

Posting Date: March 4, 2024

**DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY**  
Faculty of Arts and Science University of Toronto

**JOB POSTING – POSTDOCTORAL FELLOW**

The Department of Ecology and Evolutionary Biology at the St. George campus of the University of Toronto invites applications for a Postdoctoral Fellowship in the Jackson lab.

**Area of Research:** Aquatic Ecology/Statistical Ecology

**Description of duties:** Research will focus on analyzing a large dataset related to the fish community and additional trophic levels, sampled from numerous locations within Lake Erie during the past two decades. This research will be conducted in collaboration between the University of Toronto and the Ontario Ministry of Natural Resources and Forestry. The overall objective is to study the interactions among fish species and their environmental conditions, such as temperature, nutrients, zooplankton and phytoplankton communities in Lake Erie, to develop a better understanding of factors influencing the dynamics and recruitment of commercially important species (walleye, yellow perch, lake whitefish). This rich dataset provides great opportunities to develop additional hypotheses or questions of interest to study. The successful candidate will: analyze the data to address project objectives and publish this work in the primary literature; have opportunities to present this research at conferences, develop reports to the funding agency as required, develop and collaborate on additional projects as time permits, and participate in the general activities of the Jackson research group and department.

**Salary:** \$55,000 per year

*Please note that should the minimum rates stipulated in the collective agreement be higher than rates stated in this posting, the minimum rates stated in the collective agreement shall prevail.*

**Required qualifications:** The candidate must have a recent PhD in fisheries, aquatic ecology, statistical ecology or a related field. Demonstrated knowledge in one or more of these areas is critical, including related publications in the literature. A strong background in statistical analysis in R is required and experience working with large datasets is desirable.

**Application Instructions:**

All individuals interested in this position must submit a cover letter highlighting why you are well suited for this position and your career goals, CV, up to 3 relevant publications, and contact information for 3 references by the closing date. Please send this to [don.jackson@utoronto.ca](mailto:don.jackson@utoronto.ca)

**Closing date: March 28, 2024**

*This position will remain open until filled, however we will begin to review complete applications after March 28, 2024.*

**Supervisor:** Professor Don Jackson

**Expected start date:** June 1, 2024 with flexibility for an earlier or later start date

**Term:** 12 months renewable for another 18 months subject to performance/suitable research progress

**FTE:** 100%

The University of Toronto is a leading academic institution in Canada with over 60 faculty members specializing in ecology and evolution. Strong links exist between the Department of Ecology and Evolutionary Biology and the Royal Ontario Museum, the Centre for Global Change, and the School of the Environment. The University owns a nearby field station dedicated to ecological and evolutionary research (the Koffler Scientific Reserve, [www.ksr.utoronto.ca](http://www.ksr.utoronto.ca)). The department also has a partnership with the Ontario Ministry of Natural Resources that helps provide access to infrastructure, including lab facilities in Algonquin Provincial Park ([www.harkness.ca](http://www.harkness.ca)), funding, and long-term data sets. Genomic analyses are supported by a number of high-performance computing resources, multi-lab bioinformaticians, as well as staff at the Centre for the Analysis of Genome Evolution and Function.

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*The normal hours of work are 40 hours per week for a full-time postdoctoral fellow (pro-rated for those holding a partial appointment) recognizing that the needs of the employee's research and training and the needs of the supervisor's research program may require flexibility in the performance of the employee's duties and hours of work*

*Employment as a Postdoctoral Fellow at the University of Toronto is covered by the terms of the CUPE 3902 Unit 5 Collective Agreement.*

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*The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ2S+ persons, and others who may contribute to the further diversification of ideas.*