



Metal Earth PDF/Research Associate Positions, April 2018

Laurentian University is a recognized leader in mineral exploration research and is among the top Canadian universities in research funding for Economic Geology and in Applied Geophysics from the Natural Sciences and Engineering Research Council (NSERC).

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, Laurentian University has initiated Metal Earth - the largest ever mineral exploration research project undertaken in Canada. 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.

Metal Earth is led by the Mineral Exploration Research Centre (MERC), which is housed in the Willet Green Miller Centre at Sudbury. MERC is a semi-autonomous research centre at Laurentian established in 1997 and comprises an internationally-recognized group of researchers from HSES, academia, industry and government.

MERC is seeking individuals with demonstrated excellence in research and is inviting applications for three Post Doctoral Fellowships (PDF)/Research Associates (RA) beginning in April 2018; salary range is \$65-\$80k/yr plus benefits. The positions are contingent upon funding.

The PDF/RAs will supervise and conduct mapping-based research in the Abitibi and Wabigoon subprovinces of Ontario. As part of an integrated geological-geophysical team, fieldwork will involve detailed geological mapping of transects that cross precious and base metal endowed and less endowed ancestral faults and volcanic centres within the Abitibi and Wabigoon, and the supervision of MSc and BSc students. Research will establish the stratigraphic and structural architecture of each transect, and the timing and relationship(?) between base and precious metal systems. Research problems will be addressed through integrated mapping, geochemical and stable/radiogenic isotopic research, and integration of the results with ongoing geophysical interpretations. The positions are funded for two years. Mapping experience in greenstone belts with expertise in volcanology, geochemistry and structural geology, and good communication skills and supervisory experience, are assets.

For additional information on Metal Earth and the Transect Research please visit merc.laurentian.ca. To apply, please forward your resume and cover letter to Christine Rodrigue at CRodrigue1@laurentian.ca. The application should include: a CV including a list of publications, contact details and the names of three referees. Review of applications will begin immediately, but applications will be accepted until December 31st 2017.

Laurentian University is a bilingual (French-English), tri-cultural institution. Laurentian University especially welcomes and encourages applications from members of visible minorities, women, Aboriginal persons, members of sexual minorities and persons with disabilities. Applicants may self-identify as a member of an employment equity group. All qualified candidates are encouraged to apply. However, Canadians and permanent residents will be considered first for these positions.