I am seeking one or two honours students (481.6) interested in lake ecosystems and water quality, for experimental work to understand cyanobacterial bloom risk. This work is associated with the research program FORMBLOOM (Global Water Futures – Formation and Mitigation of Blooms). Our work follows a cross-university collaborative model with linked undergraduate experiments (LUGNUTS – Linked undergraduate experiments on nutrients). In brief, we run the same experiment in multiple ecosystems in universities in Canada and the US. Students should be motivated to engage in a collaborative environment, and learn skills about experimental design, data management, analysis, and writing, including developing skills in collaborative writing, and collaborative data analysis.

Information on our approach to honours training is contained here: https://www.facetsjournal.com/doi/10.1139/facets-2017-0112, but I am happy to meet with prospective students to discuss research and training opportunities. Students are encouraged to reach out soon – as we have approvals to proceed with key field work – and would need to discuss and obtain training to facilitate safe work during the summer/early fall bloom season.

Please contact me if you're interested, or have questions: Helen.baulch@usask.ca