilitate Advisory Group meetings and field tours
   • Help Steering Committee revise Strategic Plan as needed and develop yearly Operating Plan
   • Maintain involvement of current partners and encourage new partners (especially industry)
   • Participate in regional weed working groups and help them be successful

2. Public Outreach
   • Maintain regular communication among members
   • Help partners plan and implement education, outreach and training activities
   • Communicate the priorities of local partners to state agencies

3. Cooperative Weed Management Areas (CWMA)
   • Help existing CWMAs become independent
   • Help new CWMAs form, write management and operating plans, and have MOUs signed
   • Work towards the establishment of county weed control districts where they do not currently exist

4. Secure Funding
   • Help local partners find grant opportunities and write applications
   • Apply for grants to support regional initiatives and the Partnership Coordinator position
   • Work to gain direct financial support from agencies and local government

5. Project Administration
   • Manage regional weed control/eradication projects as funded:
     o Operate implementation of existing knotweed contracts with partners
     o Modify or create new contracts as needed
     o Collect reporting data and prepare reports for funding sources
     o Manage a Partnership inventory database
   • Prepare monthly, quarterly and annual contract reports for CPRCD

Minimum Qualifications include:

1. Bachelor’s degree in a natural resource science or related field. Masters degree preferred.
2. Project management experience: ability to create and manage project budgets and schedules.
3. Grant application and report writing experience and skills.
4. Ability to work independently and to assume a leadership role.
JOB ANNOUNCEMENT

OSU STREAM TEAM

Summary: Temporary Research Assistant; General Stream Ecology
OSU Department of Fisheries & Wildlife
1 position available

Start: June 24 / July 1 2004 (flexible)
End: September 17 / September 24 2004 (flexible)

SALARY $11.00 per hour

APPLICATIONS Due Friday, April 9, 2004
Late applications may be accepted if the position is still open.

The successful applicant will participate in a nationwide study using a stable isotope tracer to investigate the fate of nitrate in streams. Field activities will include measuring aquatic and riparian habitat, collecting water and biological samples. Laboratory duties will include processing and analyzing samples. The research will be conducted in an old-growth forest stream in the U.S. Andrews Experimental Forest, an agricultural stream in the McKenzie River drainage, and an urban stream in the vicinity of Eugene, Oregon. Laboratory work will be primarily in Corvallis.

Successful applicants must be able to work outdoors in rough terrain for long hours, including some night and weekend sampling. The ability to work independently, as well as cooperatively with other crew members, is mandatory. Experience with basic chemical laboratory techniques and procedures is preferred. Familiarity in stream sampling techniques is desirable but not required. All applicants must have a valid driver's license.

For additional information, and to submit applications, please contact:

Linda Ashkenas, Nash 260, 737-1966
Oregon State University
Department of Fisheries & Wildlife
Corvallis, OR 97331-3903
linda.ashkenas@oregonstate.edu

If Linda is not available, please contact:

Dan Schola, Nash 282, 737-1868
dan.schola@oregonstate.edu

Applicants should send a letter highlighting their interests and qualifications, a resume (including name and contact information of three references), and an unofficial copy of transcripts with grades received.
SUMMER FIELD RESEARCH OPPORTUNITIES IN LANDSCAPE EVOLUTION

Beginning this summer (2005) Mesa State College will host a National Science Foundation's Research Experience for Undergraduates program entitled "A Field-Based Study of Landscape Evolution in Western Colorado." The program will provide 12 undergraduate students who are in the early stages of their research careers (sophomore or junior standing in the Fall of 2005 preferred; exceptions may be made) to conduct field-based research in western Colorado. The program will be for 8 weeks (May 17–July 13), and will involve ~ 6 weeks of field work and attendance at the Rocky Mt Section Geological Society of America (GSA) meeting (May 23-25) and ~ 2 weeks of GIS data compilation. Students will present the results of their research following the summer field work (see below).

Each student will receive a weekly stipend ($2400 for the 8 wk period), housing, a meal allowance, and round-trip travel to and from Grand Junction, CO. Students will also receive a travel allowance to attend several professional meetings. All 12 student participants will attend the 2005 Rocky Mt Section Geological Society of America meeting in Grand Junction (May 23-25; hosted by Mesa State) as well as several of the meeting field trips. We will use the GSA meeting in Grand Junction as a "springboard" to provide students with background on the current research questions and techniques, and opportunities to meet the people doing the research. By the end of the meeting, students will have a good idea of which project they will want to work on, and the meeting will be immediately followed by the REU field season. We will ultimately expect student participants to present the results of their own summer research (probably in small group presentations) at next year's (2006) Rocky Mt Section Geological Society of America meeting in Gunnison, CO. Your travel to this 2nd meeting will also be paid for up to $600. Lastly, this is a 3-yr program, and we will have the student participants from all 3 years (~ 36 students) attend the 2008 Rocky Mt Section Geological Society of America meeting where the entire group of REU students will have the opportunity to synthesize and present their results. Travel to this 3rd meeting will also be paid for up to $400 (total of up to $1400 for up to 3 meetings).

Field work each summer will involve a combination of geological mapping, field observations, stratigraphic studies, and GPS surveys. Other techniques will be employed depending on the project. Most of the work will be done using topographic maps and aerial photographs (digital). When not in the field, student participants will be housed in one of Mesa State’s dormitories and meals will be available in the main cafeteria. Students will also have most weekends available to visit the region. Grand Junction is close to many great areas such as Canyonlands/Arches NP, the San Juan Mountains, etc.

Details of the Mesa State REU program and application materials are available at:
http://www.mesastate.edu/msreu

The application deadline is March 25.

For questions, please contact Andres Aslan (aaslan@mesastate.edu; 970-248-1614).
Job Opportunity. Additional information can be obtained by contacting Scott Miller (millerf@vsi.edu) of the Voinovich Center.

Ohio University (http://www.ohio.edu)

Voinovich Center for Leadership and Public Affairs
(http://www.voinovichcenter.ohio.edu)

Fluvial Geomorphologist

$38,000 - $43,144 - GRANT - FUNDED

MINIMUM QUALIFICATIONS REQUIRED:
B.S. degree (M.S. and Ph.D. preferred) in geology, geography, civil engineering or related field. One to four years of relevant professional experience, supported by coursework and training in hydrology, fluvial geomorphology, soils, geology, hydrogeology, engineering, watershed processes, and hydraulic modeling. Willingness to undertake field research. Willingness to work with students and faculty in an academic setting. Excellent oral, written, and presentation skills. Strong proficiency in Microsoft Office Word and Excel. Strong client orientation.

DESIRED QUALIFICATIONS:
Knowledge of AutoCAD, GIS applications and HEC-RAS modeling advantageous. An ability to understand and communicate floodplain dynamics and natural channel design techniques will be important ability to simultaneously work on and manage multiple tasks/projects.

RESPONSIBILITIES:
The fluvial geomorphologist will utilize quantitative methods to study debris flows through desktop and field driven methods in support of projects for external partners and stakeholders. The position’s primary responsibility will be the development and implementation of customized erosion inventories and sediment budgets for watershed assessments and planning as well as to provide a comprehensive assessment to prepare restoration projects. Qualified candidates will exercise project management skills including developing proposals, budgets, and timelines; managing quality control; and ensuring that deliverables are met. Finally, the candidate will be an experienced and enthusiastic leader, working collaboratively with other project staff and stakeholders.

To assure consideration send salary requirements, resume or CV, three

http://sundown.wou.edu/21/msg_fs_lr.html?&security=false&lang=en&cal=1&charset=esca... 9/1/2005
From: David Wilkins <dewilkins@boisestate.edu>
Send: Friday, April 30, 2004 4:36 pm
To: GEOMORPH-L@LISTSERV.BOISESTATE.EDU
Cc:
Subject: geomorph-l: MS research opportunity

From: "Stephen Kenworthy" <stephen.kenworthy@wku.edu>

MS research opportunity in fluvial sediment transport in karst systems:

A one-year student research assistantship is available from the Graduate Program in Geosciences at Western Kentucky University, Department of Geography and Geology (www.wku.edu/geoweb/). Funding for an additional year of student support is possible. The project involves identifying fine sediment source areas and patterns of fine sediment storage in the Upper Green River of Kentucky. The Green River is one of the most biologically rich fluvial systems in North America and drains the central Kentucky karst system that includes Mammoth Cave National Park. Research activities will include field surveys of sediment deposits and channel morphology and GIS analysis of benthic characteristics and land use. Students interested in geomorphology and river ecosystems are encouraged to apply. Field experience and/or GIS skills are highly desirable.

For more information contact Dr. Stephen Kenworthy at the Department of Geography and Geology, Western Kentucky University. Email: stephen.kenworthy@wku.edu, Phone: 210-745-5981.
Hi Folks,

I'm looking for a person who would like to spend the summer working at OSU and in Milton Freewater. This position would be focused on setting up a field measurement system and land-use GIS coverages to estimate basin ET. Compensation: $2500 for the summer (sorry: we do our best!).

Understanding of basic hydrology and demonstrated ability to work with your hands would be essential, and some GIS experience very helpful. Ability to work with the local farmers and staff also key.

Please contact me if this is of interest, and feel free to share this message with other folks who might be interested.

John Selker
Professor, Bioengineering
rm 210 Gilmore Hall
Oregon State University
Corvallis, OR 97331-2906
Office Tel: 541-737-6306
Department FAX: 541-737-2082
Office email: selkerj@engr.orst.edu
Home Tel: 541-757-9025
Home email: selkerj@peak.org
RECRUITING ANNOUNCEMENT
for 5
Graduate Student Research Assistants


RATE OF PAY: $16.45 hourly, approximately 40 hours per week until September, 2004, at which time positions are approximately 20 hours weekly.

POSITION DURATION: June 14th - December 15th, 2004. Preference will be given to those applicants who can commit to both the summer full-time work phase and the autumn part-time work phase.

The Northwest Fisheries Science Center (NWFSC) and Alaska Fisheries Science Center (AFSC) are providing the National Marine Fisheries Service (NMFS) with fishing community profiles and demographic research. Graduate students and recent graduates will be employed through the Oak Ridge Institute for Science and Education (ORISE) employment and stipend program to work on this project. Available positions are therefore not permanent federal appointments.

DUTIES:
1. Assist NWFSC and AFSC anthropologists in conducting research on communities involved in federal fishing along the North Pacific and Pacific coasts.
2. Compile demographic data from the Census and other sources; and analyze quantitative and qualitative social indicators.
3. Conduct additional research as needed; write reports summarizing and analyzing research findings.

QUALIFICATIONS:
1. Undergraduate level training equivalent to a Bachelor's degree from an accredited four-year institution.
2. Some graduate-level training in anthropology, sociology, geography, or marine affairs, or equivalent work experience, or previous work on NMFS social science projects.
3. Experience with Internet searching, and basic computer programs such as Word or WordPerfect, and Excel. Experience with or ability to quickly learn additional software applications such as databases, GIS, desktop publishing, SPSS, and graphics processing.
4. Ability to contact local officials by telephone or e-mail, to present the project and its goals succinctly, and to obtain
From: Margaret Guccione <guccione@UARK.EDU>
Sent: Thursday March 4, 2004 6:32 pm
To: QUATERINARY@MORGAN.UCS.MUN.CA
Cc: 
Bcc: 
Subject: Undergraduate Research Opportunities

Please share the following message with undergraduate students and other faculty in your respective departments.

Thanks for your help!

Peggy Guccione

The Department of Geosciences at the University of Arkansas is pleased to announce availability of a number of Research Experiences for Undergraduates sponsored by the National Science Foundation for Summer 2004.

Details of this program are available online at http://www.uark.edu/depts/geology/geos-reuinfo.htm

There is also an online application form at http://www.uark.edu/depts/geology/geos-reuonlineapp.htm

Earth science and geoscience majors are invited to apply. Students are expected to be in residence in Fayetteville, Arkansas for 8-10 weeks during the summer where they will be engaged in active field research projects with a number of geosciences faculty. Field research areas include the Caribbean island of Dominica, Yellowstone National Park, eastern Missouri (St. Louis area), the Ozark Mountains of Arkansas and Missouri, the Mississippi Delta of Arkansas, and eastern Oklahoma.

Students will receive a stipend of $4,400 for the summer as well as $330 travel allowance to present research results at a regional or national science conference of their choice. Students will also register for a 1-hour research course at the University of Arkansas.

This is an excellent opportunity for undergraduate students to gain practical research experience that will serve them well in the geosciences professions or as they consider advanced study in graduate school.

Deadline for receipt of all application materials is 2 April 2004. Applicants will be notified of selection to participate on 7 April 2004. Applications from qualified students who are members of under-represented groups are especially encouraged.

Inquiries may be directed to:

Dr. Margaret Guccione (guccione@uark.edu)
REU Coordinator
Dept. of Geosciences
113 Ozark Hall
University of Arkansas
Fayetteville, AR 72701
PH: 479-575-3355 Voice
PH: 479-575-3469 FAX

http://mail.wou.edu/frame.html?rfpPossible=true 3/5/04
Environmental Protection Agency

Vacancy Listing Report

Vacancy Number: RTP-OT-2004-0013
Vacancy Description: Student Temporary Summer Program – Corvallis / Newport

# Vac/Duty Loc 1: 6, Corvallis, OR
# Vac/Duty Loc 2: 1, Newport, OR
# Vac/Duty Loc 3:
Series/Grade: GS-0404-05/07
Hiring Agency: Environmental Protection Agency

Contact Information: Barbara Howard, 800-433-9633, barbara.woody@epa.gov
Promotion Potential: GS-07

Date Opened: 3/15/04 Date Closed: 3/26/04
Salary: $26,699 .42993

Information:

This announcement is for SUMMER EMPLOYMENT not to exceed September 30, 2004.

All positions will be filled as excepted service appointments.

Positions which may be available:
- Biological Science Laboratory Technician
- Biologist
- Ecologist
- Physical Scientist

Grade: Grades range from GS-05 to GS-07. Grades will be determined after selection, based on qualifications.

Positions are also available at the other locations listed below, but you will need to apply separately in E2Hire, for each location.

- Gulf Breeze: Announcement # RTP-OT-2004-0010
- Duluth, MN: Announcement # RTP-OT-2004-0011
- Narragansett, RI: Announcement # RTP-OT-2004-0012

ABOUT THE EPA (ENVIRONMENTAL PROTECTION AGENCY): Our mission is to protect human health and to safeguard the natural environment – air, water, and land – upon which life depends. For 30 years, EPA has been working for a cleaner, healthier environment for the American people. For more information, go to: <a href="http://www.epa.gov/environment/aboutepa.htm">EPA</a>.

WHO CAN APPLY:

Applications will be accepted based on the following eligibilities:

QuickHire®: Evaluate the People, Not the Paper. All Rights Reserved.

Date: 3/10/04
JOB OPPORTUNITY
The Confederated Tribes of Grand Ronde
PO Box 10
47010 SW Hebo Road
Grand Ronde, OR 97347
(503) 879-2424

The Natural Resources Division of The Confederated Tribes of Grand Ronde seeks summer interns for the Environmental Resources/Water Quality programs. The positions are designed for the purpose of supporting the Environmental Resources/Water Quality staff.

Summer Internships
510-12/ Hour, Monday - Friday 8:30 - 4:30
Approximately 3-6 months (depending on funding)
Starting in mid-May 2004
(1-2 positions)

Closing Date: April 30, 2004

Duties: Stream habitat surveys, stream flow monitoring, water quality testing, and other natural resource related projects.

Qualifications: Must be working toward or have received a bachelor's degree in an environmental, fish and wildlife, or other natural resource related program. Must have ability to work outside in rugged forest terrain in varying weather conditions. Must be able to work in the Grand Ronde area (located in the foothills of the Coast Range approximately 30 minutes northwest of Salem or 30 minutes southwest of McMinnville). Experience in natural resources related work is strongly preferred but not required.

Requirements: Work boots, valid driver's license and a safe driving record. Waders will be provided. Must successfully complete a pre-employment background check and drug test.

To apply: Complete a Confederated Tribes of Grand Ronde employment application and return to Rod Thompson, The Confederated Tribes of Grand Ronde, P.O. Box 10, Grand Ronde, OR 97347, by the closing date. Applications may be obtained at http://www.grandronde.org, by then clicking on employment and application. If you have questions or need an application sent to you please call Rod at (503) 879-2385, or Brandy at (503) 879-2423.
March 30, 2004

MEMORANDUM

SUBJECT: EPA Summer Opportunities Website

FROM: Rafael DelaLeón, Director IS/Offices of Human Resources and Organizational Services

TO: All EPA Employees

I am pleased to inform you that the website, EPA Summer Opportunities for Students, is now up and running. The site provides a central web portal through which students may enter to learn about EPA programs and offices and summer employment opportunities. Having a central portal will make it easier for students to find information about specific areas in which they would like to work. They also will be able to submit a job application directly to the EPA location that has a vacancy.

The EPA Jobs website is located at:

http://www.epa.gov/epagroups/epahome/jobs.htm The direct link to the Summer Student Employment Opportunities website is:

http://www.epa.gov/hrp/ps/student The Summer Student Employment Opportunities website will be available until June 5, 2004. The Office of Human Resources will provide supporting services by maintaining the website, collecting applicants and hiring data, and evaluating the process at the end of each summer. The EPA Summer Opportunities for Student website is a wonderful new hiring tool that will be useful for students looking for summer work and EPA offices who have summer vacancies to fill.

If you have any questions about our summer hiring program, please call Cinthia Gregory at 302-564-7903.

Geologist. Geomatrix Consultants, Inc. an employee owned firm providing comprehensive consulting services, has an opening for Geologist (Staff Eng.) in our Fresno office. Please send resume to Geomatrix Consultants Inc., C. Baldwin, 244 Main Street, Suite 215, Fresno, CA 93721. Fax 559-264-7431 or email cbaldwin@geomatrix.com. EOE.
Natural Resources Conservation Service

Vacancy Announcement

NON-STATUS (DEU) VACANCY ANNOUNCEMENT

VACANCY ANNOUNCEMENT NUMBER: NRCS-04-227B

TYPE OF APPOINTMENT & WORK SCHEDULE: Career / Career Conditional Full time

POSITION TITLE, SERIES AND GRADE: Hydrologist / GS 1315 -5 / 7

SALARY: GS 5: $27,030.00; GS 7: $33,481.00

OPENING DATE: January 20, 2004

CLOSING DATE: February 20, 2004

APPLICATIONS MUST BE RECEIVED IN THE HUMAN RESOURCES OFFICE BY THE CLOSE OF BUSINESS (4 p.m.) ON: February 20, 2004

THIS POSITION HAS PROMOTION POTENTIAL TO: GS 9

THE DUTY LOCATION AND ORGANIZATION: 1 position in Portland, Oregon

"The Natural Resources Conservation Service provides leadership in a partnership effort to help people conserve, maintain, and improve our natural resources and

http://jobsearch.usajobs.opm.gov/getjob.asp?JobID=20503120&AVSDM=2004%2D01%2D20+00%3A01%3A00&Logo=0&col=di... 2/2/04
FYI, in case things aren’t politically charged enough in your life.

John

-----Original Message-----

From: Tarrant, Kim [mailto:kim.Tarrant@oregonstate.edu]
Sent: Wednesday, January 14, 2004 8:58 AM
To: OES State
Subject: Vacancy: Klamath County Watershed Council Coordinator

POSITION ANNOUNCEMENT # 018-987

POSITION: Extension Faculty, Watershed Council Coordinator
(1.0 FTE)

RANK: Professional Faculty

TENURE: Fixed Term

POSITION AVAILABLE: Immediately

APPLICATION DEADLINE: February 4, 2004

LOCATION: Klamath County (Klamath Falls)

BACKGROUND INFORMATION

Klamath County, Oregon, is located just east of the Cascade Mountains and just north of the Oregon-California Border. In area, Klamath County is the fourth largest county in Oregon. Klamath Falls (pop 18,080), the county seat and largest city, is located in the south central portion of the county at an elevation of 4100 feet. Klamath Falls sits on the southern shore of Upper Klamath Lake, the largest body of fresh water in the northwest covering 133 square miles. Klamath County is an extremely diverse area. Geographically, it straddles from the snow-capped mountains in the west to the high desert country in the east. Economically, lumber and agriculture, which drew most of the early settlers to the area, today share the scene with high tech manufacturing facilities, diverse retail and service establishments, modern educational and medical facilities and rail, truck and air transportation operations.

The Watershed Council Coordinator facilitates the activities of the Klamath Watershed Council, an "umbrella" watershed council. The Coordinator is responsible for the day-to-day function of the Council.

http://mail.wcu.edu/frume.html?rtfPossible=true
Undergraduate Scholarship Opportunity

Request for Applications
2003-2004
Undergraduate Scholarship Program
Deadline: Friday, March 12, 2004

Each year the Oregon Space Grant Consortium (OSGC) is pleased to provide undergraduates from our member colleges and universities the opportunity to apply for scholarship awards that support their academic goals and recognize their achievements. Scholarships are open to new and continuing students in the disciplines of science and engineering. The OSGC Undergraduate Scholarship Program supports the National Aeronautics and Space Administration (NASA) objectives of fostering and encouraging career goals in the aerospace industry. Individuals from under-represented groups are encouraged to apply.

Awards
Scholarships of $1,000 will be awarded through a competitive process. Awards will be made payable directly to the student and presented by a representative of the member institution.

Eligibility
Scholarships are open to students who meet the following eligibility criteria:

- Enrolled full-time at a member institution during period of the award
- Pursuing a baccalaureate degree in a science and engineering discipline
- Good academic standing
- U.S. Citizen

Review Criteria
Applications are reviewed based on the following criteria:

- Scholastic achievement
- Aerospace related career goals
- Strength of recommendations

Application Procedure
For complete guidelines and applications, go to the Oregon Space Grant Consortium website at: http://www.oregonspacegrant.orsu.edu/undergraduatetguide.html. All application materials, including supporting documentation, must be received at the Oregon Space Grant Consortium office by the posted deadline. Incomplete or late applications will not be considered for funding.

More Information
Contact Catherine Lanier | mailto:oregonss@engr.orsu.edu | (541) 737-2414

WOU Deadline: Friday, March 12, 2004
Hi all,

Below are two job announcements for research the upcoming summer with the OSU stream Team.

Position 1:

Research Experience for Undergraduates in Stream Ecology
Stream Team, Oregon State University, Summer 2004

Position Title: Research Experiences for Undergraduates (REU) Intern

An opportunity in western Oregon is available for an UNDERGRADUATE student interested in research in stream ecology. The successful applicant will participate in a nationwide study using a stable isotope tracer to investigate the fate of nitrate in streams. The student will assist the western Oregon team with stream sampling (both biological and chemical) and laboratory analyses. Additionally, the student will develop an independent research project, either examining the role of channel hydro-geomorphology in nitrate uptake or developing techniques to measure rates of denitrification in surface and subsurface habitats. Study sites will include an old-growth forest stream in the H.J Andrews Experimental Forest, an agricultural stream in the McKenzie River drainage, and an urban stream in the vicinity of Eugene, Oregon.

The successful applicant will be enrolled in the 2004 fall term at a 4-year college institution. Good academic standing (minimum 3.0 GPA), ability to work both independently and as a team member, knowledge of basic field and laboratory techniques related to stream ecology, and ability to work long hours (including night sampling) in rough terrain are required.

Research will be conducted from late June through mid September (10-12 weeks; starting date flexible). The student will summarize their results in a report and present their findings to fellow researchers at the end of the employment period. A stipend of $380/week for 10-12 weeks will be provided.

For more information on the position, please contact:
Linda Askenas
Department of Fisheries and Wildlife
Oregon State University
Corvallis, OR 97331
Email: Linda.Askenas@oregonstate.edu
Phone: (541) 737-1966  FAX: (541) 737-3590

In the event Linda is not available, please contact:
Dar Sobota
Email: sobolad@onid.oregonstate.edu
Phone: (541) 737-1968

Applicants should send a letter highlighting their interests and qualifications, a resume (including names and contact information of three references), and an unofficial copy of transcripts by Friday, April 9, 2004 to Linda Askenas. Later applications may be accepted if the position is still open.
STUDENT OPPORTUNITIES

Graduate Research Assistantships in Earth System Science and Policy, University of North Dakota. Candidates for MS and MEM (Master of Environmental Management) degrees in Earth System Science and Policy, a new interdisciplinary, problem-based curriculum, are urged to apply (see http://www.umac.org/essp). The curriculum addresses sustainability through the integration of ecological integrity, economic security, and social equity. Students with backgrounds in natural, physical, or social sciences, as well as in engineering, architecture, or communications, are welcome to collaborate with fellow students in teams focused on societal needs. GRAs are available for qualified students. Contact: Prof. George Seielstad, Chair ESSP, Box 9007, University of North Dakota, Grand Forks, ND 58202-9007, (701) 777-4755, gseielst@aero.und.edu.
Summer Undergraduate Research Fellowships in the Area of Global Environmental Change. The Northeast Regional Center of the National Institute for Global Environmental Change (NERC, NIGEC), as part of its general program will offer undergraduate research fellowships in the summer of 2004. The purpose of these awards is to provide undergraduates with a research experience in an area of science or policy studies which bears on improving our understanding of factors which effect the global environment. These fellowships will be awarded on a competing basis to students who have just completed their junior or senior years. The fellowships must be held at a college, university, private non-profit research center or government laboratory located in one of the following states: Vermont, New Hampshire, Maine, Massachusetts, Rhode Island, New York, Connecticut, Pennsylvania, New Jersey, Maryland or Delaware. For more information and applications please email Alisha Jansky, Project Administrator at nigecl@io.harvard.edu. Completed applications should be returned to the NERC NIGEC office by April 12, 2004. The office is located at:

Harvard University
294 Pierce Hall
29 Oxford Street
Cambridge, MA 02138-2901
PLEASE POST:
Pre-Recruitment Job Announcement

Environmental Scientist/Specialist
Surface Water Quality Bureau
Santa Fe, NM

The New Mexico Environment Department (NMED) Surface Water Quality Bureau (SWQB) will be advertising two Environmental Scientist/Specialist positions in its Monitoring and Assessment Section. This team of multi-disciplinary staff implements portions of the Clean Water Act for the state of New Mexico by monitoring chemical, physical, and biological components of surface water to determine whether existing designated uses are being attained. The section then develops Total Maximum Daily Load (TMDL) planning documents to detail the amount and potential sources of surface water impairment. These documents then guide the development of watershed restoration strategies to protect and improve surface water quality. You can check out the bureau web site at: www.nmenv.state.nm.us/swqb/swqb.html.

Primary job duties for these positions include:

- Developing total TMDL watershed planning documents for point and non-point sources of identified surface water impairment,
- Assisting in the planning, collection, and assessment of surface water quality data to determine potential impairment,
- Assisting in development of the Clean Water Act Integrated 303(d)/305(b) List of Assessed Waters to inform the public of identified impairment and to guide future watershed restoration activities, and
- Assisting in development and revision of existing water quality standards.

The job location is Santa Fe, New Mexico in beautiful, culturally-diverse northern New Mexico. The salary opportunity for this position is in the $16 to $22/hour range, depending on experience.

A bachelor’s degree in a physical or natural science (such as watershed science, hydrology, ecology, geomorphology, biology, environmental/civil engineering, or geology) is required plus four years experience in a related field. A master’s degree may substitute for two years experience. Working in the environmental field for state government is dynamic. Priorities and specific work tasks will periodically adjust according to identified environmental concerns and departmental issues, so a positive, helpful attitude and desire to work in a team environment is a must! Excellent communication skills are also necessary to effectively perform job duties.

The jobs will be advertised on the New Mexico State Personnel Office web page (http://www.state.nm.us/spo/mbrecruit.htm) for **one week only in early May**. If you are interested in this position, please go to this web site and prepare all application materials (application, transcripts and job interest form) so they are ready to submit during the brief advertisement period.

For additional information, contact Lynette Stevens Guevara at 505-827-2904.
WATERSHED COORDINATOR
Alpine Watershed Group/Alpine County Planning Department
Starting Salary $17,000/year; $35,300 annually
Contract position funded through April 30, 2007
Final Filing Date: July 30, 2004 by 5:30 p.m.

THE POSITION

The Watershed Coordinator position is funded through the California Department of Conservation Watershed Coordinator Grant Program. The primary focus of the position is to assist the Alpine Watershed Group in achieving the goals of the Group’s strategic plan, which forms the basis for the grant funding; and to work on other watershed related tasks and programs as determined by consensus of the Alpine County Board of Supervisors and the Alpine Watershed Group. The position will be supervised by the Alpine County Planning Director who is also a member of the Alpine Watershed Group.

The Watershed Coordinator will enhance watershed community capacity, develop and refine watershed assessments and plans, implement discrete watershed restoration activities, strengthen the already diverse stakeholder partnerships of the Group, lead local education and outreach activities, implement monitoring and assessment protocols that are based on sound science, inspire a long-term commitment to watershed protection and, most importantly, improve water quality in the Upper Carson, Upper American, Upper Stanislaus, and Upper Mokelumne watersheds.

The Alpine Watershed Group goals are to 1) Preserve and enhance the natural system functions of the Alpine County’s watersheds 2) Inspire stakeholder participation to collaborate, educate and proactively implement projects that benefit and steward the county’s watersheds and 3) Build the capacity of the Alpine Watershed Group to achieve its goals. More information on the Alpine Watershed Group and the Department of Conservation Watershed Coordinator Grant is available at http://www.alpinountyca.com/watershed/index.html.

Example of Duties: Duties may include but are not limited to the following:

- Gathering watershed information
- Facilitating and managing restoration projects
- Recruiting and coordinating volunteers
- Facilitating and administering Alpine Watershed Group meetings and activities
- Implementing community group outreach and education programs
- Assisting in coordinated planning with other agencies including the Forest Service, Bureau of Land Management, various resource conservation districts and appropriate federal, state and other local agencies.

REQUIREMENTS

Education / Experience: A minimum of a high school education or equivalent is required. Additional course work, experience or training in a related natural resources field is desired. Any combination of the minimum education and experience is considered.

Knowledge/Skills:

- Good written and verbal communications skills
- Experience facilitating meetings, administering groups, and strategic planning
ANNOUNCEMENT
Internships with the Undergraduate Intern Training Program at EPA (Corvallis) in Terrestrial, Aquatic and Coastal Ecosystem Research

Purpose: To provide undergraduate internship training in environmental and ecosystem research, specifically in the research areas of aquatic, terrestrial, and coastal ecology.

Location: EPA Labs in Corvallis, Newport, or other locations in Oregon. For more information on the labs, visit www.epa.gov/wwt/cipaye/aboutus.htm

Position: Interns will be employed through the Center for Water and Environmental Sustainability (CWESt) at Oregon State University as student employees at a rate of $8.00/hour. Internships are for up to full-time for Summer 2004 with possibility of part-time work during the academic year.

Qualifications: Interns must be full- or part-time undergraduate students with an interest in aquatic, terrestrial, and/or coastal ecology. Interns must be currently enrolled at any accredited U.S. college or university including community colleges. EPA regulations require that students working at EPA labs must be U.S. citizens, age 18 or older. Evidence of ability to respond to training and show initiative in both field and laboratory settings is required. Qualified applicants will have academic background or interest in environmental sciences including the agricultural sciences, biological sciences (ecology), chemistry, fisheries and wildlife, forestry, marine biology, microbiology, molecular biology, plant sciences (botany), soil sciences, zoology, and related fields.

Application Process: Each applicant must submit a letter of interest, describing her/his academic background, especially current academic background, and any related experience in aquatic, terrestrial, and/or coastal ecology. The letter should include information about:

- how an EPA internship in this area would fit with future professional/career goals;
- other experience or background that demonstrates ability to take initiative, work independently, and work well with others;
- availability to work;
- names and telephone numbers of 1 academic and 1 work-related reference (2 total);
- copy of the applicant’s unofficial college transcript.

Members of historically underrepresented groups such as women and students of color are encouraged to apply.

Deadline: April 9, 2004 for full consideration

Submit applications to:
Stephanie Sanford, Ph.D.
Center for Water and Environmental Sustainability (CWESt)
210 Strand Agriculture Hall
Corvallis, Oregon 97331
Stephanie Санford@casc.edu
(e-mail) applications accepted)
From Jeff Bird <jeffbird3@yahoo.com>  
Sent Wednesday, August 18, 2004 7:28 pm  
To Steve Taylor <taylors@wou.edu>  
Cc  
Bcc  
Subject Re: Hello

Thank You!
Here is a description of the job:

POSITION SUMMARY:
The Assessment Technician will collaborate with the District Technicians on a watershed assessment for Grass Valley Canyon Watershed in Sherman County, based on the Oregon Watershed Assessment Manual. The Grass Valley Canyon Watershed encompasses approximately 133,000 acres which drain into the John Day River. The assessment will become the basis for a long-term conservation and restoration action plan.

1. Study and understand the Oregon Watershed Assessment Manual.
2. Become familiar with the geography, soils, topography, etc. of the Grass Valley Canyon Watershed.
3. Seek and compile data regarding the condition of Grass Valley Canyon Watershed.
4. Interview community members, agency personnel, and watershed council members.
5. Analyze data using ArcView Geographic Information Systems (GIS) software and other tools as needed.
6. Verify data using Global Positioning System (GPS) and survey tools, as time allows.
7. Present progress and results to SWCD Board of Directors, Grass Valley Canyon Watershed Council, and other partners.
8. Assist SWCD staff with other projects related to Grass Valley Canyon Watershed, as time allows.

They also ask that you include your address, email, and phone number in the letter. If possible, I would like to collect the letter by the end of the month. Thank you again for your assistance.

Jeff Bird

--- Steve Taylor <taylors@wou.edu> wrote:

> Hi Jeff - no problem, could you send me a run-down
> of the job you are applying for so that I can
> appropriately detail your related strengths?
> >
> > s.t.
> >
> > Steve Taylor, Ph.D.
> > Assistant Professor of Geology
> > Earth and Physical Sciences Dept.
> > Western Oregon University
POLK SOIL AND WATER CONSERVATION DISTRICT
POSITION DESCRIPTION

Title: Resource Management Technician
Time Frame: Annual Position: Full Time
(This position will be reviewed each year and the focus may be modified or
the duration continued for a period of time based on the availability of funds.)
Salary Range: $1833-$2000 per month / $22,000 - $24,000 per year
Closing Date: June 10, 2004
Starting Date: ASAP

INTRODUCTION
This annual position with the Polk Soil and Water Conservation District (SWCD) in Dallas, Oregon is designed
to attract a natural resource professional. This position is currently funded through the Oregon Department of
Agriculture. The position will be reviewed and renewed each year contingent on funding beginning July 1st
The Resource Management Technician will provide professional technical service directed towards education,
outreach, and the development and implementation of individual land management plans. These plans will be
aimed at implementing conservation practices such as reduction of soil erosion, improvement of water quality,
and salmon habitat in furtherance of the Oregon Plan. The position provides educational and technical
assistance in two Agriculture Water Quality Management Areas (AWQMA) within Polk County. These AWQMA
areas include the Yamhill River Basin in the northern part of Polk County and Middle Willamette Basin
including Rickreall Creek, Ash Creek, Glenn/Gibson, Luckiamute and their tributaries.

POSITION QUALIFICATIONS
This position requires a minimum of a Bachelor’s degree with major course work in agricultural sciences,
natural resource management, soils and water quality, or a related discipline. Having an additional degree,
coursework, or experience in education, communications or marketing is desirable. Interpersonal
communication and interaction with others shall be accomplished in a professional and courteous manner. The
employee will provide their own vehicle, be willing to use it for work related travel and be reimbursed at the
current state mileage rate and do so within budgeted travel levels.

POSITION DUTIES (Duties may include but are not limited to the following nor are they listed in any
particular order of importance):
• Assist the Board in setting priorities; developing an annual work plan and assisting in implementing
actions and/or strategies to accomplish the District’s goals and objectives.
• Support the Directors/Associate Directors in implementing programs based on the District’s annual plan
in cooperation with federal, state, and local agencies; landowners; private groups; and the general
public.
• Conduct Workshops
  o Do presentations to agencies, OSU Extension, Community Staff,
  o Write articles or press-releases about the workshops for local papers, newsletters, etc.
• Develop conservation plans as requested by landowners/managers.
• Produce soils maps or other related maps for customers using GIS.
• Coordinate mapping needs with Polk County Community Development Department and the Land
Information System.
• Collect and maintain lists of available sources of assistance: vendor lists, phone numbers, pond CD,
and etc.
• Develop Outreach / Resource Management Tool Kits for use in workshop training and on-site
consulting with land owners/operators. Document the contents and their source and function, with
priority to using available USDA, NRCS, OSU, ODA, OWEB, Watershed Councils, SB1010, and other
information sources.
Good Afternoon

I would like to announce that NMED has a Summer Intern Program for students/recent college graduates who have completed at least one year of college with a 2.5 or greater GPA, and are not related to anyone in NMED.

The external site for applicants is http://www.nmenv.state.nm.us/intern/index.html.

Please give this wide dissemination - the deadline for getting requests for interns in to HRB is March 4, 2005. Last year we had approximately 50 interns, and we have started recruitment efforts across the state in order to meet that number again this year.

If you have any questions about the program, our point of contact for the Summer Intern Program is Marc Williams, a new member of our staff. He can be reached at 827-0424 or marc_williams@nmenv.state.nm.us

Thanks for your help.

Judy Bentley
Human Resources Manager
New Mexico Environment Department
1190 St. Francis Drive

Santa Fe, New Mexico 87505
(505) 827-3872
Fax (505) 827-2818
From: Judy Haschenburger <Judy.Haschenburger@utsa.edu>

Colleagues:

I have recently moved to the Department of Earth and Environmental Science at the University of Texas at San Antonio so there is new opportunity for students to complete graduate research in fluvial geomorphology at UTSA. The deadline for possible funding is February 1, 2006 for a Fall 2006 award. Please bring these opportunities to the attention of your students interested in graduate work in fluvial geomorphology with or without an explicit linkage to environmental topics. Interested students should contact me in the first instance Judy.Haschenburger@utsa.edu, (210) 458-6956 to discuss research interests to maximize chances for success in funding and to learn about new geomorphology course offerings not reflected in the current graduate catalog.

General program information

A M.S. degree can be earned in geology, emphasizing water resources, environmental geology, or applied geology, and in environmental science, broadly defined.

The Ph.D. program in environmental science and engineering is a joint effort between the departments of Earth and Environmental Science and Civil and Environmental Engineering. Areas of research emphasis include water resources, environmental quality, environmental remediation, pollution control, conservation ecology, spatial analysis, remote sensing, and natural hazards.

More information about these programs can be found at: http://www.utsa.edu/eps/ and http://www.utsa.edu/water/.

Funding opportunities with February 1 deadlines

1) Institute for Research in Water and Environmental Resources Ph.D. Scholarship, awarded on a competitive basis for up to $20,000 per year for students pursuing research in one of the areas of research emphasis outlined above.

2) Alfred D. Sloan Foundation Minority Ph.D. Scholarship, awarded on a competitive basis for a maximum stipend of $30,000 to students pursuing engineering, natural science, or mathematics. UTSA participates in this program for underrepresented minority students in areas of environmental science and engineering. Once students are accepted into the Ph.D. program an application for a Sloan scholarship can be submitted. See http://www.nacme.org/soaary/MPhDVote for more information about the scholarship. Dr. Enos L. Inmis (Enos.Inmis@utsa.edu) is the UTSA affiliate faculty member, who is available to discuss your goals and the Sloan Scholarship offer.

3) Center for Water Research graduate research assistantships for M.S. students, awarded on a competitive basis for up to $12,000 per year plus $3000 for tuition. Thesis topics must address research and technical issues in water resources in San Antonio and South Texas and be of direct benefit to the people of the State of Texas. To be eligible for this award, intended research must be classified into a topic area of 1) hydrology, 2) hydraulics, water resources, 3) environmental chemistry, 4) civil and environmental engineering, 5) environmental spatial analysis, 6) environmental microbiology, and/or 7) environmental geomorphology.
Hydrological and Water Quality Tech Position Description

May 17, 2004

The Walla Walla Basin Watershed Council is seeking to fill the position of hydrologist and water quality technician. The temporary full-time position will provide field and office support for the WWBWC's staff hydrologist. Field work will include assisting in the year-round operation of an extensive network of gauge and water quality stations as well as numerous shallow aquifer monitoring wells in the Oregon portion of the Walla Walla Basin. The ideal candidate will also have skills in data analysis and management, and experience with standard QA/QC procedures. Water quality monitoring will include activities such as river geomorphology surveys, macroinvertebrate collections, sampling for analytes and the collection of other water quality parameters. Additional experience with advanced mathematical concepts including the rating of flow stations and computer modeling is preferred. The technician will be expected to work well with stakeholders in the basin including federal, tribal, state and local agency staff in addition to council members and landowners. A college degree or certification in engineering, hydrology, water quality or natural resources is preferred but substantial experience working in the hydrology/water quality field may be adequate.

The technician position will be full time starting July, 2004 with one year of funding already secured. Continued employment with the council will depend upon additional grant funding and the technician's job performance. Annual salary is based on experience and skills ranging between $25,000-30,000. Benefits provided include health/dental/life insurance, paid sick/vacation/holiday time, mileage reimbursement for work activities, and a great group of co-workers. Field work requires a combination of standing and walking with exposure to noise, fumes, odors, and dust as well as hills and slippery surfaces. Attendance at monthly evening meetings is required.

Salary would range from $25-30k which includes a health care benefit plan.

If you are interested in the position, please send all of the following three items: (1) a cover letter explaining your interests in the position, (2) resume and (3) a list of professional reference contacts to:

Walla Walla Basin Watershed Council
P.O. Box #65
Milton-Freewater, OR 97862

The application deadline is June 15th, 2004. Please, no phone calls prior to the application closing date. The position will remain open until filled.

WWBWC Mission

The mission of the Walla Walla Basin Watershed Council is to protect the resources of the Walla Walla Watershed, deal with issues in advance of resource degradation, and enhance the overall health of the watershed while also protecting, as far as possible, the wildlife, custom, and cultures of all citizens residing in the basin. For more information about the WWBWC, go to: www.wwbwcc.org
Graduate Student Opportunity with the USGS
University of Idaho

The U.S. Geological Survey (USGS), Water Resources Discipline Office in Boise, Idaho is seeking an engineering graduate student (MSc or PhD) to assist on a project designed to develop sediment transport and streambed evolution models of the Coeur d'Alene River in north Idaho. These models will help resource managers evaluate future efforts aimed at remediating the effects of 100 years of mining in the basin. Mining activities have resulted in the contamination of both flood plain sediments with toxic metals, including lead, cadmium, and zinc. This project will involve a combination of field and office activities. Field activities will be physically demanding and will include the collection of stream velocity, channel geometry, and sediment data using state-of-the-art equipment and instrumentation. Office activities will include the calibration of 1-D dimensional hydraulic, sediment transport, and bed shear stress models. Experience in modeling, computer programming, use of geographic information systems (GIS), and other analytical software is highly desirable.

The successful candidate will have completed a bachelor’s degree in civil or environmental engineering and will be willing to pursue an advanced degree at the University of Idaho’s Boise Center as part of the Civil Engineering Department’s Ecohydrology Research Group. The emphasis of the graduate study and research will be on open channel hydraulics, sediment transport, or a similar field of study. The successful candidate will participate in the USGS Student Cooperative Employment Program (SCEP), which will include a part-time term appointment as a USGS employee. The SCEP appointment provides for the possibility of non-compete for full-time permanent employment with the USGS once a graduate degree has been earned. Qualified applicants for the SCEP program must be U.S. citizens. The successful candidate should be available to begin work on or about June 1, 2004.

Interested applicants should submit a brief resume to Ruth Swan Brown at ruthdb@uidaho.edu. Technical questions can be addressed to Steve Lippscomb at lippscomb@nsus.gov or Peter Goodwin at pjgoodwin@uidaho.edu.

Details of the Ecohydrology Program are available at http://ecohydrology.uidaho.edu.
From: Hart, Stephanie  
Sent: Wednesday, May 05, 2004 10:50 AM  
To: Forest Science Unit  
Subject: Hiring for Summer Laboratory and Field Work  

I am interested in the flow of terrestrial nitrogen into headwater systems and the factors that affect horizontal movement of leaf litter material. 

This position is approximately 60% laboratory work but three weeks of fieldwork are scheduled. Applicant will work an average of 30 hours per week. The field sites are fairly accessible from Corvallis and will be 1-2 hour driving distance from Corvallis. We will be returning to town at night during field periods.

Duties: Laboratory work includes identification and sorting of tree and shrub litter in the laboratory, sample preparation, and assisting with simple analysis of a variety of instruments (primarily Cotech Elemental Analyzer). All work will require precision in data collection and attention to detail. Fieldwork includes collecting leaf litter from extens sites for laboratory analysis.

Laboratory work requires manual dexterity, standing and sitting for extended periods, ability to stay focused on tasks, and the use of appropriate safety equipment (goggles, lab coat) as needed. Fieldwork is conducted near Ainsworth, Oregon with hiking over rough terrain while carrying gear.

Qualifications: Applicants must be motivated to learn, willing to work outdoors under variable weather conditions, able to hike over steep terrain, and capable of staying focused and precise in laboratory work. Previous experience or education in forestry, botany, ecology, or scientific research, as ability to identify trees and shrubs, and previous laboratory skills are preferred.

To apply: Applications will be accepted until June 12, 2004 or until the position is filled. Please be specific about your qualifications in your proposal to the job description and desired skills. Send letter of interest, resume and list of three references (including name, address, telephone & e-mail address) to:

Stephanie Hart  
321 Richardson Hall  
Oregon State University  
Corvallis, OR 97331-5152

The three documents can also be attached as email. (stephanie.hart@oregonstate.edu)

For more information or any questions contact Stephanie Hart at (541) 737-4462 or send an email to stephanie.hart@oregonstate.edu.
Position Description Healthy Waters Institute Fellow

Overview:
Statewide conservation organization, Oregon Trout, seeks fellowintern to support the dramatic expansion of its already strong, statewide watershed education program. Program expansion is taking the form of a new institute, which seeks to reach all K-12 students in Oregon.

Responsibilities:
The fellow will play an active role in multiple aspects of the institute's development and the continuing work of the education department. The fellow will provide leadership for creating and launching the Institute's journal and other related publications. These publications will share news of the institute and other innovative educational work being done throughout the state.

Qualifications:
Necessary
- Bachelor's Degree
- Excellent written and oral communication skills – writing sample to be submitted
- Computer proficiency, especially word processing, spreadsheets and internet communication functions
- Willingness to work long hours, evenings and weekends as necessary, and to travel overnight periodically (safe, competent driver)
- Ability to work independently as well as being a strong team player, with a minimum of supervision
- Sense of humor and a strong commitment to the institute's goals

Desirable
- Teaching experience in traditional and/or non-traditional settings
- At least two years of successful work experience in education, natural resources, community development, and/or youth development
- Experience with desktop publishing, graphic design, and newsletters/journal production
- Experience with conservation education
- Knowledge of the State of Oregon; its politics, lands, and education systems
- Foundation of knowledge of conservation and education issues

Compensation: $18,000 stipend for the one year fellowship appointment.

Process:
Application deadline is June 1. Work ideally begins by June 14, 2004. To apply send cover letter, resume, writing sample, and references to:

Oregon Trout, 117 SW Naito Parkway, Portland, Oregon 97204-3595.

Oregon Trout is an equal opportunity employer seeking to diversify its workplace. Information on Oregon Trout and its education programs is available via: www.oregontrout.org.
Graduate Student Opportunity with the USGS
University of Idaho

The U.S. Geological Survey (USGS), Water Resources Discipline Office in Boise, Idaho is seeking an engineering graduate student (MS or PhD) to assist on a project designed to develop sediment transport and streambed evolution models of the Coeur d'Alene River in north Idaho. These models will help resource managers evaluate future efforts aimed at mitigating the effects of 100 years of mining in the basin. Mining activities have resulted in the contamination of bed and floodplain sediments with toxic metals, including lead, cadmium, and zinc. This project will involve a combination of field and office activities. Field activities will be physically demanding and will include the collection of stream velocity, channel geometry, and sediment data using state-of-the-art equipment and instrumentation. Office activities will include the calibration of 1-D dimensional hydraulic, sediment transport, and bed shear stress models. Experience in mapping, computer programming, use of geoparks: information systems (GIS), and other analytical software is highly desirable.

The successful candidate will have completed a bachelor's degree in civil or environmental engineering and will be willing to pursue an advanced degree at the University of Idaho's Boise Center as part of the Civil Engineering Department's Ecohydraulics Research Group. The emphasis of the graduate study and research will be on open channel hydraulics, sediment transport, or a similar field of study. The successful candidate will participate in the USGS Student Cooperative Employment Program (SCEP), which will include a part-time term appointment as a USGS employee. The SCEP appointment provides for the possibility of non-competitive full-time permanent employment with the USGS once a graduate degree has been attained. Qualified applicants for the SCEP program must be U.S. citizens. The successful candidate should be available to begin work on or about June 1, 2004.

Interested applicants should submit a brief resume to Ruth Swan Brown at ruthb@uidaho.edu. Technical questions can be addressed to Steve Lipscomb at lipso@ uidaho.edu or Peter Goodwin at pgoodwin@uidaho.edu.

Details of the Ecohydraulics Program are available at http://ecohydraulics.uidaho.edu

The USGS will be accepting letters of interest and resumes from interested candidates through May 14. At the end of that period the resumes will be reviewed and the top three candidates will be contacted to arrange for an interview. The final selection will be made as soon as possible after the interview. Once the selection is made it will be the responsibility of the successful applicant to apply to the UI Graduate Program for the fall 2004 semester. Appointment is dependent on successful admission to the Graduate Program at the University of Idaho.
Position Description – Healthy Waters Institute Director:

Overview:
Portland-based conservation organization, Oregon Trout, seeks leader for dramatic expansion of its already strong, statewide watershed education program. Program expansion is taking the form of the launching of a new institute through which all K-12 students in Oregon are invited and encouraged to join the institute’s staff by helping to learn and teach about the health and value of their local waters. The successful candidate will be an energetic, skilled, and experienced leader and manager ready to unite and motivate a diverse mix of educational and community partners to launch and sustain this ambitious educational program. This full-time position reports to the Executive Director.

Responsibilities:
Lead and manage all aspects of the institute including, but not limited to:
- Development of key components and launch of the institute.
- Inspiring and supervising institute’s staff.
- Building and maintaining strong, cooperative relationships with participating educators and community partners.
- Fiscal management including budgeting and resource development.

Qualifications:
Necessary
- Proven ability as a leader and manager, particularly of cooperative ventures linking diverse partners.
- Proven commitment to and experience with conservation and civic education.
- Excellent communication and organizational skills and proven ability to work creatively and cooperatively with all types of people.
- Masters degree, in a related field, and/or commensurate work experience.
- Proves ability to bring a positive attitude, sense of humor, and strong work ethic to an ambitious task.
- Computer proficiencies.

Desirable
- Significant experience as a teacher and administrator of classroom and field-based educational programs.
- Working knowledge of the State of Oregon; its politics, lands, and education systems.
- Advanced degree(s) in related fields.

Compensation: Competitive not-for-profit salary and benefits.

From: "Wing, Michael" <michael.wing@oregonstate.edu>
Sent: Monday, May 24, 2004 12:22 pm
To: undisclosed-recipients: 
Cc:

Subject: GIS career opportunity in Shelton Washington

Apologies for cross-postings...
A recent GIS job announcement is included below-they are interested in hiring quickly. Shelton would be a good place for someone who appreciates a coastal environment and small town living...Michael

GIS Specialist

Green Diamond Resource Company has an immediate opening in Shelton, Washington to operate, maintain, and customize its GIS. Position will lead the development of the GIS and provide analysis on complex natural resource issues. Candidates must have a minimum of two years experience with ESRI Arc software (ArcGIS preferred), experience designing and developing GIS/database applications. Experience or knowledge of forest management is desirable. Minimum education required is a bachelor's degree in a related field or commensurate experience/training. Please submit a hard copy letter of interest and resume to: Bob Rogers
Green Diamond Resource Company
PO Box 18001
Shelton, WA 98584
Dear Colleagues,

I am writing to ask for your help in getting the word out about an exciting professional opportunity for students. The Resource Assistance for Rural Environments (RARE) Program is currently accepting applications for 2004-2005. I would appreciate it if you would pass on the following announcement to your students via your student listserve. Thank you for your assistance and I hope some of your students will find this opportunity attractive. Please feel free to re-direct this message to any other appropriate departments or individuals.

Michelle Peasley
RARE Program Assistant Coordinator
1289 University of Oregon
Eugene, Oregon 97403-1289
http://www.uoregon.edu/~rare/
rare@uoregon.edu


RARE's mission is to increase the capacity of Oregon's rural communities in order to improve their economic, social, and environmental conditions through professional assistance provided by trained, college graduates who live and work in communities throughout the state for approximately eleven months.

Members assist rural Oregon in the development and implementation of projects relating to community and economic development, watershed and natural resource planning, policy coordination, and delivery of social services. Members receive a taxable living stipend of $1,250/month and medical health insurance.

Up on successful completion of 1,700 hours of service (approximately eleven months), RARE members may be eligible to receive an educational award of $4,725. The educational award can be used to pay off past or future student loans. Educational awards are dependent on grant funding.

For information, call 541/346-2839, email: rare@darkwing.uoregon.edu; visit: http://darkwing.uoregon.edu/~rare or write: RARE Opportunities, 1209 University of Oregon, Eugene OR, 97403.
outreach activities to educate the public about the importance of protecting fish and wildlife resources. Assists Water Quantity Program Manager in all phases of program assignments.

**WORKING CONDITIONS:** (1) Required to work 8:00 a.m. to 5:00 p.m., Monday through Friday; (2) May be required to work evenings and weekends; (3) Occasional statewide travel with possible overnight stays; (4) May be required to work overtime.

**MINIMUM QUALIFICATIONS:**

Education: (1) Graduation from an accredited four-year college or university with a Bachelor’s degree in engineering, geology, or other natural science, or a closely related field; (2) Master’s degree from an accredited college or university may be substituted for one year of the required qualifying experience, as listed in the Experience section below; (3) A Ph.D. from an accredited college or university may be substituted for two years of the required qualifying experience, as listed in the Experience section below.

Experience: (1) Hydrologist I, experience in hydrologic work; (2) Hydrologist II, two years of experience in conducting routine hydrologic work; (3) Hydrologist III, three years of experience performing moderately complex hydrologic work; (4) Hydrologist IV, four years of experience performing complex hydrologic analysis; (5) Hydrologist V, five years of professional and highly responsible experience performing advances and supervisory hydrologic work related to natural resource conservation, habitat conservation, water planning or a related field.

License/Certifications: Must possess or be able to obtain within 30 days of employment, a valid Texas class "C" driver’s license.

**SELECTION CRITERIA:**

Knowledge, Skills and Abilities: (1) Knowledge of hydrologic principles, techniques and procedures including TCEQ’s water availability models; (2) Knowledge of water rights, water planning and aquatic ecosystems in Texas; (3) Knowledge of Geographic Information Systems, ArcView, ArcGIS, Visual Basic and Microsoft Excel and FORTRAN; (4) Ability to effectively communicate verbally and in writing; (5) Ability to work with Water Resources Team to accomplish established mission and goals; (6) Knowledge of state and federal rules and regulations which pertain to water rights and water planning; (7) Ability to assist with agency review of and response to proposed water developments projects and to prepare correspondence to regulatory entities on water resource projects and permits.

Additional Requirements: Copy of official transcripts required.

**FORWARD APPLICATION TO:** TPWD Human Resources, 4200 Smith School Road, Austin, TX 78744 or Fountain Park Plaza, 3000 S. IH35, Suite 320, Austin, TX 78704.
From: Ben Mavin
Sent: Monday, January 6, 2003 8:43 am
To: Hydrology Faculty
Cc: 

Subject: [hydro_both] FW: hydrologist - Job Announcement

-----Original Message-----
From: owner-film-news@monarch.ccr.usgs.gov
[mailto:owner-film-news@monarch.ccr.usgs.gov] On Behalf Of david.bradby@tpwd.state.tx.us
Sent: Monday, January 06, 2003 8:22 AM
To: undisclosed-recipients:
Subject: TFIM News Submission - Job Announcement 3

The Texas Parks and Wildlife Department currently has a job opening for a Hydrologist. The position is located in Austin, Texas and has a closing date of January 27, 2003. Additional information about the application process can be found at:
http://www.tpwd.state.tx.us/jobs/availablejobvac/03_17_14f.htm

Thanks,
ddt

POSITION TITLE: Hydrologist I - V
PHONE NO.: 512/912-7648
FUNCTIONAL TITLE: Water Quantity Program Hydrologist
FAX NO.: 512/767-1358
E-MAIL ADDRESS: david.bradby@tpwd.state.tx.us
SALARY GROUP: 245G-2464/82-B13
SALARY: $2749-$3757
ADDRESS: Fountain Park Plaza, 3000 S IH35, Suite 320, Austin, TX 78704
DIVISION: Resource Protection
SUPERVISOR: David Bradby
POSTING DATE: December 24, 2002
POSTING NO.: 03-17-147
CLOSING DATE: January 27, 2003

GENERAL POSITION DESCRIPTION: Assists the Water Quantity Program Manager in the evaluation of proposed and existing water resource projects for potential effects upon aquatic and estuarine ecosystems. Performs hydrologic analysis related to surface water availability, instream flows and freshwater inflows in response to water development projects, water right applications and regional water planning activities. Uses TCEQ’s water availability models and other tools to assist in initiatives of the Water Quantity Program relates to maintaining and securing water for environmental purposes. Assists with instream flow studies. Represents the agency in meetings and hearings with other water resource agencies to address water quantity concerns relative to the protection of fish and wildlife Resources. Advises the Water Quantity Program Manager on important water activities and projects that affect fish and wildlife resources. Serves as an effective member of the Water Resources Team. Participates in education and
COOS WATERSHED ASSOCIATION

JOB ANNOUNCEMENT
WATERSHED RESTORATION PROJECTS MANAGER
PAY SCALE: $28,000 ~ $38,000 DOE

Minimum qualifications: Bachelor’s degree in a natural resource field (biology, fisheries, hydrology, etc.) or Bachelor’s degree in another area with two years experience relevant to this position. Experience in collection and management of field data; experience with Pacific anadromous fish species; familiarity with stream habitat enhancement techniques and equipment; experience with various monitoring devices; excellent verbal and written communication and record keeping skills, including use of word processing and spreadsheet programs; ability to work well with others in private and public sector; ability to work in rough terrain and inclement weather. Valid Oregon driver’s license and personal vehicle suitable for use on logging roads is required (use is compensated).

Highly desirable: training in stream ecology, experience with in-stream boulder and wood placement for habitat enhancement; Arc-View GIS proficiency; familiarity with Coos estuary, Coos river system, and local agency procedures, supervisory experience.

Job duties: Primary responsibility for all aspects of on-the-ground project selection, implementation, project monitoring, and monitoring program; work with landowners and Projects committee to develop new on-the-ground project concepts; work with Executive Director to develop project budgets for use in grant applications; work with private and public land managers to coordinate project implementation. Ensure appropriate design, permitting, contracting, and crew assignments, keep projects within budget, and approve bills for payment. Design and implement monitoring program consistent with Association objectives, maintain project-monitoring records in compliance with grant agreements. As schedule permits, represent Association at public events; provide information, tours, etc. Create and maintain positive relationships with landowners and other members of the Coos watershed community, other duties as assigned.

Please note: At this time, the Coos Watershed Association does not provide medical or retirement benefits, while we anticipate doing so in the future we cannot guarantee their availability. All employment, by Board policy, is on an AT WILL basis.

For further information Contact Jon A. Souder, Executive Director at (541) 888-5922
To apply: send resumes and cover letters clearly demonstrating your qualifications to

Coos Watershed Association
P.O. Box 5860
Charleston OR 97420

Or
Oregon Employment Department
2075 Sheridan
North Bend OR 97459

You may fax resumes to (541) 888-6141 if you do, please also mail a copy.
E-mail: Cooswa@hcoonside.com
Interested in a **FUNDED/PAID**

Summer Internship?

On the Beautiful Oregon Coast?

The Siuslaw Watershed Council, in partnership with the US Forest Service, is offering an 8 week summer intern opportunity to an interdisciplinary team of qualified students from the Department of Landscape Architecture, Environmental Studies, Biology, Botany, Environmental Sciences, etc.

This summer program will be structured in a design studio format and will develop an integrated ecologically based plan to restore wetland habitat, channel geometry, floodplain connection, and sediment regimes in the Lower Siuslaw Watershed.

Funding is available to pay for tuition, supplies, housing, and a stipend (MONEY!) for the students! Throughout the summer the students will work closely with a variety of professionals working in the watershed to critique and revise their analysis and designs.

For more information please call

Pete Barrell at the Siuslaw Watershed Council

541-268-3044 or email: council@presys.com
From: William Locke
Sent: Tuesday, December 31, 2002 11:39 am
To: geomorph-l@ listserv.montana.edu
Cc
Bcc
Subject: Hydrologist Job Opportunity with US Forest Service

From: Dan Marion

The USDA Forest Service, Southern Research Station is planning to advertise and fill a new Hydrologist position in the next few months. For more information regarding the position, please point your web browser to

<http://www.sts.fs.fed.us/4106/Employment/CurrentEmpty.html>

The official job announcement probably won’t come out until early to mid-January.

The person hired will work as my primary assistant in helping me accomplish my research program. I am looking for a highly motivated person who has a background in watershed processes, but this background may be through training/experience in fluvial geomorphology, hydrology, physical geography, geology, soils, forestry, engineering, or related disciplines. The general qualifications required to be considered for this position are listed at

<http://www.opm.gov/qualifications/SEC-IV/ASSG-PROF.HTM>

and

<http://www.opm.gov/qualifications/SEC-IV/VBGS100/115S.HTM>

The qualifications criteria that typically trips up applicants is the "at least 6 semester hours in calculus (including both differential and integral calculus), and at least 6 semester hours in physics." To qualify at the GS-7 level requires at least a Bachelor degree with one additional year of graduate work, or a Bachelor degree with at least one year of professional work experience at the GS-5 or equivalent level. For GS-9, the minimum requirement is a Master degree or one year of professional work at the GS-7 or equivalent level. If one is uncertain about their qualifications they should contact Richard Quick (our Personnel Specialist) --- see the outreach notice.

In addition to scientific training, I need someone who can work with data loggers, PCs, and data analysis software. I also need someone who can work well with others, as well as on their own.

This position should be an excellent entry-level opportunity for a student or former student who is interested in a career in forest resource management. In addition to their involvement in research, there will be opportunities to get on-the-job training in environmental assessment work that will enable the incumbent to effectively compete for higher level positions or national forests throughout the country. It is also an opportunity for any capable person who is interested in fluvial research (both laboratory and field elements), but would prefer not to have publication responsibilities.
The office of Personnel Management has delegated to the Forest Service the authority to recruit and fill Permanent (Career Conditional) and Term Appointments under the USDA Demonstration Project. Under this project, interested individuals need not have present or previous status as a Federal Employee in order to apply.

ANNOUNCEMENT: R601-0659-03
OPENING DATE: 01/17/2003
CLOSING DATE: 02/27/2007
SERIES/GRADE: GS-1315-39
SALARY: $38,588
TITLES: Hydrologist
LOCATION: Deschutes NP, Supervisor's Office
CITY/ST: Bend, OR

PROMOTION POTENTIAL: None

This is a full time term appointment not to exceed 13 months. An individual hired under a term appointment is eligible to elect health and life insurance benefits, and to receive within-grade increase (periodic pay raises). Term employees must satisfactorily complete a one-year trial period. Term employment does not confer competitive (permanent) status, nor entitle the term employee to noncompetitive appointment to permanent jobs. The duration of a term appointment will be determined by the length of the project, workload and available funding, but may not exceed four years. This term appointment is anticipated to last 13 months. The person selected for this position will be required to sign a statement indicating her/his understanding and concurrence with the conditions of term employment.

The USDA - Forest Service will not pay relocation expenses for new appointees.

*The USDA Forest Service provides reasonable accommodations to applicants with disabilities. If you need a reasonable accommodation for any part of the application and hiring process, please notify Gayle Crotchett at (541) 383-5751 for assistance. The decision on granting reasonable accommodation will be made on a case-by-case basis.*

SUMMARY OF DUTIES AND RESPONSIBILITIES: The incumbent performs work in watershed surveys and analysis. The incumbent gathers, analyzes, and interprets watershed data for input to environmental reports. Participates as a member of interdisciplinary teams working on land management planning, emergency burn rehabilitation, and other Forest projects. Surveys areas needing restoration or stabilization following disturbance by resource activities. Makes recommendations on treatment needs, estimates project costs, and prepares environmental analysis reports for restoration projects being considered for implementation.

QUALIFICATIONS:
Applicants must meet qualification requirements specified in the Office of Personnel Management's Qualification Standards Handbook for the 1315 series at the GS-5 level. This handbook can be found in any Federal Government Personnel Office or viewed on the Internet at the following address:

Basic Requirements for GS-5.
From: William Locke
To: Richard A Marston
Date: Sunday, January 19, 2003 10:53 am
Subject: Research Exp for Undergrads: GIS/Soil Water

Program: Research Experiences for Undergraduates in GIS and Soil/Water Resources
Sponsors: National Science Foundation and Oklahoma State University

We would be very grateful if you could bring the following information to the attention of undergraduate students interested in applications of GIS to water or soil research. We will be inviting ten undergraduate students to Oklahoma State University to work one-on-one with OSU researchers in soil or water resources research involving GIS. Student participants will receive a $270/week stipend, lodging, some meals and travel expenses to/from Stillwater for 2 months beginning June 2, 2003. Students must be U.S. citizens in their junior or senior year and will be selected on the basis of their GPA and experience/coursework involving soil or water resources and GIS.

Additional information can be found at: www.geog.okstate.edu/reu/

Thanks in advance for your consideration.

Drs. Thomas A. Wikle and Michael D. Myers, Project Directors
REU in GIS and Soil/Water Resources
Department of Geography
Oklahoma State University
Stillwater, OK 74078
(405) 744-9173
gjtaw@okstate.edu

***************************************************************
William W. Locke, wlocke@mtech.edu
Department of Earth Sciences
Montana State University - Bozeman
Bozeman, MT 59717-3480
GEOMORPHLIST: geol@geol.listery.montana.edu
http://www.geology.montana.edu/~wlocke/geomorphlist/index.htm
***************************************************************
From: Tracy Brennan
Sent: Tuesday, January 14, 2003 6:13 pm
To: QUATERNARY@morgan.ualr.edu
Cc: 
Subject: Graduate Research Opportunities: Glacial Geomorphology

Appologies in advance for cross-posting.

Please post or announce to potential students.

GRADUATE RESEARCH OPPORTUNITIES

GLACIAL GEOMORPHOLOGY AND PAST ICE SHEET DYNAMICS

I am interested in recruiting talented students to join my vibrant research group exploring PAST ICE SHEET DYNAMICS AND HYDROLOGY. I am especially interested in engaging students (i) with a strong academic record, (ii) with an affinity for field work, and (iii) with experience in, or a desire to learn, digital terrain analysis, aerial photography, geomorphology, sedimentology and/or shallow geophysical techniques.

Potential projects include, but are not limited to:
1. The relative roles of meltwater and ice in glacial landscape evolution
2. Regional trends in Cordilleran Ice Sheet landscapes derived from digital imaging
3. Basal ice sheet thermal regime inferred from till properties
4. Applying electrical resistivity ground imaging techniques to glacial geomorphic problems.

In addition, I am always open to discussing alternative projects so long as they fall within my research interests and expertise.

Financial support is available from a combination of fellowships, scholarships, research assistantships, teaching assistantships and research semester bursaries. Research costs will be covered by secured funding to the program.

Geomorphology is a well-established research specialty at Simon Fraser University and the Glacial Geomorphology Research Program operates in a stimulating research environment with well-equipped laboratories and a wide range of field equipment including field vehicles, boat, an aircraft, a variety of field survey instruments (incl. an RTK DGPS), modern seismic and gisradar systems, a mobile drill rig and most equipment necessary for field-based living and working.

Additional information on the Glacial Geomorphology Research Program can be obtained at http://www.sfu.ca/~tabrenna

Additional information on, and applications for, the Geography Graduate Program at SFU can be obtained at http://www.sfu.ca/geo/Programs/graduate.html or by contacting the Graduate Program Secretary, Marcia Crease (crease@sfu.ca)

Interested applicants should make initial enquiries to Tracy Brennan (tabrenna@sfu.ca Ph: 604 291 3617).

1/15/03 11:36 AM
Friends and colleagues,

Please pass this along to your students. Thanks, Jim

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From the Saturday, March 8th Statesman Journal

County Public Works Seeks Summer Help

Marion County public works is seeking college students who want to work as temporary hires this summer.

The program will place 25 students in a number of public works jobs, including road maintenance flagging, ferry toll taker/bridge crew, clerical, engineering and surveying, computer support and parks. Pay ranges from $8.35 to $9.20 per hour.

Although the idea is to provide students with money for college, the money earned doesn’t have to be spent on books or tuition. It’s a summer job, but only students enrolled in a college or university program are eligible.

The program is meant to encourage continuing education. Applicants must be at least 16 and enrolled in a college or university program. The deadline for applications is March 28. Applications are available at the public works building, 5155 Silverton Road NE or online at http://publicworks.co.marion.or.us/employment/sumstudent/index.htm
Summer Research Program for Undergraduate Students at the Geophysical Institute, University of Alaska Fairbanks. The REU (Research Experience for Undergraduates) program, which is funded by NSF, provides an opportunity for full-time undergraduates majoring in geology, geophysics, physics, or related physical science programs to gain research experience in Solid Earth Geophysics. The program is only open to undergraduate students who will not graduate before September of 2003 and are U.S. citizens or permanent residents of the U.S. Twelve positions will be available.

Students will be assigned to work in one of three 4-member project teams under the supervision of a project team mentor and will develop a research project that can be completed during the summer. Each project team will have a research emphasis. Team 1 will have a focus in Seismology and Deformation in Alaska, team 2 will have an emphasis in Geochronology, Petrology and Volcanology in Alaska, and team 3 will have an emphasis in Remote Sensing in Alaska. Research fields include seismology, volcanology, paleomagnetism, geochronology, geochemistry, geodesy, structural geology, tectonics and sedimentation, glacier, permafrost and sea ice studies, and remote sensing.

The successful applicants will work 40 hours per week for approximately 10 weeks and will be paid $9.50 per hour. A major portion of the travel expenses will also be paid. Students will stay in campus housing for a reasonable fee.

Requests for further information and applications should be directed to Dr. Joug Christensen, Geophysical Institute, University of Alaska Fairbanks, P.O. Box 757220, Fairbanks, AK 99775-7220, Tel. 907-474-7426; e-mail correspondence is preferred, intern@geis.alaska.edu. Applications can be downloaded from our web site at http://www.avo.alaska.edu/Seis/ Input/Intern/. Find out more about the Geophysical Institute on our home pages at http://www.gi.alaska.edu/.

Deadline for receipt of applications for the summer of 2003 is March 3, 2003. The University of Alaska is an equal opportunity/affirmative action employer. Women and minority students are especially encouraged to apply.
PAID SUMMER RESEARCH EXPERIENCE FOR EARTH SCI. UNDERGRADS.

REU Program in Geo-Environmental Systems at the University of Oklahoma. The School of Civil Engineering and Environmental Science (CEES) at the University of Oklahoma is pleased to announce research opportunities for undergraduate students in geo-environmental engineering and science.

Potential research topics span a broad range and include unsaturated soil dynamics, subsurface remediation, physical/chemical/biological processes affecting contaminant transport and fate in the environment, occupational health risk assessment, environmental modeling/GIS, natural and constructed wetlands, and soil and site characterization. Students will receive a stipend of $2700 for the 8-week program (June 2-July 25, 2003), plus housing, travel, and food allowances. Screening of applicants will begin March 3, 2003, but applications will be accepted until all positions are filled. For more information about CEES, the REU program, or to access application materials, visit our web site at http://www.cees.ou.edu/ or contact Dr. Randall L. Kolar, CEES, 202 W. Boyd, Room 334, University of Oklahoma, Norman, OK, 73019, 405-325-4267, kolar@ou.edu.
From: William Locke <locke@huronia.edu>
Sent: Tuesday, April 22, 2003 3:59 pm
To: geomorph-l@listserv.utah.edu
Cc: Bcc
Subject: Undergraduate Research opportunity: paleoenvironments

THANKS IN ADVANCE FOR YOUR HELP IN DISTRIBUTING THIS INFORMATION. Application deadline is May 2, 2003.

Dear Colleagues,
Please share information about this undergraduate research experience along to any sophomores or juniors interested in sedimentology, fluvial geomorphology, or paleontology:

RESEARCH EXPERIENCE FOR UNDERGRADUATES
RECONSTRUCTING RIVERS: Interpreting the Cretaceous Paleo-environment of the Cedar Mountain Formation, Utah

This program is an opportunity for undergraduate students, typically after their sophomore or junior years, to gain significant research experience that involves both field investigation and analog modeling of sedimentary systems. The project will include a one-week introduction to the study of fluvial systems and fluvial stratigraphy, five weeks in the field in northeastern Utah and northwestern Colorado, and two weeks in the laboratories at Gustavus Adolphus College (in St. Peter, Minnesota) and at the Saint Anthony Falls Laboratory at the University of Minnesota (in Minneapolis, about a 75-minute commute from the Gustavus campus).

The goal of the research is to understand the paleo-environments that are represented in the Early Cretaceous Cedar Mountain Formation, through careful observation and analysis of sedimentary structures, characteristics depositional sequences, and paleontological composition. The Cedar Mountain Formation is primarily a fluvial sequence, and previous studies indicate that it was mostly deposited in a fluvial environment, although we also find evidence for shallow ponds and lakes that may have occupied floodplains.

Until the late 1990's, the Cedar Mountain Formation was very poorly studied. Discovery of several critically important vertebrate paleontological sites within the Cedar Mountain Formation has invigorated a strong interest in understanding the environment in which it was deposited. Our research will focus on the physical and chemical sedimentology of the Cedar Mountain Formation, and it is important that participants understand that our research will not directly include any vertebrate paleontology. However, we will have ample opportunities to meet the paleontologists who work within the Cedar Mountain Formation, and to visit museums and active dinosaur quarries during our work.

Application Information can be obtained at:
http://www.gac.edu/oncampus/academics/paleo/index.html

Julie Maxson
Visiting Fellow
Science Education Resource Center
Carleton College
Northfield MN 55057
651 646-5745

[Signature]

4/23/03
LUCKIAME WATERSHED COUNCIL COORDINATOR
POSITION ANNOUNCEMENT

Opening Date: January 4, 2004
Closing Date: January 27, 2004
Start Date: Immediately
Time Frame: Half Time thru June 30, 2005
Starting Salary: $1,250/mo

Section 1: INTRODUCTION
The Luckiamute Watershed Council, located in Monmouth Oregon, is seeking a half time Watershed Coordinator. Funding for this position, through June 30, 2005, is provided through a grant from the Oregon Watershed Enhancement Board. The Polk Soil and Water Conservation District will act as fiscal agent for the grant.

The Coordinator will assist the Council in determining the direction of the Council, developing consistent membership, identifying needs in the watershed, acting as an information resource, help develop and write the LWC Action Plan and coordinate the various projects arising from the soon to be completed watershed assessment. The Coordinator will also seek grant funds, conduct educational related activities that may include, assessing the watershed and providing information to the public, developing an informational brochure, maintaining media contacts for event coverage, writing newspaper articles, organizing presentations to local school groups and other organizations, maintaining a web-site, coordinating community demonstration projects and organizing field trips.

Section 2: POSITION QUALIFICATIONS, DUTIES AND TRANSPORTATION REQUIREMENT
Applicants should, at a minimum, possess a degree in natural resources or related field. Professional level experience in resource planning and management may be substituted for part of the educational requirement. The Coordinator must have good organizational and communication skills and the ability to work with a variety of agencies, volunteers, and landowners. The Coordinator must provide his/her own dependable vehicle, be willing to use it for work-related travel and be willing to accept reimbursement at the current State of Oregon mileage rate. The Coordinator must keep expenses within budgeted travel limits. The Coordinator must possess, or obtain within 30 days, a valid State of Oregon driver’s license and maintain automobile insurance with limits acceptable to the Luckiamute Watershed Council Personnel Committee.

DUTIES (May include but are not limited to the following nor are they listed in any particular order of importance):

- Become familiar with the watershed assessment, facilitate assessment related discussions, and monitor progress of the assessment.
- Explore various funding sources for Council operations, activities, and projects. Keep the Council informed of funding opportunities. Research write, and submit grant proposals after receiving approval from the Council.
- Develop volunteer plans for priority projects.
- Research invasive weed data for the Luckiamute watersheds and schedule relevant speakers, and serve as the LWC liaison with the Willamette Invasive Weed Partnership and other such groups.
- Gather culvert data from landowners, county, state and federal organizations; coordinate development of culvert mapping and database efforts.
- Develop, draft and help the Council meet Work Plan objectives and deadlines.
- Become familiar with, encourage and track ongoing community projects. May involve development of an electronic tracking system.
- Develop contacts and relationships with stakeholders, including landowners, public schools, universities, and the general community.
- Develop internship opportunities, set up training etc.
- Effectively manage Council activities by helping to prepare agendas, distributing meeting information, and coordinating meetings.
- Manage, electronically track and prepare and submit written reports for projects receiving grant funds.
- Provide staff support to Council and Committee meetings.
- Participate in training and networking opportunities as approved.
- Attend bi-monthly Willamette Coordinators meetings.
- Support the Council in implementing watershed programs based on the watershed action plan in cooperation with federal, state, and local agencies, landowners, private groups, and the general public.
- Assist in developing and maintaining a consistent Council membership.
- Assist in the development of contracts with professionals working on Council activities and projects.
THE CITY OF SALEM ANNOUNCES
A SUMMER EMPLOYMENT OPPORTUNITY FOR

ENVIRONMENTAL OR NATURAL RESOURCES STUDENTS

APPLY NOW FOR: PUBLIC WORKS INTERN -
Stream Maintenance Operations Team
(Part time exempt) limited to less than 1,200 hours/calendar year

SALARY: $12.98 / hour

WORK HOURS: 7:00 a.m. to 3:30 p.m. with a 30 minute lunch break
Two, 15-minute breaks

WORK LOCATION: In and around stream bank areas along waterways within
the City of Salem.

WORK DESCRIPTION: This is part time summer work as a crew member
associated with cleaning banks along waterways within
the City of Salem. This is primarily outdoor work in all
types of weather and requires the ability to safely move
over rough terrain. Crew members will cut brush and
trim vegetation, remove non-habitat material from
streams and creeks, all with the purpose of enhancing
natural conditions and reducing flood hazards.

TYPES OF EQUIPMENT USED: Hand tools, shovels, rakes, pruning shears, weed eaters,
chain saws. May operate a motor vehicle requiring a Class C
Oregon Driver's License (with acceptable driving record)

HOW TO QUALIFY: Must have current standing as a graduate or
undergraduate student with major course work in
environmental studies, natural resources, geography,
geology or related field.
From Anne Jefferson <jeffersa@geo.oregonstate.edu>
Sent Wednesday, March 10, 2004 3:21 pm
To hydro_both@lists.oregonstate.edu
Cc
Bcc
Subject field assistant(s) needed for spring/summer

1-3 Hydrology/Geomorphology Field Assistant jobs for Spring/Summer 2004

I am looking for field assistants for the spring and summer of 2004 to help with stream gauging and soils work in the McKenzie River watershed in the Cascades. Part-time work is available in spring quarter and full-time work is available during the summer. Ideally, one person will be hired if available spring and summer, but the jobs could be split, as detailed below. During the summer, we will stay in the field area for several days at a time, in apartment-style housing at the H.J. Andrews Forest and a food per diem will be provided. The pay is $10/hour. Our field area includes spectacular springs and waterfalls, hiking trails, wilderness areas and the Three Sisters.

Job Descriptions:
1. **Spring quarter**: I need someone available on Mondays and/or Wednesdays to help with measuring discharge in streams. You do not need to have experience doing such measurements, but you must be prepared for wet, cold, outdoor work. Field days will be approximately 10 hours.
2. **Early summer**: From the end of finals in June through the end of July, I need full-time help with measuring discharge and lake bathymetry. Experience is not required, but being comfortable and competent in the outdoors and in/on the water is important. We will work 40+ hours/week, with flexible days off.
3. **Late summer**: During August and September, the primary emphasis will be on measuring soil profiles and hydraulic conductivity. Field work will be strenuous at times, and some back country camping may be required. Some soils and/or geomorphology classes or experience would be helpful, and you must be a competent outdoors person. We will also be doing some stream gauging and other tasks as needed. Work will be 40+ hours/week, with flexible days off.

If you are interested, please email me (jeffersa@geo.oregonstate.edu) with your contact information and field experience. Please specify which jobs you are interested in and what your available work dates are. For more information, check out http://www.fel.orst.edu/wpg/research/mckenzie.htm and http://oregonstate.edu/~jeffersa/cascades.htm.

hydro_both mailing list
hydro_both@lists.oregonstate.edu
http://lists.oregonstate.edu/mailman/listinfo/hydro_both

To unsubscribe, send a message to:
hydro_both-leave@lists.oregonstate.edu.

http://mail.wou.edu/frame.html?rtfPossible=true
Title: Yaquina Basin Planning Team Coordinator

Location: Yaquina Watershed including but not limited to Newport, Toledo, Eddyville, Nashville, Harlan, and Elk City.

Salary: $15 per hour. Not to exceed $5000 by June 31, 2005. 30 hours per month in the first four months, 10 hours per month subsequently.

Term: Two years (Feb 2004- June 31, 2005) with possibility for refunding.

Job Description:

- Hold meetings with or arrange presentations for local Yaquina area residents or attending existing community forums to discuss local and regional watershed topics of interest.
- Maintain electronic and postal mail lists, prepare and send regular mailings - Distribute meeting notes. Maintain the Yaquina Basin Planning Team binder with hard and electronic copies of meeting mailers, notes, sign-in sheets, and other activity logs.
- Arrange field trips to visit watershed restoration projects, encourage volunteer restoration or outreach projects, and encourage volunteer participation in these events.
- Act as a communications link between Yaquina watershed residents and the MidCoast Watersheds Council.
- Attend monthly meetings of the MidCoast Watersheds Council Administrative Committee meeting and assure that there is a Yaquina basin representative at each general council meeting. Store information and coordinate efforts with council committees, natural resource agencies, organizations and companies in the watershed.

Qualifications:

- Knowledge of and/or keen interest in learning the Yaquina watershed landscape.
- Preference that person live within the watershed.
- Understanding of general watershed processes and characteristics.
- Self-directed and motivated to increase watershed knowledge in the Yaquina watershed.
- Good people and communication skills.
- Reliable transportation.
- Personal or business computer and Internet access.
- Can be hired as part-time employee or if contractor, meets qualifications for an independent contractor.
- Experience with non-profit organizations, collaborative projects and/or volunteer coordination highly desirable.

Send cover letter (not to exceed 3 pages) that addresses qualifications, résumé, names and phone numbers of three people willing to serve as references, and one writing sample to: midcoast@newportnet.com by 5pm on Thursday, February 19th. Send in MS Word PC format.
April 4, 2003

Prof. Taylor:

This year we are offering a unique summer field course in geomorphology, soils and geoarchaeology. I would be grateful if you would post the enclosed poster and flier and mention the course to any potential students who may be interested.

The course is aimed at juniors, seniors and graduate students who have had at least one course in geomorphology or soils. Because the teaching is personalized and informal, this course also meets the needs of more advanced students with more course work and a professional interest in arid geomorphology and geoarchaeology. The field course will be an intensive, small course with about seven students and one instructor. The course will be team-taught by me, Prof. Dorothy Freidel of Sonoma State University, and Prof. Loren Davis of Oregon State University. The course will be held in the Summer Lake Basin near the town of Paisley in south-central Oregon. This is a scenic high-desert area that offers a rich range of archaeological, geomorphic and soil features for study.

I will be happy to answer questions from any interested students. Thank you for your help in publicizing the course.

Sincerely,

Patricia F. McDowell
Professor
Each employee is allvided an extra benefit per month to be paid into a qualified retirement plan or to offset family medical coverage. This current monthly amount is $150. Salary is $15.25-17.25/hr ($31,720-$35,880/yr), depending on knowledge and experience.

To Apply: Please submit a resume and three references to:
Applegate River Watershed Council
6941 Upper Applegate Road
Jacksonville, OR 97530
Attn: Hiring Committee
- or -
jobs@arwc.org

Closing Date: Application materials must arrive on or before May 21, 2003. No phone inquiries please. Applications sent by FAX will not be accepted for review.

Questions regarding this position should be addressed to jobs@arwc.org

The Applegate River Watershed Council, a subcommittee of the 501(c)(3) Applegate Partnership since 1994, promotes ecological restoration, conservation, and stewardship of the Applegate River Watershed. Ecological and historical assessments, restoration of aquatic and terrestrial habitats, land and water conservation, and environmental monitoring are accomplished with the support and participation of watershed residents. The Applegate River Watershed Council is an equal opportunity employer, providing services to the public without regard to race, sex, color, national origin, sexual preference, religious preference, age or disability.

Seasonal Monitoring Technician
Applegate River Watershed Council
Jacksonville, Oregon

Job Description: The monitoring technician will collect and organize field data in our aquatic monitoring program, and will report to the monitoring program manager. All employment with ARWC is contingent on the successful completion of a 90-day introductory period. This position runs through October 15.

Qualifications: A minimum of a bachelor's degree in a natural resources-related field. Applicants should possess superior communication skills, work well in a team, and feel comfortable working in a community with diverse values. Experience with spreadsheets is required.

Salary: Salary is $11.25-13.25/hr ($22,400-$27,560/yr), depending on knowledge and experience.

To Apply: Please submit a resume and three references to:
Applegate River Watershed Council
6941 Upper Applegate Road
Jacksonville, OR 97530
Attn: Hiring Committee
- or -
jobs@arwc.org

Closing Date: Application materials must arrive on or before May 21, 2003. No phone inquiries please. Applications sent by FAX will not be accepted for review.

Questions regarding this position should be addressed to jobs@arwc.org

The Applegate River Watershed Council, a subcommittee of the 501(c)(3) Applegate Partnership since 1994, promotes ecological restoration, conservation, and stewardship of the Applegate River Watershed. Ecological and historical assessments, restoration of aquatic and terrestrial habitats, land and water conservation, and environmental monitoring are accomplished with the support and participation of watershed residents. The Applegate River Watershed Council is an equal opportunity employer, providing services to the public without regard to race, sex, color,

http://kitty.wou.edu:88/frame.htm?rtfPossible=true

5/12/03
Fellow Rogue Basin Coordinating Council Partners

Please pass these job openings along to anyone you think may be interested. Application closing date is May 21, 2003. I have included the note as both an in-line message and as WORD attachments. Thank you.

Daniel Newberry, Coordinator
Applegate River Watershed Council
6941 Upper Applegate Road
Jacksonville, OR 97530
Voice: (541) 859-9982 x1
Fax: (541) 859-1256
dnewberry@arwc.org

Job Description: The project manager will be responsible for designing, implementing, and reporting on a variety of projects in our monitoring, assessment, restoration, and outreach and education programs. Specific responsibilities include collecting and analyzing existing data, conducting field surveys preparing technical reports, grant writing and reporting, and working with landowners. All employment with ARWC is contingent on the successful completion of a 90-day introductory period.

Qualifications: A minimum of a bachelor's degree in a natural resources-related field and three years of relevant work experience is required. A master's degree may substitute for up to two years of relevant experience. Candidates should have experience in hydrology and/or water quality, conducting field surveys or field research, information gathering and mapping techniques. Applicants should possess superior communications skills, work well in a team, and feel comfortable working in a community with diverse values. Experience with GIS and spreadsheets is required.

Project management and grant writing experience is desired.

Salary & Benefits: Medical, Dental and Optical insurance coverage for the employee and an option to add family members for cost; life insurance, twelve paid personal leave days (vacation and sick combined) per year, six paid holidays per year. After one year of employment leave increases to 18 paid days per year, after four years leave increases to 24 days per year.

http://kitty.wou.edu/88/frame.html?isPossible=true

5/12/03
THE CITY OF SALEM ANNOUNCES
A SUMMER EMPLOYMENT OPPORTUNITY FOR

ENVIRONMENTAL OR NATURAL RESOURCES STUDENTS

APPLY NOW FOR: PUBLIC WORKS INTERN - Stream Maintenance Operations Team
(Part time exempt) limited to less than 1,200 hours/calendar year

SALARY: $12.62 / hour

WORK HOURS: 7:00 a.m. to 4:00 p.m. with a 30 minute lunch break
Two, 15-minute breaks

WORK LOCATION: In and around stream bank areas along waterways within the City of Salem.

WORK DESCRIPTION: This is part time summer work as a crew member associated with cleaning banks along waterways within the City of Salem. This is primarily outdoor work in all types of weather and requires the ability to safely move over rough terrain. Crew members will cut brush and trim vegetation, remove non-habitat material from streams and creeks, all with the purpose of enhancing natural conditions and reducing flood hazards.

TYPES OF EQUIPMENT USED: Hand tools, shovels, rakes, pruning shears, weed eaters, chain saws. May operate a motor vehicle requiring a Class C Oregon Driver's License (with acceptable driving record)

HOW TO QUALIFY: Must have current standing as a graduate or undergraduate student with major course work in environmental studies, natural resources, geography,
BOTANY ASSISTANT 1, BOTANY ASSISTANT 2, AND WETLANDS MAINTENANCE
West Eugene Wetlands Program
Temporary/Seasonal
Applicant Pool

Posted: February 10, 2003
Closing Date: April 18, 2003

First review of applications will be on March 21, 2003

Hourly Rate: Botany Assistant 1--$8.00-$11.00/hr.
        Wetlands Maintenance--$8.00-$11.00/hr.
        Botany Assistant 2/Lead Worker--$11.05-$14.65/hr.

Position No.: None

FY03083

All positions are 40 hours per week, Monday-Friday. The work schedule will likely be five 8-hour days
(7am to 3:30 pm), but hours may vary.

NOTE: This posting is to establish an APPLICANT POOL for temporary seasonal botanist
positions in the Public Works Department. If when openings occur on various crews, this pool of
applications will be reviewed by the hiring supervisor. Placement on the salary scale will depend
on the duties assigned and the experience level of the applicant. Must be age 18 or older in order
to operate a vehicle.

NOTE: Supplemental questionnaire must be attached to your application. If not found attached
to this posting, please contact Human Resource and Risk Services.

General Statement of Duties

Botany Assistant 1 positions will work under the direction of a lead worker (e.g., Botany Assistant 2 or
West Eugene Wetland Program staff).

Botany Assistant 2 positions will be technical leads for the crews and work under the direction of West
Eugene Wetland Program staff. These positions require advanced ability to identify Willamette Valley
native flora. Some Botany Assistant 2 positions will act as lead workers and will receive and provide
direction to other crews.

Seed Collection Team (Botany Assistant 1 and 2): Responsible for collection, cleaning, storage, and
documentation of local Willamette Valley native seed for use in wetland restoration projects. The
majority of time spent will be focused in the field working with others in a team environment.

Botanical Monitoring Team (Botany Assistant 1 and 2): Assist with quantitative wetland plant
community monitoring, non-native species inventory, and analysis of the condition of developing
habitat. The majority of time spent will be focused in the field working with others in a team
environment.

Wetland Maintenance and Operations Team (Botany Assistant 1 and Lead Worker): Performs
NOTE: Seasonal appointments shall not exceed 1560 hours in a calendar year.

RECRUITMENT #: 02 TMP-105/125
DEPARTMENT: COMMUNITY SERVICES/Parks Operations
SALARY RANGE: $18.34-$22.41/Hr
WORK HOURS: 7:30 - 4:30 pm, Monday - Friday.

POSITION DESCRIPTION: This is technical and skilled GIS work in the Parks Operations Division of Community Services. The work setting will include both office and field work. The office work involves responsibility for the technical work of computers with mapping software, such as Pathfinder, ArcGIS 8.x, ArcView 3.4; creation and maintenance of park shape files and databases, including downloading and correcting GPS field data, converting to GIS coverages, and creating maps and building databases; working with city wide digital orthophotography; making complex calculations; creating special purpose maps; gathering, interpreting and compiling information for entry into computer system; and editing of existing map data; reading, interpreting and entering plans; providing GIS data and mapping services to city staff; maintaining and updating parks maintenance maps and BMP data; public interaction; making presentations to groups; effective communication; and other work as required. Field work will include using Trimble GPS equipment to survey, map and record data points and features of city property; perform field work in all types of weather conditions, investigate site conditions; mapping and delineating environmentally sensitive areas in and around wetland and riparian areas; and along waterways; and other duties as assigned.

Experience performing Geographic Information System (GIS) mapping, Global Positioning Systems (GPS) field data collecting, computer drafting and database maintenance; including development and design of base maps and large scale detail maps using a variety of sources; completion of a two year technical program which includes GIS and GPS technology with an associate degree in engineering, surveying, geography, environmental science, or related field; or equivalent experience and training. Candidates must possess considerable knowledge of mapping standards and requirements; knowledge of GIS application programs and GIS database design; GPS mapping techniques, procedures and materials; knowledge of engineering, surveying, and computer mapping; ability to develop and design base maps and detail large scale maps, and aerial photos through computer assisted mapping methods; ability to read and interpret legal property documents; reduce and adjust survey field data to Oregon State Plane Coordinates; use DOS based computer work stations, digitizing equipment and ESRI ArcGIS, ArcView, Auto Cad, Pathfinder, WordPerfect and Quattro Pro software. Candidates must possess the ability to communicate effectively with other employees and the public, work as a team to complete assignments; and possess a valid Oregon Class C driver's license.

SELECTION PROCEDURES: Application and Oral Interview.

OPEN DATE: April 18, 2003 CLOSING DATE: May 2, 2003

TO APPLY: Applications may be obtained from the City of Salem, Personnel Department, Room 225,
QUALIFICATIONS: Previous experience in vegetation sampling; familiarity with basic surveying and mensurational tools (compass, dinometer, diameter tape); and course work in silviculture, forest ecology, or a related field. Candidates must be in good physical condition; able to work long hours; and capable of navigating steep, slash-covered slopes. We seek individuals who are detail oriented, have legible handwriting, and can work and live cooperatively with others.

SALARY: $9.00/hour or more, depending upon experience/qualifications.

DURATION: late June through September 2003

CLOSING DATE: March 1, 2003

TO APPLY: Send (1) handwritten cover letter; (2) typewritten resume; (3) copies of either college transcripts or professional work products; and (4) two letters of reference. The cover letter should include information about your interests and qualifications, your dates of availability, and the names and phone numbers of those who will provide letters of reference.

ALL MATERIALS SHOULD BE SENT TO:

Shelley Evans
Division of Ecosystem Sciences
College of Forest Resources
Box 352100
University of Washington
Seattle, Washington 98195-2100

FOR MORE INFORMATION:

Email: ssevans@u.washington.edu
Phone: 206-543-9792

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FYI. Another opportunity to get students into the woods.

Mark

Dr. Mark Henkels
Public Policy and Administration
(503) 838-8544

----- Original Message -----
From: Max Geier
Date: Tue, 21 Jan 2003 13:25:31 -0800
To: "HENKELS, MARK - Social Science"
Subject: [Fwd: Summer Jobs in Forest Ecology in the Pacific Northwest]

Mark,

Here's another "job in the woods" opportunity--this one with an ecosystem-management approach that may be of interest to some ES types at WOU.

Max

SUMMER JOBS IN FOREST ECOLOGY IN THE PACIFIC NORTHWEST

Field crew positions are available to assist with ecological studies in forests of the Pacific Northwest. Crews will participate in the Demonstration of Ecosystem Management Options (DEMO) project, a long-term study of forest ecosystem responses to structural retention harvests in the Pacific Northwest.

During summer 2003, we will be assessing patterns of tree growth and mortality (both overstory and regenerating trees) in a diversity of experimental treatments and forest types. Field sites are located in western Oregon and Washington.

These positions are best suited to mature, upper-level undergraduates or recent graduates who are giving serious consideration to advanced study or professional work in forest ecology or silviculture. The nature of the work requires extended periods in the field (up to 8 consecutive days). Bunkhouse space is available for portions of the summer, but camping may be necessary at other times.
Earth Science Career Summary – NSM Career Day Sat. November 16, 2002-09-30

The Earth Science portion of the NSM Career Day will include an overview of the BA/BS Earth Science major, an introduction to program faculty, and listing of current initiatives in the Earth Science program. Students will be provided information on the math and science requirements for the major and options for allied minors in other Natural Science disciplines and the Environmental Studies tract at WOU.

The BS/BA Earth Science major at Western Oregon University leads to careers in three broadly defined tracts: (1) K-12 Science Education (interdisciplinary physical science teacher via the MAT certification), (2) Academic Careers (university teaching and research), and (3) Applied Science (environmental science, geotechnical engineering, energy and mineral resources, water resources, government regulatory, and geospatial technology).

The 50-minute session will include multi-media presentations on Earth Science career options, question and answer session, and tours of the WOU facilities.
We expect to fill the position at the Assistant or Associate Professor level.

Candidates should submit a brief description of research and teaching interests including a discussion of how they plan to obtain resources necessary for their research, a summary of experience in guiding graduate students, curriculum vitae, and names of four references to the following:

Greg Miller, Search Committee Chair, Quaternary and Geology, University of Colorado, Boulder, CO 80309-0109. We will review applications after October 15, 2002, but continue to accept applications until the position is filled. The University of Colorado is an equal opportunity/affirmative action institution.

Position in Quaternary Geology/University of Colorado—Boulder. The Department of Geology and Geophysics at the University of Colorado seeks a Physical Geologist for an assistant professor position. Distinguished scientists at the associate or full professor level are encouraged to apply. A starting date of July 1, 2003 is anticipated. We are seeking an individual who can make significant contributions to the broad area of structural geology. This is a 9-month position.

A Ph.D. is required in either the physical sciences or geology at the time of the appointment. The successful candidate is expected to develop an active teaching and research program with a view toward new geologists and graduate students. Teaching responsibilities include courses at both the undergraduate and graduate levels. Applicants should submit a resume, statement of research and teaching interests, and the names and addresses of at least three referees to: Drexel Johnson, Search Committee Chair, Dept. of Geology & Geophysics, University of Wisconsin—Madison, 1170 W. Dayton St., Madison WI 53706-1690. The application deadline is November 15, 2002.

* Note: For additional information, please visit our website at: www.earthsci.wisc.edu/AAS/.
Description of Position

This position is with the U.S. Geological Survey, Office of the Regional Director, NE Region, located in the Illinois District, Mt. Vernon, Illinois. The selectee of this position will perform the following duties: Take routine stream discharge measurements where uniform and established methods are used and prescribed by hydrologist. Review gage-height data and discharge measurements to check methods and accuracy of computations. Collect, compute, process and check routine sediment samples where uniform and established methods exist. Enter sediment data into water-quality and/or daily-values file using automated systems. Perform maintenance and servicing of routine sensing and recording equipment. Participate in inventory and troubleshooting of hydrologic instrumentation in the office. Calibrate meters and analytical equipment using established techniques and protocols. Follow verbal instructions in field activities, respond to queries for measurements, gauge readings, etc., and record written notes of professionals and assist in preparing a variety of written reports and scientific papers. Assist in simple gage and supporting structure construction and removal activities. Perform routine safety inspection of equipment and work areas.

Incumbent must be able to operate a Government-owned or leased motor vehicle. A valid State driver's license is required.

Qualification Requirements

For information on qualification requirements please click on the following: http://www.usgs.gov/oar/oars/quals/1316.html Applicants must meet all qualification and eligibility requirements for the position by the closing date of the announcement.

If qualifying for this position based upon completion of specific academic coursework, proof of coursework MUST be provided within 48 hours of the closing date of this announcement in order to be considered.

Education completed in foreign colleges or universities may be used to meet the above requirements if you provide acceptable documentation that the foreign education is comparable to that received in an accredited educational institution in the United States. It is your responsibility to provide such evidence when applying in order to be considered for this position. Click here for additional information on acceptable documentation.

Basis of rating: Applicants will be rated on the extent and quality of experience, education, and training relevant to the duties of the position. Eligible applicants will receive a numerical rating based on their responses to the application questions for this position submitted on-line via OARS. These responses must be substantiated by the resume submitted. Applicants who do not respond to the application questions may be rated ineligible.

To be basically qualified for this position, applicants must meet the OPM minimum qualification standard and any identified selective factor. The selective factors for this position are: Selectee must be able to operate a Government-owned or leased motor vehicle. A valid State driver's license is required.

Travel/Relocation Information
Vacancy Announcement
USAJOBS Control No. TS7757&nbsFO

www.USAJOBS.opm.gov, the U. S. Government's official source of job information, provides this information to the public at no cost.

US Geological Survey

**PLEASE READ ALL INFORMATION CAREFULLY**

ANNOUNCEMENT NO: ER-2002-0378

OPENING DATE: 09/11/2002

CLOSING DATE: 09/24/2002

Who May Apply

Applications will be accepted from all U.S. citizens.

General Information About This Announcement

ANNOUNCEMENT NUMBER: ER-2002-0378
TITLE: Hydrologic Technician
PAY PLAN, SERIES, AND GRADE: GS-1316-04
NUMBER OF POSITIONS TO BE FILLED: 1 position to be filled.
PROMOTION POTENTIAL: GS-10
LOCATION OF POSITION: Mt. Vernon, IL
SALARY: $22,078 (Step 1) to $28,697 (Step 10) *First time hires to the Federal government are typically hired at the Step 1.
TYPE OF APPOINTMENT: Permanent
WORK SCHEDULE: Full-time
OPEN: 09-11-02
CLOSE: 09-24-02
CONTACT:
DOI, U.S. Geological Survey
Office of Personnel
12201 Sunrise Valley Drive
MS-157, Room 2B311
Reston, VA 20192
FAX: (703) 648-4113
TTY: 703-648-7417
Attn:
Melody Sutherland, 703-648-7470, msutherli@usgs.gov
**OCHOCO NATIONAL FOREST**

"Caring for the Land and Serving People"

**Biological Science Technician**

The Paulina Ranger District of the Ochoco National Forest will soon be advertising a Biological Science Technician position with a target grade of GS-0404-7. This permanent seasonal position will be located in Paulina, Oregon.

PLEASE NOTE: The purpose of this Outreach Notice is to determine the potential applicant pool for this position and to establish the appropriate recruitment method and area of consideration for the advertisement. (e.g., service-wide, region-wide, government-wide, or DEMO). Responses received from this outreach notice will be relied upon to make this determination. **Reply date is prior to April 4, 2003.**

**THE POSITION**

The incumbent will serve as a principal assistant to the District Fisheries Biologist and Hydrologist with responsibility for managing district programs, which include reference reach, stream restoration (design and implementation), watershed monitoring (stream temperature, discharge, and restoration), and fisheries population assessments. He/she may supervise a seasonal workforce involving 1 – 3 individuals. This position will have additional shared duties with the District range program. These duties will involve assisting the District Range Conservationist with riparian and upland utilization monitoring, riparian pasture fence assessment, and implementing pasture improvement projects. In addition, he/she may be utilized by the District Wildlife Biologist or Soils Scientist to implement habitat enhancement projects and soils surveys.

**THE PAULINA RANGER DISTRICT**

The District employs approximately 29 permanent and 25 temporary employees, and administers:

- Activities on approximately 225,000 acres of publicly owned land.
- Two fee campgrounds, nine Rustic Camps and a large number of dispersed sites
- Five special use permits.
- 16,000 AUMs in grazing permits.
- Approximately 40 miles of recreation trails and the Black Canyon Wilderness.
- An active watershed and stream restoration program.

The elevation of the District ranges from approximately 3500 feet to 7000 feet and covers vegetative types that range from sagebrush to subalpine fir. Ponderosa pine types cover about two-thirds of the District and mixed conifer forest the remaining third. The climate is hot and dry in the summer and cold (although rarely below zero) and sometimes snowy in the winter. There are four distinct seasons.
From: William Locke
Sent: Friday, March 21, 2003 1:15 pm
To: geomorph-l@listserve.montana.edu
Cc:
Bcc:
Subject: Process Geomorphologist/Hydraulic Engineer Position; Seattle, WA

From: Tim Abbe

Friends and colleagues,

We are looking for outstanding candidates for the following position. Please post and pass on the following announcement to recent graduates or colleagues who might be interested. Wishing you all the very best,

Tim Abbe

> Herrera Environmental Consultants Inc., an environmental engineering/science firm, seeks candidates for the following positions for our Seattle office:

Process Geomorphologist / Hydraulic Engineer: Engineer to work on a wide range of applied and research projects in the Pacific Northwest. The position involves developing and applying scientific and engineering solutions to rehabilitate fluvial, estuarine and coastal habitat and provide environmentally sensitive, sustainable solutions for human communities and infrastructure. Herrera offers an excellent work environment and long-term career growth potential.

Skills and Expertise:
M.S. in geomorphology, geological sciences or civil engineering or 5 years experience in surficial processes;
Academic training and experience with a focus on fluvial or coastal geomorphology;
Excellent field skills in geomorphic mapping, channel and shoreline surveys;
Excellent writing and communication skills;
Expertise in the following areas--GIS (ARC VIEW, Spatial Analyst), Open channel and coastal hydraulics, Sediment transport and budgets, Hydrology, Mechanics,
Project management skills.

Desired Experience:
Hydraulic modeling, Pacific Northwest systems, Consulting experience, Slope stability analysis, Physical effects of woody debris, Erosion analysis,
Proposal, scope of work, and budget preparation

Send cover letter and resume to:
Herrera Environmental Consultants
Personnel Department
2200 Sixth Avenue, Suite 1100
Seattle, WA 98121
Fax: 206-441-9108
E-mail: hec@herrerainc.com

For additional information please contact:
Tim Abbe, Ph.D., L.G.
From William Locke <wlocke@montana.edu>
Sent Sunday, May 4, 2003 2:21 pm
To geomorph@userserv.montana.edu
Cc
Bcc
Subject Watershed Specialist position; Bozeman, Montana

Watershed Specialist; Bozeman, Montana

Confluence Consulting is an industry leader in the study, design and management of aquatic resources. Since 1997, we have provided services to engineers, architects, planners, government agencies and private landowners nationwide. Our multidisciplinary team of natural resource professionals develops streamlined solutions for any aquatic resource problem. Currently, we are interviewing highly motivated watershed scientists to join our team.

In addition to an MS degree and five or more years experience in watershed assessment, planning and restoration, our top candidates will possess the following qualifications:
- Experience in data collection and analysis, including study design and evaluation, sampling and analysis planning, testing, water quality modeling, field data collection, site monitoring and sampling, record maintenance, evaluation of hydrological and hydrogeological data, and assessment;
- Demonstrated ability to lead project management and experience to manage all aspects of river and wetland systems investigations, including resource planning and the ability to supervise crews;
- The ability to use writing skills to present reports and to provide clear and concise recommendations;
- Willingness and ability to travel throughout the intermountain West and the U.S. and to work under challenging field conditions for extended periods of time; and
- Expertise in hydrology, fluvial geomorphology, limnology, stream ecology, botany, environmental engineering or another related field.

Confluence maintains a fun and dynamic work environment in scenic Bozeman, MT. As a member of the Confluence team, you can expect to work on challenging projects, such as TMOL development and implementation, watershed planning, stream restoration, bank stabilization, and the assessment of biological, morphological and chemical status of streams, rivers and lakes.

If you are interested in exploring this opportunity further, send your resume and cover letter today:
Kevin Boylan
CIO Confluence Consulting, Inc.
P.O. Box 1130
211 N. Grand, Suite E
Bozeman, MT 59771
FAX: (406) 582-9142
kevinb@bridgerpeaks.com
www.confluenceinc.com

William W. Locke, wlocke@montana.edu
Department of Earth Sciences

http://kittv.wou.edu:88/frame.html?rtfPossible=true

5/7/03
Greetings colleagues,

Please bring this program to the attention of qualified and interested students. Please contact me for additional information.

Mark

Student Summer Internship:

Geologic Mapping in the Little Missouri Badlands of western North Dakota

with the North Dakota Geological Survey

May-August, 2002

The North Dakota Geological Survey invites undergraduate students to apply for a paid summer internship to participate in the geologic mapping of six 7.5-minute quadrangles in the scenic and historic Little Missouri Badlands of western North Dakota. Selected students will participate in air-photo interpretation, digital cartography, and description and mapping of Paleocene-age terrestrial sedimentary rocks and Quaternary sediments. The Little Missouri Badlands is a highly dissected terrain with steep topography. Field work typically involves hikes of a few miles per day. Summertime temperatures vary from near freezing to greater than 100°F. Encounters with wildlife, including rattlesnakes, are a constant possibility.

The summer program runs for six to 10 weeks. The starting and ending dates are flexible to accommodate various school calendars and geology summer-camp schedules. Students will receive a minimum of $400/week. An additional $500 will be available to cover some field expenses.

Preference will be given to students who will use the opportunity to pursue an independent research project, such as a senior thesis. The identification of a research topic should be done in joint consultation with geologists at the NDGS and with a faculty advisor from the student's school. Students are advised to speak with geologists at the NDGS prior to submitting an application. In addition, preference will be given to those students who have demonstrated experience in field methods, sedimentology/stratigraphy, geomorphology, and GIS.

Eligibility: The program is open to students who are currently enrolled and pursuing a bachelor's degree. Student must be a citizen or permanent resident of the United States or its possessions. Applicant must possess a valid driver's license. Duties require the student to be able to perform strenuous physical work outdoors.

Application materials: Applicants should submit a cover letter, transcripts, and a statement
other watershed projects and planning processes.

6. Incorporate native plant and vegetation community assessments, reviews and input in CTUIR and other watershed projects and planning processes.

7. Assist with development of CTUIR grazing, forestry and other regulatory code revisions, regulations, and planning documents

8. Work with GIS staff to develop integration of GIS methods and products in the EPRP Program.

9. Identify data and research needs, and when appropriate assist with resource inventories and data collection.

10. Oversee water quality monitoring planning, deployment, data collection and reporting on Reservation.

11. Coordinate above activities with Tribal, Oregon Dept. of Fish and Wildlife, Washington Dept. of Fish and Game, Umatilla/Wallowa-Whitman/Malheur National Forests, Bureau of Reclamation and other entities, agencies and landowners.


13. Prepare grant applications, including work plans and budgets.

14. Supervise seasonal and other employees.

**MINIMUM QUALIFICATIONS:** (It is the responsibility of the applicant to demonstrate he/she does meet all the following minimum qualifications).

1. Education:
   a) Bachelors (B.S.) or higher degree in natural resource related discipline (i.e. science, engineering or natural resources) with natural resource management-specific and/or water resources education and/or training; and/or
   b) Master of Science or higher degree in riparian ecology, wetland ecology, forest ecology, hydrology, watershed engineering or closely related field.

2. Experience:

   With a B.S: 3 years experience in, and demonstrated working knowledge of, applied watershed restoration-hydrology project planning, design and implementation, and riparian vegetation assessment, planning, project design and implementation, or closely related experience; preference will be given to those applicants with three or more years of related experience. Experience with relational data bases, GIS and modeling preferred;

   With a M.S. or higher: 1 year experience in, and demonstrated working knowledge of, applied watershed restoration-hydrology project planning, design and implementation, and riparian vegetation assessment, planning, project design and implementation, or closely related experience; preference will be given to those applicants with one or more years of related work experience. Experience with relational data bases, GIS and modeling preferred.
Position Title: Riparian Ecologist or Watershed Hydrologist

Supervisor: DNR/EPDP Program Manager

Location: DNR/EPDP Office

Salary: $2796.00 - $3414.00 per month

Employment Status: Full Time w/benefits

Objective: Provide technical interdisciplinary team leadership, oversee water quality/watershed restoration projects, plan/design/implement watershed restoration projects.

Opening Date: Immediately

Closing Date: Open Until Filled

General Statement of Duties: This position will be responsible for watershed scale scoping, planning and implementation of floodplain and subwatershed protection and restoration projects. Responsibilities will include data collection, data management and analysis, restoration project management, and technical review of Tribal and non-Tribal watershed and wetland initiatives. Position will be expected to coordinate data collection and analysis and restoration project work with local, state and federal government agencies and with private landowners, where appropriate.

Duties include the following:

1. Provide interdisciplinary team leadership to oversee watershed restoration project planning, design and implementation;

2. Oversee water quality projects and initiatives. Act as technical representative on grant-funded projects/contracts.

3. Coordinate with and present briefings/reports to appropriate Tribal policy committees and commissions (Fish and Wildlife Commission, Cultural Resources Commission, Natural Resources Commission, etc.), Board of Trustees and DNR.

4. Provide technical oversight of CTUIR involvement in Umatilla River and other subbasin IMSCs.

5. Incorporate hydrologic assessments, reviews and input in CTUIR and
INTERNSHIP OPPORTUNITY DESCRIPTION

Agency: Employment Department
Section/Division: Research Section
Contact: Pam Nass
Telephone: (503) 947-1469 e-mail: Pamela.S.Nass@state.or.us
Address: 875 Union Street NE, Salem, OR 97311
Application Procedure: Submit PD 100 (State Application Form) (which can be downloaded from State Jobs Page at http://www@oregonjobs.org) to address above or fax to (503) 947-1318. Attention: Pam Nass
Application Deadline: August 23, 2002

Position

Title: Information Specialist 1 – Geographic Information Systems (GIS)

Description of Assignment:

Will assist in Administrative Boundary Framework development in cooperation with the Oregon Geographic Data Clearinghouse and the Administrative Framework Integration Team (A-FIT).

Will assist in compiling geographic boundary data by performing some or all of the following tasks:

♦ Re-projecting data themes
♦ Merging and mosaicing data coverages
♦ Editing geographic linework
♦ Updating and revising data attribute files
♦ Digitizing linework
♦ Registering data with the Geodetic Control Data Base (GCDB)
♦ Document data products using the Federal Geographic Data Committee (FGDC) metadata standards
♦ Prepare user’s guide to data sources, documenting process used to produce the data products.

Special Skills/Qualifications Needed:

♦ Knowledge of mapping/cartography/GIS
♦ Prefer experience using ArcView/ESRI products
♦ Prefer experience using digitizer
Natural Resources Consulting Engineers, Inc. (NRCE) is a civil, environmental, and water resources consulting firm that provides a wide variety of professional services from its offices in Fort Collins, Colorado; Berkeley, California; Albuquerque, New Mexico; and Eritrea, East Africa. NRCE employs highly experienced technical professionals in diverse areas of science and engineering.

NRCE has part-time entry level openings in the Berkeley office for Hydraulic Engineers, Water Resources Engineers, and Groundwater Hydrologists.

Hydraulic Engineer: Student should be familiar with hydraulic structures, pump stations, water treatment, and wastewater facilities design.

Water Resources Engineer: Student should have familiarity with hydrologic modeling (examples being RiverWare, HEC-1, HSPF, PRMS) and/or hydraulic design and modeling. A background in stream flow/channel morphology is preferred.

Groundwater Hydrologist: Student should be familiar with geologic investigations, aquifer characterization, well installation monitoring, well testing, and groundwater modeling. An interest and coursework in water supply development and groundwater contamination characterization and monitoring is preferred.

All positions require at least a junior level in a B.S. degree program, excellent written and oral communication skills and the ability to travel. EIT registration and B.S. are desired. Please send resume and cover letter to:

Paul Hamai, PE
NRCE, Inc.
1250 Addison St, Ste 204
Berkeley, CA 94702
E-mail: phamai@nrce.com

Familiarity with ArcView/ArcInfo, AutoCAD, GPS systems, and remote sensing are a plus. Student will provide technical support for projects related to water resources, irrigation, and water infrastructure. All positions are part-time, not to exceed 20 hours per week.

Salary will be commensurate with experience, education, and technical skills. NRCE, Inc. is an equal opportunity employer.

This message has been sent to subscribers of the Lyris email list hydro_faculty@lists.orst.edu. To subscribe, unsubscribe, or see who’s on the list, please go to the Water Resources Email webpage: http://ossi.orst.edu/groups/hydro/email.html.

If you have questions about the list, please write the list managers at hydro_faculty-owner@lists.orst.edu.
OREGON DEPARTMENT OF TRANSPORTATION
presents a career growth opportunity:
STUDENT ENGINEERING SPECIALIST

LOCATION AND SUPERVISOR:
Salem - Bernie Jones, Research Manager (503) 986-2845

DURATION AND APPROXIMATE HOURS PER WEEK:
40 hours per week; summer term (June-September 2002.)

INTERNSHIP/WORK EXPERIENCE (PAID OR UNPAID):
Paid experience: Completed Freshman Year: $1573 per month
Completed Sophomore Year: $1648 per month
Completed Junior Year: $1727 per month

GENERAL DUTIES:
This position will be with ODOT’s Research Group. The Research Group coordinates, and conducts research activities for the Department in a wide variety of subject areas, including bridge, pavements, highway safety, geotechnical, environmental, planning, and human factors.

General duties of this position are:
• Conduct literature reviews.
• Collect field data for a variety of research topics.
• Assist in field inspections on pavement related research.
• Assist in database development including linking information tables used to monitor contacts and track completed road maintenance training.

DESIRED EDUCATION BACKGROUND:
Pursuing degree in engineering, applied or social science disciplines. Computer experience with databases and spreadsheets is highly desirable.

TO APPLY:
Submit a resume, copy of college transcript and cover letter describing your related experience and coursework, and how this opportunity fits into your career goals.
Mail your application packet to:

Applications will be accepted through May 15, 2002.
people choose to commute to Boise from the rural setting of Canyon County, where home prices are below that of Boise City and the quality of life is quiet and laid back. The median home price in Ada County is $119,900 and in Canyon County it is $86,900. Rental prices range from $700-$1,000/month and start at about $500+a month for apartments or condos.

There are full medical facilities which include two regional medical centers, a V.A. hospital, two psychiatric hospitals, a rehabilitation hospital and 17 Nursing Homes. Churches for all denominations are also available. There are several exceptional elementary schools, middle and high schools, private schools and day care facilities. Complementing the area’s schools system is the presence of Boise State University, the largest university in the state of Idaho.

Climate in the Boise area offers a wide variety through the four seasons. It is characterized by a mean temperature of 51 degrees Fahrenheit; average annual precipitation of 12.11 inches, average annual snowfall of 20.9 inches, and an average wind velocity of nine miles per hour. While averages are often deceiving, the extreme temperatures of cold and hot are still very comfortable, with typically low humidity, a sparse snowfall in the winter, and a frequent mild breeze. Adjacent mountain areas have greater snowfall, making winter recreation very accessible. Major recreation areas include boating, fishing, swimming, camping, and picnicking.

Boise news and entertainment needs are serviced by 29 radio stations, 6 television stations, numerous cable/satellite communications companies, 2 daily newspapers, and 3 weekly newspapers. Media includes daily and weekly newspapers, radio stations, and network and cable TV.

Other related websites to visit our Boise area: www.Boise.org, or www.fs.fed.us/rm.
EARLY OUTREACH NOTICE

U.S. Forest Service
Rocky Mountain Research Station
Boise, Idaho

RESEARCH GEOMORPHOLOGIST, GS-1301-11/12/13
Salary: $45,285.00 - $64,542.00 per annum

The Rocky Mountain Research Station will soon be advertising for a GS-1301-11/12/13, Research Geomorphologist with a strong background in fluvial and hillslope geomorphology. Applicants must have completed a PhD in geology or geomorphology. The position will be filled as a permanent position, located in Boise, Idaho at the Forestry Sciences Laboratory. This notification is being circulated to inform prospective applicants of this upcoming opportunity and to determine interest in the position.

APPOINTMENT INFORMATION: This is a permanent, full time, career-conditional appointment. The selectee will be eligible for health and life insurance, annual (vacation) and sick leave and will be covered under the Federal Employees Retirement System.

PRIMARY RESPONSIBILITIES: The appointee will be a research scientist with responsibility to develop an individual program of research and to collaborate with other hydrologists, geomorphologists, and fisheries biologists in the work group. As a researcher, the incumbent will be responsible for conceptualizing, planning, conducting, and reporting results of independent and joint research. While some internal funding is available to support the work, the scientist will also need to develop external funding for conducting research. The primary mission of the research unit is to conduct research on aquatic and terrestrial processes and the effects of disturbances. Some of the research is expected to lead to decision support models and tools directly assisting land management agencies in finding and selecting alternatives that lead to diverse resilient and sustainable aquatic ecosystems. The incumbent may supervise a full time hydrologist technician.

STAFF SETTING: The position is with Research Work Unit, RMRS-4353, Integrated Research to Develop Decision Support Tools for Management of Aquatic and Terrestrial Ecosystems at the Boise Forestry Sciences Lab. The research team is composed of fishery biologists and hydrologists, and works with a variety of questions related to watershed processes and aquatic ecosystems, including natural and human disturbance effects on hydrology, sediment transport, coarse wood and aquatic habitat. Administrative supervision is by the Team Leader for the watershed staff.

To express your interest or for specific information about the position, please contact Jack King or Charlie Luce at (202) 373-4340 or e-mail at jking@fs.fed.us or cluce@fs.fed.us. Please include a reference from your current employer, your e-mail address, and phone number by June 21, 2002.

If you are interested in the position and would like to receive notice of the formal announcement contact Cindy Quintana - equintana@fs.fed.us or phone: (801) 652-5242, fax: (801) 675-5722 by June 21, 2002.

WORK SETTING: Boise is the capital city of Idaho with a population of approximately 250,000. Average housing prices in Boise City range from approximately $70,000 to $1,900,000, however many
Position: Summer Intern
Hours: 8 hour days Monday-Friday and a week cannot exceed 40 hours
Time Period: 10-12 weeks
Remuneration: This is an hourly paid position. In accordance with ESRI corporate policy, pay scale is not publicly posted, advertised, or discussed. Questions about hourly rates will be answered by the ESRI-Northwest Regional Manager, or by the ESRI personnel department during the interview process.
(Editors Note: The hourly rate is significantly more than minimum wage, but you won’t be getting rich either.)

Description of the 2002 Internship
The intern would function as an assistant to regional office technical staff. Projects assigned to intern would involve the development of application(s) that help the technical staff in the presentation of our software products or assist the various systems, or programs in the office. Projects reserved for our intern are typically, GIS application development efforts that span a 10-12 week period of concentrated effort. This includes the formulation, design, execution, and presentation of a complete GIS project. The choice for the internship project is dependent on the skills the intern has. Projects often involve working with cutting (bleeding) edge technology and beta versions of upcoming software releases. (Patience is a must ;-)

Some past internship project examples:
Development of a spatial metadata server that assists ESRI-Northwest staff in the cataloguing of spatial data sets used in software demonstrations and training materials.

Creation of a large raster data server that contains all of the scanned USGS 24,000 Scale Quadrangles for the ESRI-Northwest region (Idaho, Oregon, Washington, and Montana).

Qualifications of the intern:
A qualified candidate for an internship with the ESRI-Northwest office would have the following qualifications:
- Working knowledge of GIS technology (ArcView, ArcInfo, etc.)
- Working knowledge of standard office productivity tools (Word, Excel, Email, etc)
- Experience with database technology such as Microsoft Access, SQL Server, or equivalent is an advantage, but not required.
- Experience with structured programming (Avenue, Visual Basic, C++, etc.) is an advantage but not required.
- Candidate must have good work habits (be on time, reliable, etc)

How to Apply:
Send a cover letter and resume by March 15, 2002
TO: John Sharrard, ESRI-Northwest, Technical Staff Coordinator
By mail: 606 Columbia Street, NW, Suite 300, Olympia, WA 98501
By email: jsharrard@esri.com

Please direct any questions to the email address above, or call John at (360)544-4727 ext 8920
Geomorphologist. Pacific Watershed Associates, a geologic consulting firm, is looking for a qualified, applied geomorphologist to work throughout Northern and Central California. Requirements: BS and minimum of 3 yrs experience in relevant earth science. Job requires overnight and weekly travel. Strong writing and communication skills needed. Salary and benefits DOE.

Contact PWA PO Box 4433 Arcata CA 95521 or 707-822-5130, pwa@northcoast.com.
From: William Locke
Sent: Monday, April 1, 2002 12:20 pm
To: geomorph@listserv.montana.edu
Cc:
Bcc:
Subject: Career Position For Geomorphologist

Forwarded by Tom Carlson [ccarlson@montana.edu]

Jones & Stokes in Sacramento just opened up a new position for a Geomorphologist with 0 to 3 years experience. It's a great job with a lot of growth opportunity.

Selected candidate will conduct field assessments of stream channel conditions and stability and sediment transport in support of watershed investigations and habitat restoration plans; conduct environmental impact assessments with respect to geology, seismicity, and soils in support of California Environmental Quality Act and National Environmental Policy Act documents; and assist with other work as required. Requires BS in geology, earth sciences, geomorphology, or related field. 0 to 3 years of experience with environmental consulting firm, resource agency, or academia; familiarity with California geology and environmental geology issues; excellent written and oral communication skills and strong organizational and interpersonal skills. Proficiency in using computer software, including Word and Excel.

Sincerely,
Bill Warwick
Human Resources Manager
Jones & Stokes
2600 V Street
Sacramento, CA 95818
(916) 739-3009
(800) 388-5180 ext. 3009
Fax: (916) 737-3048
E-mail: bwarwick@jsanet.com

******************************************************************************
William W. Locke, wlocke@montana.edu
Department of Earth Sciences
Montana State University - Bozeman
Bozeman, MT 59717-3480
GEOMORPHLIST: mailto:geomorph@listserv.montana.edu
http://www.homepage.montana.edu/~rswad/geomorphlist/index.htm
******************************************************************************
Environmental Opportunities

At Hart Crowser our goal is to deliver smarter solutions to environmental issues for our clients and communities. Continued growth has created immediate and challenging opportunities within our Seattle and Edmonds offices.

Water Resources Engineer

Continued growth in our Seattle Natural Resources group has created excellent opportunities for junior and senior level Water Resources Engineers. Successful candidates will possess degree in Civil Engineering (MS preferred) with 2-10 years experience in hydraulic engineering & design, surface water hydrology, design of storm drainage improvements and hydraulic/hydrologic computer program proficiency.

Geomorphologist/Hydraulic Engineer

Pentec Environmental, the Natural Resources division of Hart Crowser located in Edmonds, has challenging opportunities for staff in the areas of Hydraulic Engineering and Geomorphology. We are seeking candidates with MS Environmental Engineering, Hydrology, Geomorphology, River Engineering, or related field, and exp. involving sediment transport, river and/or stream restoration and design, habitat restoration, and modeling. This position will involve fieldwork.

If you are interested in challenging projects within a comfortable and professional work environment, we encourage you to forward your confidential resume to: 1910 Fairview Ave. E, Seattle, WA 98102, or glh@hartcrowser.com

Hart Crowser, Inc.
Pentec Environmental
An Affirmative Action/Equal Opportunity Employer
Three years of experience in evaluating slope stability in forested environments. AND

Licensure as a professional engineering geologist in the State of Washington, or sufficient experience to qualify for licensure as a professional engineering geologist. Licensure must be obtained within six months of employment.

Two additional years of post Bachelor's degree professional geologic experience will substitute for the Masters degree.

EXAM

GENERAL SKILLS:

1. Describe your experience doing geologic mapping projects of greater than two months. List and briefly describe projects completed. You may include field camp as a project. Cite any maps you published. Be sure to specify length of each project.

2. Describe your experience and education in the use of the following computer applications: word processing, databases, modeling, spreadsheets, geographic information systems, and image processing.

3. Cite all published and unpublished technical reports, related to the duties of this job, that you have written or co-authored. Include these and/or dissertations of advanced degrees.

4. Describe your experience giving oral presentations including the types of audiences (e.g., professional organization or public meeting.)

ENVIRONMENTAL GEOLOGY:

5. Describe your experience evaluating geologic hazards, with specific reference to length of time spent on projects. Describe your role in each:
   a. Field evaluation and engineering analysis
   b. Report preparation and writing

6. Describe your experience in Quaternary geology and geomorphology including details of your mapping experience in Quaternary sediments and general geologic hazards.

7. List all college-level course work (including quarter or semester credits) in each of the following categories of study:
   a. Rock and/or soil mechanics
   b. Engineering geology
   c. Quaternary and/or surficial geology
   d. Hydrology/hydrogeology
   e. Geomorphology

Keep a copy of your application and exam responses. You may be asked to provide them if contacted for an interview.

This announcement is published by the Washington State Department of Personnel. The State of Washington is an equal opportunity employer. Persons with a disability who need assistance in the application or testing process, or those needing this announcement in an alternative format, may call (360) 664-1960 or Telecommunications Device for the Deaf (360) 664-6211. For questions about this recruitment call (360) 664-0260.
State of Washington

Job Opportunity

Recruitment # 1-2-144-OC-S   LLL
Job Class: 63280
Open to the Public

GEOLOGIST 3
$3291-4216 per month (range 53)

Opens: March 20, 2002
Applications are due by 5:00 p.m. on: April 24, 2002

LOCATION
There is one current vacancy with the Department of Natural Resources in Enumclaw (17.5). This register will be used to fill vacancies as they occur throughout the state.

DUTIES
Provides professional geologic and geotechnical consulting services and recommendations to region field, office, and management personnel on proposed management practices, plans, and activities related to slope stability, soil erosion, and stream sedimentation on lands managed by the state. Conducts engineering geology studies and geologic mapping projects for the region and is responsible for professional consultation on engineering geology with field managers, engineers and foresters.

NOTE: These positions will involve travel throughout Washington State. Applicants must indicate willingness to travel by marking the appropriate box on the application. Per diem and a motor pool vehicle will be available for that purpose.

WHO MAY APPLY
This recruitment is open to anyone who meets the requirements.

Even though you may be on other registers for this class, you must reapply if you wish to be considered for this separate register.

HOW TO APPLY
Initial screening will be based solely on the information contained in your application form.
Send a completed Washington State Job application:

Department of Personnel
Applications Unit
600 S. Franklin St.
PO Box 47561
Olympia, WA 98504-7561

SPECIAL REQUIREMENTS

Eligible applicants must have a Masters degree in geology or closely related field AND
From: William Locke

Sent: Wednesday, April 3, 2002 12:55 pm

To: geocorph@listerv.montana.edu

Cc:

Bcc:

Subject: Rio Grande Restoration Task Force Coordinator Position

Forwarded by: Bill Locke [wlocke@montana.edu]

The Rio Grande Headwaters Restoration Task Force seeks a coordinator to lead implementation of interdisciplinary restoration of the Rio Grande, San Luis Valley, in Colorado. Job requires grant writing, communication and consensus building skills among diverse interests. Education and/or experience in river and irrigation systems, river ecology and river restoration techniques is desirable. Salary range from $30,000 to $45,000 plus benefits, but commensurate with education and qualifications.

If interested, contact the San Luis Valley Water Conservancy District, PO Box 509, Alamosa CO 81101, 719-589-2236, slvwd@nango.net for more information.

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Bozeman, MT 59717-3480
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http://www.tritrepac/montana.edu/~jessal/georphiclist/index.htm
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GRADUATE RESEARCH ASSISTANTSHIP IN FLUVIAL GEOMORPHOLOGY

RESPONSIBILITIES: The student will participate in a collaborative study integrating fish ecology, fluvial geomorphology, and watershed science. The project involves sampling fish, inventorying aquatic habitat, and assessing riparian land use in selected streams of eastern Oklahoma. A goal of the project is to develop information for the restoration and enhancement of habitat for stream fishes and fisheries.

QUALIFICATIONS: Bachelors or masters degree in geology, geography (with a strong physical basis), or environmental science; minimum 3.0 GPA and >1500 GRE combined score (verbal+quantitative+analytical). Experience in conducting stream surveys preferred, interest in sampling design and spatial analyses with GIS, and ability to work well both collaboratively and independently.

SALARY: $14,810-15,760 per year (for three years beginning July 2002), depending on experience and academic standing, plus out-of-state tuition waiver. Waivers and scholarships available for qualified candidates on a competitive basis. M.S. student could pursue their degree through geology, geography, or environmental science at Oklahoma State University. A Ph.D. student could pursue their degree through the environmental science program only.

TO APPLY: Send a letter or e-mail message describing research interests and career goals, names and addresses of 3 references, transcripts, and GRE scores to:

Dr. Richard A. Marston
School of Geology
105 NRC
Oklahoma State University
Stillwater, OK 74078-3031

E-mail: marstor@okstate.edu
Phone: 405-744-9247
Fax: 405-744-7841

CLOSING DATE: 30 May 2002 or until filled

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William W. Locke, wlocke@montana.edu
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Bozeman, MT 59717-3480
Fluvial Geomorphologist wanted; Seattle, WA

From: Kathy Nixon - KNixon@fwnec.com

Fluvial Geomorphologist/Hydrologist/Ecologist

Foster Wheeler Environmental Corporation is an international provider of environmental and coastal engineering and construction services to both the government and commercial sectors. We’re currently seeking a mid-level Geomorphologist/Hydrologist/ecologist to work out of our Seattle office, located in Bellevue, Washington.

The ideal candidate will have excellent communication skills (both oral and written), ability to work in multidisciplinary teams on large landscape level projects, familiarity with major land use management plans (e.g. Northwest Forest Plan, Forest Land Management Plan – particularly in the Pacific Northwest and Alaska, Water Resource Inventory Area Plans, Forest and Fish). Must also have experience in NEPA/SEPA/HCP document preparation, familiarity with GIS (ArcView, ArcMap), computer and modeling skills. Position requires experience in restoration of watersheds, floodplains and streams (planning, design, and implementation), and both field and office experience in evaluating mass wasting, stream channel morphology and sediment transport, water quantity and quality, and salmonid aquatic and riparian habitat requirements for salmonids.

Must have a MS degree and 5 years experience. Prefer candidates with work in the Pacific Northwest or Alaska.

Foster Wheeler Environmental Corporation is an Equal Opportunity Employer (m/f/d/v).

Send resumes to: HR/Geomorphologist, Foster Wheeler Environmental Corporation 12100 NE 195th Street, Suite 200, Bothell WA 98011. E-mail: nwweb@fwnec.com Fax: (425)462-7652

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