



Assistant Professor – Plant Metabolism – Job # 1500865

The Department of Biology, University of Toronto Mississauga (UTM), invites applications for a tenure-stream appointment in Plant Metabolism at the rank of Assistant Professor effective July 1, 2016.

We are searching for an outstanding candidate whose research focuses on primary or secondary metabolism of plants. Preference will be given to candidates who study the mechanistic basis of metabolism in the context of metabolic pathways, or large-scale (whole tissue or whole plant) characterization of plant metabolism using metabolomic approaches. The successful candidate should use advanced and interdisciplinary techniques in the study of plant phytochemistry which might include gas chromatography, high performance liquid chromatography, UV diode array detection, ultra-performance liquid chromatography, mass spectrometry and NMR. Candidates that integrate these techniques with upstream hormonal and molecular processes, or downstream functional consequences (e.g., energy storage, defense, stress tolerance, etc.) are especially encouraged to apply.

The UTM and its affiliated institutions offer a stimulating and supportive environment with a variety of facilities and a highly interactive community of researchers. We seek applications from individuals whose research program would complement existing departmental research strengths, which include the study of aspects related to primary or secondary plant metabolism, as well as, faculty with interests in cell and molecular biology. Excellent opportunities exist for collaboration within the Department of Biology, with other departments at UTM (e.g., Chemical and Physical Sciences and Geography), as well as with faculty at the St. George and Scarborough campuses of the University of Toronto.

Applicants must have a Ph.D. in Biology or related field (e.g., Plant Biology, Botany, etc.), post-doctoral experience, an outstanding academic record, demonstrated research excellence, ability to recruit and supervise graduate students, and excellence in teaching. Evidence of excellence in research will be demonstrated by publications in top ranked and field relevant academic journals, presentations at significant conferences, awards and accolades, and strong endorsements by referees. The successful candidate will be expected to contribute to the teaching program of the department. Evidence of excellence in teaching will be demonstrated through teaching accomplishments, letters of reference and the teaching dossier submitted as part of the application. Salary will be commensurate with qualifications and experience. The appointee will be located in the Department of Biology (www.utm.utoronto.ca/biology), University of Toronto Mississauga, and will also be a member of the tri-campus graduate Department of Cell & Systems Biology (www.csb.utoronto.ca).

All qualified applicants are invited to apply online by clicking the link below. Applications must include a cover letter, curriculum vitae, a statement outlining current and future research interests, a statement on teaching philosophy and experience, 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 files in the following format:

- 1) Letter, CV and research and teaching statements
- 2) Publications

Applicants should arrange for three signed letters of reference from individuals familiar with the candidate's **research and teaching** to be sent directly to: Dr. Angela B. Lange, Chair, Department of Biology, University of Toronto Mississauga, (on letterhead, signed and scanned) to: biology.utm@utoronto.ca.

If you have any questions regarding this position please contact Prof. Angela Lange at biochair.utm@utoronto.ca.

Closing date for submissions is **September 14, 2015**.

For more information on the Department of Biology please visit our webpage at www.utm.utoronto.ca/biology. Information on the graduate unit can be found at: www.csb.utoronto.ca.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.

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