

Graduate Students (M.E.S)

The University of Saskatchewan values diversity, and Indigenous engagement is a strategic priority.

Job Title: Graduate Students (M.E.S)

Department: School of Environment and Sustainability

Location: Saskatoon

Status: Term

Hourly Rate: <https://working.usask.ca/agreements/compensation/salary-ranges.php#PSACGraduateStudents>

Employment Group: Graduate Student - PSAC

Posted Date: December 4, 2019

Closing Date: until filled

Number of Openings: 2

Project Title: Interdisciplinary Nutrient Monitoring and Management

Institution: School of Environment and Sustainability, University of Saskatchewan

Start Date: ASAP-January 2020

Project Description:

Dr. Lori Bradford, and an interdisciplinary team of co-investigators in the School of Environment and Sustainability at University of Saskatchewan, Saskatoon, Canada are looking for highly motivated graduate students (2 M.E.S.) to conduct research on nutrient management among Treaty 4, 5, and 6 Nations in the Prairies. The team includes researchers from different fields (toxicologists, social scientists, law researchers, and engineers) and mentors from partnering communities, whose goal is to understand the variety of water management approaches in rural and Indigenous communities that contribute to nutrient-related issues in the Lake Winnipeg Basin. The main aim of this project is to support Indigenous people in three Lake Winnipeg Basin (LWB) contributing watersheds to support integrated watershed nutrient management. The interested candidates will work on projects that apply a combination of field and laboratory sampling, community engagement, social science methods, and interdisciplinary thinking to contribute to a deeper understanding of the underlying physical, toxicological, law and Treaty-based considerations for nutrient management in the Prairies.

The prospective students will be part of a team funded by Environment Climate Change Canada's Lake Winnipeg Basin Program to meet two objectives:

1. Empower communities through knowledge sharing and co-creation; and,
2. Empower communities through citizen science and monitoring.

Interested candidate from different backgrounds such as aquatic toxicology, environmental engineering and/or environmental chemistry; or the broad social sciences are highly encouraged to apply.

Qualifications:

- Undergraduate four-year Honour's degree, or equivalent, in a related field of study from a recognized college or university (GPA of at least 80% required).
- Familiarity with field and lab-based sampling, data analysis for both qualitative and quantitative methods
- Knowledge of good practices for community engagement

In addition, the candidate should have the:

- Ability to work in a collaborative manner with team and community members
- Strong oral and written communication skills
- Successful application to the College of Graduate Studies and Research
- Written support of a faculty supervisor (Dr. Bradford to supply for selected candidates)

Applicants must also meet the English proficiency (e.g. IELTS & TOEFL) and other requirements for admission to the University of Saskatchewan's College of Graduate Studies and Research:

<https://cgps.usask.ca/admissions/admissionrequirements.php#Minimumrequirements>

Funding

Two-year scholarships are available for two qualified individuals through Dr. Bradford's ECCC-LWBP grant.

How to Apply

Send your CV (specify your GPA, publications, research experience and non-expired English test results, if applicable), transcripts and contact information for three references to Dr. Lori Bradford (lori.bradford@usask.ca). Please quote the title of the position in your email subject. Once proceeding confirmation is received, please begin the admissions processed outlined on grad.usask.ca

The University of Saskatchewan is strongly committed to a diverse and inclusive workplace that empowers all employees to reach their full potential. All members of the university community share a responsibility for developing and maintaining an environment in which differences are valued and inclusiveness is practiced. The university welcomes applications from those who will contribute to the diversity of our community. The University must, however, comply with federal immigration requirements. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.