



CHÉOS

Centre for Health Evaluation
& Outcome Sciences

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Job title:	Statistician
Department:	Centre for Health Evaluation and Outcome Sciences (CHÉOS) at the Providence Research
Location:	St. Paul's Hospital, Vancouver, BC
Salary:	Salary will be in accord with experience; plus a competitive benefits package including four weeks of paid vacation to start, extended health and dental plans, and membership in the Municipal Pension Plan
Desired Start Date:	As soon as possible
Full/Part-time:	Full-time (37.5 hours/week)
Position status:	This is a permanent, regular-status Providence Health Care position (union-excluded); however, the duration of all research positions will be dependent on grant funding
Term:	The initial term of this role has funding for at least 1 year in duration and is renewable, should grant funding continue to be available
Application Closing Date:	Open until filled
How to Apply:	Interested candidates should email their resume and cover letter to hr@cheos.ubc.ca

Equity and diversity are essential to research and 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 under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or a person who identifies as First Nation, Metis, Inuit, or Indigenous. CHÉOS welcomes a broad range of applicants and accommodations are available for candidates taking part in all aspects of the selection process.

Who We Are

Bridging the gap between data, research, and care, [CHÉOS](#) is a collaboration between cross-disciplinary scientists and expert research staff evaluating the effectiveness of health interventions at the population level.

From assessing the cost-effectiveness of a new drug or treatment option to informing policy decisions that change how care is delivered, CHÉOS and the CTN seek to improve health outcomes for all.

Our Commitments to You

At CHÉOS, we are committed to providing an inclusive, dynamic, and cooperative work environment in which all members are encouraged to pursue personal and professional growth. We offer a competitive salary, and excellent benefits, including:

- A minimum of 4 weeks of paid vacation annually (prorated for part-time staff)
- Paid time off between the December and January statutory holidays
- Other paid leaves to support health, wellness, and work-life balance
- Extended health and dental plans
- Membership in the Municipal Pension Plan with employer-matched contributions

The Role

Under the supervision of Dr. Bohdan Nosyk, the Statistician will assist in the statistical analysis of population health data. Specific tasks include leading and contributing to statistical analysis of health administrative data, literature reviews, preparation of manuscripts, presenting research findings at conferences, and other research-related activities. Dr. Nosyk leads a multidisciplinary team of statisticians, health economists and public health researchers engaged in an international portfolio of leading-edge health economic and health services research projects focusing on HIV/AIDS and substance use disorders. This team offers outstanding research opportunities with access to world-class linked administrative databases, a breadth of methodological skills, and a focus on improving health outcomes for marginalized populations. This position additionally offers potential for publication and other professional development opportunities.

The successful applicant will have the opportunity to be involved in a wide range of high-impact studies evaluating local and international programs and policies in [opioid use disorder treatment](#) and [risk mitigation](#), in addition to [HIV/AIDS treatment and prevention strategies](#) which promote health equity and support the 'Ending the HIV Epidemic in America' initiative.

Work Performed

- Provides analytical support for research by conducting quantitative data analysis using descriptive and statistical methodologies.
- Performs data retrieval for studies by writing computer programs and macros to capture and edit data.
- Provides support for the development and maintenance of large databases.
- Evaluates and recommends statistical methods for data analysis.
- Performs quantitative analyses using advanced statistical methodologies and statistical software.
- Identifies and provides advice about data limitations and ensures adequate data quality for analytic purposes; serves as a resource on experimental design, statistical methodology and theory and recommends statistical methods for data analysis.
- Collaborates on writing scientific papers and abstracts by providing statistical results, writing methods and results and preparing tables and figures.

- Collaborates on writing grant proposals, providing a priori power and sample size calculations.

Skills and Qualifications

- Master's degree in biostatistics or statistics
- Experience in the application of epidemiological methods
- Expertise in statistical packages – SAS, S-plus/R
- Expertise in statistical techniques – longitudinal, hierarchical, time-to-event analysis, among others
- Knowledge of health services research methods – methods for inference in experimental and non-experimental settings; methods for analyzing health administrative databases
- Excellent problem solving and communication skills
- Knowledge of Oracle programming is an asset
- High proficiency in Microsoft Office, including Word, Excel, and PowerPoint
- Strong presentation skills (written communication and presentation of data)
- Theoretical knowledge in Epidemiology, Public Health, or related field
- Knowledge of research design and methodology
- Database management and graphics capabilities
- Collaborative and passionate about advancing health research

Covid-19 Vaccine Mandate

This position is located within a healthcare facility. Therefore, this position requires successful verification of full vaccination against Covid-19 provided prior to the start date, as required by the provincial health mandate.