

Part-Time Senior Research Associate Opportunity

Combining Respondent-Driven Sampling and Partnerships to Empower Urban Indigenous Communities

A part-time **Senior Research Associate** position (approximately 8 to 10 hours per week) is available for an independent and highly motivated person with substantial experience in respondent-driven sampling (RDS) and Indigenous community-based health research.

About the Project:

The *Our Health Counts* projects have been performed in partnership with urban Indigenous service partners in Ontario, Manitoba and New Brunswick for over 15 years. Together, these studies have created the largest sources of representative health and wellness information available for First Nations, Inuit and Metis peoples living in Canadian cities. To ensure high quality data, a novel statistical method, RDS, was used to recruit local Indigenous community members, which leads to unique statistical complications that need to be addressed. This project will focus on priority methodological areas including meta-analysis, small sample performance and techniques to determine the size of the local population in RDS studies.

Position and Responsibilities:

The successful candidate will work under the direction and mentorship of Dr. Michael Rotondi, Professor of Biostatistics and CIHR-PHAC Applied Public Health Chair at York University. This position requires extensive knowledge and previous experience in addressing methodological challenges and performing statistical simulation for RDS data and experience working with Indigenous community partners. The successful candidate may also support data analysis linkages of the *Our Health Counts* studies, including projects using Institute of Clinical Evaluative sciences (ICES) and Statistics Canada data holdings. They are also expected to take a leadership role in manuscript and grant writing, as well as other knowledge translation activities. While independent work is required, the successful candidate must also possess strong communication and collaboration skills to work effectively with the Indigenous community partners.

The position will be offered for a **one-year term**, with possibility of extension for a second and third year, pending satisfactory performance (that is, up to three years total). Scheduling will be flexible, allowing potential combination with other academic and career opportunities.

Key Qualifications:

- PhD in epidemiology, biostatistics, public health, health informatics, data sciences or other quantitative health or social science discipline
- 4+ years postgraduate research experience, including experience in the analysis, simulation, and advanced modelling of RDS data and in Indigenous community-partnered research
- Expert knowledge and experience with statistical techniques and statistical software such as R and/or SAS
- Experience with data linkages and database management

- Previous experience in academic writing and community knowledge translation activities, including grant submission, publications, community presentations and reports
- Ability to work independently and as part of a team
- Effective time and self-management
- High attention to detail

Compensation:

The hourly rate for this part-time position will depend on the successful candidate's skills and qualifications. The anticipated hiring range is between \$50 to \$60/hour + 4 % vacation pay.

Preferred Start Date:

June 1, 2026 (may be modified, as needed)

Location:

The position is based at York University, and a workspace will be provided. While some in person meetings may be required, this work can typically be completed on a flexible schedule and remotely from any location in the province of Ontario.

How to Apply:

To apply, please submit a 1) cover letter highlighting your interest in the position; 2) a curriculum vitae, 3) a writing sample; and 4) contact information of two referees. Please combine all documents in a **single pdf and submit it electronically to:**

Michael Rotondi, PhD
Professor of Biostatistics
CIHR-PHAC Applied Public Health Research Chair
School of Kinesiology and Health Science
York University
E-mail: mrotondi@yorku.ca

Qualified applicants will be invited for an interview via Zoom.

Thank you for your interest in the position, but only those applicants selected for an interview will be contacted.

Deadline:

Friday, April 3, 2026