Post-doctoral researcher in Limnology at York University, Toronto, Canada

There is an opening for a post-doctoral researcher in the laboratory of Sapna Sharma in the Department of Biology at York University (www.biol.yorku.ca). The project aims to assess whether the coastal areas of the northern shore of Lake Superior are vulnerable to algal blooms in response to climate change and nutrient enrichment. This project will include a detailed analysis and integration of Great Lakes limnological, climate, and plankton datasets from the Canadian shores of Lake Superior. Information derived from the assessment will inform Great Lakes scientists, as well as federal, provincial, and binational groups working on Lake Superior lake-wide management and remedial action plans to address the question on whether bloom forming algal taxa may pose a potential for concern in localized areas. Please see the laboratory’s webpage for more information: www.sharmalab.wordpress.com.

This research project is in collaboration with Tara George and Todd Howell from the Ontario Ministry of Environment, Conservation, and Parks with funding available for 1.5 years. The successful applicant will have a PhD in ecology, limnology, applied statistics, climate science, or a relevant field, experience harmonizing large datasets collected from different sources, advanced data analytical skills in R, Python, or Matlab, and the ability to work effectively with an interdisciplinary team.

Applications are due on April 30, 2022. Preferred start date is July 1, 2022, but the starting date is negotiable. Applicants should submit a cover letter detailing their relevant background and experiences, a CV, and names and contact information for three references. Only those applicants selected for consideration will be contacted for an online interview. Inquiries about the position and applications may be sent to Sapna Sharma at sharma11@yorku.ca.