Tenure-Track Faculty Position
Open to rank of Assistant Professor
Canada Research Chair Tier 2 in Probabilistic Modelling of Physical Systems for eligible candidates

Position in Faculty of Science (Department of Mathematics and Statistics)

The Canada Research Chair is also open to internal candidates who already hold a tenure-track or tenured faculty position at McGill University.

Position description

The Department of Mathematics and Statistics welcomes applications from qualified candidates with research interests in probabilistic modelling of physical systems, specifically the use of probabilistic techniques (e.g. stochastic homogenization) in the mathematical analysis of the dynamic processes that govern physical phenomena. The successful candidate will have the capability to bridge the intra-Department research themes of pure mathematics, applied mathematics and probability and statistics, as well an interest in developing collaborations outside of the discipline of mathematics. The successful candidate will also be able to demonstrate the capability to be involved in outreach, mentoring and/or knowledge translation activities that contribute to the Departmental profile and environment.

If the successful candidate satisfies the specific eligibility conditions of the program, the candidate may be supported by the University for nomination to a Tier 2 Canada Research Chair (CRC) in Probabilistic Modelling of Physical Systems, which provides protected time for research within a full-time academic appointment.

Tier 2 Chairs are for emerging researchers (individuals who are no more than 10 years from having earned their highest degree). However, career interruptions (e.g. maternity or parental leave, extended sick leave, clinical training, family care, etc.) may be taken into consideration using the Tier 2 justification process to review the candidate’s eligibility. Potential applicants who are more than 10 years from their highest degree with career interruptions may contact the institution to have their eligibility reviewed through the Tier 2 justification process. The eligibility conditions for the CRC chairs are described at http://www.chairs-chaires.gc.ca/program-programme/nomination-mise_en_candidature-eng.aspx#3.

Job Duties

The successful candidate will be expected to carry out the academic duties of teaching, research and other scholarly and professional activities, and service contributions to the University and scholarly communities.

Qualifications and Education requirements

Candidates must hold a PhD (or equivalent qualification) in mathematics with a demonstrated track-record of excellence in research. Teaching experience in the university sector is preferable.

Candidates who do not satisfy the CRC eligibility criteria for a Tier 2 chair are nonetheless invited to apply for the position.
JOB DETAILS

Job Type: Tenure-track
Rank: Assistant Professor
Salary: Salary will be commensurate with qualifications and experience
Application deadline: 15 March 2018

APPLICATION PROCESS

Applications must be submitted to:

Chair, Department of Mathematics and Statistics,
McGill University,
805 Sherbrooke Street West,
Montreal, H3A 0B9

The following supporting documents are required:
- a cover letter and curriculum vitae
- statement of research and teaching interests
- three sample publications or preprints
- proof of teaching excellence in the form of student evaluations
- a statement detailing the outreach, mentoring and/or knowledge translation experience
- the names and contact information of three referees, with one of the referees being the doctoral supervisor

Internal applicants to the Canada Research Chair need to submit a recent curriculum vitae and a statement of research interests aligned with the designated subject area for the chair.

COMMITMENT TO EQUITY AND DIVERSITY

McGill University hires on the basis of merit and is strongly committed to equity and diversity within its community. We especially welcome applications from visible minority group members, women, Indigenous persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to productively engage with diverse communities. We encourage members of equity-seeking groups to self-identify within their letter of intent in their application. Persons with disabilities who anticipate needing accommodations for any part of the
application and hiring process may contact, in confidence, Professor Angela Campbell, Associate Provost (Equity and Academic Policies) at (514) 398-1660 or at Angela.Campbell@mcgill.ca. Associate Provost Campbell can also answer questions related to equity, diversity and inclusion, or privacy concerns the candidate may have related to self-identifying. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.