

Canada Research Chair (Tier 2) in Quantum Computing

Posting End Date

January 4, 2022

The Department of Computer Science at the University of British Columbia, Vancouver invites applications for a tenure-track faculty position. The successful applicant will be appointed at the level of Assistant Professor and will be nominated for a Tier 2 Canada Research Chair in the area of quantum computing, sponsored by the Natural Sciences and Engineering Research Council (NSERC). We invite applications from candidates of outstanding scientific talent in areas of quantum computing that relate closely to computer science. Appointment at the rank of Associate Professor may be considered for eligible applicants with exceptional qualifications.

UBC Computer Science ranks among the top departments in North America, with a strong record of excellence in research and in graduate and undergraduate teaching. For details, see <https://www.cs.ubc.ca/about/numbers-2021>. Quantum computing is a thriving research area at UBC. The successful applicant will have the opportunity to collaborate with colleagues working in areas related to quantum computing in the departments of Physics and Astronomy, Electrical and Computer Engineering, Mathematics, and Chemistry. The environment is further strengthened by UBC's Stewart Blusson Quantum Matter Institute and BC's newly founded Quantum Algorithms Institute (<https://quantumalgorithms.ca/>).

Applicants must hold a Ph.D. in Computer Science or a related area by the start date of the appointment. If appointed at the rank of Assistant Professor, the successful candidate will have demonstrated evidence of ability in teaching, evidence of ability in scholarly activity, and will be expected to provide service to the University and the broader academic and professional community. If appointed at the rank of Associate Professor, the successful candidate will have demonstrated evidence of successful teaching and supervision of graduate students, evidence of sustained and productive scholarly activity, and must be willing to actively participate in the affairs of the Department and the University.

Applicants must meet the eligibility requirements for a Tier 2 Canada Research Chair position, which are intended for exceptional emerging scholars: candidates must have been active researchers in their field for fewer than 10 years from their degree 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, or clinical training) may have their eligibility for a Tier 2 Chair assessed through the program's Tier 2 justification process. Please consult the Canada Research Chairs website <http://www.chairs.gc.ca/> for full program information, including further details on eligibility criteria.

All applications must be submitted online to the <https://apps.cs.ubc.ca/fac-recruit/research-crc2/>. Interested applicants should submit a CV, a research statement, a teaching statement, a diversity statement, and the names of three references (if applying at the rank of Assistant Professor) or the names of four arm's length references (if applying at the rank of Associate Professor). The teaching statement should include teaching interests and a record of experience. The diversity statement should describe the applicant's experience in working with a diverse student body, as well as their past, present, and future contributions to promoting a culture of equity and inclusion on campus or within their discipline.

Review of applications will begin January 7th, 2022. Applications which are complete by this date, including the receipt of required reference letters, are guaranteed full consideration. The anticipated start date is July 1st, 2022, but is negotiable.

For questions about the application process, contact Dr. Nick Harvey, Research Recruiting Committee Chair for Quantum Computing at the address nickhar@cs.ubc.ca. In assessing applications, UBC recognizes the legitimate impact that leaves (e.g., maternity 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 people with disabilities. Accommodations are available on request for all candidates taking part in all aspects of the selection process. To confidentially request accommodations, please contact recruit-admin@cs.ubc.ca

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 the four designated groups who are also 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.

In accordance with UBC's [CRC Equity, Diversity, & Inclusion Action Plan](#) [<https://academic.ubc.ca/sites/vpa.ubc.ca/files/documents/EDIAP - 13 DEC 2018 EE.pdf>], and pursuant to Section 42 of the BC Human Rights code, the selection will be restricted to members of the following designated groups: persons with disabilities, Indigenous Peoples, women and gender minorities (transgender, gender-fluid, nonbinary and Two-Spirit people), and racialized minorities. Applicants to CRC positions are asked to complete this [equity survey](#) [https://ubc.ca1.qualtrics.com/jfe/form/SV_6WJHoI7SfPxRMu9] as part of the application, and candidates from these groups must self-identify as belonging to one or more of the designated equity groups to be considered for the position. Because the search is limited to those self-identifying as members of designated equity groups, candidates must also provide their name to be considered.

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. Data will be collected by the Equity & Inclusion Office and only the names of those who identify as persons with disabilities, Indigenous Peoples, women and gender minorities (transgender, gender-fluid, nonbinary and Two-Spirit people), and racialized minorities will be shared with the search committee. Currently, UBC has a gap in representation for people with disabilities. Until such time as this is remedied, the names of those self-identifying as having a disability will be provided separately to the search committee. Responses will be stored in a secure database.