



Ph.D. Fellowships in Earth Sciences

Bayerisches Geoinstitut, University of Bayreuth, Germany invites applications for

(a) 3-year Ph.D. fellowships

(b) short term fellowships for stays of 3 to 12 months in the "Atomic to Global" training programme funded by the European Commission "Marie Curie Actions" in the fields of experimental and computational geochemistry, geophysics and mineral physics. The programme offers young researchers the possibility to undertake part or all of their Ph.D. studies outside their home country, and includes complementary training activities such as academic courses, seminar presentations, weekend seminars and active participation at national and international conferences.

Ph.D. fellowships are available immediately and up to four short term fellowships will be awarded per year until 2009. **Applications are accepted from all countries with the exception of Germany.** Further details including eligibility and application procedures are available on the internet through <http://www.atg.bgi.uni-bayreuth.de> or write to Bayerisches Geoinstitut, Universität Bayreuth, D-95440 Bayreuth, Germany.

Assistant/Associate Professor: Soil and Clay Mineralogy

Texas A&M University

The Department of Soil and Crop Sciences at Texas A&M University, College Station, invites applications for a tenure-track faculty position in Soil and Clay Mineralogy (12 month, 75% research and 25% teaching). The incumbent will be expected to develop a research program devoted to applying the science of soil and clay mineralogy to solutions of problems associated with sustainability of agricultural and land management practices, environmental quality, chemical and mechanical properties of soils and clays, and industrial use of clays. In developing a program of research and graduate instruction, the incumbent should embrace collaborative interactions with agricultural scientists, geoscientists, engineers, chemists, and biologists, as well as with governmental agencies and the private sector. The incumbent will be expected to teach a graduate-level course in soil and clay mineralogy for students from a wide range of disciplines. The course will include theory and the application of instrumental methods required to analyze mineralogical properties of soils, sediments, and geologic materials pertinent to State and national needs and to the specific research interests of the students. Candidates must have a Ph.D. in Soil Science, or a closely related field of geoscience or engineering, with expertise in soil and clay mineralogy, analytical methods for analysis of minerals (x-ray diffraction, transmission and scanning electron microscopy, and spectroscopic methods including infrared and x-ray absorption spectroscopy). Field experience in soil morphology, geomorphology, and pedology is desirable. Experience in related areas of investigation that include analytical organic and inorganic chemistry, microbiology, toxicology, colloid physics and chemistry, and molecular modeling is desirable. Post-doctoral experience or prior academic appointment would be beneficial. Interested individuals should submit: (i) letter of application; (ii) resume; (iii) one-page statement of research and teaching interests; and (iv) graduate transcripts to Dr. David Baltensperger, Professor and Head, Department of Soil & Crop Sciences, Heep Center, 370 Olsen Boulevard, Texas A&M University, 2474 TAMU, College Station, Texas 77843-2474. Phone: 979-845-3041. Fax: 979-845-0456. Applicants should request three letters of recommendation from persons knowledgeable of their academic accomplishments and potential in an academic position. The closing date for receipt of applications and letters of recommendation is February 15, 2007. The Agriculture Program of the Texas A&M University System is an equal opportunity/affirmative action employer and is committed to excellence through diversity.



Department of Earth Sciences Faculty Position in Environmental Geoscience

The Department of Earth Sciences at Laurentian University invites applications for a tenure-track faculty position in Environmental Geoscience, effective July 1, 2007. We are interested in candidates with strengths in one or more of the following: groundwater resources, including hydrogeology; climate change (impacts and adaptations); application of geochemical and isotopic methods to environmental problems; tailings remediation and acid-rock drainage; metals and contaminants in the environment; Quaternary geology; and environmental impact assessment related to the above. An ability to interact with government, industry, and the community on environmental geoscience is an asset.

The candidate will teach in the interdisciplinary undergraduate Environmental Earth Science (ENES) program, and the undergraduate and graduate Geology programs. The candidate will be expected to have a strong interest in interdisciplinary education and research, and to provide leadership in the ENES Program. Supervision of M.Sc. and Ph.D. students within a vigorous, externally-funded research program is expected. Applicants must hold a Ph.D. degree by the time of appointment.

The successful candidate will be based in the Department of Earth Sciences, but an interest and ability to interact with faculty in the Centre in Environmental Monitoring and the Departments of Geography, Chemistry & Biochemistry, and Biology is of value. The candidate will have access to outstanding computing and geochemical analytical facilities, including a wide array of state-of-the-art ICP-AES, ICP-MS, LA-ICP-MS, XRD, SEM-EDS, and WD-EPMA instrumentation. A 3D immersion Virtual Reality Theatre for scientific data visualization is available (<http://www.mirarco.org/aboutvr.php>).

We will begin reviewing applications in early January 2007, but applications will be accepted until the position is filled. Applicants should send a signed Letter of Application, full curriculum vitae, a Statement of Research Interests, a Statement of Teaching Interests, and the names of three academic (3) references to: Dr. Harley d'Entremont, Vice-President Academic, Laurentian University, 935 Ramsey Lake Road, Sudbury, Ontario, Canada P3E 2C6. Email: hdentremont@laurentian.ca. Further information regarding the ENES calendar and the Department of Earth Sciences can be found at www.laurentian.ca/calendar/EnviroEarthScience06.pdf and www.laurentian.ca/geology.

Laurentian University is a bilingual institution and an equal opportunity employer. It has a policy of passive bilingualism (English/French) as a condition of tenure. The university is committed to equity in employment and encourages applications from aboriginal peoples, members of visible minorities, and persons with disabilities.

Geosciences Faculty Positions

Stony Brook University's Department of Geosciences invites applications for tenure-track faculty positions at the Assistant Professor level. Preference will be given to candidates who complement existing research strengths including planetary sciences and computational geosciences. **Required:** A Ph.D. in Geoscience or closely related field and significant past research accomplishments based on quality and originality in published work or manuscripts in preparation. Information about the Department of Geosciences may be obtained at www.geosciences.stonybrook.edu. The successful candidate will be expected to teach at the graduate and undergraduate levels and to develop a vigorous research program. Evaluation of applicants will begin December 15, 2006.

Applicants should send curriculum vitae, statement of research interests, and the names and complete contact information of three references to:

Professor John B. Parise, Chair, Faculty Search Committee
Department of Geosciences, Stony Brook University, SUNY
Stony Brook, NY 11794-2100

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