

Posting Date: March 16, 2020

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

JOB POSTING – POSTDOCTORAL FELLOW

The Stinchcombe Lab at the University of Toronto is looking to hire **two (2)** highly motivated post-doctoral scholars to work on questions in ecological and evolutionary genetics.

Area of Research: Plant population genomics and ecological genetics

Description of duties: Research will focus in the general area of population genomics and ecological genetics. Potential topics include validating novel candidate genes underlying flowering time variation, genomic and transcriptomic approaches to plant-microbe interactions, and empirical work at the intersection of quantitative and population genetics. Further information about research in the Stinchcombe lab is available at <https://stinchcombe.eeb.utoronto.ca/>

Salary: \$45,000 / 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(s) must have a recent PhD in evolutionary biology, genomics, population/statistical/ quantitative genetics or a related field, with strong evidence of published research productivity. The ideal candidate would have some combination of extensive experience with data analysis and statistical skills, experience working next-generation sequencing or transcriptome data, and/or facility implementing greenhouse or field experiments with large numbers of plants. A burning desire to test evolutionary hypotheses with genetic and ecological data in plants would be favorable.

Application Instructions

All individuals interested in this position must submit the following documents to Professor John Stinchcombe (john.stinchcombe@utoronto.ca) by the closing date.

1. Cover letter indicating the intersection of their research interests and expertise with recent work in the lab, including how both will be extended
2. Current C.V.
3. Three (3) relevant publications
4. Contact information for three (3) references by the closing date

Closing date: June 1, 2020

These positions will remain open until filled, however we will begin to review complete applications after March 30, 2020.

Supervisor(s): Professor John Stinchcombe

<https://stinchcombe.eeb.utoronto.ca/> / john.stinchcombe@utoronto.ca

Expected start date: July 1, 2020 with flexibility for an earlier or later start date.

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

FTE: 100%. Depending on experimental requirements, evening and/or weekend work may be required.

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). 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), 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.

The normal hours of work are 40 hours per week for a full-time postdoctoral fellow 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, LGBTQ persons, and others who may contribute to the further diversification of ideas.