

<b>Job title:</b>	Senior Statistician (CHÉOS/CTN)
<b>Posting Number:</b>	#2202
<b>Department:</b>	Centre for Health Evaluation and Outcome Sciences (CHÉOS) & CIHR Canadian HIV Trials Network (CTN) at the Providence Research (PR)
<b>Location:</b>	St. Paul's Hospital, Vancouver, BC
<b>Salary:</b>	Salary will be in accord with experience; plus competitive benefits package including four weeks of paid vacation to start, extended health and dental plans, and membership in the Municipal Pension Plan
<b>Desired Start Date:</b>	As soon as possible
<b>Full/Part-time:</b>	Full-time (37.5 hours/week)
<b>Position status:</b>	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
<b>Application Closing Date:</b>	Open until filled
<b>How to Apply:</b>	Interested candidates should email their resume and cover letter to <a href="mailto:hr@cheos.ubc.ca">hr@cheos.ubc.ca</a> stating they are applying for the CHÉOS/CTN Senior Statistician role posting number 2202

*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.*

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## 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.

The [CTN](#) is a collaborative network committed to generating knowledge on the prevention, treatment, and management of HIV, hepatitis C, and other sexually transmitted and blood-borne infections (STBBIs) through the conduct of scientifically sound clinical trials, research, and other interventions.

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**

The Senior Statistician will be a highly experienced and motivated individual, working independently and collaboratively to provide expertise in the design and analysis of health research studies. Major responsibilities include: collaborating on methodological design for studies; providing statistical consultation services to faculty, staff, and students; developing statistical analysis strategies; performing complex and integrated data analysis and evaluation; and interpreting and summarizing analyses and results for research reports and publications in peer-reviewed journals. Some of the work performed includes:

- Providing methodological expertise across a broad range of subject areas in the planning stage of research projects, including the development of the study design and writing of the research proposal, the scope of work, and the statistical analysis plan.
- Performing independent and collaborative in-depth and complex statistical analysis and modelling of health data from administrative and clinical data sources using advanced statistical methods.
- Providing technical expertise on study design, data standards, statistical analyses, and appropriate presentation for reports and other publications.
- Interpreting analytic results and explaining findings to researchers. Collaborating with researchers in the preparation of conference presentations, academic manuscripts, and technical reports, as required.
- Conducting literature searches to identify and implement the most appropriate and up-to-date statistical methodology as needed.
- Designing and developing statistical programs/scripts to perform advanced or non-standard analysis.
- Performing linkage of data from various resources, including observational studies, large and complex administrative databases, and clinical trials, for integrative analysis.
- Evaluating the quality of research databases. Exercising leadership and professional judgment to ensure data integrity.
- Providing formal and informal instruction to researchers and graduate students on statistical models and techniques.
- Independently advising staff, faculty, external private clients, and students on solutions to statistical problems including study design, data quality, analysis, statistical software, interpretation of analytic outputs, and study limitations.

## **Skills and Qualifications**

The incumbent must have the qualifications necessary to advise, design, implement, and manage statistical analysis for multiple concurrent studies. The incumbent will excel in a fast-paced environment, balancing project management and priority setting to meet deadlines, while also being an effective communicator who combines strong technical skills and attention to detail with an appreciation for the value of quality oversight in managing data for use in research.

- Master's degree in Statistics or Biostatistics, or the relevant equivalent combination of education, training, and experience.
- A minimum of five years of recent related experience in biostatistics.
- Advanced knowledge of descriptive statistics, statistical inference, and modelling.
- Proven, advanced expertise with SAS® and R statistical software (STATA a plus).
- Strong analytical and exceptional problem-solving skills including the ability to comprehend complex issues and related data/information.
- In-depth knowledge of clinical research methodology.
- Experience in health services research and working with health data is advantageous.
- Experience with cleaning and analyzing data from relational, EAV databases (e.g., Oracle and REDCap) and large administrative databases.
- Ability to work well in a self-directed manner, handling multiple concurrent tasks, both independently and within a team environment.
- Strong written and oral communication skills.
- Superior attention to detail and commitment to ensuring accuracy.
- Demonstrated interpersonal skills to support working with a broad range of clients.

## **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.