



## Assistant Professor (Tenure Track) | Life Sciences Institute

The Life Sciences Institute (LSI), a Global Research Excellence Institute at the University of British Columbia (UBC) in Vancouver, Canada, invites applications for two full-time faculty positions at the rank of Assistant Professor (tenure track – full salary funded).

These positions are part of a larger recruitment effort for six faculty positions at the newly-launched **Biological Resilience Initiative**, that integrates foundational, cross-disciplinary, and collaborative research across molecular, genomic, cellular, systems, and ecosystem scales to elucidate the mechanisms of biological resilience.

Successful candidates are expected to develop and manage an innovative, impactful, and internationally recognized research program in biological resilience.

We seek to identify individuals with interest in one or more of these areas:

- Resilience in metabolism and aging in emerging model systems (foundational science)
- Resilience in tissue regeneration in model systems (foundational science)
- Genetics of human health underlying resilience to disease (translational science).
- Resilience and disease modeled with human tissue models (translational science)
- Imaging technologies that provide unprecedented insight in living systems (technology development)
- Emerging single-cell metabolomics, proteomics, or genomics to uncover resilience (technology development)

The LSI is a collaborative and diverse space for scientists from multiple departments across multiple faculties at UBC. This cluster hire is led by the Department of Cellular and Physiological Sciences, the School of Biomedical Engineering (SMBE), the Department of Biochemistry and Molecular Biology, and the Department of Medical Genetics in the Faculty of Medicine, in partnership with the Department of Zoology and the Department of Microbiology & Immunology in the Faculty of Science. Successful candidates will also have opportunities to collaborate with a large and diverse community of basic scientists and clinicians at both UBC and the various health authorities in British Columbia. Successful candidates are expected to participate in teaching activities within the Faculty of Medicine and partner Departments in the Faculty of Science, as well as provide mentorship and training to undergraduate, graduate, and postgraduate learners. An appropriate academic Department or School will be identified at the time the successful candidates are selected, contingent upon the candidate's area of expertise. One position will be held in the Department of Medical Genetics and the other in the Department of Cellular and Physiological Sciences.

Applicants must hold a Ph.D, and/or M.D, or equivalent. Successful candidates must have the ability to conduct original research, mentor post-graduates, and teach undergraduates. Successful candidates must participate in their Departments, UBC, and the academic community. Successful candidates will have shown ability to communicate with empathy, understanding and, respect of diverse perspectives and behaviours.

### A complete application package must include:

1. A cover letter (1 page)
2. An anonymized executive summary of research plan and vision. This document will establish fit with the broad goals of the Biological Resilience Initiative prior to review of the main application. To reduce implicit bias, this high-level vision document cannot contain references to specific articles or identifying information such as the candidate's name, gender, or prior institutions (1 page)
3. The main application, containing the following sections:
  - A) Research program proposal (5 pages, excluding references)
  - B) Teaching and mentorship statement (1 page)

C) Equity, diversity and inclusion statement (1 page)

4. A full curriculum vitae (no page limit)

5. The names and contact information of three references

Applications must be submitted via <https://tinyurl.com/3nntswr9>. For any issues with the application portal, contact Aryannah Rollinson, [aryannah.rollinson@ubc.ca](mailto:aryannah.rollinson@ubc.ca). Review of applications will begin on March 1, 2023 and continue until the position is filled. The anticipated start date for this position is July 1, 2023 or as mutually agreed.

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, and is essential to fostering an outstanding work environment. 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 **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 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 as 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.

*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.*