

The Department of Earth Sciences at Carleton University invites applications from qualified candidates 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, and possess a strong commitment to research and scholarship, as reflected in publications. The successful candidate will have the ability to 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 are able to teach core courses in geochemistry. Preference will be given to candidates who have expertise with instruments such as a thermal ionization mass spectrometer (TIMS) and/or laser ablation inductively coupled plasma mass spectrometer (LA-ICPMS), and who also are engaged in the development of new techniques and innovative application of isotopic systems.

The undergraduate offering of the Department of Earth Sciences, which features a strong fieldwork component, includes B.Sc. programs (Honours, Major and General), as well as a Concentration in Vertebrate Paleontology and Paleocology (Honours) and a Concentration in Resource Economics (Honours). The Honours programs meet the requirements for the Professional Geoscientist (P.Ge.) accreditation. Other programs include Combined Honours with Biology, Chemistry or Physical Geography. At the graduate level, the Department offers M.Sc. and Ph.D. programs. Together with the Department of Earth Sciences at the nearby University of Ottawa, we form the core of the Ottawa-Geoscience Centre (OCGC), a collaborative research and graduate institution. Available research facility within the OCGC include stable and radiogenic isotope (TIMS) laboratories and associated clean labs; XRF, XRD, SEM and electron microprobe laboratories, ICP-OES, as well as fluid inclusion, cathodoluminescence, and fluorescence microscopy. In addition, the main headquarters of the Geological Survey of Canada, the Canadian Museum of Nature, and several other federal, science-based agencies with whom we collaborate, are also located in the city. Further information on the Department can be obtained at [www.earthsci.carleton.ca](http://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](mailto: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.

Located in Ottawa, Ontario, Carleton University is a dynamic research and teaching institution with a tradition of leading change. Its internationally recognized faculty, staff, and researchers provide more than 24,000 full- and part-time students from every province and more than 100 countries around the world with academic opportunities in more than 65 programs of study. Carleton's creative, interdisciplinary, and international approach to research has led to many significant discoveries and creative work in science and technology, business, governance, public policy, and the arts. As an innovative institution, Carleton is uniquely committed to developing solutions to real world problems by pushing the boundaries of knowledge and understanding daily.

Minutes from downtown, Carleton University is located on a beautiful campus in the central portion of Ottawa, bordered by the Rideau River on one side, and the Rideau Canal on the other. With over 12 national museums and the spectacular Gatineau Park close by, there are many excellent recreational opportunities for individuals and families to enjoy. The City of Ottawa itself, with a population of almost one million, is Canada's capital city and reflects the country's bilingual and multicultural character. Carleton's location in the nation's capital provides many opportunities for research with groups and institutions that reflect the diversity of the country.

Carleton University is strongly committed to fostering diversity within its community as a source of excellence, cultural enrichment, and social strength. We welcome those who would contribute to the further diversification of our faculty and its scholarship including, but not limited to, women, visible minorities, Aboriginal peoples, persons with disabilities, and persons of any sexual orientation or gender identity.

All qualified candidates are encouraged to apply. Canadians and permanent residents will be given priority.

All positions are subject to budgetary approval.