

CANADA RESEARCH CHAIR POSITION (NSERC, TIER
1)
Ecole de Technologie Superieure

Direct Link: <https://www.AcademicKeys.com/r?job=242954>

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Posted Aug. 9, 2024, set to expire Dec. 9, 2024

Job Title CANADA RESEARCH CHAIR POSITION (NSERC, TIER 1)
Department ÉTS
Institution Ecole de Technologie Superieure
Montréal, Rhode Island

Date Posted Aug. 9, 2024

Application Deadline Oct. 8, 2024

Position Start Date Depending on the candidate's availability

Job Categories Department Head/Head/Chair

Academic Field(s) Engineering - Other

Job Website <https://www.etsmtl.ca/>

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Job Description

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CALL FOR APPLICATIONS

CANADA RESEARCH CHAIR POSITION (NSERC, TIER 1)

Posted from August 9 to October 8, 2024

Strategic Orientation - Health and Well Being

This call for nominations is open to both ÉTS professors and external candidates.

École de technologie supérieure (ÉTS), one of Canada's three leading engineering universities, is calling for nominations for a Tier 1 Canada Research Chair in the Natural Sciences and Engineering (NSERC) to support its **Strategic Area - Health Technologies** in its Strategic Research Plan, and to contribute to the mission of a new Health Technologies Research Institute.

More specifically, the Chair proposal must address one of the following issues:

- Health and safety in the workplace and in sports;
- Diagnostic, therapeutic and rehabilitation tools;
- Precision medicine;
- Artificial intelligence, enhanced reality and connected health;
- Optimization of healthcare system processes.

Detailed information on the 'Health and Well-Being' strategic orientation and the 'Health Technologies' strategic area is available in the ÉTS Strategic Research Plan, published [online](#). (French only)

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This Tier 1 seven-year Canada Research Chair, which is renewable once, is valued at \$200,000 per year and **contributes to the full funding of the Chairholder's research**. The incumbent may also apply for **infrastructure support** from the Canada Foundation for Innovation's (CFI) [John R. Evans Leaders Fund](#) program, [co-funded by the Quebec government](#) to a maximum value of \$250,000 from each organization.

Part of the Université du Québec, ÉTS is a dynamic, fast-growing engineering school with a focus on "engineering for industry". With its campus located in the heart of downtown Montreal, ÉTS offers a stimulating multicultural environment and privileged access to many industrial and university partners. ÉTS comprises six engineering departments (construction, electrical, mechanical, aerospace, systems, software and information technology), with more than 220 faculty members and over 12,800 students. The establishment also boasts more than 35 chairholders and some 35 research groups.

Commitment to equity, diversity and inclusion

In accordance with its own recruitment policies, as well as the "Equal Access to Employment Program", ÉTS promotes excellence in research and research training, and guarantees equal opportunities for all candidates. It supports the principle that excellence and equity are compatible and complementary.

ÉTS is actively working to implement its [Equity, Diversity and Inclusion Action Plan](#) (French only), which aims to increase the representation of women, Aboriginals, people with disabilities, gender minorities and racialized people in Canada Research Chair positions.

Career interruptions due to parental, medical or family leave will be taken into account when evaluating candidates. Candidates are therefore encouraged to identify these periods in their curriculum vitae. This information will be taken into account in the evaluation of the application.

Canada Research Chairs Program requirements

[The Canada Research Chairs Program](#) was established by the Government of Canada to attract and retain, among others, some of the world's most accomplished and promising researchers.

For Tier 1 Canada Research Chairs, **candidates must be outstanding researchers recognized by their peers as world leaders in their field**. They must propose a promising and innovative research

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program, while demonstrating an interest and competence in teaching and supervising graduate students.

Outstanding researchers from around the world are encouraged to apply for this prestigious Canada Research Chair. The incumbent will have a reduced teaching load.

To meet the program's selection criteria, the candidate must :

- Be an outstanding and innovative world-class researcher whose achievements have had a marked impact in his or her field;
- Be an internationally recognized leader in his or her field;
- Be highly skilled at recruiting and supervising graduate students and postdoctoral researchers, taking into account the different practices in their field or discipline; and, once a Chairholder, be able to recruit, train and retain excellent trainees, students and future researchers;
- Offer an original, innovative research program of the highest quality.

Eligibility of candidates according to ÉTS requirements

- Possess a PhD in engineering in a discipline taught or related to those taught at ÉTS;
- Have the ability to teach in French, or demonstrate a willingness to learn the French language and engage in a French learning program offered by ÉTS;
- With regard to the pool of potential nominations, the committee will also take into account the contribution of final nominations to the achievement of institutional diversity and equity targets, in particular those related to designated groups within the meaning of the Equal Access to Employment Program.

The incumbent will also be responsible for the scientific direction of the Health Technologies Institute. Its main mandate is to establish research orientations and priorities in consultation with all stakeholders (researchers, professionals, users and partners), and to prepare the Institute's strategic plan for scientific programming, in line with the University's priorities. The Scientific Director works in close collaboration with the Department Directors and the Executive Director of Research and Partnerships.

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As part of the Scientific Director's duties and with the support of ÉTS, the successful candidate will be responsible for :

- Ensure implementation of the Institute's strategic development plan and scientific programming;
- Be involved in the recruitment of excellent researchers and support them in their career development;
- Provide scientific and administrative support in the preparation of large-scale grant applications;
- Promote the development of partnerships with the private sector and ensure dynamic relations with government bodies and funding agencies;
- Support the valorization of research and technology transfer to user communities;
- Represent the Institute and act as its official spokesperson to various bodies;
- Supervise staff under his responsibility.

How to apply

Submitting an application

Interested candidates are invited to submit their application by midnight (Quebec time) on October 8, at the latest.

The application, to be submitted in a single pdf document, includes:

- 1) A curriculum vitae with a list of your publications, including justification for any career breaks;
- 2) A statement of your five most important contributions to research over the course of your career, explaining their importance and impact;
- 3) A cover letter (maximum 2 pages) presenting your vision for your Chair, including:
 - the summary of the research project (100 words maximum, written in an unspecialized language, describing the uniqueness and importance of the proposed research program);

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- the means used to propel the establishment as a leader in the field of the Chair and,
 - the actual and potential benefits in terms of research excellence;
- 4) A research program proposal for your Chair (3 pages maximum) including the following sections:
1. a) objectives and main expected achievements (100 words maximum);
 2. b) summary program of activities and contribution to current knowledge in the field;
 3. c) training of highly qualified personnel who will be called upon to collaborate;
- 5) If necessary, a justified request for infrastructure (1 page maximum) to carry out your work, within the maximum threshold of \$500,000.
- 6) A statement (1 page) of your interest in the scientific direction of the Institute, including your expertise, experience, vision and expected impact on the establishment.

The text must be presented in a font size of at least 12 points. Any additional pages or information will be removed prior to review.

We invite you to answer the questions on the application form, including those related to the Equal Access to Employment Program.

Accomodations

Accommodations may be offered in complete confidentiality to candidates with disabilities based on their needs in the context of this selection process. If you require an accommodation, we invite you to contact Alissa Lauriault (elle/she), Equity, Diversity and Inclusion Advisor in the Faculty Affairs Office, at edi@etsmtl.ca.

Additional information

The candidate selected by the institution will be invited to submit his or her application to the Research Chairs program by April 2025, or by October 2025 at the latest. If you have any questions about your application or the selection process, please send them to: Decanat.Recherche@etsmtl.ca

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Working conditions

The successful candidate will hold a regular, full time faculty position at ÉTS.

Working conditions are established by the current collective agreement.

Expected start date: to be determined.

Immigration requirements

All qualified candidates are invited to apply for this position. However, priority will be given to Canadian citizens and permanent residents, in accordance with Canada's immigration requirements.

EEO/AA Policy

ÉTS is actively implementing its Equal Opportunity Program, inviting applications from women, Indigenous, visible and ethnic minorities and people with disabilities. Valuing inclusion, we are committed to overcoming the barriers faced by people with disabilities in the workplace. We offer accessibility measures and are ready to provide assistance during the pre-selection and selection process to candidates who so wish. We encourage equity, diversity and inclusion, and consider these values to be fundamental to our working environment. We are taking concrete steps to increase diversity within our work teams. To this end, we ask you to identify yourself so that we can take this into account throughout the selection process. To do so, please complete the Equal Employment Opportunity form and send it to us with your curriculum vitae. The candidate must have the right or permission to work in Canada from the start of the assignment, and for the entire duration of the assignment.

Contact Information

Please reference Academickeys in your cover letter when

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applying for or inquiring about this job announcement.

Contact

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