



SCHOOL OF
ENVIRONMENTAL
STUDIES

School of Environmental Studies
Queen's University
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PhD Student Opportunity

Open to Canadian citizens and permanent residents

Project Description

Plastics pollution is a serious environmental concern, and a major contributor to climate change because plastics are derived from fossil fuels. A group of researchers at Queen's University, led by Dr. Myra Hird, is exploring the potential of **Societal Engineering** as a new approach to plastics waste reduction technological design.

Position Details

The successful candidate will enroll in the School of Environmental Studies PhD program at Queen's University with a September 2024 start date. The guaranteed graduate student stipend for this PhD position is \$23K/y for 4 years that includes a portion of a Faculty of Arts and Science Dean's research award. The student will be supervised by Dr. Myra Hird and their committee will be made up of faculty in Chemical Engineering at Queen's University. The student will conduct a thesis project on the implementation of a Societal Engineering approach to plastics waste reduction technological design in one or more Canadian communities.

The School of Environmental Studies offers academic programs and scholarly research emphasizing the diverse contributions of the natural sciences, social sciences and humanities to understanding and addressing environmental problems. We also engage with government, industry and community stakeholders to pursue meaningful environmental research and sustainable practices. Queen's University is a Canadian research-intensive university with a transformative student learning experience.

Desired Qualifications

- Research-based MES or MA
- Theoretical knowledge of science studies and interdisciplinary studies
- Practical experience working with communities
- Team-oriented and committed to promoting equity, diversity, and inclusion

Application deadline is June 30th, 2024 but early applications are encouraged. Applications from Indigenous, Black, LGBTQ+, and persons from other underrepresented groups are welcome.

To apply, please email an application package to Dr. Myra Hird (hirdm@queensu.ca) with the subject line "CE Position 2024" containing the following:

1. 1-page cover letter explaining your interest in the project, how you meet the desired qualifications, and confirming that you are a Canadian citizen/permanent resident;
2. University transcripts;
3. A writing sample (thesis or published article), and;
4. Contact information (name, position, affiliation, work email) of 3 references.