

Fonds des leaders John-R.-Evans / John R. Evans Leaders Fund
Fiche d'information / Backgrounder

Québec / Quebec

Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 9 486 823 \$ en vue d'appuyer 62 projets d'infrastructure dans la province. / The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$9,486,823 to support 62 infrastructure projects in the province.

Titre du projet / Project Title	Contribution maximale de la FCI Maximum CFI Contribution
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Concordia University

AMPLab for Literary Sound Studies	100 000 \$
Collaboratoire pour l'étude des jeux de Hasard et d'Argent Numériques Connectés (CHANCE)	350 000 \$
Microscopy Platform for Microfluidics Imaging and Screening of Single-cell Dynamics	100 000 \$
*SDN/NFV Security: Compliance-driven Monitoring, Detection, and Mitigation	92 092 \$
4 projets / projects	642 092 \$

** Financement de l'infrastructure liée à une Chaire industrielle du CRSNG
Funding for Research Infrastructure Associated with an NSERC Industrial Chair*

École Polytechnique de Montréal

Physical Property Measurement System for Nanostructured and Quantum Semiconductors	250 000 \$
Test and Characterization for 5G Wireless Devices	133 451 \$
*Interdisciplinary Aerothermodynamic Analysis and Design Methods for Transport Aircraft	124 387 \$
3 projets / projects	507 838 \$

** Financement de l'infrastructure liée à une Chaire industrielle du CRSNG
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HEC Montréal

Tech3Lab 3.0 mobilité	196 779 \$
1 projet / project	196 779 \$

McGill University

Synaptic Dysfunction in Genetic Models of ALS	120 000 \$
Evolutionary Ecology of Species Distributions	140 000 \$
Spoken Interaction Lab	40 000 \$
Molecular Beam Epitaxy of Wide Bandgap Semiconductor Nanostructures and Devices	180 000 \$
Dairy Cattle Nutrition and Environmental Sustainability Laboratory	140 000 \$
Cryogenic Test Facility for Detector Technology Development for Cosmic Microwave Background Polarization Experiments	251 120 \$
Correlative 3D Nanoimaging and Molecular Mapping in Situ of Mineralized Tissues	388 102 \$
Bioactive Glasses for the Regeneration of Hard and Soft Tissues	720 000 \$
Optical Fiber Communications Systems for the Next Decade	797 750 \$
Functional Genomics of HIV and M. Tuberculosis Infection	237 132 \$
Research Laboratory for Smart Transportation	80 000 \$
A Micro-ecosystem Array for Testing Ecological Impacts of Climate Change	175 200 \$
12 projets / projects	3 269 304 \$

Université de Montréal

An Integrated Multimodal Cerebral Neurovascular Imaging (IMCNI) Platform	100 000 \$
How do Mycorrhizal Fungal Traits Influence Ecosystem Functioning?	114 772 \$
Understanding the Pathophysiology of Sporadic Parkinson's Disease using Direct Neural Reprogramming	121 535 \$
The Biology and Clinical Applications of Cellular Senescence	40 000 \$
Centre d'études sur le sexe/genre, l'allostasie, et la résilience (CESAR)	152 970 \$
The Laboratory for Macroeconomic Policy	216 142 \$
Mass Spectrometry Platform for Cancer Immunotherapy	200 000 \$
Moving to Musical Beat	159 759 \$
The Couple and Sexual Well-being Observational (CLOSE) Lab	198 411 \$
Évaluation et maîtrise des expositions professionnelles aux particules nanométriques	144 980 \$
Precision Medicine Research for Diabetes and Cardiovascular Diseases	84 978 \$
Infrastructure for Analysis of Bacterial Pathogen Interactions	145 315 \$
Next Generation in-Vivo Imaging Platform for Post-Genome Animal Infectiology	279 770 \$
Oculométrie pour étudier les jugements cliniques des professionnels de la santé	78 685 \$
Molecular Design from Molecules to Systems and Back	80 137 \$
Understanding Preimplantation Development with Single Cell Genomics	99 743 \$
16 projets / projects	2 217 197 \$

Université de Sherbrooke

Robot manipulateur mobile pour le développement d'une architecture de contrôle distribuée en interaction humain-robot	76 477 \$
Agile and Dexterous Motion Control Robotic Laboratory	81 485 \$
Infrastructure for Characterization of Ultrasound Probes	89 910 \$
Virtual Substrate Engineering with Graphene for Disruptive Optoelectronics Devices	179 893 \$
State-of the art Infrastructure for Improving Women's Pelvic Health	199 779 \$
5 projets / projects	627 544 \$

Université du Québec - Institut national de la recherche scientifique

Advanced Facilities for Research and Training in Aquatic Microbial Ecology	154 565 \$
Ville Intelligente et Piétonne (V.I.P)	62 321 \$
2 projets / projects	216 886 \$

Université du Québec à Montréal

Atelier de chronotopies urbaines: scènes et cultures populaires	151 245 \$
Analytical Infrastructure on Metallomics for Biochemical Characterization of Subcellular Biomarkers of Metal Toxicity	104 000 \$
Neuronal Plasticity in Adaptive and Pathological Behaviors	129 840 \$
Microbial Ecology in the Terrestrial Subsurface	97 600 \$
4 projets / projects	482 685 \$

Université du Québec à Rimouski

Station de recherche montagnarde et alpine dans les massifs gaspésiens, haut lieu de la biogéographie nord-américaine	119 689 \$
1 projet / project	119 689 \$

Université Laval

Tumor Mechanobiology Research Platform	119 820 \$
Smart Bioelectronic Microsystems Manufacturing and Multi-technology Integration Facility	100 000 \$
Agroecology Laboratory: Advancing Plant Root Research and Elucidating Plant-soil Interactions in Agroecosystems	80 220 \$
Consolidation des infrastructures de recherche du site NEIGE	39 188 \$
Pulsed Electric Field System to Modify the Physico-chemical Properties and Bioactivities of Food Molecules	102 828 \$
Mobility Sensing Lab: Intelligent Environments to Support the Mobility of Persons with Disabilities and Older Adults	73 940 \$

.../ **Université Laval**

Robust 3D Perception in Challenging Conditions	100 000 \$
Tree Biology and Plant Functional Genomics Laboratory	80 469 \$
Development of Sustainable Forest Bioenergy Systems	75 205 \$
Targeting Metabolic Vulnerabilities for the Treatment of Prostate Cancer	119 998 \$
Sex-specific Differences in Aortic Stenosis	75 981 \$
Évaluation nutritionnelle et métabolique durant la grossesse : vers une meilleure santé des générations futures	83 302 \$
Base de données appariées entre médecins et patients du Québec (BMPQ)	38 113 \$
Development of Next-generation Biomarkers for Prostate Cancer Treatment	117 745 \$
14 projets / projects	1 206 809 \$

À NOTER : Cette annonce comprend l'attribution d'une somme additionnelle de 2 846 047 dollars du Fonds d'exploitation des infrastructures. Les établissements utilisent ces montants pour assumer une partie des coûts d'exploitation et de maintenance de la nouvelle infrastructure.

NOTE: As part of this announcement, an additional \$2,846,047 was awarded under the Infrastructure Operating Fund (IOF), a mechanism that assists institutions with the incremental operating and maintenance costs associated with the new infrastructure.