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Canada Research Chair (Tier I), Cybersecurity and Privacy (Computer Science)

Job ID: 32825

Location: Main Campus

Updated October 15, 2025

This job posting is no longer active.

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We would like to take this opportunity to acknowledge the traditional territories of the people of the Treaty 7 region in Southern Alberta. The City of Calgary is also home to Métis Nation within Alberta (Nose Hill Métis District 5 and Elbow Métis District 6).

Description

The **Faculty of Science** at the **University of Calgary** invites applications for a **Canada Research Chair (Tier I) in Computer Science** position at either the rank of **Associate Professor (with Tenure)** or **Full Professor (with Tenure)** level with a focus on **applied cybersecurity and privacy**. The anticipated start date is July 1, 2025.

Description of Expectations

Applicants must have a PhD (or equivalent) and be either at the rank of full professor or at the associate professor level nearing eligibility for promotion to full professor in the field of Computer Science or a closely-related field. Preference will be given to candidates who are involved in (based on specific expertise): addressing challenges faced by our critical infrastructure across the ten areas of key importance to Canada (i.e. energy, financial, health, etc.); undertaking novel ways to create privacy-enhancing technologies that limit or reduce unwanted tracking or marketing; applying novel secure software development processes to real-world systems; or deploying cybersafe systems in environments where autonomy is the primary modus-operandi such as in operational technology and its interface to information technologies. The successful applicant can be drawn from a number of different areas of expertise but their research focus will be on how to apply their findings directly into the larger cyber ecosystem. Particular areas of expertise include:

- Systems security
- Software security
- Digital forensics
- Network security
- Penetration testing / ethical hacking

The candidate must have strong interests in supporting the Department of Computer Science's research initiatives and training programs. The candidate is expected to contribute to the University of Calgary's Ahead of Tomorrow (https://ucalgary.ca/about/ahead-of-tomorrow) strategic plan to promote transdisciplinary scholarship and innovation and empower our students and communities to tackle society's big problems.

Tier I Chairs are tenable for seven years and renewable once. Tier I Chairs are intended for outstanding and innovative world-class researchers whose accomplishments have made a major impact in their fields and who are recognized internationally as leaders in their fields. Further information about the Canada Research Chairs Program can be found on the Government of Canada's CRC website (https://www.chairs-chaires.gc.ca/home-accueil-eng.aspx#), including eligibility criteria. The position provides 75% protected time for research with the expectation that the candidate establish a vigorous, sustainable, externally funded research program. The successful candidate will contribute to teaching and graduate student supervision within a dynamic and collaborative environment. Service to the Department, Faculty, University, and community is also expected.

The successful candidate must provide evidence of a continuous, externally funded and well-established research program, outstanding publication record, demonstrated ability to lead research teams, outstanding teaching and graduate supervision record, and evidence of academic engagement in professional and other communities.

The University of Calgary adheres to the principles of the San Francisco Declaration on Research Assessment (DORA) and strives to evaluate research impact responsibly and inclusively by explicitly considering discipline-appropriate methods for demonstrating the quality, significance, and societal impact of a broad range of research contributions.

Description of Work Environment

Successful applicants will become faculty members in the Department of Computer Science. The Department offers a variety of programs:

- BSc in Computer Science
- BSc in Data Science
- MSc and PhD in Computer Science
- MSc and PhD in Computational Media Design
- Professional certificates and Master's in Data Science and Analytics
- Professional certificates and Master's in Information Security and Privacy.

The Department of Computer Science is in the Faculty of Science. The Department and Faculty are committed to supporting interdisciplinary research and teaching and we offer and support opportunities to improve research and teaching practice by working with people in other disciplines. The Taylor Institute for Teaching and Learning also offers professional development and additional resources for those who are developing new ways to teach.

The Department of Computer Science is continuously improving our environment and culture to foster an inclusive environment where all department members can participate and collaborate to their full potential.

The University of Calgary's comprehensive benefits and pension program is designed to promote a productive level of health and well-being to staff members through coverage for health, dental, life insurance, income protection for disability, and retirement income planning. To learn about our comprehensive benefits package, please visit https://www.ucalgary.ca/hr/hiring-managing/benefits-overview-staff-group (https://www.ucalgary.ca/hr/hiring-managing/benefits-overview-staff-group)

How to Apply
Interested individuals are encouraged to apply online via the 'Apply Now' link. A complete application must include, as a single PDF document:

- Cover letter (1-2 pages)
- Current curriculum vitae
- Research Plan (1-3 pages)
- Statement of teaching philosophy/teaching dossier (1-2 pages)
- Statement on equity, diversity, inclusion and accessibility (EDIA) identifying the applicant's contributions or potential contributions to advancing a culture of EDIA (up to 1 page)
- Names and contact information of three references

Questions may be addressed to:
Michael Jacobson (cpsc.hiring@ucalgary.ca (mailto:cpsc.hiring@ucalgary.ca))
Co-head of Department of Computer Science

The position will remain open until filled.

The University of Calgary has launched an institution-wide Indigenous Strategy (https://www.ucalgary.ca/indigenous-strategy/) committing to creating a rich, vibrant, and culturally competent campus that welcomes and supports Indigenous Peoples, encourages Indigenous community partnerships, is inclusive of Indigenous perspectives in all that we do.

As an equitable and inclusive employer, the University of Calgary recognizes that a diverse staff/faculty benefits and enriches the work, learning and research experiences of the entire campus and greater community. We are committed to removing barriers that have been historically encountered by some people in our society. We strive to recruit individuals who will further enhance our diversity and will support their academic and professional success while they are here. In particular, we encourage members of the designated groups (women, Indigenous peoples, persons with disabilities, members of visible/racialized minorities, and diverse sexual orientation and gender identities) to apply. To ensure a fair and equitable assessment, we offer accommodation at any stage during the recruitment process to applicants with disabilities. Questions regarding [diversity] EDI at UCalgary can be sent to the Office of Equity, Diversity and Inclusion (https://www.ucalgary.ca/equity-diversity-inclusion)(equity@ucalgary.ca (mailto:equity@ucalgary.ca)) and requests for accommodations can be sent to Human Resources (hrhire@ucalgary.ca (mailto:hrhire@ucalgary.ca)).

All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority. In this connection, at the time of your application, please answer the following question: Are you a Canadian citizen or a permanent resident of Canada? (Yes/No)

The University of Calgary recognizes that candidates have varying career paths and that career interruptions can be part of an excellent academic record. Candidates are encouraged but not required to provide any relevant information about their experience and/or career interruptions to allow for a fair assessment of their application. Selection committees have been instructed to give careful consideration to, and be sensitive to the impact of career interruptions, when assessing the candidate's research productivity.

For a listing of all academic opportunities at the University of Calgary, view our **Academic Careers website** (http://careers.ucalgary.ca/pages/academic-careers). For more information about the **Faculty of Science**, click *here* (https://science.ucalgary.ca/).

About the University of Calgary

UCalgary is Canada's entrepreneurial university, located in Canada's most enterprising city. It is a top research university and one of the highest-ranked universities of its age. Founded in 1966, its 36,000 students experience an innovative learning environment, made rich by research, hands-on experiences and entrepreneurial thinking. It is Canada's leader in the creation of start-ups (https://ucalgary.ca/news/ucalgary-top-startup-creator-amongst-research-institutions-canada). Start something (https://www.ucalgary.ca/startsomething) today at the University of Calgary. For more information, visit ucalgary.ca (https://www.ucalgary.ca/).

About Calgary, Alberta

Calgary is one of the world's cleanest cities and has been named one of the world's most livable cities for years. Calgary is a city of leaders - in business, community, philanthropy and volunteerism. Calgarians benefit from a growing number of world-class dining and cultural events and enjoy more days of sunshine per year than any other major Canadian city. Calgary is less than an hour's drive from the majestic Rocky Mountains and boasts the most extensive urban pathway and bikeway network in North America.

Posting Date: September 16, 2024
Closing Date: 60 days minimum. Open until filled
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Start something. (https://ucalgary.ca/startsomething)

The University of Calgary, located in the heart of Southern Alberta, both acknowledges and pays tribute to the traditional territories of the peoples of Treaty 7, which include the Blackfoot Confederacy (comprised of the Siksika, the Piikani, and the Kainai First Nations), the Tsuut'ina First Nation, and the Stoney Nakoda (including Chiniki, Bearspaw, and Goodstoney First Nations). The City of Calgary is also home to Métis Nation within Alberta (Nose Hill Métis District 5 and Elbow Métis District 6).

The University of Calgary is situated on land Northwest of where the Bow River meets the Elbow River, a site traditionally known as Moh'kins'tsis to the Blackfoot, Wîchîspa to the Stoney Nakoda, and Guts'ists'i to the Tsuut'ina. On this land and in this place we strive to learn together, walk together, and grow together "in a good way."