

# Research Analyst (full-time, two-year contract)

The Institute for Work & Health (IWH) is an independent, not-for-profit research organization. Our mission is to promote, protect and improve the safety and health of working people by conducting actionable research that is valued by employers, workers and policy-makers.

IWH is currently seeking a qualified person to fill the position of Research Analyst.

## About the position

The successful candidate will work with a multidisciplinary team of scientists, collaborators and knowledge transfer and exchange associates. This is a full-time, 24-month contract position. This position requires the successful candidate to work in-person in Toronto (i.e. not remotely).

## Core duties and responsibilities

- Collaborate in, and provide analytic support to, various research projects.
- Independently conduct data management and statistical analyses of complex survey and administrative data sets.
- Clean and document data sets and variables to be used for analysis, including examination of variable distributions and whether expected relationships between variables are observed in the data.
- Under the guidance of the lead scientist, independently conduct various statistical analyses (including longitudinal analyses), choosing and justifying the most appropriate analytical approach given the research question and interpreting the research findings.
- Identify and discuss analytic issues and proposed solutions with the lead scientist.
- Document the research and statistical analytic methods used in a project and incorporate them in the preparation of preliminary drafts of research reports and papers.
- Design and create tables, charts and graphs for research reports and presentation materials.

## Education and experience

- Master's degree or PhD in biostatistics, epidemiology, psychology, statistics, economics or other quantitative health or social/behavioural science disciplines
- Demonstrated proficiency in data management with longitudinal administrative data; experience working with Statistics Canada surveys an asset
- Three or more years of experience with complex statistical analyses, including latent class analyses, longitudinal analyses, growth mixture modeling, bootstrapping, and appropriate use of survey weights

- Advanced expertise in statistical analyses in R and SAS software; experience with MPlus an asset
- Strong written communication skills, particularly related to describing complex statistical and study methodology
- Evidence of lead authorship on reports or peer-reviewed publications an asset
- Prior experience conducting research in the mental health and/or occupational health fields an asset

## **Salary range**

Salary will depend on qualifications and experience and will be in the range of \$72,000 to \$85,000 per year. Suitability for the position will be assessed at six months.

## **Application details**

Applications will be accepted until **March 31, 2023**, or until the position is filled.

If you are interested in this position, please submit an application containing a cover letter and résumé to:

D. Wills

Director, Human Resources & Corporate Services

400 University Avenue, Suite 1800

Toronto, Ontario M5G 1S5

Email: [dwills@iwh.on.ca](mailto:dwills@iwh.on.ca) (<mailto:dwills@iwh.on.ca>).

Coding examples and/or writing samples are welcomed in the application.

IWH is committed to creating an inclusive workplace that values and promotes diversity. IWH encourages applications from racialized persons/persons of colour, Indigenous people, women, LGBTQ2S+ persons, persons with disabilities, and others who may contribute to the further diversification of ideas.

Job applicants requiring accommodation to participate in the hiring process should contact D. Wills, Director, Human Resources & Corporate Services, via e-mail at [dwills@iwh.on.ca](mailto:dwills@iwh.on.ca) (<mailto:dwills@iwh.on.ca>) or by phone at 416-927-2027 ext. 2115 to communicate their accommodation needs.

We thank all applicants, but only those considered for the position will be contacted.

## **About IWH**

IWH, guided by a Board of Directors and an international Scientific Advisory Committee, conducts research that examines primary prevention and interventions in the workplace; effective and efficient rehabilitation and safe, timely return to work for people with work-related injury and illness; labour market experiences and their health consequences; and disability compensation systems and their

behavioural consequences. IWH supports an active knowledge transfer and exchange program, which implements interactive strategies to transfer research findings to key decision-makers. IWH also trains and mentors the next generation of work and health researchers.

IWH is committed to excellent working conditions, a cooperative team environment for its employees, and transparent, diverse and fair recruiting practices of staff and trainees.

IWH operates with the support of the Government of Ontario.

**Application deadline:**

Friday, March 31, 2023

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## Institute for Work & Health

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## Contact Us

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