JOB POSTING – POSTDOCTORAL FELLOW

Area of Research: Primary Care and Biostatistics or Epidemiology

Description of duties:
The University of Toronto’s Department of Family and Community Medicine (DFCM) is recognized internationally for its clinical, educational and research excellence. DFCM is focused in five major areas: education, research, quality and innovation, global health and family doctor leadership. Our faculty are clinical and academic leaders who are breaking new ground on issues ranging from emergency medicine, palliative care, addiction medicine, Indigenous health and more.

Encompassing more than 1,860 faculty across the province - from rural areas to urban centres - we are shaping the future of family medicine in Canada. Through our education program, we provide an innovative, comprehensive and diverse learning experience for our students and residents.

Being part of DFCM’s Research Program means being connected to national and international leaders in family medicine research. DFCM’s Research Program is dedicated to supporting faculty interested in conducting research, building research infrastructure, and developing research excellence.

Although most patients have multiple risks, most guidelines and resources are focused on one specific disease, organ system, or lifestyle risk. Furthermore, cancer survivors and patients living in poverty achieve fewer prevention and screening goals and patients may lack awareness of how lifestyle contributes to cancer and chronic disease. Building on the work of the BETTER trial and the BETTER 2 program, the BETTER WISE (Building on Existing Tools to Improve Cancer and Chronic Disease Prevention and Screening for Wellness of Cancer Survivors and Patients) project will conduct an intervention that includes electronic tools, pathways for cancer survivors, and a tool that screens for poverty.

BETTER WISE is a 5-year project (2016-2021) that brings together diverse stakeholders (policy, practice, research, patients) in Alberta, Ontario, and Newfoundland and Labrador. The primary objective of the BETTER WISE project is to determine if patients aged 40-65, including cancer survivors (breast, colorectal, or prostate) and general health patients (i.e., patients without a previous history of breast, colorectal, or prostate cancer), randomized to receive an individualized visit with a Prevention Practitioner have improved cancer surveillance and general prevention and screening outcomes determined by a composite index as compared to standard care in a wait-list control group twelve months after the initial prevention visit.

Competencies/Skills for the Post-Doctoral Fellow Role:
The post-doctoral fellow will work closely with study investigators and biostatisticians, while also collaboratively engaging with a diverse team of stakeholders which include: medical doctors, clinicians, epidemiologists, economists, and qualitative researchers. In particular, the post-doctoral fellow – Biostatistician - will engage with research program projects and BETTER-WISE researchers on the following study tasks:
• Working with the principal investigators/Authors to frame research questions and study objective statements.
• Identify appropriate methods for the analysis of study data.
• Cleaning/transforming raw study data into research ready formats.
• Fitting descriptive/inferential statistical methods to study data and Interpreting/framing study findings.
• Collaborating on manuscript writing, and generation of knowledge products.
• Limited Participation in teaching and student supervision.
Salary: $60,000-$70,000

**Required qualifications:**
The ideal candidate is a recent graduate with a PhD degree in Statistics, Biostatistics or related areas. The candidate will have advanced training in biostatistics, epidemiology, and computational statistics. Ideally, the candidate will have few years of experience fitting advanced statistical models to data in either SAS/R/Python. A proven track record of research productivity through peer-reviewed publications would be highly beneficial. The successful candidate will be reliable, well organized, pay fine attention to small details, and be an effective oral/written communicator.

The position will expose the post-doctoral fellow to a broad array of applied statistical problems, including: the analysis of clustered/multi-center trial data, advanced health econometric methods, regression modelling for correlated response data, and other commonly encountered applied statistical techniques. The candidate will work on a number of peer-reviewed manuscripts, along with other study investigators, which will be generated from the BETTER-WISE trial and other research projects.

**Application instructions**
All individuals interested in this position must submit a cover letter, CV, and names of three individuals who are willing to provide letters of reference (reference letters are not required at this stage, but will be requested for those selected to be interviewed). The cover letter should describe your research background, research interests, long-term career goals, and their fit with the focus of this call. Your CV should include your education, publications, awards, conference abstracts, and research experience. Send these documents to: Dr. Peter Selby, Vice-Chair Research Program, Department of Family and Community Medicine, Research Program, family.healthcare@utoronto.ca by the closing date.

**Closing date:** May 19, 2021

**Supervisor:** Professor Rahim Moineddin

**Expected start date:** June 1, 2021 (this date is flexible based on the selected candidates’ availability)

**Term:** Initial appointment is for one year, with possible renewal for another year, upon mutual agreement and funding availability.

**FTE:** 100% The normal hours of work are 40 hours per week for a full-time postdoctoral fellow (pro-rated for those holding a partial appointment) recognizing that the needs of the employee’s research and training and the needs of the supervisor’s research program may require flexibility in the performance of the employee’s duties and hours of work.

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*Employment as a Postdoctoral Fellow at the University of Toronto is covered by the terms of the CUPE 3902 Unit 5 Collective Agreement.*

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*The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.*