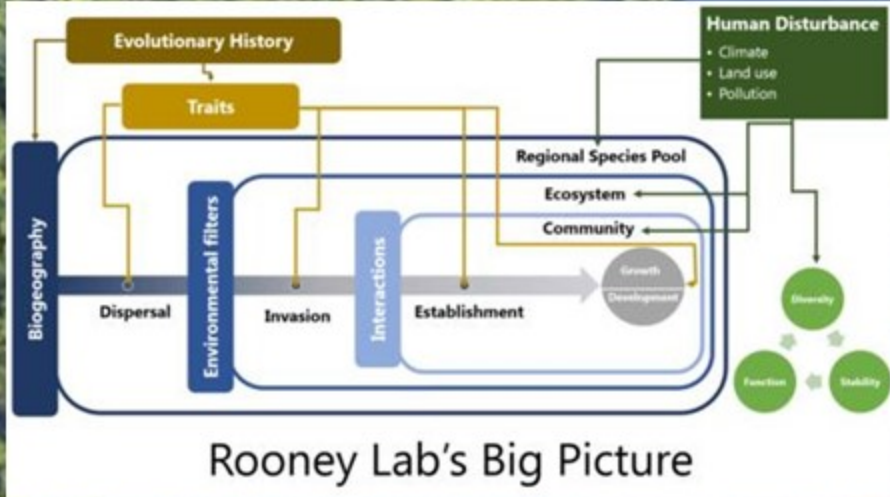


Interested in the effects of **microplastics** on **community metabolism** and **periphyton** in lakes?

The Rooney Lab is **recruiting a PhD student** to work on a manipulative mesocosm experiment at the renowned **Experimental Lakes Area**
(<https://www.iisd.org/ela/>)



Rooney Lab research addresses environmental challenges that threaten our freshwater resources using principles of ecology and evolution. We study how aquatic ecosystems respond to multiple stressors like climate change, pollution, and habitat destruction and how these alter biotic communities and valuable ecosystem services.

Learn more: <https://uwaterloo.ca/rooney-lab/about>

Graduate School: student will be enrolled at the University of Waterloo, Biology Dept. starting May 2020. Domestic students are guaranteed a min annual stipend of \$25,000/yr.

More details: <https://uwaterloo.ca/biology/graduate-studies>

Requirements: BSc. or MSc. in Biology, Environment Science, or related field; experience or interest in field ecology, aquatic ecology, bioinformatics, carbon and oxygen flux measurements, algae and microbial communities; demonstrated ability to work collaboratively; strong quantitative and communication skills

Instructions: Email rooney@uwaterloo.ca, Subject: Microplastics 2021; 1) cover letter stating your research interests and how they align with the Rooney Lab's research program and your reasons for pursuing a grad degree; 2) a short CV noting your cumulative average and your average for the last 2 years of your last degree; 3) unofficial university transcripts; and 4) contact information for 3 references. Only short-listed applicants will be contacted.