

## MSc Position in Environmental Microbiology

Vale Living with the Lakes Centre (VLWLC), Laurentian University, Sudbury, ON

The VLWLC is an interdisciplinary research and monitoring institute that prides itself on the strong culture of collaboration and science communication it has established. The award-winning building houses the well-equipped laboratories of governmental, industrial and university scientists. Consequently, the institute is an incubator of new ideas and approaches for the advancement of environmental science.

The Centre is looking for motivated students to work on different projects, under the direct supervision of Nadia Mykytczuk, NOHFC Industrial Research Chair in Biomining, Bioremediation and Science Communication. The successful candidate will further research in one of two national and multi-university networks. Project areas include characterization of microbial communities in mine waste systems, characterization of metal bioleaching and remediation processes, and bioinformatic analyses of metagenomic/transcriptomic datasets.

### Position details:

- Start date: September 2017 / January 2018.
- Duration: 2 years
- Remuneration: \$27,500/ year

### Qualifications:

- An undergraduate degree in geochemistry, environmental sciences, microbiology, molecular biology or related discipline;
- Experience in DNA extraction, quantification and PCR is an asset;
- Experience in, or an understanding of, conducting metagenomic analyses is an asset;
- Demonstrated ability to work effectively in a multi-disciplinary team.

**Apply:** Interested students should submit electronic copies of

- An updated CV
- A 1-page statement of interest
- Copies of recent transcripts
- Contact information of 3 referees

Applications are due to Dr. Nadia Mykytczuk (nx\_mykytczuk@laurentian.ca) by 5 pm EST on July 1, 2017. Please cite 'MSc Applicant' in the subject of your email, and ensure the attachment of all documents in PDF format in the same email.

### Links:

- VLWLC: <http://www3.laurentian.ca/livingwithlakes/>
- Mykytczuk Lab: [https://laurentian.ca/faculty/nx\\_mykytczuk](https://laurentian.ca/faculty/nx_mykytczuk)

*Laurentian University is committed to employment equity and strongly encourages applications, which may include self-identification in a covering letter, from aboriginal persons, women, persons with disabilities and visible minorities. It will, therefore, provide accommodation in accordance with the Ontario Human Rights Code at any stage of the recruitment process.*