Job title: Statistician

Departments: Centre for Health Evaluation and Outcome Sciences (CHÉOS) & CIHR Canadian HIV Trials Network (CTN) at the Providence Health Care Research Institute (PHCRI)

Location: St. Paul’s Hospital, Vancouver, BC

Salary: Salary commensurate with experience

Desired Start Date: As soon as possible

Full/Part-time: Full-time

Application Closing Date: Applicants will be considered on a rolling basis until the position is filled

How to Apply: Interested candidates should email their resume with cover letter to hr@cheos.ubc.ca. Only applications following this process will be reviewed.

Job Summary

This position will provide expertise in analyzing data related to the Centre’s research. Major responsibilities include: developing statistical analysis strategies; performing data analysis and evaluation; interpreting and summarizing analyses and results for research reports and publications; assisting with methodological design for studies and providing statistical advice to faculty, staff, and students.

The Statistician works closely with CHÉOS/CTN staff including physicians, epidemiologists, research nurses, research coordinators and assistants, data managers, biostatisticians, graduate students and fellows.

Located at St. Paul’s Hospital, CHÉOS is an interdisciplinary collective founded to pursue excellence in health outcomes research. In addition to conducting its own research, the Centre’s other primary function is to offer methodological expertise to other researchers, including assistance with study design, statistics, health economics, data management, and grant facilitation for both health outcomes research and clinical trials. The Centre consists of 55-60 faculty members and 130-150 staff and research personnel.

The CTN is an innovative partnership of clinical investigators, physicians, nurses, people living with HIV/AIDS, pharmaceutical manufacturers and others that facilitate HIV clinical trials of the highest scientific and ethical standards. Established in 1990 as a cornerstone of the federal AIDS Strategy, the CTN is funded by the Canadian Institutes of Health Research (CIHR), and jointly sponsored by the University of British Columbia (UBC) and St. Paul’s Hospital (Providence Health Care) in Vancouver.
Work Performed

- Performs in-depth statistical analysis of health outcomes using administrative databases and/or clinical and other trial datasets.
- Models complex health outcomes data using advanced statistical methods.
- Manages research databases using SAS or R, and other programs as appropriate.
- Collaborates with other researchers and statisticians in the identification and completion of assigned research projects.
- Provides consultation to staff, faculty, and students on a variety of statistical topics including study design, analysis, and use of statistical software.
- Prepares conference presentations, academic manuscripts, and technical reports, as required.
- Performs interpretation and summarizes analysis and results.
- Provides formal and informal instruction to researchers on statistical models and techniques.
- Other related duties, as required.

Supervision Received

Reports to the Program Head of Health Economics and works closely with the senior Statisticians.

Supervision Given

This position does not include supervision of other staff.

Consequence of Error/Judgement

The position requires exceptional statistical judgment to identify and recommend sound analytic techniques for research projects. Takes part in final decisions regarding appropriate analyses in consultation with Principal Investigators. The incumbent will exercise independent judgment regarding scheduling and timely completion of tasks. Error would result in publication of inadequately analyzed data as well as the loss of productivity for the investigators and the potential loss of renewal of grant funding.

Working Conditions

The applicant will be working in CHÉOS/CTN located at St. Paul’s Hospital. The incumbent will be provided with appropriate work space.

Qualifications

- Master’s degree in biostatistics or statistics with a minimum of 2 years of related experience in a health care research environment in statistical analysis, advanced mathematical modeling, or statistical computing.
- Expertise in statistical packages of SAS and Splus/R required; experience with WinBUGS and STATA preferred.
- Familiarity with Oracle programming an asset.
- Proficiency in statistical techniques – longitudinal, hierarchical, time-to-event analysis, among others.
- Knowledge of epidemiological and health services research methods – methods for inference in experimental and non-experimental settings; methods for analysing health administrative databases.
• Excellent analytical, problem-solving, communication (oral and written), and organizational skills.
• Ability to prioritize work and meet deadlines.
• Capacity to maintain accuracy and keen attention to detail.
• Capability to work independently and collaboratively to meet team and organizational goals.

CHÉOS and the CTN hire on the basis of merit and are committed to employment equity. All qualified persons are encouraged to apply. CHÉOS/CTN are strongly committed to diversity and welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, persons of any sexual orientation or gender identity, and others who may contribute to the further diversification of ideas. Canadians and permanent residents of Canada will be given priority.

Only candidates shortlisted will be contacted.