POSTDOCTORAL POSITION IN
Re-Os and PGE geochemistry - Metal Earth Project

The Department of Earth and Atmospheric Sciences, University of Alberta seeks a post-doctoral researcher for a period of 1 year with no renewal, 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. Metal Earth seeks to identify and understand the processes responsible for Earth’s differential metal endowment during the Precambrian. This research initiative aims to transform our understanding of Earth’s early evolution and how we explore for metals.

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 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. In addition he applicant must have experience in using and developing data reduction schemes for PGE and Os isotope analysis. Experience with ultramafic rocks will also be an advantage. The appointee will be expected to publish the results of the project in international journals.

Starting date February 1st 2018. Salary is $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. 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 Jan 26th 2018.

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

Closing date: Jan 26th 2018

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

The University of Alberta offers appointments on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities and Aboriginal persons.