



THE UNIVERSITY OF BRITISH COLUMBIA

Faculty of Medicine

CAREER OPPORTUNITY

Department of Biochemistry and Molecular Biology and BC Children's Hospital Research Institute | Assistant Professor, Tenure Track

The BC Children's Hospital Research Institute (BCCHR) and the **Department of Biochemistry and Molecular Biology (BMB)** at the University of British Columbia (UBC) seek to recruit an outstanding scientist for a full-time (1.0 FTE) position at the rank of Assistant Professor, tenure track.

BMB and BCCHR are seeking applicants with expertise in the area of metabolomics with research that will apply broad, discovery-based metabolomics techniques (mass spectrometry and/or Nuclear Magnetic Resonance Spectroscopy based) to clinical cohorts, and include complimentary studies to understand molecular mechanisms. The research program is expected to focus on the development and application of metabolomics methods to the study of child health and/or development. Outstanding candidates with past experience outside of child health are encouraged to apply. Disease areas are not pre-defined but should build on or complement existing strengths at BCCHR. Consideration will be given to programs that include the potential integration of metabolomic approaches into precision healthcare.

The successful candidate will have opportunities to collaborate with a large and diverse community of basic scientists and clinicians by being firmly embedded in both a basic science department and a hospital-based research institute. The BCCHR consists of over 300 Investigators (clinicians and scientists) forming a dynamic and highly collaborative research community that aims to improve the health of children and their families. The Department of BMB consists of twenty-one research faculty members spanning all areas of biochemistry and molecular biology. It has a thriving undergraduate degree program and a graduate program with roughly ninety students across all UBC sites. Some of the research strengths in BMB include structural biology, host-pathogen interactions, and systems biology. Of specific relevance, there is considerable expertise in biomolecular NMR and mass spectrometry.

As a Biochemistry and Molecular Biology (BMB) faculty member and a BCCHR investigator, the successful applicant will be expected to develop a strong, externally-funded and internationally-competitive research program, supervise graduate students and postdoctoral fellows, collaborate with other faculty members, actively participate in service to the Department, Research Institute, University, and academic/scientific community, and effectively teach undergraduate, graduate and postgraduate students in their field of expertise. Evidence of teaching excellence and an interest in innovative teaching methods is required.

Candidates for this position must hold a PhD degree or an MD/PhD, awarded within the past ten years, or equivalent with postdoctoral research experience. The candidate will have demonstrated clear evidence of potential to develop an independent research program in the area of metabolomics, advanced skills in the analysis and interpretation of high dimensional data, and strong teaching accomplishments.

The incumbent will report to the Head of the Department of Biochemistry and Molecular Biology. All positions are subject to final budgetary approval. Salary will be commensurate with qualifications and experience. Competitive start-up and infrastructure development funds will be provided. The anticipated start date for this position is July 1, 2019, or a date to be mutually agree upon.

Applicants should send a cover letter, a curriculum vitae, a detailed summary of research interests describing two potentially fundable projects and fit to the two host institutions (maximum five (5) pages), a statement of teaching accomplishments and interests, and the names and letters of support from at least three (3) referees to:

Dr. Leonard Foster, Professor and Head
UBC, Department Biochemistry and Molecular Biology
Email: bioc.sec@ubc.ca with subject line: Assistant Professor position

Review of applications will begin on January 31, 2019 and continue until the position is filled.

The University of British Columbia is a global centre for research and teaching, consistently ranked among the top 20 public universities in the world and 3rd largest university in Canada with an economic impact of 12.5 billion to the provincial economy. Since 1915, UBC's West Coast spirit has embraced innovation and challenged the status quo. Its entrepreneurial perspective encourages 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. 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.

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.

<http://biochem.ubc.ca/>

<http://bcchr.ca/>