



IMPROVE LIFE.

Open graduate student positions in Evolutionary Ecology and Plant Diversity

The Gagnon Lab in the Department of Integrative Biology at the University of Guelph seeks M.Sc. and Ph.D. students with interests in evolutionary ecology and biogeography/population genetics, and plant biodiversity. Our research group is interested in describing and understanding the origin of plant diversity, to foster an understanding of how plants adapt to different environments.

Currently, the lab is focusing on the genus *Solanum*, a globally distributed group of 1250 species that contains 3 major crops, 21 minor crops, and their wild relatives. We are particularly interested in understanding the adaptation of wild species in this group to different environmental stresses. There are also the opportunities to work on other topics, such as identifying the taxonomic origin of a novel invasive species in Ontario. Students will be able encouraged to learn and use about interdisciplinary approaches, from macroevolutionary studies to population-level studies, plant physiology and genomics. will have the opportunity to conduct interdisciplinary research and will be encouraged to explore topics in these areas when formulating their research hypotheses.

Interested applicants should submit a CV, unofficial transcript, a letter describing their research interests and career goals, and contact information for two referees to Dr. Edeline Gagnon (edeline.gagnon@uoguelph.ca). Applications must be submitted by February 20th 2025, and the selection process will continue until all positions have been filled. Further information on our lab's research interests and publications can be found at: <https://edelinegagnon.wixsite.com/gagnon-lab-1>

Candidates must be Canadian citizens or permanent residents*. The successful applicant should possess a strong transcript (at least a B average in their last 2 years of study). The successful applicant will be guaranteed financial support for the duration of the degree program (2 years for M.Sc. students and 4 years for Ph.D. students). Applications will be considered for a May or September 2025 start date.

* International students will only be considered if they can demonstrate a clear path to secure funding to support their studies.