

Two Assistant Professors in Plant Biology (UTSC-17-09 & UTSC-17-10)
University of Toronto Scarborough

The Department of Biological Sciences, University of Toronto Scarborough invites applications for two tenure-stream appointments, one in the area of **Plant Stress Biology** and the other in the area of **Plant Systems Biology**. The appointments are at the rank of Assistant Professor and will commence on July 1, 2018.

Applicants must have a PhD in plant biology or a related field, and at least one year postdoctoral experience relevant to the position. The successful candidates' research and teaching interests will complement existing strengths in the Department, which include plant-environment interactions at individual, population or ecosystem levels, and evolutionary, ecological, physiological, biochemical, molecular genetics, and genomic approaches. Ideal candidates will also be interested in biotechnological approaches to plant improvement using both model genetic and agriculturally important species.

Plant Stress Biology. Candidates will demonstrate expertise in mechanisms by which plants respond and acclimate to abiotic stress. The successful candidate will take an integrative approach, combining molecular, biochemical and physiological analyses to elucidate how plants both sense and respond to their environment. Candidates studying signal transduction and/or metabolic acclimations in response to stress are also encouraged to apply .

Plant Systems Biology. Candidates will take a systems approach to fundamental aspects of plant growth and development, such as protein, RNA and/or gene regulatory networks. The successful candidate will have extensive expertise in the use of -omics technologies and the ability to apply computational methods to large data sets.

The successful applicants will be expected to conduct innovative research at the highest international level and to establish an outstanding, externally funded research program. They will have a record of excellence in research, as demonstrated by publications in top-ranked and field-relevant academic journals, presentations at significant conferences, awards and accolades, and strong endorsements by referees of high international standing. The successful candidates will also have a strong commitment to excellence in teaching at both the undergraduate and graduate level and to graduate student training and supervision. Evidence of commitment to excellence in teaching will be demonstrated through teaching accomplishments, strong letters of reference and the statement of teaching philosophy submitted as part of the application. Salary will be commensurate with qualifications and experience.

The University of Toronto is an international leader in biological research and education and the Department of Biological Sciences enjoys strong ties to other units within the University. The successful candidate will be expected to participate actively in the Graduate Department of Cell and Systems Biology at the University of Toronto (<http://csb.utoronto.ca/>), to maintain an active research program

centered at the University of Toronto Scarborough, and to foster and facilitate inclusivity while working in one of Canada's most diverse institutions. At UTSC, the new faculty members will be able to interact with a Plant Cell and Molecular Processes research group and have access to several multi-user facilities such as for plant growth, start-of-the-art imaging or analytical analyses. The new faculty will also have access to the Centre for Analysis of Genome Evolution and Function in the Department of Cell and Systems Biology (<http://www.cagef.utoronto.ca>).

All qualified candidates are invited to apply by clicking on this [link](#). Applications must include a CV, statements of research and teaching interests and three representative publications. Submission guidelines can be found at: <http://uoft.me/how-to-apply>. We recommend combining attached documents into one or two files in PDF/MS Word format.

Applicants should also arrange that letters of reference (on letterhead, signed and scanned) from at least three referees familiar with the candidate's research and teaching be emailed directly by the referee to: biologygeneral@utsc.utoronto.ca.

Applications lacking reference letters will not be considered. If you have questions about this position, please email biologygeneral@utsc.utoronto.ca.

All materials must be received by December 4, 2017.

Further information on the research and teaching activities of the department can be found at <http://www.utsc.utoronto.ca/~biosci/>.

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.

As part of your application, you will be asked to complete a brief Diversity Survey. This survey is voluntary. Any information directly related to you is confidential and cannot be accessed by search committees or human resources staff. Results will be aggregated for institutional planning purposes. For more information, please see <http://uoft.me/UP>.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.