



Dr. Ryan Prosser's research group is searching for a graduate student to work on a NSERC Alliance project that is a collaboration between the University of Guelph, University of Waterloo, Shell Canada, Matrix Solutions, and Azimuth Consulting Group. The project will involve investigating the toxicity of sulfolane to different early life stages of amphibian species. Sulfolane (also tetramethylene sulfone, systematic name: 1 λ ⁶-thiolane-1,1-dione) is an organosulfur compound with the formula (CH₂)₄SO₂. It is a colorless liquid commonly used in the chemical industry as a solvent for extractive distillation and chemical reactions. There is a lack of toxicity data on sulfolane for amphibians. This data is important for assessing the potential risk that sulfolane contamination poses to amphibian populations and, by extension, freshwater ecosystems.

Required qualifications:

Applicants must have a BSc or MSc in the natural sciences along with demonstrated skills in quantitative analyses and be keen, hardworking, and highly collaborative individuals. Experience with environmental toxicology and/or amphibians would be an asset.

For candidates:

- Please send an email addressed to Dr. Ryan Prosser (prosserr@uoguelph.ca; Guelph University) including "Research opportunity" in the subject. Include a CV and a cover letter with a brief description of your research interests, relevant experience, and why you are interested in this position.
- This opportunity could be at the MSc or PhD depending on interest and experience of applicants.
- Start date is negotiable, though ideally the candidate can start as soon as possible.

- We will work with the candidates to secure external grants (e.g., Tri-Council). However, we can guarantee funding for up to 2-5 years, depending on whether the candidate is at MSc or PhD. With a goal towards reaching or nearing living wage levels of funding, remunerations, including top-ops to external grants, will be at levels exceeding Tri-Council minimums.
- All interested candidates are encouraged to apply. The University of Guelph is committed to equity in its policies, practices, and programs, supports diversity in its teaching, learning and work environments, and ensures that applications for members of underrepresented groups are seriously considered under its employment equity policy.
- We will begin accepting applications immediately and until the position is filled so please submit as soon as possible.