Position: Postdoctoral Fellowship in Pharmacoepidemiology (2 positions)

Location: Pharmacoepidemiology Group of the Therapeutics Initiative, Department of Anesthesiology, Pharmacology & Therapeutics, University of British Columbia

The fellows will work from the Pharmacoepidemiology Group (PEG) offices in Victoria, BC or from Point Grey UBC Campus in Vancouver, BC.

Description:

The Pharmacoepidemiology Group of the Therapeutics Initiative at University of British Columbia seeks 2 full-time (1.0 FTE) postdoctoral fellows for an initial appointment of 1 year with the possibility of renewal. The postdoctoral fellows will conduct research using large population-based databases to assess the safety and effectiveness of medications in a real-world setting, and support other provincially and nationally funded research projects, including the Canadian Network for Observational Drug Effect Studies (CNODES), a collaborating centre of the Drug Safety and Effectiveness Network (https://www.cnodes.ca).

The postdoctoral fellows will report to Dr. Colin Dormuth, Associate Professor, Dept of Anesthesiology, Pharmacology & Therapeutics. They will also work closely with other faculty members, project managers, and staff. These are funded postdoctoral positions although we welcome applications from fellows who have secured funding prior to applying.

The Pharmacoepidemiology Group (PEG) at the Department of Pharmacology & Therapeutics at UBC is a research group that uses epidemiological methods to analyze linked administrative data to answer important questions unaddressed in clinical trials. The Group also collaborates on research projects with academic researchers nationally and internationally. For more information about the PEG, please visit: https://www.ti.ubc.ca/about-us/working-groups/pharmacoepidemiology-working-group/

The primary activities of the Postdoctoral Research Fellows include:

- Conducting substantive, methodologically rigorous pharmacoepidemiologic research analyses using large healthcare administrative databases;
- Writing and executing SAS code to support projects and Ministry of Health deliverables;
- Participating in study design, quality assurance testing, documenting coding methods, and interpreting results;
- Contributing to literature reviews and syntheses;
- Writing research abstracts, summary reports, and scientific articles, and submitting articles to peer-reviewed journals;
- Presenting study results to the scientific community at national and international conferences;
- Identifying and pursuing secondary research projects and research funding; and
- Collaborating with the other research teams.
Qualifications:
The qualified candidate(s) will have a doctorate degree in a relevant discipline (i.e., Epidemiology, Statistics, Biostatistics, Public Health or a related field as long as the candidate has a strong foundation in statistics). Minimum of two years related experience. Experience in pharmacoepidemiology is an asset. We are looking for highly motivated individuals with a desire to develop an independent research agenda, and with the following skills:
• Demonstrated skills in data management and programming using statistical packages (SAS and SQL and occasionally STATA and R);
• Demonstrated knowledge of research processes, systematic reviews, and syntheses;
• Education/training and experience in quantitative research methods, and multivariate statistical analysis;
• Excellent communication skills, including strong writing, research, and interpersonal skills;
• High-level conceptual, analytical, and critical appraisal skills; and
• Demonstrated initiative and willingness to work closely with members of a research team.

This position(s) will be responsible for access, collection, use and disclosure of personal information in accordance with the BC Freedom of Information and Protection of Privacy Act (RSBC 1996) and other UBC privacy and security policies. The position(s) requires employees to work under strict confidentiality requirements; internal procedures and policies to protect personal information must be followed and adherence to these requirements will be regularly reviewed by the employer.

Duration and Salary:
The start date will be negotiated with the successful candidates and will be for an initial appointment of 1 year. Salary will be commensurate with qualifications and experience.

Contact:
Interested individuals should send their curriculum vitae with all relevant employment and academic experience; 1-2 writing samples (publications) or thesis chapter; and a cover letter, noting research experience and interest in the position by email to Ellen Reynolds – ellen.reynolds@ubc.ca

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the BC Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person.

All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority.