

Job Description

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Université de Montréal



Become an Associate or Full Professor of Advanced Digital Technologies

Department Statement

Vibrant, multidisciplinary and innovative, the **Faculty of Arts and Science** is one of Université de Montréal's largest faculties. Through its 28 departments, schools, centres and one institute, it offers over 300 undergraduate and graduate programs, some of which are unique in Quebec. It is also home to some 30 interdisciplinary research centres and groups. Every day, its 650 faculty members are helping shape a better tomorrow by advancing knowledge and encouraging the convergence of perspectives.

The **Department of Computer Science and Operations Research** stands out for the excellence of its research in fundamental and cutting-edge fields and comprises more than 50 professors, 400 graduate students and 700 undergraduate students. The successful candidate will strengthen and diversify the current research themes with their cutting-edge.

As part of the 2026 Canada Impact+ Research Chairs Program competition, the Department of Computer Science and Operations Research is recruiting a professor at the rank of Associate or Full Professor to advance research and teaching in computer science, more specifically among the following strategic fields:

- advanced digital technologies (including artificial intelligence, quantum and cybersecurity);
- health, including biotechnology;
- clean technology and resource value chains;
- environment, climate resilience and the Arctic;
- food and water security;
- democratic and community resilience;
- manufacturing and advanced materials, and/or
- defence and dual-use technologies.

This position is contingent on the candidate's success in obtaining a Canada Impact+ Research chair in this competition.

The program awards Chairs of two award values: \$8 million over eight years (\$1 million per year) or \$4 million over eight years (\$500,000 per year). The chair offered under this call will have a value of \$1 million per year for a duration of eight years. The successful candidate will be expected to collaborate in preparing the application, leading up to its submission in June 2026.

Day-to-day responsibilities

Through your undergraduate and graduate-level teaching, and your research activities, you will contribute to the faculty's pursuit of excellence. Furthermore, you will promote your discipline and actively participate in the daily activities of a renowned institution. As a professor and holder of a Canada Impact+ Research Chair, you will:

- Leverage your world-class leadership in your field of research in computer science in alignment with the [Government of Canada's science, technology and innovation priorities](#), with the potential to generate positive social and economic benefits for Canadians;
- Actively foster co-creation of research projects and initiatives with partners from all sectors (academic, public, private, and non-profit) to increase the application of research outcomes in strategic fields of computer science, for the benefit of society at large. You will also facilitate the mobilization and application of the Chair's research results in diverse ways to stimulate economic growth and social innovation;
- Have the opportunity to apply for infrastructure funding from the [Canada Foundation for Innovation \(CFI\)](#);
- Teach at all levels of study;
 - Supervise master's and doctoral students as well as postdoctoral fellows in the completion of theses and dissertations;
- Lead major interfaculty projects with national and international reach;
- Contribute actively to the academic and scientific life of the Department and the Faculty.

Qualifications

- Be eligible for the Canada Impact+ Research Chairs Program and apply to the 2026 competition;
- Hold a Ph.D. in computer science or related field. This requirement is set by the Université de Montréal, not by the Canada Impact+ Research Chairs program;
- Demonstrate outstanding expertise and international recognition as a leader in one or more of the strategic fields in computer science mentioned above;
- Have an international profile and show strong leadership in major international networks;
- Be able to lead ambitious, productive research teams;
- Possess the qualities required to conduct research that mobilizes and applies knowledge to deliver social and economic benefits for Canada and beyond;
- Demonstrate the ability to provide interdisciplinary teaching;
- Have the ability to work collaboratively in an interdisciplinary context, in complementarity with faculty members;
- Have adequate proficiency of the French language or be committed to learning it once hired, through the Université de Montréal's French language support program, in accordance with the [Université de Montréal language policy](#).

Additional information about the position

- Competitive salary and a comprehensive range of benefits;
- Expected start date: December 1st, 2026;
- Located at the Montréal Campus.

How to submit your application

Submit your application through our online recruitment system (click on the "Apply for job" button) during the posting period, from February 24, 2026 to March 25, 2026, inclusively. Your application must include the following documents:

- A cover letter;
- A curriculum vitae;
- Copies of, or links to, three recent publications or research papers;
- A statement outlining your teaching and mentoring experience and approach;
- A research program proposal;
- Three letters of recommendation submitted directly by the referees to the department;
- Important: the research program proposal should cover 8 years (suggested length: 4 pages)

Contact information for recommendation letters

Sylvie Hémet, Chair
Department of Computer Science and Operations Research, Faculty of Arts and Science
directeur-impact@iro.umontreal.ca

Candidates who have already applied for a 2026 Canada Excellence Research Chair (CERC) position at the University of Montreal might be considered for this Impact+ Canada Research Chair position.

As per UdeM's appointment procedures, members of the Assembly of Professors may consult all submitted application files. If you wish your application to remain confidential until the shortlist is established, please mention it in your application.

EQUITY, DIVERSITY AND INCLUSION

The Université de Montréal (UdeM) places equity, diversity and inclusion at the core of its mission. It adopts a broad and inclusive definition of diversity that goes beyond applicable laws, and encourages all qualified individuals, regardless of their characteristics, to apply. Women, Indigenous Peoples, members of visible or ethnic minorities, persons with disabilities, and members of the 2SLGBTQ+ communities are invited to apply and to complete the self-identification form. This process directly supports employment equity objectives and helps strengthen the representation of members of these groups within our community.

Completing the self-identification questionnaire is strongly encouraged when submitting your online application.

This voluntary initiative aims to foster a diverse and equitable environment. The information provided is essential to improving UdeM's practices and fulfilling its legal obligations. It is collected and used in strict compliance with applicable federal and provincial laws, remains strictly confidential, and will never be disclosed without your consent. It is used to advance employment equity, recognize the expertise of members of designated groups, and enhance their representation within the UdeM community. During recruitment, selection tools may also be adapted, on a confidential basis, to meet the needs of persons with disabilities. Candidates requiring accommodation are invited to contact Marie-Lou Latime at the Bureau du personnel enseignant (Faculty Office) in complete confidentiality by email (marie-lou.latime@umontreal.ca) or by phone at 514 343-6111 ext. 5472.

In accordance with current Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.

UdeM also recognizes that parental, medical, caregiver or COVID-19 related leaves can lead to career interruptions or slowdowns. Applicants are encouraged to indicate any such circumstances that may have affected their career path. This information will be fully taken into account in the evaluation of applications.

Benefits

HEALTH & FINANCIAL BENEFITS

- Medical, paramedical, dental and travel insurance
- Employee and Family Assistance Program along with an Institutional Health and Wellness Program
- Defined benefit pension plan with indexed pension payments upon retirement (pension.umontreal.ca)
- Life insurance and disability income insurance

WORK-LIFE BALANCE

- Up to two years of parental leave
- Reduced workload upon return from parental leave, until the child turns two
- Two on-campus childcare centers
- Summer camps and spring break camps at UdeM's Sports and Fitness Center
- Compassionate leave

PROFESSIONAL DEVELOPMENT

- Research and study leave
- Research start-up funding
- French language training program
- University-level teaching skills development activities
- Professional development and sabbatical leave allowance program
- Tuition waiver program for you, your spouse, and dependent children

