



## Department of Mathematics and Statistics

### Tenure-track position in the mathematics and statistics of machine learning

**Position:** The Department of Mathematics and Statistics at McGill University invites applications for an Assistant, Associate or Full Professorship in the mathematical and statistical foundations of machine learning. Areas of particular interest include optimization, statistical machine learning, numerical analysis, and computational learning theory. However, excellent applicants from all areas of mathematics and statistics are encouraged to apply.

**Selection Criteria:** Candidates should have a doctoral degree in mathematics, statistics or a related field at the date of appointment and must have demonstrated the capacity for independent research of excellent quality. Selection criteria include research and teaching accomplishments, the potential for contribution to the Department's training programs at the graduate and undergraduate levels and contributions to the scholarly community in general.

The successful candidate that satisfies the eligibility conditions of the Canada Research Chair (CRC) program may be supported by the University for nomination to a Tier 1 or a Tier 2 Chair in Specify research area as above, which provides protected time for research within a full-time academic appointment.

Nominees for Tier 1 Chair positions must be professors or associate professors who are expected to be promoted to the full professor level within one or two years of the nomination. Alternatively, if they come from outside the academic sector, nominees must possess the necessary qualifications to be appointed at these levels.

Nominees for Tier 2 Chair positions must be emerging scholars and hold the rank of assistant or associate professors, or possess the necessary qualifications to be appointed to these levels. A nominee who is more than 10 years from having earned their highest degree and has experienced legitimate career interruptions (e.g., maternity or parental leave, extended sick leave, clinical training, and family care) will be taken into consideration using the [Tier 2 justification process](#).

Eligibility conditions for CRCs are found at [http://www.chairs-chaire.gc.ca/program-programme/nomination-mise\\_en\\_candidature-eng.aspx#s3](http://www.chairs-chaire.gc.ca/program-programme/nomination-mise_en_candidature-eng.aspx#s3)

**Application procedure:** Applications should be made through <http://MathJobs.Org> (Position ID: McGill-ML2018) and must include a curriculum vitae, a list of publications, a research outline, a teaching statement which includes an account of teaching experience, and at least four references (with one addressing the teaching record). Candidates are also encouraged to provide web links for up to three selected reprints or preprints, or to upload them to [MathJobs.Org](http://MathJobs.Org). In exceptional circumstances the references may be emailed to [ML2018.mathstat@mcgill.ca](mailto:ML2018.mathstat@mcgill.ca). To ensure full consideration, complete applications including letters of reference should be received by **December 16, 2018**, but applications will be considered until the position is filled. All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadians and permanent residents will be given priority.

**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 welcome and encourage

applications from racialized persons/visible minorities, women, Indigenous persons, persons with disabilities, ethnic minorities, and persons of minority sexual orientations and gender identities, as well as from all qualified candidates with the skills and knowledge to productively engage with diverse communities.

McGill further recognizes and fairly considers the impact of leaves (e.g., family care or health-related) that may contribute to career interruptions or slowdowns. Candidates are encouraged to signal any leave that affected productivity, may have had an effect on their career path. This information will be considered to ensure the equitable assessment of the candidate's record.

McGill implements an employment equity program and encourages members of designated equity groups to self-identify. It further seeks to ensure the equitable treatment and full inclusion of persons with disabilities by striving for the implementation of universal design principles transversally, across all facets of the University community, and through accommodation policies and procedures. Persons with disabilities who anticipate needing accommodations for any part of the application process may contact, in confidence, Professor Angela Campbell, Associate Provost (Equity and Academic Policies) by email or phone at 514-398-1660.