

Research Associate-Trauma and Neurosurgery Research

Job Title: Research Associate - Trauma and Neurosurgery Research

Department: Trauma Research

Employment Status: Temporary Full Time

Number of Positions: 1

Salary Range: \$33.85 - \$42.32 per hour

Job Category: Research

Term (In Months): 12 months

Union Affiliation: Non-Union

The Canadian Traumatic Brain Injury and Violence Research Team (CTBIVRT), housed in the Injury Prevention Research Office, Keenan Research Centre, St. Michael's Hospital was recently funded by CIHR to explore the common modifiable risk factors of TBI and violence with the ultimate goal to prevent TBI and violence. We have studies exploring the interrelation of TBI and violence in vulnerable groups like the homeless, perpetrators of violence, victims of unintentional injury, and in children. A number of studies explore the antecedents of TBI and violence within the culture of ice hockey and others explore the issues using analyses of large databases at a societal level. Knowledge translation studies are interwoven through all studies and there is also a section of the team devoted specifically to studies that explore the translation of studies in this area to effective action aimed at lessening TBI and violence. A number of community organizations are also involved and this allows for the opportunity to do community-based research and integrate knowledge mobilization activities.

The Division of Neurosurgery is looking for a Research Associate to support the research activities of the Canadian Brain Injury and Violence Research Team (CBIVRT) and additional studies within the Division. Along with the Principal Investigator, the Research Associate will generate new research protocols, assist with overseeing the progress of ongoing studies, supervising and managing staff and students, and preparing study protocols, grant applications, and manuscripts. The ideal candidate for this position is highly motivated, organized, team-minded, and results-oriented. The Research Associate will report directly to the Principal Investigator, team leads and collaborators.

DUTIES & RESPONSIBILITIES:

- Development and initiation of new research studies, including development of research proposals and protocols
- Writing and submission of research grant applications
- Interpretation and implementation of existing study protocols
- Ensure adequate quality control by setting standards, monitoring quality control results and instituting appropriate steps to maintain standards
- Statistical analysis planning, execution and interpretation of study results
- Oversee the ongoing collection, tabulation and analysis of study related data and ongoing review and development of study databases
- Lead authorship and/or co-authorship of journal articles; responsible for academic output of research studies
- Training and supervision of Research Assistants, Coordinators and students
- Prepare research ethics board and all other required submissions relative to the initiation and conduct of individual studies
- Develop and negotiate research study agreements and strategic alliances with outside parties
- Represent St. Michael's Hospital at scientific meetings, advisory boards, and protocol development meetings; participate on hospital or administrative committees
- Coordination of revenue generation (i.e. grant submissions) and accountable for funds utilization

QUALIFICATIONS:

- PhD in psychology, sociology, urban studies, evaluation, nursing, health and/or medical sciences, statistics, biostatistics, epidemiology, policy, economics, mathematics, computer science, spatial analysis, health services, demography, engineering, physics, or other related fields
- Post-Doctoral Fellowship preferred
- Experience with Geographic Information Systems, ArcGIS, and related software is a plus
- Evidence of publication and grant capture
- Able to work independently and as part of a team
- Demonstrated ability to initiate a program of research excellence.
- Demonstrated supervisory experience and the ability to design, execute and manage multiple studies is required.
- Good organization and planning skills, excellent project management skills, attention to detail, and effective problem-solving and communication skills are required.

Application requirements

Applications for the Injury Prevention Research Office Research Associate position are considered on a continual basis and must include:

1. A cover letter that includes:

- Your full contact information (address, phone number, and e-mail).
- The name, affiliation, and full contact information of three references.
- The IPRO's areas of work in which you are most interested.
- How you learned about the program.

2. Your curriculum vitae.

3. A personal statement describing your interest in the IPRO and CBIVRT, as well as your professional and academic interests and objectives. Personal statements should be 750 - 1,000 words.

4. Three sealed letters of recommendation, one of which should be from the thesis supervisor or for PDFs, mentor of current research.

5. The educational transcript from your highest degree attained. If your transcripts are not in English, please also provide a listing of all coursework with grade and credit hour information.

6. An English reprint of your most significant publication or research paper.

7. Proof of proficiency in English for candidates whose native language is not English.

- Candidates who have completed a degree wholly in English can provide a copy of their degree.
- All other candidates should send a copy of their scores on an approved English language test, specifically:
 - The Princeton Test of English as a Foreign Language (TOEFL): For the paper based test, minimum overall score of 600, including a minimum score of 5.0 in the test of written English; for the computer based test, minimum overall score of 250, including a minimum score of 5.0 in the test of written English; for the Internet based test, a minimum overall score of 100, including a minimum score of 24 in the test of written English.
 - The British Council International English Language Testing System (IELTS): A minimum score of 7.0 overall, including a minimum score of 7.0 in the written component.

How to submit your application

Applications can be mailed to:

Dr. Michael D. Cusimano
c/o Injury Prevention Research Office
St. Michael's Hospital
30 Bond Street
Toronto, ON
M5B 1W8

CVs/resumes and personal statements may be e-mailed to injuryprevention@smh.ca.
Please also cc Topolovec-VranicJ@smh.ca until October 15, 2011.

More information about the CBIVRT and a list of the team's co-investigators can be found at http://www.stmichaelshospital.com/research/tbi_violence_study.php