



THE UNIVERSITY OF BRITISH COLUMBIA
INTERNAL POSTING: Department of Materials Engineering
NSERC Canada Research Chair – Tier 2 in Electrochemical Systems for
Energy Storage and Carbon Capture

Posting Date: 7th Jan 2025
Closing Date: 7th 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 2 Canada Research Chair (CRC) position in the field of Electrochemical Systems for Energy Storage and Carbon Capture. As this is an internal search, applicants must already hold a full-time tenured or tenure-track faculty appointment in the UBC Department of Materials Engineering. Applicants must hold a PhD and be at the rank of Assistant or Associate Professor.

Tier 2 Chairs are intended for exceptional emerging scholars (i.e., candidates must have been an active researcher in their field for fewer than 10 years at the time of nomination). Applicants who are more than 10 years from having earned their highest degree (and where career breaks exist, such as maternity, parental or extended sick leave, clinical training, etc.) may have their eligibility for a Tier 2 Chair assessed through the program's [Tier 2 justification process](#). Please contact the UBC CRC secretariat for more information. Tier 2 CRC positions have a term of five years which may be renewed once for a second five-year term. All CRC nominations are subject to review and final approval by the CRC Secretariat and appointment as a CRC is conditional upon their approval. Please consult the [Canada Research Chairs](#) website 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 the development of redox flow batteries for energy storage applications and electrochemical carbon capture technologies. The Chair holder will be a prominent researcher in electrochemical engineering with a strong track record in the development of safe, water-based electrochemical flow systems. The Chair holder's expertise will position the Department at the forefront of electrochemical innovation, addressing key challenges in sustainable energy and carbon mitigation. The Chair holder will bring a breadth of expertise, establish an innovative research program with the ability to attract substantial external funding and industrial partnerships as well as excellence in undergraduate teaching and learning, and dedication to graduate student teaching, supervision, and mentoring. 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 the 2019 Addendum to the 2006 Canadian Human Rights Settlement Agreement, [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/qualtrics.com/jfe/form/SV_6WJH0l7SfPxRMu9). As the search is limited to those self-identifying as members of designated equity groups, applicants must also provide their names 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 February 7, 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 Covid-related research interruptions and eligible leaves (e.g., maternity, parental, medical, bereavement) can have on a candidate's record of research achievement. These leaves will be taken into careful consideration during the assessment process. The University is committed to creating and maintaining an accessible work environment for all members of its workforce. Within this hiring process we will make efforts to create an accessible process for all candidates (including but not limited to disabled people). Confidential accommodations are available on request by contacting 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.

With gratitude, we acknowledge that the University of British Columbia Faculty of Applied Science and its programs, distributed on two academic campuses, are located on traditional, ancestral and unceded territories of the Musqueam people and of the Syilx (Okanagan) peoples.