

## Metal Earth Undergraduate Internship and Research Opportunities, May 2017

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 will conduct 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), of the Harquail School of Earth Sciences (HSES), which is housed in the Willet Green Miller Centre at Sudbury. MERC is a semi-autonomous research centre at Laurentian, and comprises an internationally-recognized group of researchers from HSES, academia, industry and government.

### **Metal Earth BSc Internship Opportunities**

Metal Earth is seeking 12 BSc students to assist mapping-based research in the Abitibi Subprovince of Ontario and Quebec. You will be part of an integrated geological -geophysical team, which will conduct detailed geological and geophysical (gravity) mapping along transects that cross precious and base metal endowed and less endowed ancestral faults and volcanic centres within the Abitibi. Research problems that develop from the transect mapping will provide BSc thesis opportunities. Each BSc internship provides a stipend of \$10K, with additional funding available to support undergraduate thesis-related research costs. Internships are available for 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> years students enrolled in the BSc Earth Science (Geology) program. Mapping experience is not necessary, but an asset.

To apply, please forward your application, and cover letter to Chantal Duval (cduval@laurentian.ca). The application should include: a CV including a list of awards and scholarships, transcripts (or your academic summary from Webadvisor), contact details, past education and employers, and the names of three referees (preferentially past employers plus one academic referee). The deadline for applications is January 31<sup>st</sup> 2017, but applications will be accepted until all positions have been filled.

Laurentian University is a bilingual (French-English), and 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.