

EMPLOYMENT OPPORTUNITY

Women's College Hospital is the first and only independent, academic, ambulatory care hospital in Ontario with a primary focus on the health of women. If you're ready to be part of the future of healthcare, then you will want to join an institution in which the possibilities for creative innovation, breakthroughs in new thinking and groundbreaking work in academic ambulatory medicine are limitless. Women's College Hospital is committed to patient safety as a key professional value and an essential component of daily practice.

The Women's College Hospital Institute for Health System Solutions and Virtual Care (WIHV) aims to improve health by working to develop, implement and evaluate innovations in clinical care and policy. Our philosophy is to engage and collaborate with all players in health care to deliver tangible solutions that improve the health system as a whole. Our goal is to inspire innovation and enable Ontario's most promising leaders to transform their ideas into practical, scalable solutions. Several large-scale evaluation studies are ongoing to further knowledge in this area.

An exciting **regular full-time** opportunity as a **Biostatistician (Competition #139.19)** exists in the Women's College Hospital for Health System Solutions and Virtual Care, reporting to the Principal Investigators on various projects.

Summary of Duties, but not limited to:

- Participate in health systems research analysis for WIHV research projects in the areas of virtual care evaluation, system trials, and health policy.
- Assist Principal Investigators and their team members with the development of research protocols and strategies
- Help design and evaluate new projects and assess the feasibility of proposed work from a statistical perspective.
- Create data collection plans and coordinate necessary data flow both internally and externally with collaborators where necessary
- Develop and maintain databases and registries
- Conduct and interpret statistical analyses for observational studies, quasi-experimental studies and randomized controlled trials
- Provide support materials such as randomization lists and reliability assessments.
- Act as a resource for database creation
- As relevant, conduct health economics analysis for WIHV research and implementation projects
- Assist with ethics applications and renewal submissions
- Interpret results and have direct input into any manuscripts and other deliverables which may include writing grant proposals, graphics, or papers.

As a role model and champion, you will work to identify and integrate safe, best practices into daily activities to foster the delivery of safe and exemplary care

The responsibilities described above are representative and are not to be construed as all-inclusive.

Qualifications/Skills:

- Master's degree in Biostatistics, Epidemiology or a relevant field (e.g., Clinical Epidemiology, Health Economics, or other health-related discipline)
- 3 to 5 years progressively responsible experience working in clinical epidemiology, health economics, or other health-related discipline in a quantitative research environment

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- Proficiency and experience with administrative data sets and with biostatistical analysis using statistical software
- Knowledge and understanding of advanced statistical and epidemiological concepts, such as multi-level modelling and cluster-randomized trial design and power calculations
- Experience with conducting health economics analyses considered an asset
- Outstanding written and verbal communication skills
- Proficiency in at least one of the following statistical packages: SAS, R or STATA
- Ability to work well fully independently as well as in collaboration with others where necessary
- Strong multi-tasking, time and project management skills
- Excellent organizational and administrative skills with attention to detail
- Good work and attendance record required
- Professional behavior and communication that meets the standards of the professional regulatory college or association, as applicable, and the standards of Women's College Hospital
- This position plays a critical role in acting as an advocate for safety and will demonstrate principles, practices and processes that will optimize a safe environment for all

POSTING DATE: May 29, 2019

Please forward resumes via email to HR@wchospital.ca with your name and the competition number in the subject line. (Example: Jane Smith, 1.16)

We thank you for your interest, however, only qualified applicants who are selected to be interviewed will be contacted.

Women's College Hospital is a fully affiliated teaching hospital of the University of Toronto and is committed to fairness and equity in employment and our recruitment and selection practices. We encourage applications from Indigenous peoples, people with disabilities, members of sexual minority groups, members of racialized groups, women and any others who may contribute to the further diversification of our Hospital community. Accommodation will be provided in all parts of the hiring process as required under our Access for People with Disabilities policy. Applicants need to make their requirements known in advance.