POSTDOCTORAL POSITION IN MANTLE RE-OS ISOTOPE GEOCHEMISTRY
Department of Earth & Atmospheric Sciences, Arctic Resources Laboratory

The Department of Earth and Atmospheric Sciences, University of Alberta seeks a post-doctoral researcher for a period of up to 3 years, to perform research related to the Metal Earth Project.

The Metal Earth project, with CAD $104 million in funding provided by the Canada First Research Excellence Fund (CFREF) and through strategic partnerships with 5 Canadian universities, 6 government geological surveys and 3 international research centres, is led by the Mineral Exploration Research Centre (MERC) Laurentian University. University of Alberta is a Project partner. Metal Earth seeks to identify and understand the processes responsible for Earth’s differential metal endowment during the Precambrian.

- The PDF will focus on the application of Re-Os isotopes and platinum group elements to mantle samples. The ideal applicant will be familiar with
  - mantle xenolith petrology, geochemistry and thermobarometry
  - Re-Os and PGE analytical techniques including high-pressure asher digestion, Os purification by solvent extraction,
  - negative-ion thermal ionisation mass spectrometry, and sector-field ICP mass spectrometry.
  - The applicant must have experience in using data reduction schemes for PGE and Os isotope analysis.
  - The appointee must have a record of publication in international journals and will be expected to publish the results of the project in international journals.
  - Salary - $50 k/yr plus benefits.

To Apply:
To apply, please forward your application and cover letter to Dr Graham Pearson, Department of Earth & Atmospheric Sciences, at gdpearso@ualberta.ca. The application should include: a CV including a list of publications, academic transcripts, contact details and the names of 2 referees. Review of applications will begin immediately, but applications will be accepted until Oct 15th 2018.

Contact Name: Dr Graham Pearson,
Department of Earth & Atmospheric Sciences
gdpearso@ualberta.ca
T: 780 492-4156 (+1 if outside Canada)

Closing date:
Oct 11th 2018

We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.