Assistant Professor, Mathematics
Mount Royal University
Calgary, AB

The Department of Mathematics and Computing, Faculty of Science and Technology at Mount Royal University invites applications for a **tenure track** position which will **commence July 1, 2023**, subject to final budgetary approval, at the Rank of **Assistant Professor.**

The successful candidate will demonstrate a primary commitment to undergraduate teaching and an ongoing research program. A significant focus will be on teaching mathematics courses to support delivery of the Minor in Mathematics and the Minor in Mathematics for Elementary Education. Preferred candidates may also provide mathematical expertise to support the department's curricular goals in the area of Data Science. This may include developing and/or teaching courses in Fourier analysis, optimization, probability, or stochastic processes.

The successful candidate will develop/maintain an active research program. The ability to involve undergraduate students in research and the ability to attract external funding, while not necessary, are considered assets. Priority will be given to applicants who specialize in one or more of the following areas:

- graph theory
- optimization
- probability
- stochastic processes

Candidates from other broad areas of mathematics are also encouraged to apply.

The successful candidate will hold a doctorate in mathematics; or a doctorate in a closely related field with a strong theoretical foundation in mathematics. In cases where the doctorate is in a "related field", it is the candidate's responsibility to demonstrate sufficient expertise in mathematics.

New faculty are hired into one of two work patterns. The teaching/ scholarship/ service pattern (TSS) has a focus on teaching with the requirement that the faculty member be involved in a research program as well as service to the Mount Royal community. The teaching/ service pattern (TS) has a focus on teaching and service only. **The successful candidate will be hired into the teaching/ scholarship/ service pattern (TSS)**. There is an option to change work patterns after tenure.

For further information, contact Brady Killough, Chair, Department of Mathematics and Computing at **bkillough@mtroyal.ca**.

Closing Date: March 28, 2023

To Apply: Please Visit https://mtroyalca.hua.hrsmart.com/hr/ats/Posting/view/2120

If you require an accommodation in order to participate in the recruitment process, please notify us and we will work together on the accommodation request.

Interested individuals are encouraged to apply as early as possible online. Please include
- a cover letter;
- a curriculum vitae;
- a teaching dossier that includes a statement of teaching philosophy, evidence of teaching effectiveness, and a list of at least 5 courses that you would be interested in teaching (either existing MRU courses, or ones that you would like to create);
- an inclusion, diversity, equity, and accessibility (IDEA) statement that briefly highlights ways you strive to advance these ideals in your classroom, or in your work more broadly;
- a statement of research that includes a brief outline of your research interests and plans for future research at Mount Royal University;
- the names and contact information of three references.

Please provide all documents in a single PDF document titled *LastName,Initial-ReqNo.pdf*.

Incomplete applications will not be reviewed.

We thank all applicants for their interest. Only applicants selected for an interview will be contacted. After the close date, you can check on the status of your application through your Career Centre. New career opportunities arise frequently and are posted as they become available. Please check back often to view our latest postings on our Career Opportunities page. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Mount Royal University hires on the basis of merit and is strongly committed to fostering diversity as a source of excellence, intellectual and cultural enrichment, and social strength. We welcome applications from those who would contribute to the further diversification of our staff, faculty and their scholarship including but not limited to Indigenous Peoples, women, persons with disabilities and persons of any sexual or gender identity, ethnic, national or socio-economic background, religion or age.

About MRU

Founded in 1910 and located in Calgary, Alberta, Canada, Mount Royal University grew into a vibrant college in the 1930s and became a mid-sized university in 2009. Mount Royal has carved out a distinct niche by offering smaller class sizes, a robust liberal education and unique undergraduate programs. Currently, more than 14,000 credit students choose from 12 bachelor degrees and 36 majors.

Mount Royal University is located in the traditional territories of the Niitsitapi (Blackfoot) and the people of the Treaty 7 region in southern Alberta, which includes the Siksika, the Piikani, the Kainai, the Tsuut'ina and the Iyarhe Nakoda. We are situated on land where the Bow River meets the Elbow River. The traditional Blackfoot name of this place is "Mohkinstsis," which we now call the city of Calgary. The city of Calgary is also home to the Métis Nation.

Mount Royal University is committed to removing barriers and fostering the inclusion of voices that have been historically underrepresented or discouraged in our society. In support of our belief that diversity in our faculty and staff enriches the work, learning and research experiences for the entire campus

community, we strongly encourage members of the designated groups (women, Indigenous Peoples, persons with disabilities, members of visible minorities, and diverse sexual orientation and gender identities) to apply and self-identify.

About the Faculty of Science and Technology

Mount Royal's Faculty of Science and Technology offers Bachelor's Degrees in Biology, Chemistry, Computer Science, Computer Information Systems, Environmental Science, Geology, and General Science which allow students to prepare for a variety of exciting careers in science and technology by not only teaching them the basics of science but also how to be flexible and innovative problem-solvers.

Faculty members in the Faculty of Science and Technology also support the delivery of the liberal education component of all Mount Royal University undergraduate degree programs by teaching courses in General Education(GNED), Cluster-One: Numeracy and Scientific Literacy. In foundation level GNED courses students explore pre-disciplinary themes and subjects and are exposed to a range of academic disciplines while developing key undergraduate intellectual capacities

The Department of Mathematics and Computing offers a Bachelor of Computer Information Systems (BCIS), a Bachelor of Science Computer Science (BSc CS) as well as minors in Computer Information Systems, Mathematics, and Mathematics for Elementary Education. The Department is also developing proposals for both a major and a minor in Data Science.

What We Offer

Talented and committed employees are the driving force behind student success. We strive to be an employer of choice among Canadian post-secondary institutions.

At Mount Royal University, we recognize that people are a combination of many intersecting identities; we work to cultivate an environment that welcomes the whole person, and harnesses the strength that is available in our diversity, creating a rich and inclusive workplace.

Investing in the learning and development of our employees benefits the individual and the University. A variety of services, resources and programs encourage a healthy, productive workplace. Mount Royal University offers a competitive total compensation package including health and dental benefits, pension, health and personal spending accounts, paid vacation, winter holiday closure, personal days and a free membership in our fully equipped recreation centre.

Our campus offers the convenience of a full medical clinic, dentist and pharmacy, as well as a variety of wellness services such as physiotherapists and massage therapists. Campus Recreation offers many activities, including personal training, fitness classes, climbing, aquatics, sports, tournaments and certifications for students, employees and the public.