



## Assistant Professor, Teaching Stream - Biotechnology

### *Department of Biology, Faculty of Science*

The Department of Biology in the Faculty of Science at York University invites candidates to apply for a teaching stream tenure-track position in Biotechnology at the rank of Assistant Professor, Teaching Stream to commence July 1, 2023. Salary will be commensurate with qualifications and experience. All York University positions are subject to budgetary approval.

The successful candidate will be expected to provide creative educational leadership and a commitment to student success in the development and delivery of a new Graduate Diploma in Biotechnology and Professional Master's Degree in Biotechnology Management at the Markham Campus (expected in Fall 2024). Between July 1, 2023, and the opening of the new campus, the appointee will assume a combination of teaching responsibilities at York's Keele campus and contribute to the development of academic and research programming planned for the new Markham Campus.

York University's **Markham Campus** will offer state-of-the-art facilities to provide innovative job-ready academic programming and research focussing on core themes of technology and entrepreneurship as applied in different contexts, disciplines and professional fields. Building on York University's academic presence in the City of Markham, the new campus will help fulfil future labour market and civic leadership needs by providing transferable 21st century skills that are at the core of future economic competitiveness and community development in Markham, York Region, and across Ontario. Collaboration with York University's existing research strengths in the core areas of the new campus, and dynamic engagement with the area's businesses and industries, will create an innovative, cross-disciplinary research culture for solving complex problems that transcend traditional disciplines.

A Ph.D. in Biology or a related discipline is required by the start date as well as a strong record of experience in the private Biotechnology sector, and the promise of excellence in the teaching of industrial biotechnology best practices and/or commercialization. The successful candidate will be expected to develop and deliver a new Graduate Diploma in Biotechnology and Professional Master's Degree in Biotechnology Management at the Markham Campus. A tentative curriculum for this initiative includes an Introductory Course in Biotechnology and Ethics, as well as courses in Laboratory Skills, R&D Practices, and Data Analysis and Science Communication. Other overarching topics such as product commercialization will also be integrated where applicable. The delivery of the overall curriculum is intended to be highly experiential in nature and will also include an internship component within the Master's degree, and so demonstrated links to the biotechnology private sector in Canada and the Greater Toronto Area will also be prioritized.

York is a leading international teaching and research university, and a driving force for positive change. Empowered by a welcoming and diverse community with a uniquely global perspective, we are preparing our students for their long-term careers and personal success. Together, we can make things right for our communities, our planet, and our future.

York University has a policy on [Accommodation in Employment for Persons with Disabilities](#) and is

committed to working towards a barrier-free workplace and to expanding the accessibility of the workplace to persons with disabilities. Candidates who require accommodation during the selection process are invited to contact the Biotechnology Search Committee at [biojobs@yorku.ca](mailto:biojobs@yorku.ca).

All qualified candidates are encouraged to apply; however, Canadian citizens, permanent residents, and Indigenous peoples in Canada will be given priority. No application will be considered without a completed mandatory **Work Status Declaration** form.

York University is an Affirmative Action (AA) employer and strongly values diversity, including gender and sexual diversity, within its community. The AA Program, which applies to women, members of racialized groups, Indigenous peoples, persons with disabilities, and those who self-identify as 2SLGBTQ+, can be found at <http://acadjobs.info.yorku.ca> or by calling the AA line at 416-736-5713. Applicants wishing to self-identify as part of York University's Affirmative Action program can do so by downloading, completing, and submitting **this voluntary self-identification form**.

The deadline for receipt of completed applications is **February 1, 2023**. The application should include a cover letter, curriculum vitae, a teaching dossier, and three letters of reference. The teaching dossier should include:

- a one-page statement of teaching philosophy
- evidence of teaching, mentoring, and/or training effectiveness where available (examples: sample course outlines, teaching reviews, professional development and/or training programs organized and/or attended, supervision of volunteers, students, interns, etc.).
- a one-page statement of industry experience relating the applicant's background in the private sector with the ability to design and deliver the proposed tentative curriculum. Additional documentation to support this one-page statement is permitted if deemed necessary.

Applications are accepted by e-mail to the Biotechnology Search Committee at [biojobs@yorku.ca](mailto:biojobs@yorku.ca). Please include "Markham Biotechnology Assistant Professor" in the subject line of the email.