

GEOBULLETIN
NOVEMBER 21, 2008

Geobulletin is distributed weekly, on Friday by E-mail. Contributions are requested! Anything and everything (well almost) that you want to see in print. If you have a news item, a request, an announcement etc. email it to geodept@geology.wisc.edu. or leave it at the reception desk, Room 236 by noon on Wednesdays.

LECTURE SCHEDULE ---- All lectures (unless otherwise noted) are held on Fridays at 3:30 PM in AB20 (Laudon Lecture Hall). Coffee & cookies are served in the lobby starting at 3:15 PM.

FALL 2008 WEEKS LECTURE SCHEDULE

November 21 ----- Joseph Licciardi --- University of New Hampshire

NOV 21ST FRIDAY, NOON, ROOM 259, WEEKS HALL
“Early Holocene and Little Ice Age moraines in the southern Peruvian Andes”

NOV 21ST, FRIDAY 3:30 PM, ROOM 140, WEEKS HALL
“New constraints on the glacial and volcanic history of Iceland derived from cosmogenic 3-He exposure ages”

Basaltic tuyas in the neovolcanic zones of Iceland have been interpreted as subglacial volcanoes that emerged through an ice sheet. Using their distinctive morphological and lithostratigraphic characteristics, the approximate surface elevation and thickness of the ice sheet at the time of eruption can be determined. We measured cosmogenic 3He concentrations in olivine phenocrysts from subaerially erupted basaltic lava caps of tuyas to determine their exposure ages. We argue that these exposure ages closely approximate eruption ages; the possibility of past snow cover is the main uncertainty. The resulting 3He exposure (eruption) ages, comprising 45 individual ages from 13 tuyas, allow reconstruction of ice sheet surface profiles through time. The new 3He chronology indicates that 12 of the 13 dated tuyas experienced their final eruptive phase during the last deglaciation. This eruptive chronology is broadly consistent with the hypothesis that melt production in Iceland is enhanced by pressure release from ice sheet unloading during deglaciation. The clustered distribution of tuya ages suggests that distinct episodes of ice sheet thinning may have coincided with, or closely followed, the Bølling warming and the warming at the end of the Younger Dryas.

November 28 ----- Thanksgiving Recess

December 5 ----- David Deamer

December 12 ----- Stephen Hasiotis

December 19 -----

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Student internships for undergrad through doctoral students.

The EPA National Network for Environmental Management Studies is accepting applications for the 2009 EPA-NNEMS fellowship program. Although these awards are called fellowships, they are more accurately described as research internships at EPA offices. Information on opportunities can be found on-line at <http://www.epa.gov/enviroed/NNEMS/2009projects.html>. The application deadline is Feb.

POSITION OPENINGS:

- The University of Tulsa-The Department of Geosciences invites applications for a tenure-track faculty position at the Assistant or Associate Professor level
- The Geosciences department at Boise State is soliciting applications for a laboratory manager for our environmental chemistry lab.
- A Microprobe Technician position is available in the Faculty of Earth Sciences, King Abdulaziz University, Jeddah
- Dalton Boggs & Associates is conducting a search for a well established oil and natural gas company, for two geologists to be located in Oklahoma City and Midland, Texas
- The Department of Geology at Kent State University seeks to hire a LowT Hydrogeochemist at the tenure-track Assistant Professor level for the Fall semester, 2009
- **Graduate Study in Geophysics** in the *School of Ocean and Earth Science and Technology (SOEST) at the University of Hawaii*
- The Department of Biology at the University of Utah invites applications for a tenure-track faculty position in Environmental Biology at the level of Assistant Professor.
- The primary goal of the research project is a better understanding of the environmental and ecological hazards posed by gas emissions at persistently active volcanoes - chosen to carry out this interdisciplinary study at Masaya (Nicaragua) and Poás (Costa Rica) volcanoes because of the contrasting environmental conditions at each and the persistent, low level of eruptive activity.
- Tenure-track Faculty Position in Mineralogy/Petrology - The Department of Geology and Environmental Geosciences at Northern Illinois University invites applications for an anticipated tenure-track position at the Assistant Professor level to begin in August, 2009
- The Department of Geology at the University of Wisconsin-Eau Claire invites applications for a tenure-track position at the assistant professor rank in **Earth and Environmental Science**, with an appointment that begins on 24 August 2009.
- The Department of Geology & Geophysics at Louisiana State University invites applications for two tenure-track Assistant Professor positions to begin Fall semester 2009.
- The University of Wyoming Stable Isotope Facility (UWSIF) invites applications for a permanent, full-time laboratory technician.
- The Geology Department at Carleton College invites applications for a visiting instructor/professor leave replacement position for the 2009-2010 academic year
- An opportunity exists within two of our programs (Hydrology and Catchment and Aquatic Systems) for a Senior Isotope Technical Officer to provide support for innovative research of national significance.
- Stable isotope laboratory manager position at Zymax Forensic Inc, A DPRA Company

POSITION OPENINGS:

Geochemistry-The University of Tulsa

The Department of Geosciences invites applications for a tenure-track faculty position at the Assistant or Associate Professor level. A Ph.D. degree in geosciences or related field with demonstrated experience in geochemistry is required. We seek an individual who shows the potential for outstanding achievement in research and teaching. The successful candidate will be expected to teach courses at the undergraduate and graduate levels, and establish an externally funded research program. Preference will be given to candidates with experience in petroleum systems science, and/or basin modeling and modeling of rock fluid interaction associated with basin evolution, although other specialties will be considered. Interdisciplinary research with existing Petroleum Engineering, Petroleum Geoscience and Environmental Science programs is encouraged. The University of Tulsa is a private, comprehensive university, and is a premier doctoral granting research institution committed to excellence in teaching, creative scholarship, and service to the University and community. The University is located within 100 miles of two major industry research labs. The city of Tulsa has a vibrant geological and geophysical community, and is home to the international headquarters of the American Association of Petroleum Geologists, Society of Exploration Geophysicists, and the Society for Sedimentary Geology. The Department of Geosciences hosts an array of analytical equipment, and has strong computing capability with all of the major, industry standard software packages. The University offers competitive salary and benefits packages. Minorities and women are encouraged to apply.

Send a letter of application stating research and teaching interests; curriculum vita, and name and contact information for three references to Dr. Peter Michael, Department of Geosciences, The University of Tulsa, 800 South Tucker Drive, Tulsa, OK 74104-3189. Application review will begin immediately and continue until the position is filled. The University of Tulsa does not discriminate on the basis of personal status or group characteristics including but not limited to the classes protected under federal and state law. The University of Tulsa is an EEO/AA employer.

<http://www.geo.utulsa.edu/> (available, but under major revision)

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The Geosciences department at Boise State is soliciting applications for a laboratory manager for our environmental chemistry lab. Equipment in this lab includes a new quadrupole ICP-MS (with laser), soil and nutrient analyzers, and a GC. A graduate degree in hydrology, chemistry, or geology is required. For details, see:
<http://earth.boisestate.edu/content/newsandschedules/jobopening/AS-0011-89.pdf>

The chair of the search committee would be Shawn Benner (sbenner@boisestate.edu), so if you have questions after reading the ad, please contact him.

A Microprobe Technician position is available in the Faculty of EarthSciences, King Abdulaziz University, Jeddah. Please contact Dr. Ahmed Hassan Ahmed (ahmh2@yahoo.com or ahmedha@helwan.edu.eg) for more information.

Dalton Boggs & Associates is conducting a search for a well established oil and natural gas Company, for two geologists to be located in Oklahoma City and Midland, Texas. This organization is in a growth posture and is seeking dynamic team players with excellent technical, Interpersonal and communications skills. Requirements include current Mid-Continent and West Texas experience and a BS degree in Geology. Demonstrated Petra experience a plus. If you know anyone who may want to learn more about these exciting Opportunities, please have them call, contact or send a resume in confidence to:

Dalton Boggs
Dalton Boggs & Associates
PO Box 2288
Edmond, OK 73083
800-348-1654
Fax 405-348-1693
daltonb@boggsassociates.net

ASSISTANT PROFESSOR IN LOW-T HYDROGEOCHEMISTRY

The Department of Geology at Kent State University seeks to hire a LowT Hydrogeochemist at the tenure-track Assistant Professor level for the Fall semester, 2009. The successful candidate must possess the Ph.D., have a strong background in the geological sciences, and be able to interface well with other faculty working in a variety of water-related specialties. Specific research interests are open and may include any of the broad range of water related studies such as environmental or organic geochemistry; geomicrobiology; chemistry of water-sediment interactions; and trace-element or major-element geochemistry. Responsibilities will include teaching advanced undergraduate and graduate courses in hydrogeochemistry; advising M.S. and Ph.D. candidates; developing a strong, externally funded research program; and instruction of an introductory geology course including Environmental Geology, Physical Geology, or Oceanography. There will be an initial reduced teaching load for the first three years, giving the successful candidate time to seek external funding and establish his/her research program.

The Department has 13 full-time faculty members, 60-70 undergraduates and 35 graduate students, and is well-equipped for research in hydrology, hydrogeology, oceanography, limnology, aqueous geochemistry, and engineering geology. Current Faculty in these areas are presently involved in research in oceanography, limnology, paleolimnology, wetlands and surface water-groundwater interactions, climate change, landform development and landsliding, and engineering geology.

The department is well-equipped for both applied and basic geologic research. Equipment for analytical work in geochemistry includes graphite-furnace-AA and ICP spectrometers, as well as LIC and XRD units. Additionally, there are laboratories for water chemistry, hydrogeology, and engineering geology, an SEM unit, a Dionex Ion Chromatograph, & an XRF. There are excellent opportunities for cooperative research and teaching within the Department and with members of the Water Resources Research Institute which promotes cooperative research among a large, multidisciplinary group of faculty from geology, biology, chemistry, and geography. Review of applications will begin on January 15, 2009 and continue until the position is filled. For more information see
<<http://www.kent.edu/geology/>>www.kent.edu/geology/.

Applicants should send their curriculum vitae, statement of research and teaching interests, and contact information of three references to Dr. Daniel Holm, Chair, Department of Geology, Kent State University, Kent OH 44242. <<mailto:dhholm@kent.edu>>dhholm@kent.edu; Fax 330-672-7949. Kent State University is an Affirmative Action/Equal Opportunity Employer and encourages applications from candidates who would enhance the diversity of the University's faculty.

Graduate Study in Geophysics in the School of Ocean and Earth Science and Technology (SOEST) at the University of Hawaii

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The Dept. of Geology & Geophysics is currently accepting graduate student applications from individuals with outstanding backgrounds in math and physics who wish to pursue research in one or more of the following fields:

•**Plate tectonics:** Plates diverge at mid-ocean ridges, converge at subduction zones, and drift over the deep mantle as tracked by “hotspot” island chains. Researchers use geophysical observations and inverse theory to determine the speed and directions of plate motion throughout geological history. Contact Prof. Paul Wessel

•**Fluid & solid mechanics:** Geodynamical studies at Univ. of Hawaii address convection in the deep Earth, magmatism and faulting at midocean ridges, and plate subduction. Graduate students use field data and high-performance computing to study a range of phenomena including viscous mantle flow and its interaction with surface tectonics, magma-solid interaction, and crustal fractures and fissures. Contacts: Professors Clint Conrad, Garrett Ito, and Stephen Martel

•**Wave dynamics & signal processing:**

Studies in seismology include earthquake monitoring and imaging of Earth’s interior. Land as well as seagoing field expeditions use natural and artificial sources to image the crust and mantle in a variety of settings, particularly in areas of magmatism. An immediate opportunity is available (with Dr. Dunn) to participate on a marine seismic experiment in the Western Pacific, near Tonga. Data analysis will include 3-D imaging to reveal processes of magma transport beneath the Lau Back Arc Spreading Center. Contacts: Professors Robert Dunn, Greg Moore, and Cecily Wolfe

Visit: www.soest.hawaii.edu/GG Contact: Garrett Ito, gito@hawaii.edu

ENVIRONMENTAL BIOLOGY

The Department of Biology at the University of Utah invites applications for a tenure-track faculty position in Environmental Biology at the level of Assistant Professor. We encourage applicants who are investigating the responses of organisms, communities, or ecosystems to environmental change.

Areas of particular interest include paleoecology, biogeochemistry, microbial ecology, disease ecology, and impacts of invasive species on native communities. Applicants with interdisciplinary interests are particularly welcome. For an overview of the department please visit <http://www.biology.utah.edu/>. Applicants should submit in PDF format a curriculum vitae, up to 5 representative publications, descriptions of research and teaching interests, and have three letters of recommendation forwarded to Kami McNeill (kamimcneill@bioscience.utah.edu), Environmental Biology Search Committee, Department of Biology, University of Utah, 257 South 1400 East, Rm. 201, Salt Lake City, Utah 84112-0840, USA. Review of applications will begin on December 15, 2008 and continue until the position is filled. The University of Utah is an Equal Opportunity/Affirmative Action employer and encourages applications from women and minorities and provides reasonable accommodation to the known disabilities of applicants and employees. The University of Utah values candidates who have experience working in settings with students from diverse backgrounds and possess a strong commitment to improving access to higher education for historically underrepresented students.

The primary goal of the research project is a better understanding of the environmental and ecological hazards posed by gas emissions at persistently active volcanoes. Armed with this understanding, our second goal is to develop strategies to mitigate the environmental and ecological risk at these sites. We have chosen to carry out this interdisciplinary study at Masaya (Nicaragua) and Poás (Costa Rica) volcanoes because of the contrasting environmental conditions at each and the persistent, low level of eruptive activity. This project seeks to track and quantify the volatile flux at each volcano from the source magma, through the volcanic plume, to the local environmental sinks in the soil and water, and the flora and fauna. The work of volunteers on this project will involve collecting geophysical and ecological data in the field. Full training and briefings will be provided and absolutely no prior experience is required. Previous volunteers have ranged in ages from 18 to 84.

If you are interested, you can join the expedition by visiting <http://www.earthwatch.org/europe/exped/rymer.html> There are still a limited number of places left on the January trips and on one of the March trips, so what better way to beat the cold winter and contribute to research?

Tenure-track Faculty Position in Mineralogy/Petrology

The Department of Geology and Environmental Geosciences at Northern Illinois University invites applications for an anticipated tenure-track position at the Assistant Professor level to begin in August, 2009. We seek an individual whose research interests are in the broad areas of mineralogy, petrology, or a closely allied field. We expect the successful applicant to establish a vigorous externally funded research program that integrates with one or more of our existing strengths in experimental mineralogy/petrology, geochemistry, igneous petrology, mineral physics, planetary geology, structural geology, and/or

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volcanology. He/she will also be expected to supervise Ph.D. and M.S. students and have a commitment to excellence in teaching at both the undergraduate and graduate levels. The department's facilities include an array of analytical instruments (e.g. electron microprobe, X-ray diffractometer, ion chromatograph, mass spectrometers) and field equipment. Further, NIU is part of the CARS research consortium at the nearby Advanced Photon Source of Argonne National Laboratory.

Applicants who can utilize or expand existing facilities will receive special consideration. A Ph.D. in the geosciences or a related field is required at the time of appointment. The department offers programs leading to the B.S., M.S., and Ph.D. degrees, and currently has 13 faculty members, whose research and teaching interests are described on our web site at <http://www.niu.edu/geology/>. Applicants must submit a letter of application, curriculum vitae, statements of teaching and research interests, and list of at least three references to: James Walker, Search Committee Chair, Department of Geology and Environmental Geosciences, Northern Illinois University, DeKalb, IL 60115. Complete applications must be received by January 12, 2009. AA/EEO Institution.

University of Wisconsin-Eau Claire Department of Geology



POSITION:

*The Department of Geology at the University of Wisconsin-Eau Claire invites applications for a tenure-track position at the assistant professor rank in **Earth and Environmental Science**, with an appointment that begins on 24 August 2009.*

QUALIFICATIONS:

A completed Ph.D. in geology, environmental science or a closely related discipline is required at the time of appointment. This position requires a demonstrated ability to teach an inquiry-based, laboratory and field intensive, introductory Earth and Environmental Science course for the General Education program and education majors (grades 1-9). Area of specialization is open, but should be focused on earth and environmental sciences, including but not limited to: the interface of geology and biology, environmental remediation, microbes in the environment or earth resources. The following attributes are considered assets for the position:

- success in teaching earth science at the undergraduate level
- a demonstrated record of scholarship and grant acquisition
- the ability to participate in team-taught courses within the department and across the university
- the ability to add to the synergistic, collaborative nature of the department
- the ability to enhance the diversity of the department and serve as a role model and mentor for women and/or minorities

RESPONSIBILITIES:

The primary responsibility will be to develop a laboratory and field intensive lower division Earth and Environmental Science course for general education and education students. In addition, the successful applicant will have the opportunity to develop courses in their area of specialty and to collaborate on interdisciplinary courses with faculty from other departments and across the university. The successful applicant will be expected to develop interdisciplinary Earth and Environmental Science curricula that will integrate with the newly developed Watershed Institute for Collaborative Environmental Studies and the Freshmen Gateway Colloquia. The establishment of a successful collaborative student-faculty research program within the area of specialization is required.

APPLICATION PROCEDURE:

Interested individuals should provide a letter describing their background, qualifications for the position, and a statement of both teaching and research interests, a curriculum vitae and unofficial copies of university transcripts. This packet should be sent electronically via e-mail (PDFs strongly preferred) to GeologyHire@uwec.edu. Three individual referees must submit letters of recommendation electronically or by mail addressed to J. Brian Mahoney, Chair, Department of Geology, University of Wisconsin-Eau Claire, Eau Claire, WI 54702-4004.

For priority consideration, submit application materials by 15 January 2009; however, applications will be considered until the position is filled. The university reserves the right to contact additional references with notice given to the candidates at an appropriate time in the process. Applicants' names are subject to public release unless confidentiality has been requested in writing. Names of all finalists must be released. A criminal background check will be required prior to employment. An AA/EEO employer. To learn more, visit our Web site: <http://www.uwec.edu/acadaff/jobs/>.

TENURE-TRACK ASSISTANT PROFESSOR - GEOCHEMISTRY & SEDIMENTARY GEOLOGY DEPARTMENT OF GEOLOGY AND GEOPHYSICS

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The Department of Geology & Geophysics at Louisiana State University invites applications for two tenure-track Assistant Professor positions to begin Fall semester 2009.

Geochemistry: We seek geochemists who work on fundamental processes and mechanisms, and the evolution of isotopic and geochemical systems. Analytical approaches include, but not limited to, non-traditional stable isotope systems, innovative mass spectrometric techniques, or radioisotopic chronometry. Geochemists whose research programs may utilize our Class 100/1000 ultraclean laboratory and/or wet-chemistry/stable-isotope (TIMS) facilities are encouraged to apply.

Sedimentary Geology: We are looking for a sedimentary geologist who studies sedimentary processes and the evolution of sedimentary systems. Research may include modern and/or ancient examples. The successful candidate will be expected to teach and undergraduate course in sedimentation and depositional environments. Applicants whose research program can utilize our Landmark/Petrel laboratory, geoprobe, and/or microscopy laboratory are encouraged to apply.

Two interrelated focus areas: "Evolution of Sedimentary Systems" and "Earth Materials and Solid Earth Processes" have been developed within the LSU Department of Geology and Geophysics to enhance existing strengths of the Department and allow the Department to interface synergistically with other academic units at LSU. See www.geol.lsu.edu for more information regarding these focus areas, faculty, facilities, and research programs.

The successful applicant must have a Ph.D. at the time of appointment and postdoctoral experience is preferred. The new faculty members are expected to contribute to our undergraduate and graduate teaching programs, and develop courses in their areas of specialization. Development of a strong research program, including supervision of graduate student research, active publication in highly ranked journals, and the generation of external funding, is required. Interaction with other faculty within the Department and across the University is strongly encouraged.

An offer of employment is contingent on a satisfactory pre-employment background check. The review process will begin November 17, 2008. The search will continue until a suitable candidate is found. Interested persons should send a copy of their vita (including e-mail address), a statement of their research and teaching interests, and the names, postal and e-mail addresses, and phone numbers of at least three references to: Faculty Search Committee, Department of Geology and Geophysics, Louisiana State University, Ref. #002835, Baton Rouge, LA 70803. LSU is the Flagship University of Louisiana, a public and comprehensive institution serving the State and the entire nation with an enrollment of approximately 30,000 students. LSU is ranked in the top tier for "Best National Universities" in the U.S. News & World Report's 2009 edition of America's Best Colleges. LSU places a strong emphasis on nationally recognized research competitiveness as outlined in its "National Flagship Agenda" (www.lsu.edu/flagship). NOTE: Representatives of the Department will be present at the 2008 GSA Annual Meeting in Houston and AGU Fall Meeting at San Francisco.

Stable Isotope Laboratory Technician - The University of Wyoming Stable Isotope Facility (UWSIF) invites applications for a permanent, full-time laboratory technician.

The UWSIF is a core research laboratory on the University of Wyoming campus in Laramie, Wyoming. The facility has four gas-source isotope ratio mass spectrometers with automated preparation systems, a laser spectroscopy isotope analyzer for liquid water samples and a support laboratory with vacuum extraction lines, gas flushing lines, sample weighing and grinding facilities, and standard wet and dry lab supplies and equipment. Additional information about the laboratory is available at <http://uwacadweb.uwyo.edu/SIF/>.

Primary responsibilities include but are not limited to (1) operation and maintenance of analytical instruments and attached peripherals; (2) preparation of samples for stable isotope analysis; (3) maintenance and repair of vacuum extraction lines, vacuum pumps, air and gas delivery systems; (4) purchase and inventory of daily lab supplies and spare parts; (5) training and oversight of part-time technicians for routine lab duties; and (6) oversight of lab safety.

This is a full-time state funded position with health and retirement benefits. Applicants should have at minimum a bachelor's degree and experience with stable isotope measurements and/or analytical instrumentation. For additional details of the position and the application procedure please refer to following website: <http://uwadmnweb.uwyo.edu/HREmployment/showjob.asp?jobid=3425>
Questions should be directed to Dr. Shikha Sharma (e-mail: shikha@uwyo.edu; phone: 307-766-5021)

The Geology Department at Carleton College invites applications for a visiting instructor/professor leave replacement position for the 2009-2010 academic year.

Carleton College Department of Geology Visiting Instructor/Assistant Professor

We seek an individual with broad strengths to teach introductory geology, tectonics, and a third course in the candidates specialty preferably relating to one or more of the following: global climate change, tectonogeomorphology, neotectonics, or continental dynamics. The ideal applicant will have demonstrated strong interests in teaching with an emphasis on field- and laboratory-oriented, hands-on learning. Applicants

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should have a Ph.D. or have completed most of their graduate work toward a Ph.D. Carleton's geology department averages between 15 and 25 majors in each graduating class; it is a vibrant place that emphasizes cooperation, discussion, field work, inquiry-based learning, creativity and intellectual depth in a supportive atmosphere. Carleton's geology department has a strong, successful tradition of teaching geology as one of the liberal arts and we are looking for someone to help carry on that tradition. We particularly seek applicants interested in teaching a diverse student body.

The position begins September 1, 2009. Interested individuals should submit applications (paper or electronic), including curriculum vitae, a statement outlining research and teaching experience and interests, and the names and addresses of three references to Professor Cameron Davidson, Chair, Department of Geology, Carleton College, Northfield, MN 55057 or email cdauidso@carleton.edu. To ensure full consideration, applications should be received by December 1, 2008. Carleton College is an equal opportunity/affirmative action employer. We are committed to developing our faculty to better reflect the diversity of our student body and American society. Women and members of minority groups are strongly encouraged to apply.

An opportunity exists within two of our programs (Hydrology and Catchment and Aquatic Systems) for a Senior Isotope Technical Officer to provide support for innovative research of national significance.

The successful applicant will be working in a state of the art laboratory with responsibility for the operation and maintenance of our mass spectrometers and other high-tech laboratory equipment.

The position will require the development of new analytical methods and participation in setting new research directions.

Further information and selection criteria can be found at:

<http://www.csiro.au/people/careers.html> go to "positions vacant" and type in reference number: 2008/1100

if you have trouble accessing the site, please contact me. evelyn.krull@csiro.au

Evelyn Krull
CSIRO Land and Water
PMB 2
Glen Osmond SA 5064
Australia

Stable isotope laboratory manager position at Zymax Forensic Inc, A DPRA Company

Zymax Forensic is seeking a full-time laboratory manager for its stable isotope facility. The laboratory includes one Micro Mass (GVI) CF-IRMS with peripherals (EA, GC). The successful candidate will be responsible for the day-to-day operation of the laboratory, maintenance and repair of the equipment, as well as the supervision of lab assistant. The stable isotope laboratory routinely measures H, C, N, S and O isotope ratios in water, soil, and oil samples. It is expected that the candidate will be involved in the development and improvement of new methods. Active participation in research is optional.

Ideal qualifications would include a Ph.D in Geoscience, Chemistry, Environmental Science or a related discipline, as well experience with stable isotope mass spectrometry and analytical techniques. The candidate must have good instrument skills and good communication skills. Expertise in mass spectrometry is required and in some form of isotope ratio mass spectrometry is highly desirable. Expertise in compound-specific analyses and/or the analysis of dissolved inorganic nitrogen compounds is an asset but not a requirement. The position is permanent and immediate. It offers a competitive salary and a full benefits package. Interested applicants should send their application including a CV and names and contact addresses for two references to Dr. Shan-Tan Lu. For further information please contact shantan@zymaxusa.com

~ ~ ~ ~ ~ **HAVE A GREAT WEEKEND!** ~ ~ ~ ~ ~