

Applications are invited for a one-year term position in the field of geochemistry and isotope studies at the rank of Assistant Professor, from July 1, 2011 to June 30, 2012. This position is subject to budgetary approval.

Candidates should have a Ph.D. in Earth Sciences, demonstrable expertise in the field of geochemistry and isotope studies, and experience in teaching. We are especially interested in candidates with both strong analytical skills and a commitment to field-oriented research. Proficiency in using a mass spectrometer for isotope studies and/or geochronology will be an asset, together with the ability of integrating data in Geographical Information Systems (GIS).

The successful candidate will be expected to teach three one-term undergraduate courses, including "ERTH3003 Geochemistry and geochronology" and to contribute effectively to academic life in the department including, but not limited to, the supervision of B.Sc. Honours theses.

The Department's historical strength lies in offering a field-based comprehensive education. At the undergraduate level this includes B.Sc. programs (Honours, Major and General) in Earth Sciences, as well as concentrations in Vertebrate Paleontology and Paleoecology (Honours) and Resource Economics (Honours). Other programs include Combined Honours with Biology, Chemistry or Physical Geography. At the graduate level, we offer M.Sc. and Ph.D. programs, and, together with Earth Sciences at the University of Ottawa, we form the core of the Ottawa-Carleton Geoscience Centre (OCGC), a research and graduate institution. Available research facilities include stable and radiogenic isotope laboratories, XRF, XRD, a SEM-electron microprobe laboratory, and ICP-OES, as well as fluid inclusion, cathodoluminescence, and fluorescence microscopy. The department houses Class 100 clean labs for Pb, Sr, Nd, Ca, B, and U-series work. Analyses are performed on a ThermoFinnigan Triton T1 mass spectrometer with 9 Faraday cups. See www.carleton.ca/iggrc/ for more details. Further information on the Department can be obtained from the Web site, www.earthsci.carleton.ca.

Carleton University is located on a beautiful campus in the central portion of Ottawa, bounded by the Rideau River on one side, and the Rideau Canal on the other. Its prime location – minutes from downtown, an international airport, and the Gatineau Hills – enhances quality of life, and allows for recreational opportunities for individuals and families. The City of Ottawa is Canada's capital and reflects the country's bilingual and multicultural character. Carleton's location in the capital also provides many opportunities for research with groups and institutions that focus on earth sciences, notably the Geological Survey of Canada, part of Natural Resources Canada. The Department of Earth Sciences benefits from collaborative research opportunities with federal government agencies and scientists.

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 people, persons with disabilities, and persons of any sexual orientation and gender identity. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.

Applicants are to include a curriculum vitae, a cover letter, a teaching dossier, a statement of teaching and research interests, and the names and addresses (including e-mail addresses) of three referees. Applications should be sent to:

Dr. Claire Samson, Chair, Department of Earth Sciences
Carleton University, 1125 Colonel By Drive, Ottawa, Ontario, K1S 5B6, Canada
Fax: 1.613.520.5613
Email: chair@earthsci.carleton.ca

The closing date for receipt of applications is Friday May 6, 2011.