Job Posting:173268 - Position: W26 Data Analyst (Graduate level) 173268

Co-op Work Term Posted:	2026 - Winter
App Deadline	09/22/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	09/15/2025 04:05 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	UBC Faculty of Medicine
Address Line 1	828 West 10th Avenue (VGH Research Pavilion)
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
\<b\> Job Title \<b\>	W26 Data Analyst (Graduate level) 173268
Position Type	Co-op Position
Job Location	Vancouver, BC
Country	Canada
Duration	8 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	3500.0 per month for 35 Major List
Salary Range $	3500-6000 per month
Job Description	

Work Location: VGH Research Pavilion (Vancouver) or remotely within Canada

The Staples Lab at the University of British Columbia is seeking a full-time graduate-level Data Analyst to work on a portfolio of exciting grant-funded research projects that use British Columbia's unique linked population-based administrative data to address pressing public health problems. The position start date is May 2025. The successful applicant will gain valuable experience in cleaning and linking research data, preparing an analytic data set, selecting and implementing appropriate statistical methodologies, creating compelling data visualizations, and communicating scientific results.

We have a few ongoing projects in the lab. One potential project is entitled "Reducing harms associated with 'before medical advised' (BMA) hospital discharge", that seeks to reduce the risks of adverse events (such as emergency department visit, unplanned readmission, drug overdose, death) that are linked with BMA discharges. This project examines the trends in BMA discharge and the harms associated with BMA discharge over the last two decades in British Columbia using population-based linked administrative health datasets. We also evaluate whether specific post-discharge interventions (e.g., early outpatient clinician follow-up, return to hospital, outpatient prescription medication fills) can reduce these harms in 30 days following BMA discharge, using cohort study designs and cutting-edge target trial emulation techniques. Using microsimulation models, we will model the absolute and relative reductions in population-level harms that might be achieved by scaling up promising clinical interventions. Our overarching goal is to inform the clinical and public health response on the adverse events linked with BMA

discharge, including its impact on the accelerating opioid overdose crisis.

The successful applicant will be supervised by study Principal Investigator (PI) Dr. John A Staples MD FRCPC MPH, a Clinical Associate Professor in the UBC Department of Medicine. The successful candidate should be able to work independently, collaborate with other members of the Staples Lab and with the affiliated UBC Road Safety Research Team, and communicate clearly and concisely in written and oral form.

The successful applicant must work in accordance with UBC's scholarly integrity policies and practice data integrity. They are required to conduct all research activities in an ethical manner, suited to the proper activities of Vancouver General Hospital and UBC as well as to the professional organizations governing his or herself and those governing the activities of the PI and other investigators. Medical records and health data are highly confidential and must be handled with the utmost discretion. These records are released only to select study staff and only for the purposes of the study. Intentional or unintentional breaches of privacy and confidentiality may result in study termination, loss of study funding, or termination of employment and may prompt an administrative or criminal investigation.

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 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 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.

The successful applicant will have the flexibility for a hybrid work schedule, to work remotely or in-person at our Vancouver General Hospital research site.

Job Requirements

PLEASE READ THE SPECIAL APPLICATION INSTRUCTIONS BELOW.

• Enrolment in a Master's degree in Statistics or Mathematics (we are specifically looking for graduate student applicants at this time).
• Prior experience with SQL will be useful but not required

• Undergraduate degree in a relevant discipline.

• Trained and proficient in conducting statistical analysis in R.

• Knowledge of commonly used statistical analyses in health research and epidemiology, including model building for survival analysis, mixed effects models and target trial emulation, and the development and validation of predictive models.

• Ability and interest in learning new statistical techniques if required for any projects.

• Superb oral and written English communication skills, including demonstrated excellence in academic writing.

• Ability to work effectively both independently and in a team environment.

• Ability to solve problems independently when necessary.

• Ability to prioritize and work effectively under pressure to meet deadlines.

• Ability strictly adhere to all privacy and confidentiality restrictions.

• Prior experience with data analysis in the field of medicine or epidemiology will be an asset.

• Experience with medical terminology and epidemiology would be an asset.

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through UBC Science Co-op
Cover Letter Required?   Yes
Address Cover Letter to   Dr John A Staples
Special Application Instructions

This position is only open to graduate applicants from the departments of Mathematics or Statistics, and it starts in January 2026 (with flexible start/end date).
Please send us your CV, cover letter, and a sample of recent written work completed independently (i.e., not as part of a group project). Written work can include essays, papers or reports written as part of the UBC curriculum where you are the main author. Only the applicants selected for interviews will be contacted through the co-op office.