



THE UNIVERSITY OF BRITISH COLUMBIA
INTERNAL POSTING: Department of Materials Engineering
NSERC Canada Research Chair – Tier 1 in Multiscale Correlative Electron
Microscopy

Posting Date: 6th Jan 2025

Closing Date: 6th Feb 2025

The Department of Materials Engineering at the University of British Columbia (UBC), Vancouver campus, invites applications from **internal** UBC faculty members for an NSERC Tier 1 Canada Research Chair (CRC) position in the field of electron microscopy. As this is an internal search, applicants must already hold a full-time, tenured faculty appointment in the UBC Department of Materials Engineering. Applicants must hold a PhD and be at the rank of Professor or Associate Professor, with the expectation to be promoted to Professor within one or two years.

Tier 1 CRCs are intended for researchers who (a) are outstanding, innovative, world-class researchers, (b) are recognized as international leaders in their field, and (c) have superior records of attracting and supervising graduate students and post-doctoral fellows. Tier 1 CRC positions have a term of seven years which may be renewed once for a second seven-year term. All CRC nominations are subject to review and final approval by the CRC Secretariat. Please consult the [Canada Research Chairs website \(https://www.chairs-chaires.gc.ca\)](https://www.chairs-chaires.gc.ca) for full program information, including further details on eligibility criteria.

The Chair holder is expected to have a demonstrated track record of leadership and expertise in developing and applying electron microscopy-based methods to characterize and understand the structure, properties and performance of engineering materials at the nm to mm length scales. The Chair holder will have an internationally-recognized research program in the use and development of advanced characterization methods, which include advances to instrumentation and software development, to enhance our ability to probe materials and provide correlative structural and chemical insight, e.g. of microstructure and mechanical properties. The Chair holder will use their links with industry and academic partners to realize impact from their research that influences and assists industrial partners in fields such as aerospace, transportation and clean energy production. The Chair holder will be a researcher and educator with a proven commitment to matters of equity, diversity, and inclusion (EDI) and has demonstrated noteworthy leadership within the Department in furthering EDI initiatives.

Application details: In accordance with [UBC's CRC Equity, Diversity, & Inclusion Action Plan](#), and pursuant to Section 42 of the BC Human Rights code, the selection will be restricted to members of one or more of the following designated groups: Women and gender equity-seeking groups, Racialized individuals (members of groups that are racially categorized), persons with disabilities, and Indigenous Peoples. Applicants must self-identify as a member of one or more of the designated groups using the equity survey (https://ubc.ca/1.qualtrics.com/jfe/form/SV_6WJHoI7SfPxRMu9). As the search is limited to those self-identifying as members of designated equity groups, applicants must also provide their name when completing the equity survey in order to be considered. This information will be stored in a secure database and made available only to members of the adjudication committee. The application package must be submitted via email to [Dr. Daan Majjer](#), Department Head, Materials Engineering by 11:59pm Feb 6th, 2025. The anticipated start date of the Chair position is October 1, 2025.

The application package should include:

- 1) a curriculum vitae (UBC CV format)
- 2) a letter of interest describing the proposed research program, addressing i) the context for the research & ii) the methodology to be used (maximum 4 pages)
- 3) a statement on how the applicant's HQP training strategies, and how their research and/or teaching contribute to an equitable, diverse and inclusive (EDI) academic environment (not exceeding 1 page)
- 4) names and contact information for four potential referees who meet the Canada Research Chairs Program's conflict of interest requirements. (Please note references will not be solicited at this time)

In assessing applications, UBC recognizes the legitimate impact that leaves (e.g., parental 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. UBC welcomes and encourages applications from persons with disabilities. Accommodations are available on request for all candidates taking part in all aspects of the selection process. To make a confidential request for accommodations, please contact the Department Head, Daan Maijer at daan.maijer@ubc.ca.

Personal information is collected under the authority of sections 26(a) and 26(c) of the BC Freedom of Information and Protection of Privacy Act. The information you provide will only be used to determine whether you qualify for participation in this hiring process. [Equity Survey Data](#) will be collected by the UBC Equity & Inclusion Office and only the names of those who identify as a member of one or more of the following groups: Women and gender equity-seeking groups, Racialized individuals (members of groups that are racially categorized), persons with disabilities, and Indigenous Peoples will be forwarded for to the adjudication committee for further consideration. Responses will be stored in a secure database.

The University is committed to creating and maintaining an inclusive and equitable work environment for all members of its workforce, and in particular, for its employees with disabilities. An inclusive work environment presumes an environment where differences are accepted, recognized, and integrated into current structures, planning, and decision-making modes. For additional information regarding UBC's accommodation and access policies and resources (for faculty and staff as well as students), please visit the [Centre for Workplace Accessibility](#). For support and assistance with accommodation questions, contact workplace.accessibility@ubc.ca. To learn more about how the University is working to create a more inclusive working and learning environment, please see the UBC Inclusion Action Plan's goals related to recruitment and retention at this link (<https://equity.ubc.ca/stear-framework-and-roadmap-for-change/>).

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.