

Educational Leadership: Computing and Applied Mathematics

The Department of Mathematics at the University of British Columbia in Vancouver seeks outstanding educators for a tenure-track Assistant Professor of Teaching position, subject to funding, with a starting date of 1 July 2022. A PhD or equivalent in mathematics or a related discipline is required and additional experience is normally expected.

The main responsibilities of the position are teaching undergraduate mathematics courses and developing curriculum and innovative teaching methodologies especially for courses involving mathematical software and computation. We are particularly seeking candidates with expertise in: (i) mathematical modelling, scientific computing and/or machine learning; and (ii) developing and implementing open source software solutions for teaching and learning.

Additional responsibilities may include: mentoring graduate students and postdoctoral fellows in effective teaching; helping develop undergraduate programs and initiatives, especially in applied mathematics; assisting with administration related to undergraduate students; and serving on departmental committees. The salary will be commensurate with experience and teaching record.

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person.

UBC's strategic plan identifies inclusion as one of our key priorities. We welcome colleagues with the experiences and competencies that can contribute to our principles of inclusion, equity, and diversity throughout campus life. In your application, please include a brief statement describing your experience working with a diverse student body and your contributions to creating/advancing a culture of diversity, equity and inclusion on campus or within your discipline.

A description of the nature of an Assistant Professor of Teaching appointment and the criteria for achieving tenure are available at <http://www.hr.ubc.ca/faculty-relations/tenure-promotion-reappointment-confirmation/>

Required elements of a complete application include a current CV, a teaching dossier (including evidence of high quality teaching), a diversity statement (see below), and four signed letters of reference (dated, on letterhead) submitted directly by the referees. Review of applications will begin on 15 November 2021.

Applications must be submitted through the AMS MathJobs website, <http://www.mathjobs.org/jobs/UBC/>

The Department is an international leader, with over 60 faculty members in a wide variety

of fields. It has strong connections with the Pacific Institute for the Mathematical Sciences (PIMS), the Banff International Research Station (BIRS), and the UBC Institute of Applied Mathematics (IAM).

For more information, see <http://www.math.ubc.ca><<http://www.math.ubc.ca>>.

All qualified candidates are encouraged to apply; however Canadians and permanent residents of Canada will be given priority.

In assessing applications, UBC recognizes the legitimate impact that leaves (e.g., maternity leave, leave due to illness) can have on a candidate's record of research achievement. These leaves will be taken into careful consideration during the assessment process.

We welcome and encourage applications from all people, including those with mixed abilities. Accommodations are available on request for all candidates taking part in all aspects of the selection process. To confidentially request accommodations, please contact Kylie Prokopetz at kylie.prokopetz@ubc.ca<<mailto:kylie.prokopetz@ubc.ca>>