

Open Rank Professorial Stream Position in Biology, Astronomy, Astrophysics, Mathematics, Statistics

Faculty of Science, York University

The Faculty of Science, York University, invites highly qualified candidates to apply for a professorial stream tenure-track or tenured appointment at the Assistant, Associate, or Full Professor level to commence July 1, 2021. Candidates must be appointable to one of the departments of Biology, Physics and Astronomy, or Mathematics and Statistics. Salary will be commensurate with qualifications and experience. All York University positions are subject to budgetary approval. The successful candidate will be affiliated with the Department that best suits their research and teaching interests.

This opportunity is open to qualified individuals who self-identify as Black peoples of African Descent (for example Africans and African heritage people from the Caribbean, Americas, Europe). Recognizing the underrepresentation of Black faculty, this opportunity is to support the University's Affirmative Action program and has been developed based on the special program provisions of the Ontario Human Rights Code. The position is part of a cohort hire of fourteen new colleagues at York University, including hires across a number of faculties and a wide range of areas and fields. The successful candidate will be joining a vibrant scholarly community at York, where we aspire to achieve equity and diversity in all areas, including race equity.

Applicants must have a PhD and postdoctoral experience in one of the following disciplines: Biology, Astronomy, Astrophysics, Mathematics or Statistics, with a demonstrated excellence or promise of excellence in scholarly research and teaching. Applicants should have a clearly articulated program of research. The Department of Physics and Astronomy is particularly interested in candidates who can make use of the next generation of observing facilities and/or their data products and who have experience working at the cutting edge of investigations involving large bodies of astronomical data. The Department of Biology is interested in candidates who are undertaking innovative and integrative approaches to study fundamental genetics or immunology at a molecular, cellular, and/or organismal level. The Department of Mathematics and Statistics encourages applicants in any area and especially the field of Statistics with strength in Data Science, Artificial Intelligence, Machine Learning, or High dimensional Statistics, or any field of Pure Mathematics.

The successful candidate will be expected to engage in outstanding, innovative, and externally funded research at the highest level. Candidates must provide evidence or promise of research excellence as demonstrated in: the research statement; a record of publications (including forthcoming publications) in top-ranked and field-relevant journals; presentations at scientific or discipline-specific conferences; awards and accolades; and strong recommendations from referees of high standing.

The position will involve graduate teaching and supervision, as well as undergraduate teaching. The successful candidate must be suitable for prompt appointment to the Faculty of Graduate Studies.

Evidence of excellence or promise of excellence in teaching should be submitted through the teaching statement; teaching accomplishments and pedagogical innovations including in high priority areas such as experiential education and technology enhanced learning; teaching evaluations; and strong letters of reference.

York University champions new ways of thinking that drive research and teaching excellence. Through cross-disciplinary programming, innovative course design, diverse experiential learning and a supportive community environment, our students receive the education they need to create big ideas that make an impact on the world. Located in Toronto, York is the third largest university in Canada, with a strong community of 53,000 students, 7,000 faculty and administrative staff, and more than 300,000 alumni.

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 Professor Gerald Audette, Associate Dean, Faculty Affairs, and Chair of the Search Committee, Email: scijobs@yorku.ca.

This selection will be limited to individuals who self-identify as Black. York University is an Affirmative Action (AA) employer and strongly values diversity, including gender and sexual diversity, within its community. York University encourages Black peoples to self-identify as a member of one or more of the four designated groups: women, members of visible minorities (racialized groups), Aboriginal (Indigenous) people and persons with disabilities. The Affirmative Action program can be found at www.yorku.ca/acadjobs 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 as part of the application process (<https://apply.laps.yorku.ca>). The form can also be found at: <http://acadjobs.info.yorku.ca/affirmative-action/self-identification-form>. 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 which can be found at <http://acadjobs.info.yorku.ca/affirmative-action/work-authorization-form>.

The deadline for receipt of completed applications is **December 7, 2020**. All application materials, including a letter of application with an up-to-date curriculum vitae, a statement of research and teaching interests, and teaching evaluations should be submitted electronically through <https://academicjobsonline.org/ajo/jobs/16998>. Furthermore, applicants should arrange for three or more signed letters of recommendation to be sent on their behalf. Any queries about this position should be directed to Professor Gerald Audette, Associate Dean, Faculty Affairs, and Chair of the Search Committee, Email: scijobs@yorku.ca.

About the Faculty of Science and the Departments

The Faculty of Science is a hub of research and teaching excellence, fostering scientific discovery and preparing global thinkers to advance knowledge and human progress. Our students learn from, and work with, outstanding faculty members, and benefit from leading-edge research facilities. Our scientists collaborate with colleagues around the world in academia, industry and government, and engage with the community at large through extensive outreach activities and media.

Further information about the Faculty of Science, with departmental links for the Departments of Biology, Physics and Astronomy, or Mathematics and Statistics at <http://science.yorku.ca/>