Advanced Quantitative Methods - Assistant Professor

The University of British Columbia

Location: British Columbia
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The Department of Educational and Counselling Psychology, and Special Education (ECPS) in the Faculty of Education at the University of British Columbia (Vancouver, Point Grey campus) invites applications for a Tenure-Track Assistant Professor appointment in Advanced Quantitative Methods in the Measurement, Evaluation, and Research Methodology (MERM) Program.

The University of British Columbia (UBC) Vancouver campus is located on traditional, unceded Musqueam territory in beautiful Vancouver, a multicultural, multilingual city ranked as one of the world’s best places to live. The University is recognized internationally as a leading research institution and is committed to teaching and research excellence. The UBC Faculty of Education was recently ranked second in Canada and 18th globally among Faculties of Education (2018 QS World University Rankings). We are committed to research excellence and provide a comprehensive set of programmatic offerings at the baccalaureate, magisterial and doctoral levels. For further details about the Faculty and its research, please visit www.educ.ubc.ca.

The Department of ECPS is the largest among all five academic units in the Faculty of Education. There are 43 tenure stream faculty members and five program areas, including Measurement, Evaluation and Research Methodology, Counselling Psychology, Human Development, Learning and Culture, School Psychology, and Special Education. More than 400 graduate students are enrolled in the Department. For over 25 years, the internationally recognized MERM program has been dedicated to advancing the science and practice of measurement, statistics, program evaluation, and research methodology in the social and behavioral sciences. We primarily support masters and doctoral programs and additionally offer upper division undergraduate level as well as masters and doctoral level courses that meet the methodology requirements for students across the Department, Faculty of Education, and other Faculties at UBC.

The successful candidate will have been trained to a high level in applied statistics and quantitative methods, with expertise in educational and behavioral research settings, and a thorough understanding of the theoretical and statistical underpinnings of those methods. It is desirable that the successful candidate’s research focus will be in the development of advanced statistical methods rather than simply the application of such methods in their research. We particularly welcome applicants who have a demonstrated program of research that complements but provides new statistical expertise within the MERM program. Some examples of desirable expertise includes: Bayesian methods, learning analytics/educational data mining, diagnostic classification modeling, ecological methods (e.g., spatio-temporal methods, geo-spatial modeling), causal inference, and general mixed-effects modeling.
We seek candidates who are enthusiastic about teaching, supervising, and mentoring a diverse group of graduate students at the doctoral and master’s levels. Quantitative methods faculty are expected to teach both introductory and advanced courses. In addition to potential new course offerings, the successful applicant must be able to teach advanced courses that are currently part of the MERM curriculum. We seek applicants with excellent pedagogical skills, including the ability to clearly communicate sophisticated methods to heterogeneous audiences with the use of substantive examples. Evidence of excellent teaching or thesis supervision experience would be an asset.

Applicants must hold a doctorate in a relevant field (e.g., educational measurement, statistics, quantitative psychology) by the start date. In hiring, we aim to diversify our expertise. Preference will be given to applicants whose graduate and post-Ph.D. level training in the field is not limited to the MERM program at the University of British Columbia. The anticipated start date is **Aug. 1, 2019.**

This is a tenure-track position in the Professoriate stream. The successful candidate is, in later years, reviewed for reappointment, tenure and promotion in accordance with the UBC Collective Agreement. For a description of the Assistant Professor rank and criteria for reappointment and promotion, visit: [http://www.hr.ubc.ca/faculty-relations/collective-agreements/appointment-faculty/](http://www.hr.ubc.ca/faculty-relations/collective-agreements/appointment-faculty/). Starting salary is determined both by the candidate's qualifications and experience and by the career progress scale within the Faculty of Education.

Applicants must include (i) a letter indicating the position being sought, describing their research program, and listing the undergraduate and graduate courses they can or would like to teach and why, (ii) curriculum vitae, (iii) evidence of teaching excellence and thesis supervision experience (if available), (iv) two to four samples of relevant publications, and (v) arrange for three letters of reference to be sent. Please indicate in your cover letter whether you are legally entitled to work in Canada.

Completed applications should be sent electronically to Dr. Shelley Hymel, Dept. Head at silvia.almanzaalonso@ubc.ca (Dr. Hymel’s assistant). Applications must be provided in the format of one bookmarked PDF file.

This position is subject to final budgetary approval. Although applications will be reviewed until the position is filled, review of applications will commence immediately after the deadline. Applicants are therefore strongly encouraged to submit their application packages by **Fri., Mar. 22, 2019.**

Questions regarding the position should be directed to Dr. Anita Hubley, MERM Program Area Coordinator at anita.hubley@ubc.ca. For information about the MERM program and faculty, please see [http://ecps.educ.ubc.ca/merm/measurement-evaluation-and-research-methodology](http://ecps.educ.ubc.ca/merm/measurement-evaluation-and-research-methodology).

*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. We encourage all qualified persons to apply; Canadian citizens and permanent residents of Canada will, however, be given priority.*