



Term Faculty Appointment | School of Population and Public Health

At UBC, we believe that attracting and sustaining a diverse workforce is key to the successful pursuit of excellence in research, innovation, and learning for all faculty, staff and students. Our commitment to employment equity helps achieve inclusion and fairness, brings rich diversity to UBC as a workplace, and creates the necessary conditions for a rewarding career.

The School of Population and Public Health (SPPH) invites applications for a part-time term faculty member to teach SPPH SPPH 521-WB3 (3 credit course) Statistics for Health Research, during Winter 2025-2026, Term 1. This is a one-time appointment to teach while the usual instructor is on study leave.

SPPH 521-WB3 (3 credit course)
Statistics for Health Research
Winter 2025-2026, Term 1
Appointment dates: August 1, 2025 – December 31, 2025

COURSE DESCRIPTION

This is an introductory course for all incoming students in SPPH graduate programs (Msc, MSc OEH, PhD, MHSc, MPH). The class size will be between 90 and 110 students. Weekly Teaching Assistant support is provided.

This course will introduce students to basic statistical methodology used in health research. By the end of this course, students will be able to:

1. Choose and create effective graphical, tabular, and numerical summaries of univariate and bivariate data.
2. Distinguish between basic methods for selecting samples and understand the impact of the sampling method on the choice of statistical analysis and generalizability of results.
3. Identify commonly used basic statistical methods and their appropriate use.
4. Understand the notion of sampling variability and sampling distributions.
5. Calculate and interpret confidence intervals and p-values and understand their limitations.
6. Select and carry out an appropriate method of analysis to compare the means or proportions of two or more populations, and provide an interpretation of the results of such an analysis.
7. Conduct simple linear regression analyses, assess their validity, and interpret the results. Understand the extension of these ideas to multiple linear regression.
8. Recognize situations where the opinion of an experienced statistician is required.

Date/Time: September-December, 2025. Classes are taught on Tuesdays and Thursdays from 12:30 pm to 2:00 pm.

Required Texts and Other Materials: Core textbooks can be ordered through the UBC Bookstore. Supplementary readings will be posted on the UBC learning platform, Canvas.

Salary: The minimum compensation rate per credit per period for the Faculty of Medicine is \$3,186.37 (equaling \$9,559.11 for teaching a full-3-credit course as a sole instructor).

RESPONSIBILITIES

Reporting to the Director of the UBC School of Population and Public Health, the incumbent will be responsible for:

- Updating existing course materials and delivering the course.

- Course preparation, end-of-course work, including any deferred or supplemental examinations that might be required or re-reads that students are entitled to receive.
- Carrying out all duties and responsibilities under the direction of the School's Director, subject to evaluation by the Director. The incumbent is expected to observe, at all times, the highest professional standards.

QUALIFICATIONS

Successful applicants will have:

- Minimum of a Masters (PhD preferred) in statistics, populational health, epidemiology or related field.
- Experience teaching at the post-secondary level.
- Willingness to respect diverse perspectives, including perspectives in conflict with one's own.
- A commitment to enhancing one's own awareness, knowledge, and skills related to equity, diversity, and inclusion.

APPLICATION PROCEDURE

Applicants should include with the letter of application:

- A cover letter and CV, which includes a record of experience and a detailed list of all post-secondary courses taught (course name and number, length, credit value, dates, and teaching responsibilities)
- Names and contact information of three referees

Applications should be directed to:

Taryn Lowther

Human Resources Manager, UBC School of Population and Public Health

Email: taryn.lowther@ubc.ca

Subject Line: SPPH 521-WB3 Term Faculty Position

Applications will be accepted until May 16, 2025, or until the position is filled.

For more information, please visit <https://spph.ubc.ca/programs/msc-oe/>

All positions are subject to availabilities of funds and will be governed by UBC's "Agreement on Conditions of Appointment for Sessional Faculty Members".

The University is committed to creating and maintaining an inclusive and equitable work environment for all members of its workforce. An inclusive work environment presumes an environment where differences are appreciated, recognized, and integrated into current structures, planning, and decision-making modes. Within this hiring process we are committed to creating an inclusive and equitable process for all candidates (including but not limited to people with disabilities). Confidential accommodations are available on request for applicants who are short-listed. Please contact Taryn Lowther via email at taryn.lowther@ubc.ca. To learn more about UBC's Center for Workplace Accessibility, visit the website here <https://hr.ubc.ca/CWA>.

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. 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 of Canada will be given priority.

ABOUT SPPH

SPPH is a research-intensive unit that also has a strong emphasis on education. SPPH is home to approximately 65 primary faculty members and 350 graduate students whose research interests align with four divisions: Epidemiology,

Biostatistics & Public Health Practice; Health in Populations; Health Services and Systems; and Occupational and Environmental Health. There are also several areas of emphasis that cross-cut more than one division, such as global health, ethics, and research methodology. SPPH provides training for undergraduate, graduate, and post-professional students across multiple programs, including PhD and MPH degrees.

UBC - One of the World's Leading Universities. As one of the world's leading universities, the University of British Columbia creates an exceptional learning environment that fosters global citizenship, advances a civil and sustainable society, and supports outstanding research to serve the people of British Columbia, Canada and the world.

Our Vision: To Transform Health for Everyone.

Ranked among the world's top medical schools with the fifth-largest MD enrollment in North America, the **UBC Faculty of Medicine** is a leader in both the science and the practice of medicine. Across British Columbia, more than 12,000 faculty and staff are training the next generation of doctors and health care professionals, making remarkable discoveries, and helping to create the pathways to better health for our communities at home and around the world.

The Faculty - comprised of approximately 2,200 administrative support, technical/research and management and professional staff, as well approximately 650 full-time academic and over 10,000 clinical faculty members - is composed of 19 academic basic science and/or clinical departments, three schools, and 24 research centres and institutes. Together with its University and Health Authority partners, the Faculty delivers innovative programs and conducts research in the areas of health and life sciences. Faculty, staff and trainees are located at university campuses, clinical academic campuses in hospital settings and other regionally based centres across the province.

med.ubc.ca | <https://spph.ubc.ca>