

Saint Mary's University, Department of Environmental Science- Environmental Impacts & Invasive Species Monitoring Research Assistant

Location: Halifax, Nova Scotia

Duration: 6-months

Hours/Week: 40

The Dynamic Environment & Ecosystem Health Research (DEEHR) Lab is looking to hire an intern for monitoring and limiting legacy gold mine tailing contaminants in Nova Scotia. The work at the DEEHR Lab currently focuses on researching wetland sites that have been contaminated from historical gold mining activities and developing remediation strategies

Summary of Position/Project

In this position, you will be involved with interdisciplinary research, field work at wetland and urban lake sites around Nova Scotia and ecotoxicology testing in the DEEHR laboratories. There will be opportunities to assist with other ongoing projects within the DEEHR group. The successful candidate will also have the opportunity to develop an independent project within the context of the overall theme in consultation with the DEEHR group. More information about projects can be found at: <http://www.ap.smu.ca/~lcampbel/>.

Responsibilities:

- Contribute to field work at wetland sites around Nova Scotia that have been contaminated from historical gold mining activities
- Contribute to field work and laboratory studies of invertebrates for invasive species monitoring
- Conduct mesocosm and laboratory ecotoxicology testing to assess feasibility of remediation strategies for impacted wetlands
- Assist in developing a monitoring program for contaminants in freshwater ecosystems around legacy gold mine tailing sites
- Contribute to peer-reviewed scientific publications and reports on our findings and projects
- Develop an independent project within the context of the overall theme in consultation with the DEEHR group
- Engage with academia, industry and government leaders working on the issue of legacy gold mine tailing impacts in Nova Scotia

Benefits: Statutory deductions (Employment Insurance and Canadian Pension Plan)

Qualifications/Attributes:

- Comfortable with MS office suite (Excel, Powerpoint, Word) and Google office suite (Sheets, Presentations, Docs)
- Familiar with searching functions necessary to source scientific papers, reports and data documents
- Be physically fit and able to lift up to 50 lbs.
- Willing to work with invertebrates (all technical skills will be trained)
- Comfortable on and around water
- Comfortable working long hours (in a variety of weather conditions) in wetland, lake and stream environments (i.e. potentially very wet and muddy)
- Willing to work with both vertebrate and invertebrate species
- Able to work long hours in laboratory settings with repetitive laboratory process and maintain accuracy with protocols
- Able to work well in both close team environments and individually
- Highly organized

The following experience and knowledge are considered an asset:

- ARC GIS and /or R/Rstudio
- Field work
- Lab work
- Animal care, especially invertebrates
- Courses in Biology, Geology, Chemistry, Environmental Science and/or Ecotoxicology
- First aid and/or wilderness remote first aid

Application Requirements:

- Graduated from a post-secondary program in a STEM related field
- No more than 30 years of age at the start of the internship (due to funding stipulations only)
- Canadian citizen, permanent resident, or person granted refugee status in Canada
- Available to work for at least six months
- Not currently employed as a paid employee at the host organization
- Legally allowed to work according to the relevant provincial and Canadian legislation and regulations
- Not receiving employment insurance during internship

Application Process:

1. To confirm your eligibility, apply to be an intern [here](#).
2. Once your application is approved, the Clean Leadership team will invite you to upload your cover letter and resume to a personal folder.
3. As a pre-approved candidate, you will now be able to view job postings and apply to jobs of interest.
4. To apply for a job, you must email Meghan Borland (mborland@clean.ns.ca). In the body of the email, please ensure to specify which specific jobs(s) you are interested in.
5. Upon successful pre-screening, your resume and cover letter will be shared with the hiring employer. Employers will only contact you if you have been selected for an interview.
6. Once you are matched with a host employer, Clean will work with you and the host to get the required documents signed prior to the start of your internship.
7. You can start your internship once all the required documents are finalized, you can start your internship. A progress and final report are required from all interns.

We are committed to Employment Equity and our goal is to be a diverse workforce that is representative at all job levels.

We welcome applicants from Indigenous People, Visible Minority Groups, Persons with Disabilities and Women in occupations of positions where they are under-represented. If you are a member of one of the equity groups, you are encouraged to self-identify on either your cover letter or resume.