



Assistant Professor (Tenure Track) | School of Population and Public Health

The School of Population and Public Health (SPPH) in the Faculty of Medicine at the University of British Columbia (UBC) Canada invites applications for a full-time faculty position in Data Science, at the rank of Assistant Professor (tenure track).

This is a strategic recruitment with a goal to build research capacity and educational programs in the area of data science for population and public health, including, but not limited to, research and innovations in data-driven discovery, data-informed policy, data visualization, use of statistical or causal inference, matching learning, deep learning, artificial intelligence, pattern recognition, and text analytics methods to advance knowledge and prediction.

SPPH is a research-intensive unit that also has a strong emphasis on education. It is home to approximately 60 faculty members and 350 graduate students whose research interests align with four divisions: Epidemiology, Biostatistics & Public Health; Health in Populations; Health Services and Systems; and Occupational and Environmental Health. With an emphasis on prevention, equity, and application of evidence to improve and maintain the health of the population, SPPH provides training for undergraduate, graduate, and professional students across multiple degree programs, including MPH, MSc and PhD degrees.

SPPH is seeking applicants with a commitment to conducting research in collaboration with faculty as well as outside of SPPH. This includes in reciprocal partnership community spaces that engage with Indigenous peoples, vulnerable populations (e.g. elderly, low-income communities, those with chronic diseases), and equity-seeking groups. The incumbent will also be expected to develop and teach courses in data science and supervise M.Sc. and Ph.D. students.

The successful candidate will hold a PhD in a relevant discipline, including, but not limited to, statistics or biostatistics, economics, computer science, mathematics, physics, electric (and computer) engineering, linguistics. The successful candidate will have demonstrated evidence of ability in teaching and will be expected to participate in the undergraduate, graduate, and postgraduate teaching activities of the unit. The incumbent will also show demonstrated ability to develop and lead an independent research program and will be expected to provide service to the University and the broader academic and professional community.

Salary will be commensurate with qualifications and experience. Interested applicants should submit an application package consisting of a two-page personal statement describing the applicant's interest in and vision for the role, a detailed curriculum vitae and names of three references who can address scholarly activity, teaching, administrative service capabilities, and experience fostering collaboration, inclusiveness, equity and diversity.

All applications should be submitted via <http://www.facultycareers.ubc.ca/36258> to the attention of:

**Peter Berman, PhD,
Professor and Director
UBC School of Population and Public Health**

Queries may be sent to:
Amanda Versteeg,
Human Resources Manager
Email: amanda.versteeg@ubc.ca
Subject Line: Data Science Tenure Track Faculty Position

Review of applications will begin on January 20, 2020 and continue until the position is filled. The anticipated start date for this position is July 1, 2020 or upon a date to be mutually agreed.

The **University of British Columbia** is a global centre for research and teaching, consistently ranked among the top 20 public universities in the world. Since 1915, UBC's entrepreneurial spirit has embraced innovation and challenged the status quo. UBC encourages its students, staff and faculty to challenge convention, lead discovery and explore new ways of learning. At UBC, bold thinking is given a place to develop into ideas that can change 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 11,000 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 9,000 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.

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.