

L'Université
de Montréal
et de votre
carrière.

Deeply rooted in Montreal and dedicated to its international mission, Université de Montréal is one of Canada's Top 100 Employers. Like the city whose name it bears, it is effervescent and multicultural.

UdeM attracts over \$500 million in research funding every year, making it one of the three university research hubs in Canada. It also ranks among the best universities worldwide and among the five best French language universities.

Through the achievements of the members of its community, UdeM participates in building today's and tomorrow's world.

Postdoctoral researcher in the Charest Laboratory at UdeM.

The Charest Laboratory (<https://iancharest.com>) is seeking a motivated and bright Postdoctoral researcher to collaborate on innovative projects at the exciting intersection between cognitive neuroscience, psychophysics, and artificial intelligence. Our research is propelled by large-scale, openly shared, multi-modal datasets that enable a variety of questions about brain function to be explored. The laboratory is well-funded, supported by a Courtois Philanthropic Chair in neuroscience, an NSERC Discovery Grant, and a CFI John Leader's fund. This provides an ideal setting for groundbreaking work in the field. The candidate will have access to state-of-the-art neuroimaging facilities including functional magnetic resonance imaging, Electroencephalography, and Magnetoencephalography. We encourage applications from candidates who will hold (or will be about to defend) a PhD in the fields of cognitive neuroscience, computer vision, artificial intelligence, or any related discipline.

Beyond the laboratory, the Department of Psychology at our University boasts 60 career professors and is a strong force in cognitive and computational neuroscience, neuropsychology, and mental health. It offers access to numerous technological platforms on campus (e.g., MEG, EEG, TMS, augmented/virtual reality, motion capture, eye tracking) and maintains privileged links with affiliated research centers (hospitals and rehabilitation centers). These centers provide additional research infrastructures (e.g., MRI, EEG, NIRS, polysomnography, smart apartment), enhancing the multidisciplinary nature of our work.

Situated in Montreal, a city renowned for its vibrant culture, diverse communities, and strong academic presence, the laboratory offers a stimulating environment for cutting-edge research. Montreal, a hub for technology and innovation, provides an enriching backdrop for our research, fostering collaborations across disciplines and industries. The city's unique blend of historical charm and modern innovation creates an inspiring atmosphere for scientific exploration and personal growth.

The appointed candidate will also have the opportunity to develop collaborations with researchers from other departments/centers/institutes of the University, particularly in the fields of computer science, data science, AI (notably Mila), neuroscience, and mental health. This multidisciplinary approach not only enriches our research but also contributes to the dynamic scientific community in Montreal.

Interested candidates are invited to contact Dr. Ian Charest (ian.charest@umontreal.ca) and provide a letter of motivation and a CV. Join us in Montreal and be part of a vibrant community pushing the boundaries of cognitive neuroscience and artificial intelligence!