

Tier 2 Canada Research Chair in Biomedical Engineering University of Ottawa

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Posted Aug. 15, 2025, set to expire Dec. 17, 2025

Job Title	Tier 2 Canada Research Chair in Biomedical Engineering
Department	Faculty of Engineering
Institution	University of Ottawa Ottawa, Ontario
Date Posted	Aug. 15, 2025
Application Deadline	Oct. 14, 2025
Position Start Date	January 2026
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Bioengineering (all Bio-related fields)
Job Website	https://uottawa.wd3.myworkdayjobs.com/en-US/uOttawa_External_Career_Site/job/Ottawa-ON/Tier-2-Canada-Research-Chair-in-Biomedical-Engineering_JR27541
Apply Online Here	https://uottawa.wd3.myworkdayjobs.com/en-US/uOttawa_External_Career_Site/job/Ottawa-ON/Tier-2-Canada-Research-Chair-in-Biomedical-Engineering_JR27541
Apply By Email	
Job Description	

The [Faculty of Engineering](#) at the [University of Ottawa](#) is seeking applications for a **Tier 2 Canada Research Chair (CRC) in Biomedical Engineering**. The Tier 2 Canada Research Chair in

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Biomedical Engineering will advance innovative solutions at the intersection of engineering, health sciences, and digital technology. With expertise in areas such as **tissue engineering, artificial organs, biomedical devices, biomechanics, biorobotics, biosignals, biosensing, or biomaterials**. The Chairholder will develop transformative technologies to improve patient care and health outcomes. The Chair will also become a member of the [Ottawa-Carleton Institute for Biomedical Engineering](#) (OCIBME), a joint research institute established by both the University of Ottawa and Carleton University. The Institute draws on the expertise of several prominent researchers from seven academic units in the two universities and medical professionals from hospitals and well-established medical research institutions. These include the [University of Ottawa Heart Institute](#), the [University of Ottawa Eye Institute](#), the [Ottawa Hospital Research Institute](#) and the [Children's Hospital of Eastern Ontario Research Institute](#). The chairholder also draws on the expertise of several eminent researchers associated with seven academic units of the two universities and health professionals from recognized hospitals and medical research institutions. The chair will take up a tenure-track appointment in one of the Department of Mechanical Engineering, Department of Chemical & Biological Engineering, Department of Civil Engineering, School of Engineering Design and Teaching Innovation or the School for Electrical Engineering and Computer Science.

Located on the unceded territory of the Anishinaabe-Algonquin people, in the heart of the nation's capital and in close proximity to multiple national agencies, [the University of Ottawa](#) is one of Canada's top research-intensive universities. It is recognized as the first and largest bilingual university in North America and offers strong connections to organizational, government and policy interest holders.

Tier 2 Chairs, tenable for five years and renewable once, are for exceptional emerging researchers, acknowledged by their peers as having the potential to lead in their field. For each Tier 2 Chair, the Canada Research Chairs (CRC) Program allocates to institutions \$100,000 annually for five years, with an additional \$20,000 annual research stipend for first-term Tier 2 Chairs.

Candidates should, at a minimum, be assistant or associate professors, or possess the necessary qualifications to be appointed to these levels. Candidates who are more than 10 years from their highest degree must contact the University of Ottawa directly for questions related to their potential eligibility for a Tier 2 Chair. The institution may nominate a professor or a researcher who is more than 10 years from their highest degree at the time of nomination and has experienced legitimate career interruptions (see [acceptable justifications](#)). In such cases, the institution must submit to the Secretariat a formal justification (using the [Tier 2 Justification Screening Form](#)), explaining why the nominee is still

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considered to be an emerging scholar. The University recognizes the legitimate impact that leaves (e.g., parental leave, leave due to illness) can have on a candidate's record of research achievement and that these leaves will be taken into careful consideration during the assessment process. New CRC nominees are also eligible for infrastructure support from the [Canada Foundation for Innovation](#) (CFI) to help acquire state-of-the-art equipment essential to their work.

Preferential Hiring: The University of Ottawa is committed to ensuring equity, diversity and inclusion in the scholarly and leadership environments of our students, staff, and faculty. Accordingly, we strongly encourage applications from skilled and experienced members of the four designated groups such as Indigenous Peoples, racialized individuals, persons with disabilities, women and gender equity-seeking groups, as defined in the CRC Program [method for establishing equity targets](#) and the [Employment Equity Act](#), as well as from all qualified candidates with the skills and knowledge to productively implement equity measures that ensure and retain diverse teams and promote inclusive practices for research team members. As part of this preferential hiring process, applications from members of the four designated groups will be prioritized and assessed first for the vacancy. The purpose of this measure is to increase the representation and contribution of members of the four designated groups in the allocation of Canada Research Chair positions. All candidates are asked to complete the confidential self-identification questionnaire during the online application process. Internal candidates such as professors, postdoctoral fellows, and students are not eligible.

Skills requirements:

- **Education :** D. in a relevant engineering discipline, with application to Biomedical Engineering.
- **Required Qualifications:** superior research achievements in the CRC's identified area(s) and proof of interdisciplinary collaborations, a solid record with respect to teaching and training of students at the graduate level, the ability to obtain external research funds, Excellent communication skills in either English or French. Active knowledge of one's second official language (French or English) is a requirement for tenure. English-French bilingualism is an asset. Active or eligible for P.Eng license in good standing.

Duties: Academic staff functions include, in varying proportions:

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- teaching
- scholarly activities such as research, artistic or literary creation, or professional work
- academic service
- graduate student supervision.

Rank and Salary:

New tenure-track academic appointment in the Faculty of Engineering. Salary scale for an Assistant Professor starts at \$99,377 and \$109,776 for an Associate Professor (as per the collective agreement of May 1, 2025). Salaries are competitive and commensurate with qualifications and experience.

Benefits package: The University of Ottawa provides a [complete benefits package](#), which includes long-term disability insurance, basic group life insurance, health insurance, University of Ottawa pension plan and optional life insurance, as well as reimbursement of eligible relocation expenses.

Location of work: Faculty of Engineering, University of Ottawa, Ottawa, ON K1N 6N5

Application Package:

- A cover letter;
- An up-to-date curriculum vitae (Please include any personal circumstances and/or career interruptions such as parental or sick leaves that may have impacted your research. These will be taken into consideration in the selection process);
- A research plan (2 to 3 pages);
- A statement of teaching interests (1 to 2 pages);
- A statement on equity, diversity, and inclusion philosophy and concrete practices (1 page);
- The names of three people whom may be contacted by the University for letters of reference which will follow the [Canada Research Chairs guidelines](#) (one arm's length and two who are not affiliated to the University of Ottawa unless they are the candidate's PhD or postdoctoral supervisor); and
- A self-identification: Complete the **confidential Employment Equity questionnaire** online during the application process. The Canada Research Chairs Program requires institutions to

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collect self-identification data from all applicants, following the program's [best practices](#).

Deadline: October 14, 2025.

More information regarding [Academic Careers can be found online](#). Apply online through the University of Ottawa Careers portal [by clicking on the following link](#).

To apply, we invite you to merge the various sections of your application into a single PDF file, which you can then upload to the Careers website. However, if you encounter any problems submitting your application, you can send it to the following email address:

rccacrcp@uottawa.ca

The selection process will begin immediately after the closing date and will continue until the position is filled. Only candidates selected for an interview will be contacted.

Please address your cover letter to the following person:

Dr. Julie-St-Pierre, Vice-President, Research and Innovation

University of Ottawa

550 Cumberland St., room 246

Ottawa, ON K1N 6N5 CANADA

For questions, please email: rccacrcp@uottawa.ca

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EEO/AA Policy

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The University of Ottawa is committed to ensuring equity, diversity and inclusion in the scholarly and leadership environments of our students, staff and faculty. We strongly encourage applications from Indigenous Peoples in Canada, visible minority members (racialized persons), persons with disabilities, women and all qualified applicants with the skills and knowledge to productively engage with equitable, diverse and inclusive communities. Applicants who wish to be considered as a member of one or more designated groups should complete the confidential Self-Identification Questionnaire when they apply.

In accordance with government policy, all qualified candidates are invited to apply; however, preference will be given to Canadians and permanent residents. When submitting your application, please indicate if you are legally entitled to work in Canada.

The University of Ottawa provides accommodations for applicants with disabilities throughout the recruitment process. If you are invited to proceed in the selection process, please notify us of any accommodations that you require by emailing the Office of the Vice-Provost, Faculty Relations, at vra.affairesprofessorales@uOttawa.ca. Any information you send us will be handled respectfully and in complete confidence.

The University of Ottawa is proud of its more than 175-year tradition of bilingualism. Through its Official Languages and Bilingualism Institute, the University provides second-language training to staff members and their spouses.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Dr. Julie-St-Pierre
Office of the Vice-President, Research and Innovation
University of Ottawa
550 Cumberland St., Room 246
Ottawa, ON K1N 6N5
Canada

Phone Number 6135625800

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