GeoBulletin is distributed weekly, by E-mail. Contributions are requested! If you have a news item, a request, an announcement etc. email it to geodept@geology.wisc.edu or leave it at the office, Room 225 by Noon on Monday.

**Weeks Lecture**

*Speaker list – Spring 2012*

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**WEEKS LECTURE**

**Dr. Anders Carlson**

Department of Geoscience  
University of Wisconsin

**Friday, February 17th, 2012, 3:30 PM, Weeks Hall – Room AB20**

Southwest Greenland Ice-Sheet Sensitivity to Climate Warming: A Holocene Perspective
Friday, Feb 24, 2012:
Matt Hurtgen, Northwestern (Host: Peters)

Friday, Mar 2, 2012:
Reinhard Kozdon, UW-Madison (Host: Peters)

Friday, Mar 9, 2012:
Aradhna Tripati, UCLA (Host: Carlson)

Friday, Mar 16, 2012:
Steve Holbrook, Univ of Wyoming (Host: Tobin)

Friday, Mar 23, 2012:
Marin Clark, Univ of Michigan (Host: Goodwin)

Friday, Apr 13, 2012:
BOV

Friday, Apr 27, 2012:
Tim Masterlark, U. Alabama (Host: Feigl)

Friday, May 4, 2012:
Carl Jacobson, IOWA State (Host: Goodwin)

Friday, May 11, 2012:
Margaret Fraiser, UW-Milwaukee (Host: Peters)
AEG (Association of Engineering Geologists) Club Meeting

Next meeting:
- February 21, 2012 at 6pm in room 2239 in Engineering Hall
  - Bill Wuellner, P.E. from CGC, Inc. will discuss a local Madison project he is working on.

Upcoming Events:
- March 6, 2012 at 6pm, location TBD
  - Eric Bahner, P.E., D.GE. from Edward E. Gillen Co. will give a presentation on soil nailing.
- Coming soon!
  - Field trip to a local Madison project with the geotechnical firm SES, Inc. We may be able to witness a blasting event! The trip will probably occur on a Friday afternoon. Email aeg@cae.wisc.edu if interested.

JOB OPENINGS:

- The Seismic Research Centre of The University of the West Indies invites applications for the position of Research Fellow (Ground Deformation Specialist) at the Montserrat Volcano Observatory.
- The IRIS Undergraduate Internship Program (http://www.iris.edu/internship) is NOW accepting applications for our 2012 internship class
- The Department of Earth Sciences at Carleton University invites applications for a preliminary (tenure-track) appointment in isotope geochemistry
- the Peter A. Rock Thermochemistry Laboratory at UC Davis has possible openings for postdocs and Ph.D. students to work on experimental calorimetric studies relevant to the fundamental issues in CO2 sequestration
- The Incorporated Research Institutions for Seismology (IRIS) Program for Array Seismic Studies of the Continental Lithosphere (PASSCAL) has an opening for a 2012 summer student intern at the IRIS PASSCAL Instrument Center at New Mexico Tech.
- The Geobiology Lab in the School of Earth Sciences at Melbourne University is seeking a Postdoctoral Research Fellow
- University of Nice - Seeking a candidate in the broad area of seismology and high-performance computing
- The Department of Geological Sciences and Engineering at Missouri University of Science and Technology (formerly University of Missouri-Rolla) invites applications for a full-time tenure-track position at the assistant professor level in Geology and Geophysics in the area of Neotectonics, Remote-Sensing, and Geodynamics
- Volcanic Hazard Modeller (Fixed Term - 3 years) - GNS Science and the University of Auckland
- Postdoctoral Researcher in high-pressure mineral physics/geochemistry at Bayerisches Geoinstitut (University of Bayreuth, Germany)
JOB OPENINGS:

The Seismic Research Centre of The University of the West Indies invites applications for the position of Research Fellow (Ground Deformation Specialist) at the Montserrat Volcano Observatory. The post is offered for one year, in the first instance, with prospects for extension.

Applicants must have a PhD in Earth Sciences or a related field at the time of appointment. The candidate should possess strong experience in geodesy. Evidence of strong mathematical/numerical skills is also essential. Experience in the use of volcano monitoring techniques and residential experience at a volcano observatory is highly desirable. In addition, experience in the use of InSAR would be an advantage.

The successful candidate will be an essential member of the team monitoring the ongoing eruption of the Soufrière Hills Volcano in Montserrat, with specific responsibility for undertaking monitoring and research in ground deformation at the MVO.

Application forms are available at: http://sta.uwi.edu/jobs/

Applicants should supply (a) a curriculum vitae (b) a statement of past achievement and future research interests and goals and (c) postage addresses, phone numbers, and email addresses of at least three references to:

The Campus Registrar, The University of the West Indies, St. Augustine, Trinidad, Trinidad & Tobago. Email: appointments@sta.uwi.edu and copied to Richard Robertson, Seismic Research Centre, The University of the West Indies, St. Augustine, Trinidad, Trinidad & Tobago. Email: richie.robertson@uwiseismic.com

To receive full consideration, all materials must be received by 28 February, 2012. Intended starting date is 1 June 2012.

Applicants should note that the Montserrat Volcano Observatory (MVO) is currently jointly managed by the UWI Seismic Research Centre (SRC) and the Institut de Physique du Globe de Paris (IPGP). This means that the Caribbean’s only currently erupting volcano is under the watch of regional scientists and provides significant opportunities for advancing geoscience research in the region.

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The IRIS Undergraduate Internship Program (http://www.iris.edu/internship) is NOW accepting applications for our 2012 internship class. The deadline for students to apply is February 1, 2012.
As faculty, YOU are one of the primary way students first learn about the opportunity. To help you announce/invite student to the program we have assembled some useful resources including:
- Text to copy and paste for an email broadcast!
- A video clip and/or slideshow to show at the end of your next lecture!
- A flyer to read an take to and hand to student that you think has great potential!
All are available here.... http://www.iris.edu/hq/internship/about#announce

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The Department of Earth Sciences at Carleton University invites applications for a preliminary (tenure-track) appointment in isotope geochemistry at the rank of Assistant Professor beginning on July 1, 2012.

Applicants must have a Ph.D. in Earth Sciences, or be in the final stages of obtaining their Ph.D., have demonstrated excellence in teaching, research and scholarship, as reflected in publications. The successful candidate will develop an externally-funded, high quality research program; will be committed to effective teaching at the undergraduate and graduate level; and will contribute effectively to the academic life of the Department. Proficiency in English is a requirement.

The Department is particularly interested in candidates with demonstrated expertise, experience and research interests in the field of elemental and isotope geochemistry, who have expertise with TIMS, MC-ICP-MS, or LA-ICP-MS instruments, and who also are engaged in the development of new techniques and innovative application of isotopic systems.

Further information on the Department can be obtained at www.earthsci.carleton.ca and http://iggrc.carleton.ca

Please send application to: Chair, Department of Earth Sciences, Carleton University, 1125 Colonel By Drive, Ottawa, Ontario, K1S 5B6. Fax: 613-520-5613. Email: chair@earthsci.carleton.ca.

Applications should include a curriculum vitae, a cover letter, a teaching dossier, a statement outlining current and future research interests, and the names and addresses (including e-mail addresses) of three referees.

The deadline for applications is March 15, 2012. Canadians and permanent residents will be given priority.

This position is subject to budgetary approval.

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As part of the Dept. of Energy's Energy Frontier Research Center "Nanoscale Controls on Geologic CO2", the Peter A. Rock Thermochemistry Laboratory at UC Davis has possible openings for postdocs and Ph.D. students to work on experimental calorimetric studies relevant to the fundamental issues in CO2 sequestration. This includes development of calorimetric methodology in the supercritical CO2 and CO2/H2O environment, stability of various carbonate phases, and modeling of phase equilibria. Experience in experimental techniques at high pressure and in thermodynamic calculations, as well as a strong geochemistry background are highly desirable. Please contact Prof. A. Navrotsky (anavrotsky@ucdavis.edu), preferably sending a CV, for further info.

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The Incorporated Research Institutions for Seismology (IRIS) Program for Array Seismic Studies of the Continental Lithosphere (PASSCAL) has an opening for a 2012 summer student intern at the IRIS
PASSCAL Instrument Center at New Mexico Tech. The duration of the internship is flexible (up to three months). If scheduling allows, the intern will also take part in the late May IRIS Education and Outreach Orientation Week at New Mexico Tech (www.iris.edu/hq/internship/about/orientation) in association with the IRIS Summer Undergraduate Internship program. We seek an advanced undergraduate or graduate student with seismic experiment design, field methods, seismograph electronics, and data processing interests. For general information, please visit www.passcal.nmt.edu, or contact PASSCAL Instrument Center Director Bruce Beaudoin (575-835-5070; bruce@passcal.nmt.edu). The internship includes a weekly stipend, living expenses, round-trip travel funds to Socorro, NM, and tuition support to cover NMT summer registration as a special graduate student. To apply, send a letter summarizing interests, college transcripts, and at least one appropriate letter of recommendation to: PASSCAL Summer Intern Committee, c/o Bruce Beaudoin, IRIS PASSCAL Instrument Center, New Mexico Tech, 100 East Rd., Socorro, NM 87801. For full consideration, materials must be received by April 6, 2012.

Details: The internship is designed for a student with a background in Earth Science who is interested in seismic field methods, electronics, and data processing. The IRIS/PASSCAL Instrument Center, funded by the National Science Foundation via the IRIS consortium, maintains and helps deploy large numbers portable seismographs (Reftek and Quanterra), broadband sensors (Streckheisen, Guralp, Nanometrics), portable telemetered networks, and high-resolution cable reflection systems (Geometrics) that are heavily utilized by the U.S. research community and international partners. The successful candidate will learn about the technology and maintenance of state-of-the-art seismic equipment, potentially assist in deployments in the US and overseas, and participate in seismic data processing under the direction of the Instrument Center Director and Staff. The intern will register as a special student for 6 credits of Directed Study (Geophysics 590) under the advisorship of PASSCAL Instrument Center P.I. and NMT Geophysics Professor Richard Aster. At least one week prior to the conclusion of the internship, the intern will submit a report not to exceed 15 pages summarizing tasks performed and observations/suggestions pertinent to PASSCAL program operations and future Education and Outreach efforts. The intern will be given a personal allowance of $575/week for tuition, fees, books, and living expenses. Transportation costs to and from New Mexico Tech will be reimbursed up to $3,500, as will room and board costs up to $1700.

For further information, please contact Bruce Beaudoin (see above) or Rick Aster (aster@ees.nmt.edu; 575-835-5924).

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Postdoctoral Research Fellow in Metal-Organic Interactions
The Geobiology Lab in the School of Earth Sciences at Melbourne University is seeking a Postdoctoral Research Fellow with experience in characterising physical and chemical relationships between organics and metals in a) organic-rich sediments, b) sedimentary ore deposits or c) similar metalliferous and organic-rich systems (e.g., associated with hydrothermal vents). The Fellow would work as part of a cross-disciplinary research team under the CSIRO Minerals Systems Flagship Cluster (also involving Curtin University as lead, Australian National University, and University of Western Australia) on problems at the interface of organic geochemistry and mineralogy. Experience in transmission electron microscopy and microanalysis, ion microprobe/TOF/protein mass spectrometry, or synchrotron-based spectroscopic techniques would be considered very helpful. The aim of this research is to develop our understanding of possible metal-organic interactions for enhanced metal recoveries in Au, Cu, Pb-Zn and U enriched mineral systems. Potential outcomes of this project include: development of new methodologies for characterising the state and structure of metals and minerals in organic-rich settings; a better understanding of organic-inorganic interactions in mineralizing systems; and identification of appropriate organic, inorganic and isotopic data for field validation and incorporation into thermodynamic modelling. The position will run for three years. Applications should include CV with at least two references and any reprints of recent publications would be welcomed. Please send all materials as a single
University of Nice - Seeking a candidate in the broad area of seismology and high-performance computing.

Particularly interested in candidates having a strong affinity with geodynamics who can reinforce interaction within Geoazur among these disciplines. This 'Chaire d'excellence' involves teaching duties in the departments of Geosciences and Physics (primarily in the new geophysics track at the Licence level, and in Master programs in Earth Science and Physics/astronomy), but at a reduced (50%) level compared to a regular enseignant-chercheur position. Candidates have a PhD, and competence in the area of wave propagation and/or inversion for the Earth's structure at different length scales and interpretation in terms of physical/mineralogical properties. They have already obtained the formal qualification to teach (see http://www.enseignementsup-recherche.gouv.fr/cid22646/page.html). Preferred qualifications include postdoctoral experience and a demonstrated ability to perform high quality research in the form of publications. We expect foreign candidates to be able to teach in French after a reasonably short period of adaptation.

Following the French system for recruitment of civil servants, the position and its code will be published on Feb 23 on the Galaxie site (https://www.galaxie.enseignementsup-recherche.gouv.fr/ensup/candidats.html). Once one has obtained the code for this position from Galaxie, complete dossiers must be submitted before the deadline of March 27, 2012, on the recruitment site of the University of Nice http://recrutement-ec.unice.fr/.

For more information please contact: Emmanuel Tric, director Geoazur, (tric@unice.fr), Chrystel Verati, head of department (verati@unice.fr), or Guust Nolet (nolet@geoazur.unice.fr, phone +33.4.92.94.26.32).

The Department of Geological Sciences and Engineering at Missouri University of Science and Technology (formerly University of Missouri-Rolla) invites applications for a full-time tenure-track position at the assistant professor level in Geology and Geophysics in the area of Neotectonics, Remote-Sensing, and Geodynamics to begin September, 2012. The successful candidate will be expected to develop an externally-funded research program integrated with excellence in teaching at both the graduate and undergraduate levels. Teaching responsibilities will include courses in Tectonics and Remote Sensing as well as others in the individual’s area of expertise. Specific research subfields of the successful applicant could include active deformation/geodesy/InSAR, morphotectonics/dynamic-topography, and crustal/mantle dynamics that can build on departmental strengths in Mechanical Earth Modeling, Tectonics, Geophysics/Seismology, and Natural Hazard Mitigation. The Department currently has 20 full-time faculty, and 320 undergraduate and 226 graduate degree-seeking students with established B.S., M.S., and Ph.D. programs in Geology & Geophysics, Petroleum Engineering, and Geological Engineering. Local area establishments with active research include the U.S. Geological Survey (Mid-continent Geospatial Mapping Center), Missouri Department of Natural Resources, and Fort Leonard Wood. Visit our department web pages for more information on faculty and research (http://gse.mst.edu/). Questions regarding this position should be directed to the chair of the search committee, Dr. John P. Hogan (jhogan@mst.edu).

A Ph.D. in Geology and/or Geophysics is required. The final candidate is required to provide an official transcript showing completion of the terminal degree listed in the application materials submitted. A copy of the transcript must be provided prior to the start of employment. In addition, the final candidate may be required to verify other credentials listed in application materials. Failure to provide the official transcript or other required verification may result in the withdrawal of the job offer.

Applications must include a letter describing interests and possible contributions to our programs, curriculum vita, statements of teaching and research goals, and the names and contact information of three referees. Applications received before 5:00 pm April 15, 2012 are ensured a full review. Open until filled.
All application materials including resume/vita, cover letter, reference letters, portfolio, etc., must include the position reference number in order to be processed and be electronically submitted to

Missouri University of Science and Technology
Human Resource Office
Position Reference Number #00031149 (Geoscientist)
using the following address: hrsinfo@mst.edu

Acceptable electronic formats that may be used include PDF and Word.

Missouri University of Science and Technology is an affirmative action/equal opportunity employer.

Missouri University of Science and Technology participates in E-Verify. For more information on E-Verify, please contact CHS at: 1-888-464-4218.

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Volcanic Hazard Modeller (Fixed Term - 3 years) - GNS Science and the University of Auckland

GNS Science and the University of Auckland co-lead a project to DEtermine VOlcanic Risk in Auckland (DEVORA). Auckland is New Zealand’s largest city and is underlain by a volcanic field. The most recent eruption was ca. 500 years ago, so a future eruption is very probable. The impacts of volcanic activity on the city have thus far not been well constrained and the objective of the DEVORA project is to better quantify the volcanic risk to the population, buildings, infrastructure and the economy. Over the last three years, work on the project has concentrated on better understanding the geological history of the Auckland Volcanic Field and investigating different hazard models. The next stage of the project is to transfer this knowledge into a risk model.

We are seeking a volcanic hazards modeller to facilitate integration of new hazard research being developed by the DEVORA team into a risk model. The ideal candidate will have a PhD in geology, volcanology or natural hazard modelling and have an interest in the application of natural hazards research to address societal issues. A probabilistic modelling background and some programming knowledge would be an advantage.

A critical requirement of the position is to be able to engage with key end users such as civil defence, so that the hazard and risk assessments are relevant to emergency management and planning specialists.

An understanding of Maori relationship and development issues would be beneficial.

If you are a team player with a ‘can do’ attitude, have an interest in Earth Sciences and want to work for a dynamic, progressive, multi-cultural organisation then GNS could be the place for you.

For more information, see the GNS Science website

https://vacancies.gns.cri.nz/

or contact Gill Jolly (g.jolly@gns.cri.nz)

Closing date is 26 February 2012.

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Postdoctoral Researcher in high-pressure mineral physics/geochemistry at Bayerisches Geoinstitut (University of Bayreuth, Germany)

This postdoc position, which can be filled for up to 5 years, is for a scientist who will investigate the partitioning of a range of elements between liquid Fe-alloys, silicate liquids and crystalline silicates up to the pressure-temperature conditions of the Earth's core-mantle boundary. The position is funded by the European Research Council project iAccretion and Early Differentiation of the Earth and the Terrestrial Planets. The successful candidate will work in a multidisciplinary team with expertise that covers planetary science, accretion modelling and cosmochemistry (see: http://www.accrete.uni-bayreuth.de).

Experience of one or more of the following experimental/analytical techniques is desirable: laser-heated diamond anvil and/or multianvil experiments, transmission electron microscopy (TEM), focused ion beam (FIB) sample preparation, laser ablation ICPMS analysis, nano-SIMS analysis.

Applications, consisting of a CV, publication list, details of three referees and a statement of current and future research interests, should be sent to Prof. David Rubie (dave.rubie@uni-bayreuth.de), from whom further details can be obtained.

David C. Rubie  email: dave.rubie@uni-bayreuth.de
Bayerisches Geoinstitut  Tel:  +49-921-553711 (office)
Universitaet Bayreuth  +49-921-553700 (secretary)
D-95440 Bayreuth  Fax:  +49-921-553769
Germany

ERC Project "ACCRETE":  http://www.accrete.uni-bayreuth.de

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UNIVERSITY OF CAMBRIDGE DEPARTMENT OF EARTH SCIENCES -Two University Lectureships in Tectonics/Geophysics

We invite applications from those whose research bears on any aspect of tectonics or geophysics, whether field-based, laboratory-based or computational. This may include marine geophysics, seismology, gravity, tectonics and geodynamics, and the application of physics to other fields of the Earth Sciences. The Department has a strong tradition of broad-based interactive teaching and research across these and other disciplines. Candidates should have an outstanding record of research in a relevant subject area and will be expected to develop a vigorous research programme at an international level.

The persons appointed will be expected to contribute to the Department's undergraduate teaching at various levels, and to take part in field teaching. At elementary level they may be asked to help with teaching outside their field of specialisation. We welcome applications from persons with degrees in Earth Sciences, Geophysics, Physics, or Mathematics.

The successful applicants will be expected to contribute to the research activity of the Department leading to interaction with academic staff across several areas of the subject, to supervise research students and actively to seek external funds to support their research. The Department assists new academic staff as much as possible to establish their research in Cambridge.

We will also shortly be advertising a chair in quantitative Earth Sciences.
Please contact the Administrator (ab78@esc.cam.ac.uk) for further particulars and information about current research in the Department.
The appointments will be made at an appropriate point on the scale for University Lecturers (£36,862 to £46,696 a year) and will be for a probationary period of five years with appointment to the retiring age thereafter, subject to satisfactory performance.

To apply, please submit electronic files of (a) a full curriculum vitae, (b) list of publications, (c) 1000 word statement of research interests and intended research direction, and of teaching experience, (d) name, address, telephone number and email of three referees, to reach the Administrator (admin@esc.cam.ac.uk) no later than **Monday 2 April, 2012**.

Candidates are also requested to ask their referees to write direct to the Administrator (admin@esc.cam.ac.uk) by **Monday 2 April, 2012**.

Interviews will be held in the period **1 May to 4 May 2012**.

See also our website [http://www.esc.cam.ac.uk](http://www.esc.cam.ac.uk)

**Postdoctoral fellowship in Seismology**


Project WILAS is a R&D project funded by FCT, the Portuguese Science and Technology Foundation, which aims to contribute to image the 3D seismic structure beneath W Iberia from Crustal to Lithosphere-Astenospheric scale. Project WILAS has a strong cooperation with the Spanish project TOPO-IBERIA (Consolider-Ongenio CSD2006-00041), allowing the complete coverage of the Iberian Peninsula.

Candidates should have a PhD in seismology or a closely related area, excellent communication skills, ability to work as part of a team, and familiarity with techniques used in processing broad-band seismological data. Due to the aims of the project, expertise in the one or more of the following methods is required: receiver functions, ambient seismic noise tomography, teleseismic surface or body-waves tomography, local earthquake tomography.

The successful candidate will be expected to publish research papers and to present the research at national and international meetings.

Below is the announcement of the fellowship, whose details could be checked also in the attached pdf file. [http://www.eracareers.pt/opportunities/index.aspx?task=global&jobId=28334](http://www.eracareers.pt/opportunities/index.aspx?task=global&jobId=28334)

The application will be open from March 1st to 20th 2012 and the contract is expected to start in April 2012.

**At Portsmouth on the south coast of the UK offering a permanent lectureship** available from September 2012. Candidates are invited who have a strong publication record in high quality journals and evidence of attracting external research income or the potential to do so. We require someone who contribute to our undergraduate teaching programme in some or all of the following areas: structural geology, petrology, fieldwork and economic geology. Portsmouth has a growing, dynamic department and we particularly seek keen and motivated people who can join and enhance our Crustal Evolution Research Group. Our analytical facilities include LA-ICPMS (for geochronology and trace elements), SEM-EDS and CL, XRF, XRD, research grade microscopes and imaging, mineral separation and rock crushing facilities and a thin section lab.
The deadline for applications is Friday 2nd March. Expressions of interest or informal discussions can be made by contacting the Head of School, Dr Rob Strachan (rob.strachan@port.ac.uk).

Please follow this link for further details and application procedures:
http://www.port.ac.uk/vacancies/academic/vacancytitle,150049,en.html

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The Bird terrestrial biogeochemistry lab is seeking a postdoctoral researcher to work on a NSF-funded project in terrestrial biogeochemistry and microbial ecology. The 5-yr project will investigate the fundamental biological, chemical and physical controls on black carbon (BC) degradation and transport processes in a northern forest soil. This research will link the charring temperature of BC materials to their chemical and physical structures and their resulting decay rates, the activity of the main degraders, enzyme activities, transport dynamics, and its stabilization mechanisms in soil. In addition, the postdoc would complete soil analysis for a second, recently completed field study funded by DOE, which is examining the fate of aboveground versus belowground plant C and N inputs to a temperate forest soil.

We seek a highly motivated PhD with demonstrated ability to carry out research in terrestrial biogeochemistry and microbial ecology. The successful candidate will be responsible for 1) quantifying soil microbial utilization of BC, 2) determining enzyme activities and dynamics of BC biomarkers, 3) tracking the movement of BC into soil organic matter fractions, and 4) assisting with field activities. The postdoc will also have the opportunity to develop new, complementary projects. Field work will take place at The University of Michigan Biological Station in Pellston, MI, and the postdoc will be expected to lead field sampling trips at the site along with a second postdoc working with co-PI Knute Nadelhoffer (University of Michigan) and graduate students. For more information about the Bird lab, Nadelhoffer lab, or UMBS please visit:
http://qcpages.qc.cuny.edu/~jbird/Index.html
http://www.lsa.umich.edu/umsb/
http://www.lsa.umich.edu/eeb/directory/faculty/knute/

Applicants should have a PhD in biogeochemistry, soil microbiology, chemistry, or a related field. Demonstrated experience in stable isotope biogeochemistry and undertaking field experiments will be preferred. The position requires an independent, organized, creative individual who is personable and enthusiastic about working in a collaborative group environment. The postdoc should be comfortable training and mentoring graduate and undergraduate students related to the projects. Interested candidates should send a single pdf file containing the following to Dr. Jeff Bird at jbird@qc.cuny.edu: (i) A cover letter indicating interest in the project, (ii) a curriculum vitae, (iii) a list of three references including names, email addresses, and telephone numbers, and (iv) two representative publications. Applications will be reviewed beginning March 15, 2012 and will be accepted until a suitable candidate is found. The position will be for one year, renewable up to two years based on performance. Start date for the position is June/early summer 2012.

The Research Foundation (RF) of The City University of New York is an Affirmative Action/Equal Opportunity/Americans with Disabilities Act employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, age, citizenship status, Vietnam era or special disabled veteran's status, or sexual orientation. CUNY is an E-Verify employer.

Postdoctoral researcher position in soil ecology and biogeochemistry
University of Michigan Biological Station, University of Michigan

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Assistant Professor in Sedimentary Geology, Central Washington University
Postdoctoral Research Fellow at the National Oceanography Centre Southampton

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Assistant Professor in Sedimentary Geology, Central Washington University

The Department of Geological Sciences at Central Washington University invites applications for a tenure-track Assistant Professor position to begin September 16, 2012. We seek a field-based geoscientist in sedimentary geology, inclusive of the broad areas of sedimentary deposits, processes and/or systems at a variety of time scales. The faculty member will contribute to teaching relevant core and elective courses in the undergraduate and graduate Geological Sciences curriculum and General Education courses; mentor undergraduate and M.S. graduate research; and seek external funding for research or curricular pursuits that further his/her scholarly program and the goals of the department. A strong commitment to teaching and research at the undergraduate and M.S. graduate level is essential. Central Washington University is located in Ellensburg, WA, a community of 18,000 that enjoys one of the finest living environments of the Pacific Northwest.

Complete position announcement and application instructions available at: https://jobs.cwu.edu/. For additional information, see www.geology.cwu.edu or contact Dr. Carey Gazis at cgazis@geology.cwu.edu. Screening will begin on March 1, 2012 and continue until the position is filled. CWU is an AA/EEO/Title IX Institution.

Postdoctoral Research Fellow at the National Oceanography Centre Southampton

Structural evolution of the Gulf of Corinth continental rift zone

The school of Ocean and Earth Science at the National Oceanography Centre Southampton is seeking to recruit a Postdoctoral Research Fellow in Active Tectonics to research the stratigraphic and structural evolution of the Corinth rift, Greece. This rift is a highly active, young extensional zone and a focus of research into early rift development processes. The project, funded to aid and advance proposed scientific drilling, will combine the extensive network of seismic reflection data in order to define the offshore syn-rift stratigraphy and fault network at a high level of detail. The results will be used to further our understanding of the rift evolution and to refine borehole locations for potential drilling to quantify fault slip, strain distribution and rift history and to analyse syn-rift stratigraphy and regional palaeoenvironment. The successful applicant will be part of an active seagoing Geology and Geophysics research group and will work with project partners in Greece, USA, France and within the petroleum industry.

Applicants will have a PhD in geology or geophysics with experience of structural and stratigraphic interpretation of seismic reflection data and knowledge of active rift processes. They will also have demonstrated the ability to conduct innovative research leading to high-impact publications in international refereed journals.

This is a fixed term post of 1.5 years starting in ~August 2012.
Salary: £27,428 to £33,734
the closing date for applications is 15 March 2012.
Informal enquiries can be made to Dr. Lisa McNeill on tel: 44-23 8059 3640, email: lcmn@noc.soton.ac.uk
Please apply through www.jobs.soton.ac.uk or telephone 023 8059 2750 for an application form. Please quote reference number 082912HN in all correspondence.