JOB POSTING – Research Analyst

Area of Research:

Traumatic brain injury (TBI) is a global public health concern that affects more than 50 million people worldwide. This study will build a population-based birth cohort of individuals born in Ontario, Canada, from 1992 to 2020, to (a) provide comprehensive, sex-specific estimates of the incidence of TBI, (b) determine the frequency and types of secondary health conditions post-TBI, and (c) identify the patterns of healthcare use prior to, at the time of, and post-TBI, particularly during the transition period from childhood to adulthood.

Job Summary:

We are seeking a Research Analyst with background in biostatistics or epidemiology to collaborate with all members of the research team to:

- Manage the birth cohort (e.g., create variables and data dictionary, identify and address data quality issues)
- Contribute to study design and analysis plans
- Conduct statistical analyses and validate and interpret results
- Contribute to knowledge transfer and exchange activities (e.g., manuscript preparation, presentations)

Research Team:

Dr. Vincy Chan is an Assistant Scientist at KITE-Toronto Rehabilitation Institute, University Health Network and Assistant Professor (Status) at the Institute of Health Policy, Management and Evaluation, University of Toronto. She received her PhD in Rehabilitation Science and MPH in Epidemiology from the University of Toronto. Dr. Chan's population health research focuses on the health service use and outcomes of individuals with TBI across the lifespan and continuum of healthcare.

Dr. Michael Escobar is a Professor of Biostatistics at the Dalla Lana School of Public Health, University of Toronto. He has a PhD in Statistics from Yale University and is internationally recognized for his work in development new statistical methodology and on applications in statistics as a collaborator in public health and biomedical research.

Dr. Robert Balogh is an Associate Professor at the Faculty of Health Sciences, Ontario Tech University. He has a physiotherapy degree from McMaster University, MSc in Epidemiology from Queen's University, and PhD in Rehabilitation Sciences from the University of Toronto. His research focuses on studying disparities in health and health service use between people with intellectual disability and the general population and on using administrative databases to measure primary care outcomes in persons with intellectual disability.

Qualifications:

- MSc/MPH in biostatistics or epidemiology (or related degree, in progress/completed) with experience in applied statistical collaboration in healthcare research and a thorough understanding of statistical principles and methods (e.g., proficiency in logistic regression, Poisson regression, other GLM models or longitudinal data analyses)
- Strong methodological and analytic skills to analyze data, interpret findings, and identify data quality issues
- Data management skills and ability to attend to detail and generate accurate, high quality reports for research and quality improvement purposes in a timely manner
- Competent written communication skills to prepare knowledge transfer materials
- Ability to multi-task, prioritize, and meet deliverables in a timely manner
- Excellent organizational, time management, and problem solving skills
- Experience with SAS and/or R

- Experience analyzing population-based health administrative databases in the province of Ontario, held at ICES, is preferred

Application instructions:
All individuals interested in this position must submit the following to Dr. Vincy Chan at vincy.chan@uhn.ca:
- CV
- Academic transcript
- Names and contact of three references

Posting date: June 2, 2021
Closing date: The position will remain open until filled.