POSTDOCTORAL POSITION IN EDUCATIONAL MEASUREMENT AND HISTORICAL THINKING

Duration: Two years, subject to satisfactory performance review following the first year
Start date: September 1, 2019
Citizenship restrictions: Canadian and permanent residents
Stipend: $50,000 annually, plus supplemental health benefits

The Department of Elementary Education is inviting applications for a two-year postdoctoral position for the participation and administration of various large-scale survey design and analysis research projects designed to (a) identify teacher and student understandings of “historical thinking”, “Indigenous knowledge”, and “civic engagement”, (b) identify the cognitive processes associated with K-12 teachers’ and students’ historical thinking, (c) describe the cognitive dimensions underlying teachers’ and students’ historical thinking, and (d) identify teacher pedagogical and assessment practices in classrooms and schools.

Applicants will have an excellent academic record, a beginning record of conference presentations and/or scholarly publications, and a research program development plan that is aligned with the position. The postdoctoral fellow will work as a junior investigator on a SSHRC-funded national research project, assuming leadership responsibilities, administrating, coordinating, and completing corresponding research sub-projects, managing day-to-day research activities, training and mentoring research assistants and graduate students, and working closely and cooperatively with research staff. The successful applicant can undertake other related research responsibilities within the research mandate of the Department of Elementary Education and/or the Department of Educational Psychology. The successful candidate will participate fully in research and related scholarly activities and work with a team of researchers at the University of Alberta, a top five university in Canada.

The successful candidate will demonstrate knowledge and skill sets in:

1. Measurement theory and application, specifically, item development, test design, sampling, classical test score theory, IRT, and working knowledge of standards in educational and psychological measurement
2. Multivariate statistics, specifically factor analysis, structural equation modeling
3. Large-scale survey analysis using SPSS, R, and MPlus
4. Ability to work independently as well as collaboratively in all aspects of survey design and analysis, and in communication with content and subject-matter experts in the development of scale constructs and item design and revision
5. Ability to conduct systematic literature reviews related to the research topic(s)
6. Strong organizational, English-language writing, and interpersonal skills
7. Fluency in French an asset (but not a requirement)

The successful candidate will be mentored by Dr. Carla Peck (Elementary Education) and Dr. Jacqueline Leighton (Educational Psychology). For more information about the position, please contact Dr. Carla Peck at 780-492-9623 or carla.peck@ualberta.ca.

To Apply: Applicants should submit to carla.peck@ualberta.ca
• Please included “POST DOC APPLICATION” in email subject field
• A single file containing:
  o A letter of interest for the position to be considered with your application
  o Curriculum vitae
  o Proof of completion of PhD or EdD (awarded within 5 years prior to the proposed start date but no later than June 30, 2016)
  o A statement (1-2 pages) of research interests and experience with large-scale survey design and analysis
  o Two examples of recent scholarly writing/publications
• Three letters of reference to be sent directly from referees to carla.peck@ualberta.ca
  o Please ask referees to include “POST DOC REFERENCE” in subject field

Closing date:
Review of applications will begin July 22, 2019 and will continue until the position is filled.

About the University and Edmonton:
The University of Alberta (www.ualberta.ca) is one of the largest and most research productive universities in Canada. With more than 39,000 students from 146 countries, the U of A regularly ranks in the top 4 universities in the country and in the top 100 universities in the world according to QS Worldwide university rankings. Please see our website for additional information.

Greater Edmonton, with over one million residents in the city and surrounding communities, offers a unique quality of life, a beautiful, park-like setting on a spectacular river valley, an international airport, the lowest provincial tax regime in the country, and is located in Canada’s most optimistic and economically vibrant province. Edmonton boasts 78 arts and cultural organizations including the Edmonton Symphony Orchestra, Edmonton Opera, Citadel Theatre and more than 30 arts and cultural festivals taking place each year.

We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.