

Job ID:	00048746 (position #)
Location:	Vancouver – Point Grey
Employment Group:	Faculty (Fac Assn)
Classification Title	Asst Professor (tenure-track)
Business Title:	Asst Professor (tenure-track) – Tier 2 Canada Research Chair
Faculty:	Faculty of Medicine
Department:	School of Biomedical Research Engineering
Desired Start Date:	07/01/2019
Closing Date:	11/01/2018

The School of Biomedical Engineering (SBME) at The University of British Columbia (UBC), Vancouver campus invites applications from exceptional emerging scholars for a Natural Sciences and Engineering Research Council (NSERC) Tier 2 Canada Research Chair (CRC) in Multi-scale Bioengineering. The successful candidate will be eligible to hold an appointment at the rank of Assistant or Associate Professor, Tenure Track.

#### The School of Biomedical Engineering

The Faculties of Medicine and Applied Science have partnered to create the SBME, a new flagship entity at UBC, and a top strategic priority for the University and both Faculties. The SBME will be a nucleus for education and training, research, and innovation in biomedical engineering, creating new knowledge, new academic and training programs, and fostering translation and innovation. The vision of the School is focused on building health from biology through a robust pipeline of efforts across scales from engineering the molecular structures to implementing novel community based healthcare solutions. The SBME faculty conducts research that advances our fundamental understanding of human biology, and yields technologies and therapies that advance our health and wellbeing.

The successful candidate will be expected to lead an independent research program of international caliber, to participate in teaching in biomedical engineering and/or related topics and to provide service within the School, at the University, and to both the academic and broader community. Of particular interest is research at the interface of biomedical engineering and multi-scale bioengineering. Individuals using image analysis, biomaterials or micro-fabricated devices to link molecular, cellular and tissue function are of particular but not exclusive interest. Example areas of research application include 'omics and systems biology, novel tissue/disease models, 3D cellular niches, organoids, and related technologies. An outstanding research program, a collaborative team-based approach to building, and participation in graduate and undergraduate education will be important elements of successful candidates.

Applicants are expected to have a Ph.D. or equivalent, a strong background in bioengineering, biophysics, biomedical engineering, regenerative medicine, systems or synthetic biology, chemical and biological engineering and/or related fields, demonstrated evidence of sustained and productive research, a track record of success in collaborative and convergent research at the interface of engineering, life sciences and medicine, and evidence of successful teaching and mentoring skills. Successful candidates may be expected to register, or be eligible to register, with the Association of Professional Engineers and Geoscientists of British Columbia.

The Canada Research Chair is equally open to individuals of all nationalities. The Chair is subject to review and final approval by the CRC Secretariat. Applicants must meet the eligibility requirement for a CRC Tier 2 position. Tier 2 Chairs are intended for exceptional emerging scholars with less than 10

years of experience as an active researcher in their field at the time of nomination. Applicants who are more than 10 years from having earned their highest degree may have their eligibility for a Tier 2 Chair assessed through the program's Tier 2 justification process; please contact the UBC CRC office [ubc.crc@ubc.ca](mailto:ubc.crc@ubc.ca) for more information. Please consult the Canada Research Chairs website [www.chairs.gc.ca](http://www.chairs.gc.ca) for full program information, including further details on eligibility criteria.

Salary will be commensurate with qualifications and experience. Applicants should submit a curriculum vitae, a statement of teaching interests and accomplishments (up to 2 pages), a five-year research program plan (up to 4 pages) and names and contact information of four referees (two of which should be at arm's length if appointed at the rank of Associate Professor). Applications must be submitted online on the UBC Careers website. Please do not submit applications by e-mail.

Review of applications will begin on November 1, 2018 and will continue until the position is filled. The anticipated start date is July 1, 2019, or upon a date to be mutually agreed. In assessing applications, UBC recognizes the legitimate impact that leaves (e.g., maternity leave, leave due to illness) can have on a candidate's record of research achievement. These leaves will be taken into careful consideration during the assessment process.

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.