

**THE UNIVERSITY OF BRITISH COLUMBIA**  
**INTERNAL POSTING: Department of Chemical & Biological Engineering**  
**NSERC Canada Research Chair – Tier 1 in Bio-based Nanomaterials**



**Posting Date: April 3<sup>rd</sup> 2025**

**Close Date: May 3<sup>rd</sup> 2025**

The Department of Chemical & Biological Engineering (CHBE) in the Faculty of Applied Science 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 bio-based nanomaterials. As this is an internal search, **applicants must already hold a full-time, tenured faculty appointment in the Department of Chemical & Biological Engineering at UBC**. 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, and appointment as a CRC is conditional upon their approval. **Please consult the [Canadian 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 applied materials research with a focus on green chemistry and green engineering. The Chair holder will have an internationally recognized research program in the production, functionalization, and application of biocolloids and biopolymers. The Chair holder will use their links with industry, community, and academic partners to realize impact from their research that influences and assists partners in fields such as nanocellulose, considered an emerging Canadian technology, and other value-added bioproducts crucial to Canada's forestry and agriculture sectors. The Chair holder will be a dedicated mentor and educator with a proven commitment to matters of equity, diversity, and inclusion (EDI) within their research and teaching, and an excellent track record of highly-qualified personnel (HQP) supervision. The successful candidate will be expected to continue to lead an internationally recognized, innovative research program, participate in the teaching activities of the Department, provide mentorship and training to undergraduate, graduate, and postgraduate learners, and provide service within the University and to both the academic and broader community.

**Application details:** In accordance with [UBC's CRC Equity, Diversity, & Inclusion Action Plan \(https://research.ubc.ca/federal-research-chair-programs/canada-research-chairs/ubcs-commitment-equity-diversity-and\)](https://research.ubc.ca/federal-research-chair-programs/canada-research-chairs/ubcs-commitment-equity-diversity-and), 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.ca1.qualtrics.com/jfe/form/SV\\_6WJHol7SfPxRMu9](https://ubc.ca1.qualtrics.com/jfe/form/SV_6WJHol7SfPxRMu9)). 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 ([charles.haynes@ubc.ca](mailto:charles.haynes@ubc.ca)) to Professor Charles Haynes, Head, Department of Chemical and Biological Engineering by **11:59 pm 3rd May 2025**. The anticipated start date of the Chair position is 1 Apr 2026 or shortly thereafter.

**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 academic environment (not exceeding 1 page)
4. Names and contact information for three 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. UBC welcomes and encourages applications from all eligible candidates. Within this hiring process, we will make efforts to create an accessible process for all candidates (including but not limited to disabled people). 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 Marlene Chow, CHBE Senior Administrator, at [marlene.chow@ubc.ca](mailto:marlene.chow@ubc.ca)

Personal information is collected under the authority of sections 26(a), 26(c) and 26(e) 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 restricted hiring process and to advance accessibility, equity, and fair adjudication. [Equity Survey Data \(https://ubc.ca1.qualtrics.com/jfe/form/SV\\_6WJHol7SfPxRMu9\)](https://ubc.ca1.qualtrics.com/jfe/form/SV_6WJHol7SfPxRMu9) will be collected by the UBC Equity & Inclusion Office, and only the names of those eligible for the search process will be shared confidentially with the adjudication committee for further consideration. All 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. An inclusive work environment presumes an environment where differences are appreciated, recognized, and integrated into current structures, planning, and decision-making modes. Within this hiring process, we are committed to creating an inclusive and equitable process for all candidates (including but not limited to people with disabilities). 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](mailto: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.