

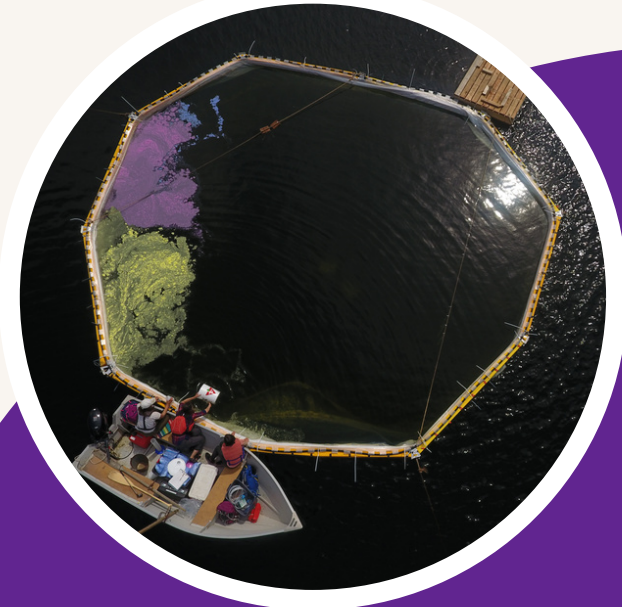
Graduate Student Opportunities



Dr. Barb Katzenback
Associate Professor
University of Waterloo
<https://uwaterloo.ca/katzenback-lab/>



Dr. Katzenback and Dr. Orihel are recruiting MSc and/or PhD students to join our research team to study the effects of microplastics on the health of amphibians, as part of a unique whole-ecosystem experiment at the world renowned IISD-Experimental Lakes Area.



JOIN US!
Applications accepted until June 30, 2023

Despite concerns of the potential impact of plastic pollution on aquatic organisms, few studies have examined the effects of exposure to microplastics on the health status of amphibians. The successful applicants will conduct research to evaluate whether exposure to microplastics causes sublethal effects on immunity, reproduction, and/or behaviour in anuran species.

TO APPLY

Our groups strive to be a diverse, equitable, inclusive and collaborative community that supports and empowers each individual to cultivate their potential and achieve their professional goals. We welcome and encourage applications from Indigenous Peoples, persons with disabilities, members of visible minority/racialized groups, members of LGBTQ2+ communities, and other under-represented persons. Successful students will enrol at the University of Waterloo under Dr. Katzenback's supervision or at Queen's University under Dr. Orihel's supervision. Start date negotiable.

Desired Qualifications:

- Successfully completed a thesis-based BSc (for MSc applicants) or MSc (for PhD applicants) in the biological sciences.
- Meaningful research experience in ONE or more of: immunology, molecular biology, animal/amphibian physiology, bioinformatics, animal behaviour, animal ecology, herpetology, and/or ecotoxicology.
- Be able to work independently and collaboratively, and possess strong verbal and written communication skills.

Instructions: E-mail Dr. Katzenback (barb.katzenback@uwaterloo.ca) and Dr. Orihel (diane.orihel@queensu.ca) using the subject line "Microplastics 2023" and include: 1) One-page cover letter that outlines your research interests and how they align with the project; 2) Curriculum vitae; 3) Unofficial transcripts; and 4) A writing sample (e.g. thesis or journal article). *Open to Canadian citizens or permanent residents only.*



Dr. Diane Orihel
Assistant Professor
Queen's University
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