

SC - T - 027

Tenure-Track Position in Mathematical Biology

The Opportunity

The Department of Mathematics in the [Faculty of Science](#) at Ryerson University invites applications for a full-time tenure-track position in Mathematical Biology at the Assistant Professor level, commencing on July 1, 2019, subject to final budgetary approval.

The Department of Mathematics has 19 tenured and tenure-track faculty members. Research interests include discrete mathematics, financial mathematics, fluid dynamics, and mathematical biology. The department has a strong Master's program in applied mathematics, a recently created PhD Program and vibrant undergraduate programs in financial mathematics, and in mathematics and its applications. We welcome you to visit <http://www.math.ryerson.ca/> to learn more about our evolving department.

Responsibilities

Responsibilities will include contributing to our undergraduate and graduate programs through teaching and student supervision. Successful candidates will also be expected to establish and maintain a strong, independent, and externally-funded research program in mathematical biology, and be engaged in the academic life of the Department, the Faculty, and the University.

Qualifications

The successful candidate must hold both an earned PhD and postdoctoral or similar experience in mathematical biology or related field. Candidates must hold a strong research profile (for example, evidence of an emerging scholarly record, ability to establish and maintain an independent, externally funded research program), and show a strong commitment to graduate and undergraduate teaching and student training, and a capacity for collegial service. Evidence of international standing and grant funding will be positive assets. Candidates must have demonstrated a commitment and record of upholding the values of equity, diversity, and inclusion in their service, teaching, and scholarly, research or creative activities. Candidates will be expected to demonstrate their ability to work with a diverse student population.

The successful candidate will have a strong research program in mathematical biology with possible specialties including, but not limited to, population dynamics, infectious diseases, ecology, computational biology, and fluid dynamics. Experience in collaborating with research hospitals or industry will be considered an asset.

Equity at Ryerson University

At the intersection of mind and action, Ryerson is on a transformative path to become Canada's leading comprehensive innovation university. Integral to this path is the placement of equity, diversity and inclusion as fundamental to our institutional culture. Our current [academic plan](#) outlines each as core values and we work to embed them in all that we do.

Ryerson University welcomes those who have demonstrated a commitment to upholding the values of equity, diversity, and inclusion and will assist us to expand our capacity for diversity in the broadest

sense. In addition, to correct the conditions of disadvantage in employment in Canada, we encourage applications from members of groups that have been historically disadvantaged and marginalized, including First Nations, Metis and Inuit peoples, Indigenous peoples of North America, racialized persons, persons with disabilities, and those who identify as women and/or 2SLGBTQ+. Indigenous candidates who would like to learn more about working at Ryerson University, the city, and the Indigenous community are welcome to contact Ms. Tracey King, M.Ed., Aboriginal HR Consultant, Aboriginal Recruitment and Retention Initiative, at t26king@ryerson.ca. Please note that all qualified candidates are encouraged to apply; however, applications from Canadians and permanent residents will be given priority.

As an employer, we are working towards a people first culture and are proud to have been selected as one of **Canada's Best Diversity Employers** and a **Greater Toronto's Top Employer** for 2015, 2016, 2017 and 2018. To learn more about our work environment, colleagues, leaders, students and innovative educational environment, visit www.ryerson.ca, check out [@RyersonU](#), [@RyersonHR](#) and [@RyersonECI](#) on **Twitter**, and visit our **LinkedIn** company page.

How to apply?

Applicants are asked to submit their applications online at <http://www.mathjobs.org/>. Applications must include:

- a cover letter; please also indicate your contributions to making your discipline more equitable and inclusive through committee work, community engagement, social media, or advocacy
- a current curriculum vitae describing your scholarly and professional development via your education and research activities
- a proposal describing short- and long-term research plans and past research achievements (up to 3 pages)
- electronic copies of up to three (3) recently published research papers
- a teaching statement (up to 3 pages), and a dossier of syllabi and other evidence of teaching capacity, if available. These must demonstrate how you (or how you intend to) engage, encourage, and develop the learning capacity of a diverse student population.

Please indicate in your application if you are a Canadian citizen or a permanent resident of Canada.

Additional inquiries may be sent by email to Dr. Larry Kolasa, Chair of the Department of Mathematics lkolasa@ryerson.ca. Review of applications will begin **December 1, 2018**, and will continue until the position is filled. We thank applicants in advance for their interest; however, only those under consideration will be contacted. Letters of reference (3) will only be requested for shortlisted applicants, and will be submitted to <http://www.mathjobs.org/>.

This position falls under the jurisdiction of the Ryerson Faculty Association (RFA).

- The RFA collective agreement can be viewed at: https://www.ryerson.ca/content/dam/faculty-affairs/rfa-collective-agreement/RFA_CA_2015_to_2018.pdf
- The RFA's website can be found at: www.rfanet.ca.
- A summary of RFA benefits can be found at: http://www.ryerson.ca/hr/benefits/benefits_by_group/rfa/index.html.