



Canada Impact+ Emerging Leader in Global Health Engineering and Equitable Health Technologies
Assistant Professor, tenure track | Department of Medicine and School of Biomedical Engineering

Date Posted: **10th September**

Closing date: 10th October

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 Department of Medicine and the School of Biomedical Engineering at The University of British Columbia (UBC) invites applications for a Canada Impact+ Emerging Leader in Global Health Engineering and Equitable Health Technologies, addressing the Impact+ strategic priority area of Health, including Biotechnology. The successful candidate will be appointed to a tenure-track faculty position and the home department will be the Department of Medicine.

The Canada Impact+ Emerging Leaders program is a one-time initiative designed to support institutions in attracting internationally based Early Career Researchers to Canada. Emerging Leaders will receive research funding and institutional supports to advance transformative research in Canada's strategic priority areas, build partnerships across sectors and borders, and translate their research into applications and impacts that benefit Canadians and the world. Canada Impact+ Emerging Leaders are six-year positions valued at \$100,000 annually, renewable once for an additional six years, intended for exceptional emerging scholars who have the potential to lead in their fields. Applicants must be [early-career researchers](#) and be eligible to hold a full-time, tenure-stream appointment at the rank of Assistant Professor at UBC.

Under the Canada Impact+ Emerging Leaders program, nominees must be working and residing outside Canada when the Eddie Goldenberg Research Chairs of Canada award (<https://www.canada.ca/en/impact-plus-chairs.html>) is formally accepted (July 1st 2026). Applicants may apply regardless of their current location; however, candidates selected for nomination must meet this eligibility requirement on the award acceptance date in order to proceed. Expatriate Canadians wishing to relocate to Canada are welcome to apply.

The UBC Department of Medicine provides excellence in research, teaching and clinical services related to the nature, cause, prevention, and treatment of adult diseases. As the largest department in the Faculty of Medicine, comprised of eighteen Divisions, and over twelve hundred faculty and staff located throughout the Province of British Columbia, the Department of Medicine is committed to ensuring the success of learners and faculty, and to contributing to the health of the Province of British Columbia.

The School of Biomedical Engineering (SBME) is a partnership between the Faculties of Applied Science and Medicine, established in 2017. The School is 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. Its vision is to transform health and healthcare for all, achieved through innovative research and education at the convergence of engineering, medicine and biology. Through collaborative, innovative, and interdisciplinary approaches and building on UBC's academic and research excellence, the School of Biomedical Engineering aspires to be a global leader in biomedical engineering research, education and translation. The SBME

has two locations on Vancouver's campus, the Gordon B Shrum building and the Biomedical Research Centre (BRC). For more information about the School of Biomedical Engineering, please visit <https://www.bme.ubc.ca/>.

Key Expectations of the Position

Reporting jointly to the Head of the UBC Department of Medicine and the Director of the UBC School of Biomedical Engineering, the successful candidate will establish and lead a research program in Global Health Engineering and Equitable Health Technologies. Consistent with the broad goals of global health, namely improving health and achieving health equity for all populations, the position seeks individuals who apply engineering, technology, and innovation to address important health challenges and reduce inequities in health outcomes and access to care in Canada and globally. The successful candidate will be expected to:

- Lead a research program focused on the development, translation, implementation, and evaluation of innovative technologies that improve health outcomes and advance health equity across diverse populations, healthcare systems, and resource settings.
- Advance research at the intersection of engineering, health sciences, clinical medicine, public health, and health systems.
- Develop technologies and solutions that address unmet needs in disease prevention, diagnosis, treatment, monitoring, rehabilitation, and healthcare delivery.
- Pursue research in areas such as medical devices, diagnostics, biosensors, wearables, therapeutics, biotechnology-enabled innovations, digital health, artificial intelligence, data science, and other engineering- and technology-based approaches that improve health and advance health equity.
- Develop and evaluate technologies in partnership with healthcare providers, communities, patients, health authorities, public health organizations, and other stakeholders to ensure solutions are effective, scalable, and responsive to real-world needs.
- Leverage the Conconi Family Biodevice Foundry (<https://biodevicefoundry.bme.ubc.ca/>) and other UBC research infrastructure to accelerate technology development, prototyping, validation, and deployment.
- Contribute to teaching activities within the Department of Medicine and the School of Biomedical Engineering, including undergraduate and graduate biomedical engineering education and interdisciplinary initiatives such as the Department of Medicine's Data Science and Health (DASH) Research Excellence Cluster.
- Mentor and train undergraduate, graduate, and postgraduate learners.
- Contribute service to the Department of Medicine, the School of Biomedical Engineering, the Faculties of Medicine and Applied Science, the University, and the broader academic and professional communities.
- Collaborate across disciplines to advance strategic priorities in research, education, innovation, and translation.

Minimum and Preferred Qualifications of Candidates

Candidates must hold an MD and/or PhD, as part of the UBC requirement, and be eligible for appointment at the rank of Assistant Professor at UBC. Candidates must hold, or be eligible to obtain, registration as a Professional Engineer (P.Eng.) or Limited Licensee with Engineers and Geoscientists BC (EGBC). Applicants from engineering disciplines, as well as quantitatively intensive fields such as mathematics, computer science, quantitative neuroscience, physics, and related disciplines, are encouraged to apply, provided they are eligible for registration with EGBC. Information regarding Limited License eligibility is available at: <https://www.egbc.ca/Registration/Individual-Registrants/How-to-Apply/Professional-Registration/Professional-Licensee>.

The successful candidate will demonstrate:

- Evidence of excellence, or strong potential for excellence, in research, teaching, mentorship, and scholarly activity.

- An established or emerging research program in Global Health Engineering, Equitable Health Technologies, Biomedical Engineering, Biotechnology, or a related field.
- Expertise in the development, translation, evaluation, or implementation of innovative healthcare technologies, such as diagnostics, biosensors, medical devices, therapeutics, vaccines, digital health platforms, or AI-enabled solutions.
- A commitment to advancing equitable access to healthcare through technologies that address unmet clinical and public health needs in diverse populations and resource settings.
- The ability to build effective partnerships with healthcare organizations, health authorities, Indigenous communities, patient partners, government agencies, non-governmental organizations, and industry collaborators.
- Experience or strong potential to conduct interdisciplinary and community-engaged research that translates discoveries into meaningful health impact.
- A commitment to creating inclusive research, training, and learning environments and to advancing equity, diversity, inclusion, and accessibility.
- Leadership, communication, and collaborative skills necessary to establish and grow a nationally and internationally recognized research program that delivers meaningful health, social, and economic benefits while contributing to Canada's leadership in health innovation and biotechnology.

The following would be considered assets:

- Experience in technology translation, implementation science, commercialization, intellectual property development, licensing, venture creation, or industry partnerships.
- Experience working with rural, remote, Indigenous, or other underserved communities.
- Experience leveraging data science, artificial intelligence, or digital technologies to advance health research, healthcare delivery, or health outcomes.

In addition, the successful candidate will demonstrate a willingness to respect diverse perspectives, including perspectives in conflict with one's own, and a commitment to enhancing their awareness, knowledge, and skills related to equity, diversity, and inclusion.

The expected salary for this position is between **\$140,000 and 160,000** per annum. The Faculties of Medicine and Applied Science are committed to offering equitable and competitive salaries, commensurate with the qualifications and experience of the candidate. At UBC, in addition to a generous benefit package and highly valued pension plan, faculty members also have access to a comprehensive range of leaves, services, resources and career development opportunities. For more information, please visit: <https://hr.ubc.ca/working-ubc>.

An application package should include:

1. A cover letter (1 page)
2. The main application, containing the following sections:
 - a. Most significant contributions statement (1 page)
 - b. Research program proposal (5 pages, excluding references)
 - c. Teaching and mentorship statement (1 page)
 - d. Equity, diversity, and inclusion statement of the applicant's current or planned contributions to advancing equity, diversity, and inclusion in academic, professional, or community contexts (1 page)
3. A full curriculum vitae (no page limit)
4. The names and contact information for three referees
5. In alignment with UBC's commitment to creating an equitable and diverse environment that fosters academic excellence, candidates are encouraged to complete a self-identification survey: https://ubc.ca1.qualtrics.com/jfe/form/SV_exPuSwFzPyvB8Ee

Applications should be submitted online at <https://ubc.wd10.myworkdayjobs.com/ubcfacultyjobs> (JR25989).

Should you have any queries around this position, please contact Norika So, Human Resources Coordinator, at norika.so@ubc.ca.

Review of applications will begin on **October 28, 2026**, and continue until the position is filled. Emerging Leaders are expected to start their positions at UBC no later than **30th June, 2027**.

Equity and diversity are essential to academic excellence

UBC hires based on merit and is committed to [employment equity](#). Equity and diversity are essential to academic excellence. An open and diverse community fosters inclusion for underrepresented voices and those who feel discouraged. Inclusion is built through individual and institutional responsibility, achieved by continuous engagement with diversity, to inspire people, ideas, and actions for a better world. 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.

UBC is committed to creating and maintaining an [inclusive, non-discriminatory, and accessible](#) work environment for all members of its workforce. UBC is also committed to ensuring that the application and interview process is accessible to all applicants. Throughout this hiring process, we will work to ensure accessibility for all candidates.

If you have any questions regarding accommodations or accessibility during the recruitment and hiring process or for more information and support, please visit UBC's Center for Workplace Accessibility website at <https://hr.ubc.ca/health-and-wellbeing/workplace-accessibility/centre-workplace-accessibility> or contact the Centre at workplace.accessibility@ubc.ca. Job applicants requiring confidential accommodation or accessibility, or requests for adaptive measures to participate in the hiring process, should contact Norika So at norika.so@ubc.ca.

The UBC Vancouver campus is situated on the traditional, ancestral, and unceded territory of the Musqueam people. The UBC Okanagan campus is situated on the traditional, ancestral, unceded territory of the Syilx Okanagan Nation. UBC is dedicated to being a world leader in advancing Indigenous peoples' human rights and is guided by a mission of reconciliation, as articulated by the Truth and Reconciliation Commission of Canada. It is firmly committed to recruiting Indigenous faculty, students, and staff as outlined in its Indigenous Strategic Plan. As one of the world's leading universities, UBC creates an exceptional learning and research environment that fosters global citizenship and advances a civil and sustainable society, serving the people of British Columbia, Canada, and the world.

UBC recognizes the legitimate impact that leaves (e.g., maternity leave, parental leave, leaves due to illness, leaves due to caring for family members, slowdowns due to chronic illness or disability, or COVID-19 impacts) can have on research achievement and commits to ensuring that leaves are taken into careful consideration during the assessment process. Candidates are encouraged to highlight in their application how career interruptions and personal circumstances have affected their careers.

Nominations are subject to review by the Tri-agency Institutional Programs (TIPS) Secretariat, and appointment as a Canada Impact+ Emerging Leader is conditional upon their approval. Consult the Canada Impact+ Emerging Leader recruitment website <https://www.canada.ca/en/impact-plus-chairs/program-details/competition/2026/requirements-for-recruitment.html> for further details.

With gratitude, we acknowledge that the University of British Columbia Faculty of Medicine and its distributed programs, which include four university academic campuses, are located on traditional, ancestral and unceded territories of First Nations Peoples and communities around the province.

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.

The Faculty of Applied Science includes all UBC Engineering activities at both the UBC Vancouver and UBC Okanagan, as well as the Schools of Architecture and Landscape Architecture, Community and Regional Planning and Nursing. The Faculty was one of UBC's three founding faculties, admitting some of the University's first students in engineering in 1915. The Faculty includes over 300 full-time faculty members and more than 8,600 students.

The Faculty of Applied Science comprises a unique constellation of disciplines and is committed to creating lasting change by discovering and applying knowledge. Our core purpose is to discover, design, and innovate, provide unwavering top-tier education, and champion a community of responsible professionals devoted to serving a thriving, sustainable and healthy society. Our work and the professional disciplines we represent span the entire human-centred built environment. We represent innovation at all scales from nanoscale electronic devices that power communications to the design of entire cities.

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.

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.

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